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ALORP COMMISSION
DOCKET CONTROL

Transcript Exhibit(s)

Docket #(s): ED1933A-12-0291

Exhibit #: TEP7

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Part 8 of 9

Arizona Corporation Commission

DOCKETED

MAR 13 2013

DOCKETED BY	<i>[Signature]</i>
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EXHIBIT
CAJ-10
(REVISED)



Residential Electric Service (R-01)

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To all single-phase or three-phase (subject to availability at point of delivery) residential electric service in individual private dwellings and individually metered apartments when all service is supplied at one point of delivery and energy is metered through one meter.

For those dwellings and apartments where electric service has historically been measured through two meters, when one of the meters was installed pursuant to the Residential Electric Water Heating Service Rate (R-02F) which is no longer in effect, the electric service measured by such meters shall be combined for billing purposes.

Not applicable to resale, breakdown, temporary, standby, auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

CHARACTER OF SERVICE

The service shall be single-phase, or three phase 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery.

RATE

A monthly bill at the following rate plus any adjustments incorporated herein:

BUNDLED STANDARD OFFER SERVICE-SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charges:

Standard

Customer Charge, Single Phase service and minimum bill \$12.00 per month
Customer Charge, Three Phase service and minimum bill \$18.00 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option

Customer Charge, Single Phase with usage less than 2,000 kWh \$14.50 per month
Customer Charge, Three Phase with usage less than 2,000 kWh \$20.50 per month

Customer Charge, Single Phase with usage more than 2,000 kWh \$18.50 per month
Customer Charge, Three Phase with usage more than 2,000 kWh \$24.50 per month

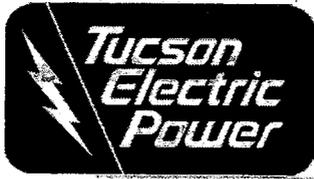
Energy Charges:

Description	Summer (May - September)	Winter (October - April)
First 500 kWh	\$0.0617	\$0.0467
All remaining kWh	\$0.0837	\$0.0687

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-01
Effective: Pending-Corrected - 8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 101-2
 Superseding:

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components (Unbundled):

Standard		
Description	Single Phase	Three Phase
Meter Services	\$1.95 per month	\$2.93 per month
Meter Reading	\$1.58 per month	\$2.40 per month
Billing & Collection	\$6.78 per month	\$10.17 per month
Customer Delivery	\$1.69 per month	\$2.50 per month
Total	\$12.00 per month	\$18.00 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option - usage less than 2,000 kWh		
Description	Single Phase	Three Phase
Meter Services	\$1.95 per month	\$2.93 per month
Meter Reading	\$1.58 per month	\$2.40 per month
Billing & Collection	\$6.78 per month	\$10.17 per month
Customer Delivery	\$1.69 per month	\$2.50 per month
LFCR	\$2.50 per month	\$2.50 per month
Total	\$14.50 per month	\$20.50 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option - usage more than 2,000 kWh		
Description	Single Phase	Three Phase
Meter Services	\$1.95 per month	\$2.93 per month
Meter Reading	\$1.58 per month	\$2.40 per month
Billing & Collection	\$6.78 per month	\$10.17 per month
Customer Delivery	\$1.69 per month	\$2.50 per month
LFCR	\$6.50 per month	\$6.50 per month
Total	\$18.50 per month	\$24.50 per month

Filed By: Kentton C. Grant
 Title: Vice President of Finance and Rates
 District: Entire Electric Service Area

Rate: R-01
 Effective: Pending-Corrected - 8-17-12
 Decision No.:



Residential Time-of-Use (R-80)

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To all single phase (subject to availability at point of delivery) residential electric service in individual private dwellings and individually metered apartments when all service is supplied at one point of delivery and energy is metered through one meter.

Not applicable to resale, breakdown, temporary, standby, auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Customers must stay on this rate for a minimum period of one (1) year.

CHARACTER OF SERVICE

The service shall be single-phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery.

RATE

A monthly bill at the following rate plus any adjustments incorporated herein:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charges:

Standard

Customer Charge, Single Phase service and minimum bill \$15.00 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option

Customer Charge, Single Phase with usage less than 2,000 kWh \$17.50 per month

Customer Charge, Single Phase with usage more than 2,000 kWh \$21.50 per month

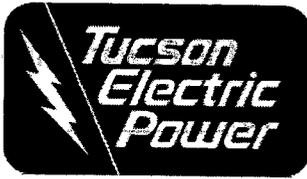
Energy Charges:

Description	Summer (May - September)	Winter (October - April)
On-Peak kWh	\$0.0633	\$0.0483
Off-Peak kWh	\$0.0618	\$0.0473

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-80
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 102-2
Superseding: _____

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components (Unbundled):

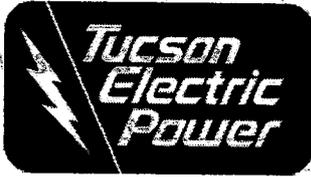
Standard	
Description	Single Phase
Meter Services	\$2.44 per month
Meter Reading	\$1.97 per month
Billing & Collection	\$8.47 per month
Customer Delivery	\$2.12 per month
Total	\$15.00 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option - usage less than 2,000 kWh	
Description	Single Phase
Meter Services	\$2.44 per month
Meter Reading	\$1.97 per month
Billing & Collection	\$8.47 per month
Customer Delivery	\$2.12 per month
LFCR	\$2.50 per month
Total	\$17.50 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option - usage more than 2,000 kWh	
Description	Single Phase
Meter Services	\$2.44 per month
Meter Reading	\$1.97 per month
Billing & Collection	\$8.47 per month
Customer Delivery	\$2.12 per month
LFCR	\$6.50 per month
Total	\$21.50 per month

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-80
Effective: Pending-Corrected-8-17-12
Decision No.:



Special Residential Electric Service (R-201AN)

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To single phase (subject to availability at point of delivery) electric service in individual residences when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this Rate requires that the Customer use exclusively the Company's service for all space heating and all water heating energy requirements except as provided below. New homes must conform to the standards of the Company's approved efficiency program for new construction as in effect at the time of subscription to this Rate. Existing homes must conform to certain standards of the Company's approved efficiency program for existing homes as in effect at the time of subscription to this Rate. Company accredited testing and inspection is required for verification. Notwithstanding the above, the Customer's use of solar energy for any purpose shall not preclude subscription to this Rate.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

CHARACTER OF SERVICE

The service shall be single phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery.

RATE

A monthly bill at the following rate plus any adjustments incorporated herein:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charges:

Standard

Customer Charge, Single Phase service and minimum bill \$12.00 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option

Customer Charge, Single Phase with usage less than 2,000 kWh \$14.50 per month

Customer Charge, Single Phase with usage more than 2,000 kWh \$18.50 per month

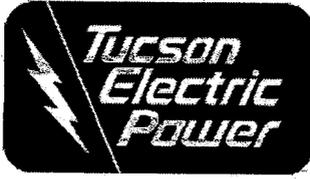
Energy Charges:

Description	Summer (May - September)	Winter (October - April)
First 500 kWh	\$0.0555	\$0.0420
All remaining kWh	\$0.0753	\$0.0618

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-201AN
Effective: Pending-Corrected-8-17-12
Decision No.:



BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components (Unbundled):

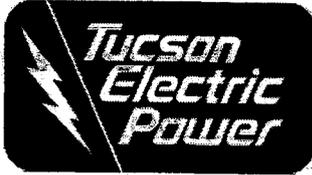
Standard	
Description	Single Phase
Meter Services	\$1.95 per month
Meter Reading	\$1.58 per month
Billing & Collection	\$6.78 per month
Customer Delivery	\$1.69 per month
Total	\$12.00 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option - usage less than 2,000 kWh	
Description	Single Phase
Meter Services	\$1.95 per month
Meter Reading	\$1.58 per month
Billing & Collection	\$6.78 per month
Customer Delivery	\$1.69 per month
LFCR	\$2.50 per month
Total	\$14.50 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option - usage more than 2,000 kWh	
Description	Single Phase
Meter Services	\$1.95 per month
Meter Reading	\$1.58 per month
Billing & Collection	\$6.78 per month
Customer Delivery	\$1.69 per month
LFCR	\$6.50 per month
Total	\$18.50 per month

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-201AN
Effective: Pending-Corrected-8-17-12
Decision No.:



Special Residential Electric Service Time-of-Use Program (R-201BN)

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To single phase (subject to availability at point of delivery) electric service in individual residences when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this Rate requires that the Customer use exclusively the Company's service for all space heating and all water heating energy requirements except as provided below. New homes must conform to the standards of the Company's approved efficiency program for new construction as in effect at the time of subscription to this Rate. Existing homes must conform to certain standards of the Company's approved efficiency program for existing homes as in effect at the time of subscription to this Rate. Company accredited testing and inspection is required for verification. Notwithstanding the above, the customer's use of solar energy for any purpose shall not preclude subscription to this Rate.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Customers must stay on this rate for a minimum period of one (1) year.

CHARACTER OF SERVICE

The service shall be single phase, 60 Hertz, and at one nominal voltage as mutually agreed and subject to availability at point of delivery.

RATE

A monthly bill at the following rate plus any adjustments incorporated herein:

BUNDLED STANDARD OFFER SERVICE – SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charges:

Standard

Customer Charge, Single Phase service and minimum bill \$15.00 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option

Customer Charge, Single Phase with usage less than 2,000 kWh \$17.50 per month

Customer Charge, Single Phase with usage more than 2,000 kWh \$21.50 per month

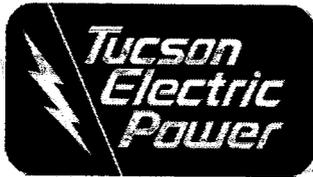
Energy Charges:

Description	Summer (May – September)	Winter (October - April)
On-Peak kWh	\$0.0570	\$0.0435
Off-Peak kWh	\$0.0556	\$0.0426

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-201BN
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No. 104-2
Superseding:

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components (Unbundled):

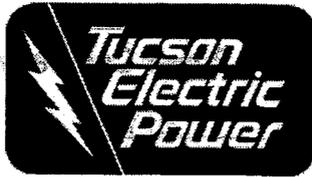
Standard	
Description	Single Phase
Meter Services	\$2.44 per month
Meter Reading	\$1.97 per month
Billing & Collection	\$8.47 per month
Customer Delivery	\$2.12 per month
Total	\$15.00 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option - usage less than 2,000 kWh	
Description	Single Phase
Meter Services	\$2.44 per month
Meter Reading	\$1.97 per month
Billing & Collection	\$8.47 per month
Customer Delivery	\$2.12 per month
LFCR	\$2.50 per month
Total	\$17.50 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option - usage more than 2,000 kWh	
Description	Single Phase
Meter Services	\$2.44 per month
Meter Reading	\$1.97 per month
Billing & Collection	\$8.47 per month
Customer Delivery	\$2.12 per month
LFCR	\$6.50 per month
Total	\$21.50 per month

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-201BN
Effective: Pending-Corrected-8-17-12
Decision No.:



Small General Service (GS-10)

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises. To all general power and lighting service unless otherwise addressed by specific Rates.

APPLICABILITY

When all energy is supplied at one point of delivery and through one metered service. Not applicable to resale, breakdown, temporary, standby, or auxiliary service.

The supply of electric service under a residential Rate schedule to a dwelling involving some business or professional activity will be permitted only where such activity is of only occasional occurrence, or where the electricity used in connection with such activity is small in amount and used only by equipment which would normally be in use if the space were used as living quarters. Where the portion of a dwelling is used regularly for business, professional or other gainful purposes, and any considerable amount of electricity is used for other than domestic purposes, or electrical equipment not normally used in living quarters is installed in connection with such activities referred to above, the entire premises must be classified as non-residential and the appropriate general service rate will be applied.

For Customers who were previously on Municipal Service Rate (PS-40), a monthly discount of 16.5% will be applied to the total bill excluding the Customer Charge.

CHARACTER OF SERVICE

The service shall be single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering may be used by mutual agreement.

RATE

A monthly bill at the following rate, plus any adjustments incorporated herein:

BUNDLED STANDARD OFFER SERVICE – SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charges:

Customer Charge, Single Phase service and minimum bill \$18.00 per month
Customer Charge, Three Phase service and minimum bill \$24.00 per month

Energy Charges:

Description	Summer (May – September)	Winter (October - April)
First 500 kWh	\$0.0763	\$0.0563
All remaining kWh	\$0.0977	\$0.0783

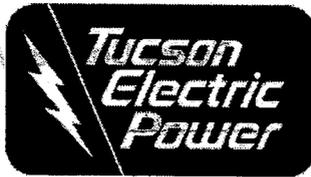
The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually with Rider-1-PPFAC.

ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: GS-10
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 201-2
Superseding:

Energy Charge Components (Unbundled):

Component	Summer (May - September)	Winter (October - April)
Delivery-Energy		
First 500 kWh	\$0.0322	\$0.0122
All remaining kWh	\$0.0536	\$0.0342
Generation Capacity		
Fixed Must-Run	\$0.0318	\$0.0318
	\$0.0032	\$0.0032
Transmission		
	\$0.0070	\$0.0070
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.0001	\$0.0001
Reactive Supply and Voltage Control	\$0.0004	\$0.0004
Regulation and Frequency Response	\$0.0004	\$0.0004
Spinning Reserve Service	\$0.0010	\$0.0010
Supplemental Reserve Service	\$0.0002	\$0.0002
Energy Imbalance Service	Currently charged pursuant to the Company's OATT	
PPFAC	In accordance with Rider 1 - PPFAC	

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: GS-10
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No. 202-1
Superseding: _____

DISCONTINUED

DIRECT ACCESS

A Customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AZISA in Arizona.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components (Unbundled):

Description	Single Phase	Three Phase
Meter Services	\$6.55 per month	\$8.74 per month
Meter Reading	\$1.10 per month	\$1.47 per month
Billing & Collection	\$4.73 per month	\$6.30 per month
Customer Delivery	\$5.62 per month	\$7.49 per month
Total	\$18.00 per month	\$24.00 per month

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: GS-11F
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 203
Superseding: _____

**Small General Service
Time-of-Use Program (GS-76N)**

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises. Access to the meter during normal working hours is also a prerequisite for this Rate.

APPLICABILITY

To all general power and lighting service unless otherwise addressed by specific Rate schedules, when all energy is supplied at one point of delivery and through one metered service.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service. Service under this Rate will commence when the appropriate meter has been installed.

Customers must stay on this Rate for a minimum period of one (1) year.

CHARACTER OF SERVICE

The service shall be single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery.

RATE

A monthly bill at the following rate plus any adjustments incorporated herein:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge:

Customer Charge, Single Phase service and minimum bill \$21.00 per month
Customer Charge, Three Phase service and minimum bill \$27.00 per month

Energy Charges:

Description	Summer (May - September)	Winter (October - April)
On-Peak kWh	\$0.0954	\$0.0749
Off-Peak kWh	\$0.0854	\$0.0649

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC.

ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: GS-76N
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 203-2
 Superseding: _____

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundled):

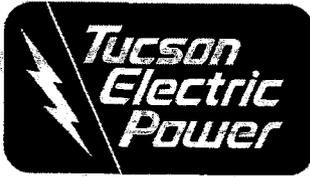
Description	Single Phase	Three Phase
Meter Services	\$7.65 per month	\$9.83 per month
Meter Reading	\$1.29 per month	\$1.66 per month
Billing & Collection	\$5.51 per month	\$7.09 per month
Customer Delivery	\$6.55 per month	\$8.42 per month
Total	\$21.00 per month	\$27.00 per month

Energy Charge Components of Delivery Services (Unbundled)

Summer (May - September)	On-Peak	Off-Peak
Delivery-Energy	\$0.0533	\$0.0433
Generation Capacity	\$0.0318	\$0.0318
Fixed Must-Run	\$0.0032	\$0.0032
Transmission	\$0.0055	\$0.0055
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.0001	\$0.0001
Reactive Supply and Voltage Control	\$0.0003	\$0.0003
Regulation and Frequency Response	\$0.0003	\$0.0003
Spinning Reserve Service	\$0.0008	\$0.0008
Supplemental Reserve Service	\$0.0001	\$0.0001
Energy Imbalance Service:	Currently charged pursuant to the Company's OATT.	
PPFAC	In accordance with Rider 1 - PPFAC	

Filed By: Kentton C. Grant
 Title: Vice President of Finance and Rates
 District: Entire Electric Service Area

Rate: GS-76N
 Effective: Pending-Corrected-8-17-12
 Decision No.:



Large General Service (LGS-13)

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To all general power and lighting service on an optional basis when all energy is supplied at one point of delivery and through one metered service. The minimum monthly billing demand hereunder is 200 kW.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service.

CHARACTER OF SERVICE

The service shall be single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering shall be required for new installations with service requirements in excess of 2,500 kW.

RATE

A monthly bill at the following rate plus any adjustments incorporated herein:

BUNDLED STANDARD OFFER SERVICE – SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge:	\$900.00 per month
Demand Charge:	\$ 21.00 per kW
Energy Charges:	
Summer (May – September), all kWh	\$0.0091 per kWh
Winter (October – April), all kWh	\$0.0087 per kWh

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC.

BILLING DEMAND

The billing demand will be the highest of i) the fifteen (15) minute measured demand in the month, ii) the highest fifteen (15) minute measured demand within the proceeding eleven (11) months, iii) the contract demand, or iv) 200 kW.

ADJUSTMENT FOR PRIMARY SERVICE AND METERING

When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.

The Company may require a written contract with a minimum contract demand and a minimum term of contract.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: LGS-13
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 204-2
Superseding: _____

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charges:

Meter Services	\$230.72 per month
Meter Reading	\$ 47.14 per month
Billing & Collection	\$204.96 per month
Customer Delivery	<u>\$417.18</u> per month
Total	\$900.00 per month

Demand Charge (kW):

Delivery Charge	\$10.86 per kW
Generation Capacity	\$7.02 per kW
Transmission	\$2.43 per kW
Transmission Ancillary Services	
System Control & Dispatch	\$0.0300 per kW
Reactive Supply and Voltage Control	\$0.1300 per kW
Regulation and Frequency Response	\$0.1300 per kW
Spinning Reserve Service	\$0.3400 per kW
Supplemental Reserve Service	\$0.0600 per kW
Energy Imbalance Service:	currently charged pursuant to the Company's OATT.

Energy Charges (kWh):

Delivery Charge	
Summer	\$0.0076 per kWh
Winter	\$0.0072 per kWh
Fixed Must-Run	\$0.0015 per kWh
PPFAC	In accordance with Rider 1 - PPFAC

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: LGS-13
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 205-1

Superseding:

TIME-OF-USE TIME PERIODS

The **Summer On-Peak period** is 10:00 a.m. to 9:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The **Winter On-Peak periods** are 6:00 a.m. - 10:00 a.m. and 5:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

BILLING DEMAND

The billing demand will be either the highest fifteen (15) minute measured demand within the preceding eleven (11) months, less than the contract demand, or less than 200 kW.

PRIMARY SERVICE

The Rates contained in this Schedule are designed to reflect secondary service but where service is taken at primary voltage will be subject to a primary discount of 20.6 cents per kW per month (on the bundled rate, with the discount taken from the unbundled kW delivery charge) on the billing demand each month.

DIRECT ACCESS

A Customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AZISA in Arizona.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: LGS-85N
Effective: Pending-Corrected-8-17-12
Decision No.:



Large Light and Power Service (LLP-14)

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To all large general power and lighting service on an optional basis when all energy is supplied at one point of delivery and through one metered service. The minimum monthly billing demand hereunder is 3000 kW.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service.

CHARACTER OF SERVICE

Service shall be three phase, 60 Hertz, Primary Service, and shall be supplied directly from any 46,000 volt, or higher voltage, system at a delivery voltage of not less than 13,800 volts and delivered at a single point of delivery unless otherwise specified in the contract.

RATE

A monthly bill at the following rate plus any adjustments incorporated herein:

BUNDLED STANDARD OFFER SERVICE – SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge:	\$2,000.00 per month
Demand Charge:	\$ 21.00 per kW
Energy Charges:	
Summer (May – September), all kWh	\$0.0090 per kWh
Winter (October – April), all kWh	\$0.0080 per kWh

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC.

BILLING DEMAND

The billing demand will be either the highest fifteen (15) minute measured demand within the preceding eleven (11) months, less than the contract demand, or less than 3,000 kW.

PRIMARY SERVICE

The above Rate is subject to Primary Service and Metering. The Customer will provide the entire distribution system (including transformers) from the point of delivery to the load. The energy and demand shall be metered on primary side of the transformer.

POWER FACTOR ADJUSTMENT

The above rate is subject to a charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is below 100%

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: LLP-14
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 301-2

Superseding:

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charges:

Meter Services	\$ 477.35 per month
Meter Reading	\$ 111.83 per month
Billing & Collection	\$ 487.16 per month
Customer Delivery	\$ 923.66 per month
Total	\$2,000.00 per month

Demand Charges:

Delivery Charge (in \$/kW)	\$10.18 per kW
Generation Capacity Charges (in \$/kW)	\$8.2500 per kW
Fixed Must-Run Charges (in \$/kW)	\$0.0016 per kWh
Transmission (in\$/kW)	\$2.0000 per kW
Transmission Ancillary Services (in \$/kW)	
System Control & Dispatch	\$0.0300 per kW
Reactive Supply and Voltage Control	\$0.1100 per kW
Regulation and Frequency Response	\$0.1000 per kW
Spinning Reserve Service	\$0.2800 per kW
Supplemental Reserve Service	\$0.0500 per kW
Energy Imbalance Service: currently charged pursuant to the Company's OATT.	

Energy Charges:

Delivery Charges (in \$/kWh)	
Summer	\$0.0074 per kWh
Winter	\$0.0064 per kWh

PPFAC

In accordance with Rider 1 – PPFAC

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: LLP-14
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 302-1

Superseding: _____

TIME-OF-USE TIME PERIODS

The **Summer On-Peak period** is 10:00 a.m. to 9:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The **Winter On-Peak periods** are 6:00 a.m. - 10:00 a.m. and 5:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

BILLING DEMAND

The billing demand will be either the highest fifteen (15) minute measured demand within the preceding eleven (11) months, less than the contract demand, or less than 3000 kW.

PRIMARY SERVICE

The above rate is subject to Primary Service and Metering. The Customer will provide the entire distribution system (including transformers) from the point of delivery to the load. The energy and demand shall be metered on primary side of transformers.

POWER FACTOR ADJUSTMENT

The above rate is subject to charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is below 100%.

DIRECT ACCESS

A Customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AZISA in Arizona.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

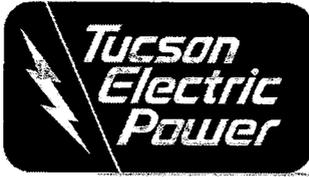
The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this Rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: LLP-90N
Effective: Pending-Corrected-8-17-12
Decision No.:



Traffic Signal and Street Lighting Service (PS-41)

AVAILABILITY

Available for service to the State, a county, city, town, political subdivision, improvement district, or a responsible person or persons for unincorporated communities for Traffic Signal and Street Lighting purposes where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

Applicable to Customer owned and maintained traffic signals and public street and highway lighting.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service.

CHARACTER OF SERVICE

Service shall be single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery approved by the Company.

RATE

A monthly bill at the following rate plus any adjustments incorporated herein.

BUNDLED STANDARD OFFER SERVICE – SUMMARY OF CUSTOMER AND ENERGY CHARGES

Energy Charges:

Summer (May – September)	\$0.0715 per kWh
Winter (October – April)	\$0.0515 per kWh

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC.

DIRECT ACCESS

A Customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this rate will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AZISA in Arizona.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: PS-41
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No. 502
Superseding: _____

Lighting Service (PS-50)

AVAILABILITY

At any point where the Company in its judgment has facilities of adequate capacity and suitable voltage available.

APPLICABILITY

Applicable to any Customer for private and public street lighting or outdoor area lighting where this service can be supplied from existing facilities of the Company.

The Company will install, own, operate, and maintain the complete lighting installation including lamp and globe replacements. Not applicable to resale service.

CHARACTER OF SERVICE

Multiple or series street lighting system at option of Company and at one standard nominal voltage.

RATE

A monthly bill at the following rate plus any adjustments incorporated herein.

BUNDLED STANDARD OFFER SERVICE – SUMMARY OF CUSTOMER AND ENERGY CHARGES

Delivery Charge:

Service	55OH, 55P, 55UG	70UG	100 Watt	250 Watt	400 Watt	Underground Service	Pole
Per unit Per month	\$10.35	\$10.35	\$10.35	\$15.53	\$23.95	\$19.63	\$3.62

Note:

The watt high pressure sodium lamps are charged per unit per month.

Per one pole addition and an extension of up to 100 feet of overhead service are charged per pole.

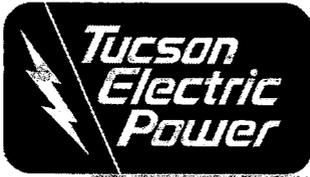
Underground Service is per 100 watt or less high pressure sodium lamp unit per month mounted on standard pole.

Energy Charges:

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: PS-50
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 502-2

Superseding:

- 7. The Company will use diligence in maintaining service; however, monthly bills will not be reduced because of lamp outages.
8. After the minimum contract period, if any, has expired, this agreement shall be extended from year to year unless written notice of desire to terminate is given by the Customer at least thirty (30) days prior to the end of any such annual extension date.
9. Light installation is subject to the governmental agency approval process.
10. The Customer is responsible for all civil installation requirements as specified by the Company in accordance with the Electrical Service Requirements.
11. In the event a public improvement project conflict(s) with existing lighting facilities, the impacted facilities will be removed.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a Customer based on the type of facilities (e.g., metering) dedicated to the Customer or pursuant to the Customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Table listing unbundled components and their rates: Delivery Components (50, 70, 100 Watt, 250 Watt, 400 Watt), Generation Capacity, Fixed Must Run, Transmission, and Transmission Ancillary Services (System Control & Dispatch, Reactive Supply and Voltage Control, Regulation and Frequency Response, Spinning Reserve Service, Supplemental Reserve Service, Energy Imbalance Service).

PPFAC

In accordance with Rider 1 - PPFAC

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: PS-50
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 601-1

Superseding: _____

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AZISA in Arizona.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

TERMS AND CONDITIONS OF INTERRUPTIBLE SERVICE

1. Customer must furnish, install, own, and maintain at each point of delivery all necessary Company approved equipment which will enable the Company to interrupt service with its master control station.
2. Service may be interrupted by Company during certain periods of the day not exceeding six hours in any 24-hour period.
3. Company will endeavor to give Customer one hour notice of impending interruption; however, service may be interrupted without notice should Company deem such action necessary.
4. The interruptible load shall be separately served and metered and shall at no time be connected to facilities serving Customer's firm load. Conversely, the firm load shall be separately served and metered and shall at no time be connected to facilities serving Customer's interruptible load.
5. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a Customer based on the type of facilities (e.g., metering) dedicated to the Customer or pursuant to the Customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: GS-43
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 701
Superseding:

**Rider R-1
Purchased Power and Fuel Adjustment Clause (PPFAC)**

APPLICABILITY

The Purchased Power and Fuel Adjustment Clause (PPFAC) will be applied to all customers taking Standard Offer service from the Company pursuant to the Arizona Corporation Commission (ACC) Decision No. 70628 dated December 1, 2008 and as updated and defined in the Company's PPFAC Plan of Administration approved in ACC Decision No. XXXXX.

RATE

The Customer monthly bill shall consist of the applicable Rate, charges and adjustments in addition to the PPFAC. The PPFAC adjustor Rate, as shown in the TEP Statement of Charges, is an amount expressed as a Rate per kWh charge to reflect the cost to the Company for energy either generated or purchased.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the ACC see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

TAX CLAUSE

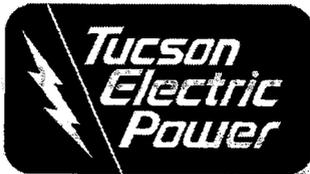
To the charges computed under the above Rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

This standard Rules and Regulations of the Company as on file with the ACC shall apply where not inconsistent with this Rider.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-1
Effective: PENDING
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 703
Superseding:

**Rider R-3
Market Cost of Comparable Conventional Generation (MCCCG)
Calculation as Applicable to Rider-4 NM-PRS**

AVAILABILITY

The Market Cost of Comparable Conventional Generation (MCCCG) calculation, Rider-3, is restricted solely to Rider-4, Net Metering for Certain Partial Requirements Service (NM-PRS). If for a billing month a Rider-4 NM-PRS Customer's generation facility's energy production exceeds the energy supplied by the Company, the Customer's bill for the next billing period shall be credited for the excess generation as described in Rider-4 NM-PRS. The excess kWh during the billing period shall be used to reduce the kWh supplied (not kW or kVA demand or customer/facilities charges) and billed by the Company during the following billing period. Each calendar year, for the customer bills produced in October (September usage) or a customer's "Final" bill - the Company shall credit the Customer for the positive balance of excess kWhs (if any) after netting against billing period usage. The payment for the purchase of the excess kWhs will be at the Company's applicable avoided cost, which for purposes of Rider-4 NM-PRS shall be the simple average of the hourly MCCCG as described below for the applicable year.

The Arizona Corporation Commission (ACC) provided guidance on defining MCCCG in the context of its REST Rules and identified the MCCCG as "the Affected Utility's energy and capacity cost of producing or procuring the incremental electricity that would be avoided by the resources used to meet the Annual Renewable Energy Requirement, taking into account hourly, seasonal and long term supply and demand circumstances. Avoided costs include any avoided transmission and distribution costs and any avoided environmental compliance costs." R14-2-1801.11.

CALCULATION/METHODOLOGY

For purposes of calculating credits to the Customer for Excess Generation, the unit price paid (Credit for Excess Generation) shall be the simple average of the MCCCG over the 8,760 hours (8,784 in a leap year) hours in the forecasted year. The MCCCG in each hour is based on whether native load requirements will be met by internally owned or contracted generation resources or if market purchases will be required to meet native load requirements. The following table provides a description of the MCCCG methodology. The hourly MCCCG cost determination criteria is based on the Market Condition and Dispatch Type. This method of cost determination is very data intensive and will be calculated annually by running TEP's "Planning and Risk" modeling software, and the rate will be filed with the Commission by February 1 of each year and its applicability will coincide with the next Purchased Power and Fuel Adjustment Clause ("PPFAC") rate effective period.

RATE

The customer monthly bill shall consist of the applicable Rate, charges and adjustments in addition to the Credit for Excess Generation based on the MCCCG. The MCCCG is an amount expressed as a rate per kWh charge that is approved by the ACC on or before April 1 of each year and effective with the first billing cycle in April, as shown in the TEP Statement of Charges.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the ACC see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-3
Effective: PENDING
Decision No.:



**Rider R-4
Net Metering for Certain
Partial Requirements Service (NM-PRS)**

AVAILABILITY

Available throughout the Company's entire electric service area to any Customer with a facility for the production of electricity on its premises using Renewable Resources ¹, a Fuel Cell ² or Combined Heat and Power (CHP) ³ to generate electricity, which is operated by or on behalf of the Customer, is intended to provide all or part of the Customer's electricity requirements, has a generating capacity less than or equal to 125% of the Customer's total connected load at the metered premise, or in the absence of load data, has capacity less than the Customer's electric service drop capacity, and is interconnected with and can operate in parallel and in phase with the Company's existing distribution system. Customer shall comply with all applicable federal, state, and local laws, regulations, ordinances and codes governing the production and/or sale of electricity.

For purposes of this Rate, the following notes and/or definitions apply:

¹Renewable Resources means natural resources that can be replenished by natural process. Renewable Resources include biogas, biomass, geothermal, hydroelectric, solar, or wind.

²Fuel Cell means a device that converts the chemical energy of a fuel directly into electricity without intermediate combustion or thermal cycles. The source of the chemical reaction must be derived from Renewable Resources.

³Combined Heat and Power (CHP) also known as cogeneration means a system that generates electricity and useful thermal energy in a single integrated system such that the useful power output of the facility plus one-half the useful thermal energy output during any 12-month period must be no less than 42.5 percent of the total energy input of fuel to the facility.

CHARACTER OF SERVICE

The service shall be single- or three-phase, 60 Hertz, at one standard nominal voltage as mutually agreed and subject to availability at the point of delivery. Primary metering will be used by mutual agreement between the Company and the Customer.

RATE

Customer Charges shall be billed pursuant to the Customer's standard offer Rate otherwise applicable under full requirements of service.

Power sales and special services supplied by the Company to the Customer in order to meet the Customer's supplemental or interruptible electric requirements will be priced pursuant to the Customer's standard offer Rate otherwise applicable under full requirements service.

Non-Time-of-Use Rates: For Customers taking service under a Standard Retail Rate that is not a time-of-use rate, the Customer Supplied kWh shall be credited against the Company Supplied kWh. The Customer's monthly bill shall be based on this net kWh amount. Any monthly Excess Generation will be treated in accordance with the provisions outlined below.

Time-of-Use Rates: For Customers taking service under a Standard Retail Rate that is a time-of-use rate, the Customer Supplied kWh during on-peak hours shall be credited against the Company Supplied kWh during on-peak hours. All Customer Supplied kWh during off-peak hours shall be credited against the Company Supplied kWh during off-peak hours. The Customer's monthly bill shall be based on this net kWh amount. Any monthly Excess Generation will be treated in accordance with the provisions outlined below.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-4
Effective: Pending
Decision No.:



**Rider R-5
Electric Service Solar Rider
(Bright Tucson Community Solar™)**

APPLICABILITY

Rider-5 is for individually metered Customers who wish to participate in the Bright Tucson Community Solar Program. Under Rider-5, Customers will be able to purchase blocks of electricity from solar generation sources. Participation in Rider-5 is limited in the Company's sole discretion to the amount of solar generation available and subscription will be made on a first come, first served basis. In order to maximize subscription under Rider-5, TEP may limit the amount of solar block energy purchased by individual Customers. Rider-5 is further restricted to Customers being served under one of the following Rates:

- 1) Residential Lifeline Discount, Rate R-06-01
- 2) Residential Electric Service, Rate R-01
- 3) Small General Service, Rate GS-10
- 4) Large General Service, Rate LGS-13
- 5) Municipal Service, Rate PS-40

Customers being served under self-generation riders or plans may not purchase power under Rider-5 (including, but not limited to Net Metering for Certain Partial Requirements Service Rider-4 and Non-Firm Power Purchase from Renewable Energy Resources and Qualifying Cogeneration Facilities of 100 kilowatts (kW) or Less Capacity Rider-101).

RATE

Customers can contract for a portion or up to their average annual usage in solar blocks of 150 kilowatt hours (kWh) each. Transmission and distribution charges will be applied to all energy delivered, including energy delivered under Rider-5. The Customer is responsible for paying (each month) all charges incurred under their applicable rate schedule, and the total solar energy contracted for multiplied by the applicable solar block energy rate. Any demand based charges under the Customer's current Rate will not be affected by elections under Rider-5.

Period	Prior to October 1, 2013	Effective October 1, 2013
Rate Schedule	Solar Block Energy Rate	Solar Block Energy Rate
Residential Lifeline R-06-01	\$0.050198	XXXXX
Residential Service R-01	\$0.050324	XXXXX
Small General Service GS-10	\$0.048475	XXXXX
Large General Service LGS-13	\$0.049371	XXXXX
Municipal Service PS-40	\$0.049086	

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

RULES AND REGULATIONS

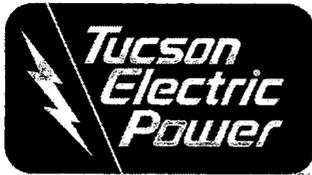
The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this rate.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-5
Effective: PENDING
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 706
Superseding:

Rider R-6
Renewable Energy Standard and Tariff (REST) Surcharge
REST-TS1 Renewable Energy Program Expense Recovery

APPLICABILITY

Mandatory, non-bypassable surcharge applied to all energy consumed by all Customers throughout Company's entire electric service area.

RATES

The REST shall be applied to all monthly bills. The REST rates are shown in the TEP Statement of Charges.

Notes:

- 1) A Large Commercial Customer is one with monthly demand greater or equal to 200 kW but less than 3,000 kW.
- 2) An Industrial Customer is one with monthly demand equal to or greater than 3,000 kW.
- 3) For non-metered services, the lesser of the load profile or otherwise estimated kWh required to provide the service in question, or the service's contract
- 4) kWh shall be used in the calculation of the surcharge.

This charge will be a line item on customer bills reading "Renewable Energy Standard Tariff."

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission (ACC) see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the ACC shall apply where not inconsistent with this Rider.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-6
Effective: PENDING
Decision No.:



**Rider R-8
Lost Fixed Cost Recovery (LFCR)**

APPLICABILITY

The Lost Fixed Cost Recovery (LFCR) will be applied to all Customers taking service from the Company other than lighting and water pumping as defined in the Company's LFCR Plan of Administration (POA). As provided for in the POA, in the event a residential Customer chooses to contribute to this program by paying a fixed charge option, the monthly Customer Charge specified on the appropriate Standard Offer tariff will be charged in lieu of the per kWh rate shown in the TEP Statement of Charges.

CHANGE IN RATE

The LFCR recovers a portion of the authorized margin approved in the Company's most recent rate case that has been lost as the result of implementing ACC-mandated Energy Efficiency and Distributed Generation programs. Each year, a per kWh charge will be placed in effect and charged to the participating Rate classes for the 12-month period the LFCR adjustment is applicable. The total year-on-year adjustment cannot exceed 2% of the Company's most recent total combined retail calendar year revenues for all participating Rate classes.

The LFCR adjustment shall be applied to all monthly bills as a per kWh charge and is anticipated to become effective on or around July 1, 2014.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission (ACC) see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the ACC shall apply where not inconsistent with this rate.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-8
Effective: PENDING
Decision No.:



Rider R-10 MGC-1 Market Generation Credit (MGC) Calculation

INTRODUCTION

There are two purposes of the Market Generation Credit (MGC). The first purpose is to establish a price to which TEP's energy customers can compare to the prices of competitors. The second purpose is to enable the calculation of the variable or "floating" component of TEP's stranded cost recovery. Shown below are the terms of the MGC methodology per TEP's Settlement Agreement, Section 2.1(d), as amended March 20, 2003:

The monthly MGC amount shall be calculated in advance and stated as both an on-peak value and an off-peak value. The monthly on-peak MGC component shall be equal to the Market Price multiplied by one plus the appropriate line loss (including unaccounted for energy ("UFE")) amount. The Market Price shall be equal to the Tullett Liberty Long-Term Forward Assessment for the Palo Verde Forward price, except when adjusted for the variable cost of TEP's must-run generation. The Market Price shall be determined thirty (30) days prior to each calendar month using the average of the most recent three (3) business days of Tullett Liberty Long-Term Forward Assessment for Palo Verde settlement prices. The off-peak MGC component shall be determined in the same manner as the on-peak component, except that the Tullett Liberty Long-Term Forward Assessment for the Palo Verde Forward price will be adjusted by the ratio of off-peak to on-peak prices from the Dow Jones Palo Verde Index of the same month from the preceding year. The MGC shall be equal to the hours-weighted average of the on-peak and off-peak pricing components and shall reflect the cost of serving a one hundred percent (100%) load factor customer.

To reflect the cost of serving a 100% load factor customer, the actual MGC used for billing calculations will be a loss adjusted average price that is weighted by the ratio of on-peak and off-peak hours. This process is illustrated in equations 4 and 5 below and will be posted to TEP's website <http://partners.tucsonelectric.com> thirty (30) days prior to each calendar month. This composite price will be credited to all energy consumption, regardless of the time period in which it is consumed.

CALCULATIONS

Five steps are outlined below for the calculation of the MGC. None of the steps are excludable for any customer type. Acronyms are defined in the Glossary at the end of this document.

1. Calculating the on-peak MGC

Thirty (30) days prior to each calendar estimation month, the Tullett Liberty Long-Term Forward Assessment for Palo Verde Forward prices for the three (3) most recent business days are used. The simple average (or arithmetic mean) is calculated for these three (3) days for the estimation month.

$$MGC_{ON,i} = \frac{\sum (TULLETT)_i}{3} \quad \text{(Equation 1)}$$

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4. Loss-adjusting the MGC

The average MGC must be adjusted for line losses. The appropriate line loss adjustment factor (LLAF) for a large industrial customer is 1.0515. For all other customers, the appropriate factor is 1.0919.

$$MGC_{LOSS,i} = MGC_{WEIGHT,i} * LLAF \quad \text{(Equation 5)}$$

5. Adjusting the MGC for variable must-run

The MGC will be adjusted for variable must-run as defined in TEP's Stranded Cost Settlement Agreement and AISA protocols. Fifteen (15) days prior to each month, TEP forecasts a ratio of its variable must-run generation to retail system demand for the following month. The MGC is determined by adding the product of MGC_{LOSS} and one minus the ratio of variable must-run generation to total retail system demand to the product of \$15/MWh and the variable must-run ratio.

$$MGC_i = [MGC_{LOSS,i} * (1 - VMR_i)] + (\$15 * VMR_i) \quad \text{(Equation 6)}$$

This calculation produces the final value for the Market Generation Credit.

GLOSSARY

DJPV_{OFF}	Simple average of off-peak prices on the Dow Jones Palo Verde Index.
DJPV_{ON}	Simple average of on-peak prices on the Dow Jones Palo Verde Index.
Dow Jones Palo Verde Index	Daily calculation of actual firm on-peak and firm off-peak weighted average prices for electricity traded at Palo Verde, Arizona switchyard.
AISA	Arizona Independent Scheduling Administrator, a temporary entity, independent of transmission-owning organizations, intended to facilitate nondiscriminatory retail direct access using the transmission system in Arizona. Required by the Arizona Corporation Commission Retail Electric Competition Rules.
LLAF	Line-loss adjustment factor.
MGC	Market Generation Credit.
MGC_{OFF}	MGC _{ON} weighted by the ratio of off-peak to on-peak prices on the Dow Jones Palo Verde Index.
MGC_{ON}	Average of the Tullett Liberty prices on days appropriate for the calculation of the MGC.



Rider R-11
Schedule MGC-2 Market Generation Credit (MGC)
Calculation for Partial Requirements Services

INTRODUCTION

The purpose of the Market Generation Credit (MGC) for Partial Requirements Services is to establish a price at which TEP's partial requirements customers will purchase backup/standby and supplemental energy for applicable Partial Requirements Service tariff customers. The Market Generation Credit for Partial Requirements Services is consistent with the MGC methodology per TEP's Settlement Agreement, Section 2.1(d), as amended March 20, 2003.

The monthly MGC amount shall be calculated in advance and stated as both an on-peak value and an off-peak value. The monthly on-peak MGC component shall be equal to the Market Price multiplied by one plus the appropriate line loss (including unaccounted for energy ("UFE")) amount. The Market Price shall be equal to the Tullett Liberty Long-Term Forward Assessment for the Palo Verde Forward price, except when adjusted for the variable cost of TEP's must-run generation. The Market Price shall be determined fifteen (15) days prior to each calendar month using the average of the most recent three (3) business days of Tullett Liberty Long-Term Forward Assessment for Palo Verde settlement prices. The off-peak MGC component shall be determined in the same manner as the on-peak component, except that the Tullett Liberty Long-Term Forward Assessment for the Palo Verde Forward price will be adjusted by the ratio of off-peak to on-peak prices from the Dow Jones Palo Verde Index of the same month from the preceding year.

CALCULATIONS

The Customer will be charged adjusted on-peak MGC multiplied by kWh consumption for On-peak hours, and adjusted off-peak MGC multiplied by kWh consumption for Off-peak hours. Three steps are outlined below for the calculation of the MGC. None of the steps are excludable for any customer type. Acronyms are defined in the Glossary at the end of this document.

1. Calculating the on-peak MGC

Fifteen (15) days prior to each calendar estimation month, the Platts Long-Term Forward Assessment for Palo Verde Forward prices for the three (3) most recent business days are used. The simple average (or arithmetic mean) is calculated for these three (3) days for the estimation month.

$$MGC_{ON,i} = \frac{\sum (TULLETT)_i}{3} \quad \text{(Equation 1)}$$

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-11
Effective: Pending
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 711-2
Superseding: _____

	electricity traded at Palo Verde, Arizona switchyard.
LLAF	Line-loss adjustment factor.
MGC	Market Generation Credit.
MGC_{OFF}	MGC _{ON} weighted by the ratio of off-peak to on-peak prices on the Dow Jones Palo Verde Index.
MGC_{ON}	Average of the Tullett Liberty prices on days appropriate for the calculation of the MGC.
MGC_{LOSS-ON}	MGC _{ON} adjusted for line losses (including unaccounted for energy) on TEP's generation and energy delivery systems.
MGC_{LOSS-OFF}	MGC _{OFF} adjusted for line losses (including unaccounted for energy) on TEP's generation and energy delivery systems.
NERC	North American Electric Reliability Council. A voluntary not-for-profit organization established to promote bulk electric system reliability and security. Membership include investor-owned utilities; federal power agencies; rural electric cooperatives; state, municipal and provincial utilities; independent power producers; power marketers; and end-use customers.
Off-Peak Hours	Number of total monthly off-peak hours as defined by NERC. Off-peak hours are hour ending 0100 – hour ending 0600 and hour ending 2300 – hour ending 2400, Monday through Saturday, Pacific Prevailing Time (PPT). All Sunday hours are considered off-peak. PPT is defined as the current clock time in the Pacific time zone.
On-Peak Hours	Number of total monthly on-peak hours as defined by NERC. On-peak hours are hour ending 0700 – hour ending 2200 Monday through Saturday, Pacific Prevailing Time (PPT). PPT is defined as the current clock time in the Pacific time zone.
TULLETT	Tullett Liberty - a provider of independent real-time price information from the wholesale inter-dealer brokered commodity markets, from which the on-peak Long Term Forward Assessment of market prices of electricity at the Palo Verde, Arizona switchyard are obtained. The forward product is "6 x 16," power is for 16 hours a day for six days a week (Monday through Saturday) for the delivery period, excluding NERC holidays.
Stranded Costs	The difference between revenues under competition and the costs of providing service, including the inherited fixed costs from the previous regulated market.
TEP	Tucson Electric Power Company, a subsidiary of UNS Energy Corp.
TEP Settlement Agreement	An agreement between TEP, the Arizona Residential Utility Consumer Office, members of the Arizonans for Electric Choice and Competition, and Arizona Community Action Association regarding TEP's implementation of retail electric competition, implementation of unbundled tariffs, and recovery of stranded costs.
WEIGHT	Ratio of off-peak to on-peak prices on the Dow Jones Palo Verde Index.

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Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-11
Effective: Pending
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 801-1

Superseding: _____

TEP STATEMENT OF CHARGES
(continued)

Description	Rate	Effective Date	Decision No.
<p>Rider R-1 – Purchased Power and Fuel Adjustment Clause (PPFAC)</p> <p>Non-Time-of-Use (TOU) Rates:</p> <p><u>Summer</u></p> <p>Retail Low Voltage PPFAC \$0.XXXXX per kWh</p> <p>Interruptible Rate (LV) \$0.XXXXX per kWh</p> <p>Retail High Voltage PPFAC \$0.XXXXX per kWh</p> <p><u>Winter</u></p> <p>Retail Low Voltage PPFAC \$0.XXXXX per kWh</p> <p>Interruptible Rate (LV) \$0.XXXXX per kWh</p> <p>Retail High Voltage PPFAC \$0.XXXXX per kWh</p> <p>Time-of-Use Rates:</p> <p><u>Summer</u></p> <p>Retail Low Voltage On-peak PPFAC \$0.XXXXX per kWh</p> <p>Retail Low Voltage Off-peak PPFAC \$0.XXXXX per kWh</p> <p>Electric Vehicle \$0.XXXXX per kWh</p> <p>Retail High Voltage On-peak PPFAC \$0.XXXXX per kWh</p> <p>Retail High Voltage Off-peak PPFAC \$0.XXXXX per kWh</p> <p><u>Winter</u></p> <p>Retail Low Voltage On-peak PPFAC \$0.XXXXX per kWh</p> <p>Retail Low Voltage Off-peak PPFAC \$0.XXXXX per kWh</p> <p>Electric Vehicle \$0.XXXXX per kWh</p> <p>Retail High Voltage On-peak PPFAC \$0.XXXXX per kWh</p> <p>Retail High Voltage Off-peak PPFAC \$0.XXXXX per kWh</p>		PENDING	PENDING
<p>Rider R-2 – Demand Side Management Surcharge (DSMS)</p> <p>Effective Date of Order – December 2014</p> <p>January 2015 – December 2015</p> <p>January 2016 -</p>	<p>\$0.XXXXX per kWh</p> <p>\$0.XXXXX per kWh</p> <p>\$0.XXXXX per kWh</p>	PENDING	PENDING
<p>Rider R-3 – Market Cost of Comparable Conventional Generation (MCCCG) Calculation as Applicable to Rider-4 NM-PRS</p>	\$0.025854 per kWh	April 5, 2012	73085

Filed By: Kentton C. Grant
 Title: Vice President of Finance and Rates
 District: Entire Electric Service Area

Rate: Statement of Charges
 Effective: Pending
 Decision No.:



Bill Estimation Methodologies

Tucson Electric Power Company (TEP) regularly encounters situations in which TEP cannot obtain a complete and valid meter read. No matter the cause of the need to estimate the read, the following methods are used depending on the circumstances.

PREVIOUS YEAR FORMULA

SAME CUSTOMER WITH AT LEAST ONE YEAR OF HISTORY

TEP would generate a bill based on customer usage from the previous year using the "PREVIOUS YEAR" formula as follows:

If last year's usage was estimated, see Previous Month Formula:

$$\text{LAST YEAR'S USAGE FOR SAME MONTH / NUMBER OF DAYS IN BILLING PERIOD} = \text{PER DAY USAGE}$$

(FOR "TIME OF USE" (TOU) THIS WOULD BE APPLIED TO EACH PERIOD)

$$\text{PER DAY USAGE} \times \text{NUMBER OF DAYS IN THIS MONTH'S CYCLE} = \text{ESTIMATED USAGE}$$

(FOR TOU THIS WOULD BE APPLIED TO EACH PERIOD)

PREVIOUS MONTH FORMULA

SAME CUSTOMER AT SAME PREMISE WITH LESS THAN ONE YEAR OF HISTORY

TEP would generate a bill based on customer usage from the previous month using the "PREVIOUS MONTH" formula as follows:

If last month's usage was estimated, see Trend Formula:

$$\text{LAST MONTHS USAGE / NUMBER OF DAYS IN BILLING PERIOD} = \text{PER DAY USAGE}$$

(FOR TOU THIS WOULD BE APPLIED TO EACH PERIOD)

$$\text{PER DAY USAGE} \times \text{NUMBER OF DAYS IN THIS MONTH'S CYCLE} = \text{ESTIMATED USAGE}$$

(FOR TOU THIS WOULD BE APPLIED TO EACH PERIOD)

TREND FORMULA

NEW CUSTOMER AT SAME PREMISE

TEP would generate a bill using the "TREND" formula, based on customer's usage trend as described below:

TEP's customer information system (CIS) would generate a bill based on trend. Customers are assigned to a Trend area which differentiate consumption based on different geographic areas. Secondly, the customer is assigned to a Trend class which is used to differentiate consumption trends based on the type of service and type of property. An example of this would be residential, commercial, and industrial usage. Thirdly, all consumption is identified using unit of measure code and a time of use code. Within TEP's CIS, a trend record is created from each billed service. This record becomes part of a trend table. During estimation, consumption from three prior bill cycles is compared to the consumption from the same cycle in the previous month to determine a trend. This trend, plus a tolerance, is used to create a usage amount for bill estimation.

$$\text{CUSTOMER'S USAGE IN PREVIOUS PERIOD / AVERAGE CUSTOMER'S USAGE IN PREVIOUS PERIOD} \times \text{AVERAGE CUSTOMER'S USAGE IN CURRENT PERIOD} = \text{ESTIMATED CONSUMPTION FOR REGISTER READ}$$

NO HISTORY

TEP would not generate a bill until a good meter read was acquired then use known consumption to estimate previous bills.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: Bill Estimation - 1
Effective: Pending
Decision No.:



**PRS-10
Partial Requirements Service Less Than 200 kW**

AVAILABILITY

This Rate is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the premises served and when all applicable provisions described herein have been met.

APPLICABILITY

This Rate is applicable to any non-residential customer requiring partial requirements services, including backup energy, standby capacity, maintenance energy, or supplemental energy and capacity, in addition to regular electric requirements obtained from any service other than the Company. This Rate is applicable to customers with an aggregate partial requirements service load less than 200 kW. This Rate is not applicable to resale service or where on-site generation is used only during a utility outage.

CHARACTER OF SERVICE

The service shall be single- or three-phase, 60 Hertz, at one standard nominal voltage as mutually agreed and subject to availability at the point of delivery. Primary metering may be used by mutual agreement between the Company and the Customer.

BUNDLED PRICES

The total monthly bill will be the sum of the delivery charges plus the market-based generation charges.

Delivery Charges – monthly

	<u>Summer Billing Months</u> (May – September)	<u>Winter Billing Months</u> (October – April)
<u>Backup/Standby Service</u>		
Customer Charge	\$20.98	\$20.98
Standby Demand Charge per kW	\$34.93	\$29.47
<u>Supplemental Service</u>		
Demand Charge per kW	\$17.47	\$14.74

Market-based Generation Charges

Generation-related charges will be billed at a monthly market-based price dependent upon time of day. The price will be based upon a modified Market Generation Credit mechanism plus an additional procurement charge of 10% of the total generation-related charges. See Schedule MGC-2 for details.

Power Factor Adjustment

The above rate is subject to a charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is below 100%.

Arizona Independent Scheduling Administrator (AZISA) Charge

A per kWh charge shall be applied for costs associated with the implementation of the AZISA, or any FERC mandated Grid Management Organization, in Arizona, in accordance with the ACC or FERC approved charges for the service hereunder. Direct access customers will be billed this charge by their scheduling coordinator.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: PRS-10
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 803-2
Superseding: _____

4. Billing Demand

Backup/Standby Service and Supplemental Service have separate demand charges. For both services, the Billing Demand in any month is the greater of (i) the maximum fifteen (15) minute demand in that month or (ii) the maximum fifteen (15) minute demand in the preceding 23 billing months, or (iii) the Minimum Contract Demand as set forth by mutual agreement. The Minimum Contract Demand for Backup/Standby Service shall be based on the measured kW output of each generating unit at the time of the start-up test.

5. Additional Equipment

Service under this Rate shall require the appropriate interval metering equipment to allow identification of accurate inbound load flows from the Company. This equipment shall require a dedicated telephone line that is to be installed and maintained by the Customer.

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

RELATED SCHEDULE

Schedule MGC-2 – Market Generation Credit (MGC) Calculation for Partial Requirements Services.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: PRS-10
Effective: Pending-Corrected-8-17-12
Decision No.:



Minimum Bill

The Minimum Bill for Backup/Standby Service is equal to the sum of the greater of the Minimum Contract Demand or the Backup/Standby Service Billing Demand times the Standby Demand Charge per kW plus the Backup/Standby Service Customer Charge per month.

The Minimum Bill for Supplemental Service is equal to the sum of the Minimum Bill for Backup/Standby Service plus the greater of the Minimum Contract Demand or the Supplemental Service Billing Demand times the Supplemental Demand Charge per kW.

TERMS AND CONDITIONS

1. Service Requirements

This Rate consists of rates charged for two general types of service--Backup/Standby Service and Supplemental Service. The use of Backup/Standby Service occurs when the Customer's total generating resources covered under PRS-13 are unavailable, such as during forced generator outages (when the Customer's generator is not operational) and unforced or planned outages (when the Customer's generator requires maintenance). The use of Supplemental Service occurs when the Customer requires power in addition to that generated by the Customer to meet the Customer's total energy requirements.

The Customer may elect to take Backup/Standby service only, or Supplemental Service in addition to Backup/Standby service. However, when the Customer's Partial Requirements Usage Percentage (PRUP) in any given billing period exceeds 5%, the Customer's Energy Charge per kWh under Backup/Standby Service will be converted to the Energy Charge per kWh under Supplemental Service for all kilowatt-hours in excess of 5% for the billing period.

The PRUP is calculated as follows:

$$PRUP = \frac{\text{Backup Energy Purchased under Backup/Standby Service}}{\text{Billing Demand for Backup/Standby Service} \times \text{Hours in Billing Period}}$$

2. Contract

The Customer shall contract for a Term and a Minimum Contract Demand (for either Backup/Standby and Supplemental Service as applicable) and shall conform to all applicable interconnection requirements as mandated either by government or by the Company.

3. Direct Assignment of Interconnection Costs

Prior to construction, the Customer will advance to the Company the total amount of the estimated interconnection construction costs directly related to distribution and transmission service. For each of the first five years of metered use up to the amount of the advance, the Company will refund to the Customer 40% of the annual revenue received based on the unbundled charges under this tariff that are associated with the facilities installed (e.g. revenue from the distribution secondary charge for 13.8 kV facilities). The refund, without interest, will be made one month after each full year of service.

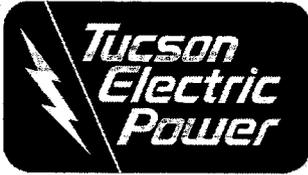
The Customer will furnish, install, and maintain incremental non-distribution system or non-transmission system equipment at his expense. The equipment must meet the standards of the Company's Electric Service Requirements.

Direct Assignment of Incremental Interconnection Costs

In the event that either the fifteen (15) minute demand in the billing month or the maximum fifteen (15) minute demand in the

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: PRS-13
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 805
Superseding: _____

**PRS-14
Partial Requirements Service 3,000 kW and Greater**

AVAILABILITY

This Rate is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the premises served and when all applicable provisions described herein have been met.

APPLICABILITY

This Rate is applicable to any non-residential customer requiring partial requirements services, including backup energy, standby capacity, maintenance energy, or supplemental energy and capacity, in addition to regular electric requirements obtained from any service other than the Company. This Rate is applicable to customers with an aggregate partial requirements service load of 3,000 kW and higher. This Rate is not applicable to resale service or where on-site generation is used only during a utility outage.

CHARACTER OF SERVICE

The service shall be three-phase, 60 Hertz, and shall be supplied directly from any 46,000 volt or higher voltage system through distribution facilities used exclusively to serve PRS-14 customers at a delivery voltage of not less than 2,400/4,160 volts and delivered at a single point of delivery unless otherwise specified in the contract.

BUNDLED PRICES

The total monthly bill will be the sum of delivery charges plus the market-based generation charges.

Delivery Charges – monthly

	<u>Summer Billing Months</u> (May – September)	<u>Winter Billing Months</u> (October – April)
<i>Backup/Standby Service</i>		
Customer Charge	\$2,000.00 per Month	\$2,000.00 per Month
Standby Demand Charge per kW	\$25.59 per kW	\$24.31 per kW
<i>Supplemental Service</i>		
Demand Charge per kW	\$12.80 per kW	\$12.16 per kW

Market-based Generation Charges

Generation-related charges will be billed at a monthly market-based price dependent upon time of day. The price will be based upon a modified Market Generation Credit mechanism plus an additional procurement charge of 10% of the total generation-related charges. See Schedule MGC-2 for details.

Power Factor Adjustment

The above rate is subject to a charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is below 100%.

Arizona Independent Scheduling Administrator (AZISA) Charge

A per kWh charge shall be applied for costs associated with the implementation of the AZISA, or any FERC mandated Grid Management Organization, in Arizona, in accordance with the ACC or FERC approved charges for the service hereunder. Direct access customers will be billed this charge by their scheduling coordinator.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: PRS-14
Effective: Pending-Corrected-8-17-12
Decision No.:



Tucson Electric Power Company

Original Sheet No.: 805-2
Superseding: _____

Direct Assignment of Incremental Interconnection Costs

In the event that either the fifteen (15) minute demand in the billing month or the maximum fifteen (15) minute demand in the preceding 23 billing months exceeds the Maximum Contract Demand and the Company must expand facilities to meet the additional load, the Customer shall pay for the cost of the incremental facilities.

4. Billing Demand

Backup/Standby Service and Supplemental Service have separate demand charges. For both services, the Billing Demand in any month is the greater of (i) the maximum fifteen (15) minute demand in that month or (ii) the maximum fifteen (15) minute demand in the preceding 23 billing months, or (iii) the Minimum Contract Demand as set forth by mutual agreement. The Minimum Contract Demand for Backup/Standby Service shall be based on the measured kW output of each generating unit at the time of the start-up test.

5. Additional Equipment

Service under this Rate shall require the appropriate interval metering equipment to allow identification of accurate inbound load flows from the Company. This equipment shall require a dedicated telephone line that is to be installed and maintained by the Customer.

DIRECT ACCESS

A Customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this Rider.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

RELATED SCHEDULE

Schedule MGC-2 – Market Generation Credit (MGC) Calculation for Partial Requirements Services.

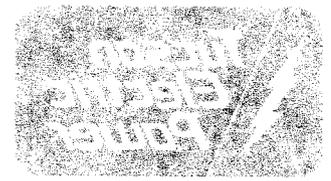
Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: PRS-14
Effective: Pending-Corrected-8-17-12
Decision No.:

EXHIBIT
CAJ-11
(REVISED)

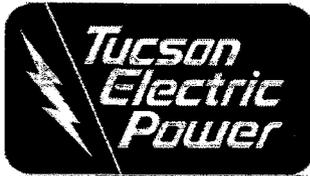
Department of Commerce
Bureau of Economic Warfare
Washington, D. C.

Division of International
Economic Warfare
Washington, D. C.



Proposed Redlined Tariffs

[The following text is extremely faint and largely illegible due to low contrast and bleed-through from the reverse side of the page. It appears to be a list or table of proposed tariff changes.]



**Pricing Plan R-01
Residential Electric
Service**

Tucson Electric Power Company

Original Sheet No: 101
Superseding:

Next 3,000 kWh	\$0.068960	\$0.033198	varies	\$0.102158
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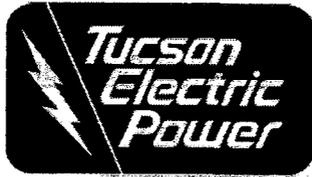
Winter (November - April)	Delivery Services Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.047309	\$0.025698	varies	\$0.073007
Next 3,000 kWh	\$0.067309	\$0.025698	varies	\$0.093007

Description	Summer (May - September)	Winter (October - April)
First 500 kWh	\$0.0617	\$0.0467
All remaining kWh	\$0.0837	\$0.0687

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-01
Effective: Pending-Corrected
Decision No.: 8-17-12



**Pricing Plan R-01
Residential Electric
Service**

Tucson Electric Power Company

Original Sheet No.: 101-2
Superseding:

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AZISA in Arizona.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

METER OPT-OUT

If a Customer chooses to not benefit from the less expensive option of automated meter reading equipment the Customer may choose an analog meter as long as the obsolete technology is economically available as an option. This is the only rate class this option is available to (i.e. no Time-of-Use or Lifeline rates). This option will result in a one-time meter charge-out fee and a monthly special read fee as specified in TEP's Statement of Charges. The monthly fee will apply even if the Customer chooses to self-read.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Description	Standard	
	Single Phase	Three Phase
Meter Services	\$1.95 per month	\$2.93 per month
Meter Reading	\$1.58 per month	\$2.40 per month
Billing & Collection	\$6.78 per month	\$10.17 per month
Customer Delivery	\$1.69 per month	\$2.50 per month
Total	\$12.00 per month	\$18.00 per month

Meter

Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.40 per month

Filed By: Kenton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-01
Effective: Pending-Corrected
Decision No.: 8-17-12



**Pricing Plan R-01
Residential Electric
Service**

Tucson Electric Power Company

Original Sheet No. 101-4
Superseding:

Energy Charge Components of Delivery Services (Unbundling):

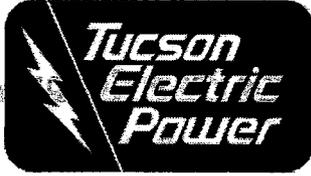
Component	Summer (May - September/October)	Winter (October/November - April)
First 500 kWh	\$0.026100025	\$0.011103076
All remaining kWh/Next 3,000 kWh	\$0.048122060	\$0.033123076
3,501 kWh and above	\$0.042060	\$0.043076
Generation Capacity	\$0.021032938	\$0.030274210
Fixed Must-Run/Fixed Must-Run	\$0.00384929	\$0.00293849
System Benefits	\$0.000468	\$0.000468
Transmission	\$0.00917525	\$0.00917525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.00010102	\$0.000102
Reactive Supply and Voltage Control	\$0.0005402	\$0.0005402
Regulation and Frequency Response	\$0.0005389	\$0.0005389
Spinning Reserve Service	\$0.00134055	\$0.0013055
Supplemental Reserve Service	\$0.000472	\$0.0002472
Energy Imbalance Service:	Currently charged pursuant to the Company's OATT.	
PPFAC	In accordance with Rider 1 - PPFAC	

Power Supply Charges:

Component	Base Power	Summer (May - October)	Winter (November - April)
First 500 kWh	100	\$0.033	\$0.0256
Next 3,000 kWh	100	\$0.033	\$0.0256
3,501 kWh and above	100	\$0.033	\$0.0256

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: R-01
Effective: Pending-Corrected
Decision No.: 8-17-12



**Pricing Plan R-201AN
Special Residential
Electric Service**

Tucson Electric Power Company

Original Sheet No.: 103
Superseding:

<u>Description</u>	<u>Summer (May - September)</u>	<u>Winter (October - April)</u>
First 500 kWh	\$0.0555	\$0.0420
All remaining kWh	\$0.0753	\$0.0618

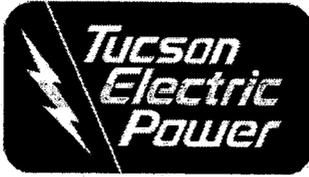
Energy Charge Components are unbundled into Delivery Services-Energy and Power Supply Charges.

All energy charges below are on a per kWh basis.

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC.

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: R-201AN
Effective: December 1, 2008 Pending-Correct
Page/Decision No Page 1 of 4 8-17-12



**Pricing Plan R-201AN
Special Residential
Electric Service**

Tucson Electric Power Company

Original Sheet No. 103-2
Superseding:

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AZISA in Arizona.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

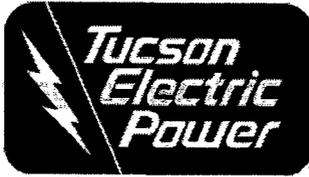
Customer Charge Components (Unbundled):

<u>Standard</u>	
<u>Description</u>	<u>Single Phase</u>
<u>Meter Services</u>	<u>\$1.95 per month</u>
<u>Meter Reading</u>	<u>\$1.58 per month</u>
<u>Billing & Collection</u>	<u>\$6.78 per month</u>
<u>Customer Delivery</u>	<u>\$1.69 per month</u>
<u>Total</u>	<u>\$12.00 per month</u>

<u>Lost Fixed Cost Recovery (LFCR) Fixed Charge Option - usage less than 2,000 kWh</u>	
<u>Description</u>	<u>Single Phase</u>
<u>Meter Services</u>	<u>\$1.95 per month</u>
<u>Meter Reading</u>	<u>\$1.58 per month</u>
<u>Billing & Collection</u>	<u>\$6.78 per month</u>
<u>Customer Delivery</u>	<u>\$1.69 per month</u>

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: R-201AN
Effective: December 1, 2008/Pending-Correct
Page/Decision No. Page 1 of 4 8-17-12



**Pricing Plan R-201AN
Special Residential
Electric Service**

Tucson Electric Power Company

Original Sheet No.: 103-4
Superseding:

Energy Charge Components of Delivery Services (Unbundled):

Component	Summer (May - September)	Winter (October - April)
Local Delivery-Energy		
First 500 kWh	\$0.0199	\$0.0064
All remaining kWh	\$0.0397	\$0.0262
Generation Capacity		
Generation Capacity	\$0.0210	\$0.0210
Fixed Must-Run	\$0.0029	\$0.0029
Transmission	\$0.0091	\$0.0091
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.0001	\$0.0001
Reactive Supply and Voltage Control	\$0.0005	\$0.0005
Regulation and Frequency Response	\$0.0005	\$0.0005
Spinning Reserve Service	\$0.0013	\$0.0013
Supplemental Reserve Service	\$0.0002	\$0.0002
Energy Imbalance Service	Currently charged pursuant to the Company's OATT	
PPFAC	In accordance with Rider 1 - PPFAC	

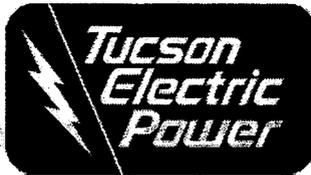
Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Component	Mid-Summer (June - August)	Remaining Summer (May, September - October)	Winter (November - April)
Local Delivery-Energy			
First 500 kWh	\$0.008275	\$0.006275	\$0.004275
Next 3,000 kWh	\$0.028275	\$0.026275	\$0.024275
Over 3,500 kWh	\$0.048275	\$0.046275	\$0.044275
Generation Capacity			
Generation Capacity	\$0.043361	\$0.002500	\$0.002500
Fixed Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and	\$0.000402	\$0.000402	\$0.000402

Filed By: Raymond S. Heyman/Kenton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: R-201AN
Effective: December 1, 2008/Pending-Correct
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**Pricing Plan R-201BN
Special Residential
Electric
Service "PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No.: 104
Superseding:

**Special Residential Electric Service "PowerShift™"
Time-of-Use Program (R-201BN)**

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To single phase (subject to availability at point of delivery) electric service in individual residences as described in current program details when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this Rate Schedule requires that the customer use exclusively the Company's service for all space heating and all water heating energy requirements except as provided below, and that the customer's home conform to the standards of the Heating, Cooling and Comfort Guarantee program. New homes must conform to the standards of the Company's approved efficiency program for new construction as in effect at the time of subscription to this Rate Schedule. Existing homes must conform to certain standards of the Company's approved efficiency program for existing homes as in effect at the time of subscription to this Rate. Company accredited testing and inspection is required for verification. Notwithstanding the above, the customer's use of solar energy for any purpose shall not preclude subscription to this Pricing plan rate.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Customers must stay on this pricing plan rate R-201BN for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period of this pricing plan rate, may opt to switch service to the non time of use pricing plan rate of R-201AN.

CHARACTER OF SERVICE

The service shall be single phase, 60 Hertz, nominal 120/240 volts and at one nominal voltage as mutually agreed and subject to availability at point of delivery.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan herein:

BUNDLED STANDARD OFFER SERVICE – SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charges:

Standard

Customer Charge, Single Phase service and minimum bill \$15.00 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option

Customer Charge, Single Phase with usage less than 2,000 kWh \$17.50 per month

Customer Charge, Single Phase with usage more than 2,000 kWh \$21.50 per month

Energy Charges: CUSTOMER CHARGE COMPONENTS OF DELIVERY SERVICES:

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: R-201BN
Effective: December 1, 2008/Pending-Correct
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**Pricing Plan R-201BN
Special Residential
Electric
Service "PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No.: 104-1
Superseding: _____

Mid-Summer Shoulder Peak (June - August)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.043962	\$0.038166	varies	\$0.082128
Next 3,000 kWh	\$0.063962	\$0.038166	varies	\$0.102128
Over 3,500 kWh	\$0.083962	\$0.038166	varies	\$0.122128

Mid-Summer Off-Peak (June - August)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.020362	\$0.033166	varies	\$0.058528
Next 3,000 kWh	\$0.040362	\$0.033166	varies	\$0.078528
Over 3,500 kWh	\$0.060362	\$0.033166	varies	\$0.098528

Remaining-Summer On Peak (May, September - October)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.047962	\$0.057356	varies	\$0.105318
Next 3,000 kWh	\$0.067962	\$0.057356	varies	\$0.125318
Over 3,500 kWh	\$0.087962	\$0.057356	varies	\$0.145318

Remaining-Summer Shoulder Peak (May, September - October)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.024162	\$0.018166	varies	\$0.042328
Next 3,000 kWh	\$0.044162	\$0.018166	varies	\$0.062328
Over 3,500 kWh	\$0.064162	\$0.018166	varies	\$0.082328

Remaining-Summer Off Peak	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: R-201BN
Effective: December 1, 2008/Pending-Correct
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**Pricing Plan R-201BN
Special Residential
Electric
Service "PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No.: 104-3
Superseding:

above or below the base cost per kWh sold. PPFAC may vary over time as the cost of energy changes relative to the Base Power component of Power Supply Charges.

3. Total is calculated above for illustrative purposes, and excludes PPFAC, because PPFAC varies over time pursuant to Rider 1 PPFAC. While only non-variable components are included in the illustration above, a Customer's actual bill in any given billing month will reflect the applicable PPFAC for that billing month.

Winter TOU periods:

Weekdays except Thanksgiving Day, Christmas Day, and New Years Day. If Christmas Day and New Years Day fall on Saturdays, the Weekend schedule applies on the preceding Fridays, December 24 and December 31. If Christmas Day and New Years Day fall on Sundays, the Weekend schedule applies on the following Mondays, December 26 and January 2.

On Peak: 6:00 a.m. to 10:00 a.m. and 5:00 p.m. to 9:00 p.m.
Shoulder Peak: no shoulder peak periods in the winter.
Off Peak: 12:00 a.m. (midnight) to 6:00 a.m., 10:00 a.m. to 5:00 p.m., and 9:00 p.m. to 12:00 a.m. (midnight)

Weekends (Saturday and Sunday), Thanksgiving Day, Christmas Day (or December 24 or December 26, under above conditions), and New Years Day (or December 31 or January 2, under above conditions).

On Peak: (There are no On Peak weekend hours)
Shoulder Peak: (There are no Shoulder Peak weekend hours)
Off Peak: All hours.

LOST FIXED COST RECOVERY (LFCR) – RIDER 8

For those Customers who choose not to participate in the volumetric recovery of lost revenues associated with the promotion of energy efficiency, a higher monthly Customer Charge will apply and the volumetric LFCR will not be included on the bill. All other Customers will pay the Standard monthly Customer Charge and the volumetric LFCR. Customers can choose the fixed charge option one (1) time per calendar year. Once the Customer chooses to contribute to the LFCR through a fixed charge they must pay the higher monthly Customer Charge for a complete twelve (12) month period.

During the first twelve (12) months after the effective date of the LFCR the Customer may request to switch between opting-out and not opting-out of the LFCR once every six (6) months at a time (waiver period). At the end of the twelve (12) months from the effective date of the LFCR, the Customer will not be able to switch again until an additional twelve (12) months have transpired. The waiver period will expire July 1, 2015.

RESIDENTIAL LIFELINE MONTHLY DISCOUNT

No Lifeline discount will be applied that will reduce the volumetric charges to less than zero.

<u>Discontinued Rate:</u>	<u>Monthly Discount will be applied to the total bill excluding the Customer Charge:</u>	<u>Discontinued Rate:</u>	<u>Monthly Discount will be applied to the total bill excluding the Customer Charge:</u>
R-05-201BF	25%	R-06-201B	\$10.00

Filed By: Raymond S. Heyman Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: R-201BN
Effective: December 1, 2008 Pending-Correct
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**Pricing Plan R-201BN
Special Residential
Electric
Service "PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No.: 104-5
Superseding:

Customer Delivery	\$2.12 per month
Total	\$15.00 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option - usage less than 2,000 kWh	
Description	Single Phase
Meter Services	\$2.44 per month
Meter Reading	\$1.97 per month
Billing & Collection	\$8.47 per month
Customer Delivery	\$2.12 per month
LFCR	\$2.50 per month
Total	\$17.50 per month

Lost Fixed Cost Recovery (LFCR) Fixed Charge Option - usage more than 2,000 kWh	
Description	Single Phase
Meter Services	\$2.44 per month
Meter Reading	\$1.97 per month
Billing & Collection	\$8.47 per month
Customer Delivery	\$2.12 per month
LFCR	\$6.50 per month
Total	\$21.50 per month

Customer Charge Components of Delivery Services (Unbundled)

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.20 per month
Customer Delivery	\$2.40 per month
	\$8.00 per month

Energy Charge Components (Unbundled)

Summer (May - September)	On-Peak	Off-Peak
Local Delivery-Energy ⁴	\$0.0221	\$0.0207
Generation Capacity	\$0.0210	\$0.0210
Fixed Must-Run	\$0.0029	\$0.0029
Transmission	\$0.0086	\$0.0086
Transmission Ancillary Services consists of the following charges:		

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: R-201BN
Effective: December 1, 2008/Pending-Correct
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**Pricing Plan R-201BN
Special Residential
Electric
Service "PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No.: 104-7
Superseding:

(June—August)	On-Peak	Shoulder-Peak	Off-Peak
Local Delivery Energy			
First 500 kWh	\$0.037000	\$0.012000	\$0.000400
Next 3,000 kWh	\$0.057000	\$0.032000	\$0.020400
Over 3,500 kWh	\$0.077000	\$0.052000	\$0.040400

Remaining Summer (May, September—October)	On-Peak	Shoulder-Peak	Off-Peak
Local Delivery Energy			
First 500 kWh	\$0.010000	\$0.003000	\$0.000100
Next 3,000 kWh	\$0.030000	\$0.023000	\$0.020100
Over 3,500 kWh	\$0.050000	\$0.043000	\$0.040100

Winter (November—April)	On-Peak	Off-Peak
Local Delivery Energy		
First 500 kWh	\$0.010000	\$0.000100
Next 3,000 kWh	\$0.030000	\$0.020100
Over 3,500 kWh	\$0.050000	\$0.040100

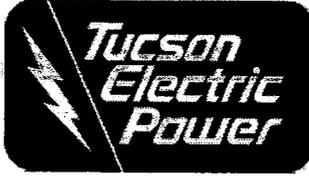
Generation Capacity	Mid-Summer (June—August)	Remaining-Summer (May, September—October)	Winter (November—April)
On-Peak	\$0.060000	\$0.024000	\$0.024000
Shoulder-Peak	\$0.018000	\$0.007200	N/A
Off-Peak	\$0.006000	\$0.002400	\$0.002400

All Seasons—All Components	
Fixed Must-Run	\$0.003849
System Benefits	\$0.000468
Transmission	\$0.007525
Transmission Ancillary Services consists of the following charges:	
System Control & Dispatch	\$0.000102
Reactive Supply and Voltage Control	\$0.000402
Regulation and Frequency Response	\$0.000389
Spinning Reserve Service	\$0.001055
Supplemental Reserve Service	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.	

Power Supply Charge				
Base	Power	Mid-Summer	Remaining-Summer	Winter

Filed By: Raymond S. Heyman/Kenton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: R-201BN
Effective: December 1, 2008/Pending-Correct
Page/Decision No: Page 1 of 7 8-17-12



**Pricing Plan GS-10
General Service**

Tucson Electric Power Company

Original Sheet No. 201
Superseding:

Small General Service (GS-10)

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises. To all general power and lighting service unless otherwise addressed by specific pricing plan Rates.

APPLICABILITY

When all energy is supplied at one point of delivery and through one metered service. Not applicable to resale, breakdown, temporary, standby, or auxiliary service.

The supply of electric service under a residential Rate schedule to a dwelling involving some business or professional activity will be permitted only where such activity is of only occasional occurrence, or where the electricity used in connection with such activity is small in amount and used only by equipment which would normally be in use if the space were used as living quarters. Where the portion of a dwelling is used regularly for business, professional or other gainful purposes, and any considerable amount of electricity is used for other than domestic purposes, or electrical equipment not normally used in living quarters is installed in connection with such activities referred to above, the entire premises must be classified as non-residential and the appropriate general service rate will be applied.

For Customers who were previously on Municipal Service Rate (PS-40), a monthly discount of 16.5% will be applied to the total bill excluding the Customer Charge.

CHARACTER OF SERVICE

The service shall be single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering may be used by mutual agreement.

RATE

A monthly net bill at the following rate, plus any adjustments incorporated in this pricing plan herein:

BUNDLED STANDARD OFFER SERVICE – SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charges:

_____ service and minimum bill	Customer Charge, Single Phase
	\$-18.00 per month
_____ service and minimum bill	Customer Charge, Three Phase
	\$244.00 per month

_____ Energy Charges: All energy charges below are charged on a per kWh basis.

Energy Charges: Delivery Charge

	Summer (May – October)	Winter (November – April)
First 500 kWh	\$0.056236	\$0.051252
All remaining kWhs	\$0.085145	\$0.080145

Description	Summer (May – September)	Winter (October - April)

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: GS-10
Effective: December 1, 2008/Pending-Correct
Page/Decision No: 1 of 4 8-17-12



**Pricing Plan GS-10
General Service**

Tucson Electric Power Company

Original Sheet No.: 201-1
Superseding:

When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.

- (a) When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: GS-10
Effective: Pending
Decision No.:



**Pricing Plan GS-10
General Service**

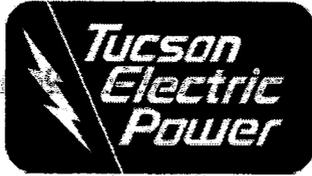
Tucson Electric Power Company

Original Sheet No. 201-3
Superseding: _____

_____ Billing & Collection	_____ \$3.23 per month
_____ Customer Delivery	_____ \$1.85 per month
_____ Note: Additional meter service charge of \$6.00 per month for Three Phase Service.	

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: GS-10
Effective: Pending
Decision No.: _____



**Pricing Plan GS-10
General Service**

Tucson Electric Power Company

Original Sheet No. 201-5
Superseding:

Supply and Voltage Control	\$0.000390 per kWh	Reactive
and Frequency Response	\$0.000377 per kWh	Regulation
Reserve Service	\$0.001024 per kWh	Spinning
Supplemental Reserve Service	\$0.000167 per kWh	Energy
Imbalance Service: currently charged pursuant to the Company's OATT.		
Base Power Supply Charge		
Summer	\$0.031550 per kWh	
Winter		

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: GS-10
Effective: Pending
Decision No.:



**Pricing Plan GS-11F
(FROZEN)
Mobile Home Park
Electric Service**

Tucson Electric Power Company

Original Sheet No.: 202
Superseding:

DISCONTINUED

~~Purchased Power and Fuel Adjustment Clause ("PPFAC"): The Base Power Supply Charge shall be subject to a per kWh adjustment in accordance with Rider 1 PPFAC to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.~~

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC.

ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

~~(b) When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the demand each month.~~

~~(a) When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the demand each month.~~

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: GS-11F (FROZEN)
Effective: December 1, 2008 Pending-Correct
Page/Decision No: 1 of 3 8-17-12



**Pricing Plan GS-11F
(FROZEN)
Mobile Home Park
Electric Service**

Tucson Electric Power Company

Original Sheet No.: 202-2
Superseding: _____

DISCONTINUED

<u>Meter Reading</u>	<u>\$1.10 per month</u>	<u>\$1.47 per month</u>
<u>Billing & Collection</u>	<u>\$4.73 per month</u>	<u>\$6.30 per month</u>
<u>Customer Delivery</u>	<u>\$5.62 per month</u>	<u>\$7.49 per month</u>
<u>Total</u>	<u>\$18.00 per month</u>	<u>\$24.00 per month</u>

Filed By: Raymond S. Heyman Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No-Rate: GS-11F (FROZEN)
Effective: December 1, 2008 Pending-Correct
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**Pricing Plan GS-11F
(FROZEN)
Mobile Home Park
Electric Service**

Tucson Electric Power Company

Original Sheet No.: 202-4
Superseding: _____

DISCONTINUED

Generation Capacity	Summer	\$0.036768 per kWh
	Winter	\$0.022229 per kWh
Fixed Must Run		\$0.003293 per kWh
System Benefits		\$0.000443 per kWh
Transmission		\$0.007298 per kWh
Transmission Ancillary Services		
	System Control & Dispatch	\$0.000099 per kWh
	Reactive Supply and Voltage Control	\$0.000390 per kWh
	Regulation and Frequency Response	\$0.000377 per kWh
	Spinning Reserve Service	\$0.001024 per kWh
	Supplemental Reserve Service	\$0.000167 per kWh
	Energy Imbalance Service: currently	charged pursuant to the Company's OATT.
Base Power Supply Charge		\$0.028730 per kWh

Filed By: Raymond S. Heyman Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: GS-11F (FROZEN)
Effective: December 1, 2008 Pending-Correct
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Pricing Plan GS-76N
General Service
"PowerShift™"
Time-of-Use Program

Tucson Electric Power Company

Original Sheet No. 203
 Superseding:

(May - October)	On-Peak	Shoulder Peak	Off-Peak
First 500 kWh	\$0.153751	\$0.041416	\$0.027416
Over 500 kWh	\$0.182660	\$0.070325	\$0.056325

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC.

ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.

The Summer periods below apply to all summer days:

On-Peak: 2:00 p.m. to 6:00 p.m.

Shoulder Peak: 12:00 p.m. (noon) to 2:00 p.m. and 6:00 p.m. to 8:00 p.m.

Off-Peak: 12:00 a.m. (midnight) to 12 p.m. (noon) and 8:00 p.m. to 12:00 a.m. (midnight)

Delivery Charge

WINTER (November - April)	On Peak	Off Peak
First 500 kWh	\$0.088434	\$0.027416
Over 500 kWh	\$0.117327	\$0.056308

Filed By: Raymond S. Heyman/Kentton C. Grant
 Title: Senior Vice President of Finance and Rates, General Counsel
 District: Entire Electric Service Area

Tariff No./Rate: GS-76N
 Effective: December 1, 2008/Pending-Correct
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**Pricing Plan GS-76N
General Service
"PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No.: 203-2
Superseding:

DIRECT ACCESS

A Customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AZISA in Arizona.

PRIMARY SERVICE

The Rates contained in this Schedule are designed to reflect secondary service but where service is taken at primary voltage will be subject to a primary discount of 20.6 cents per kW per month (on the bundled rate, with the discount taken from the unbundled kW delivery charge) on the billing demand each month.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: ~~Raymond S. Heyman~~ Kentton C. Grant
Title: ~~Senior Vice President of Finance and Rates, General Counsel~~
District: Entire Electric Service Area

Tariff No./Rate: GS-76N
Effective: December 1, 2008 ~~Pending-Correct~~
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**Pricing Plan GS-76N
General Service
"PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No. 203-4
Superseding:

Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.0001	\$0.0001
Reactive Supply and Voltage Control	\$0.0003	\$0.0003
Regulation and Frequency Response	\$0.0003	\$0.0003
Spinning Reserve Service	\$0.0008	\$0.0008
Supplemental Reserve Service	\$0.0001	\$0.0001
Energy Imbalance Service:	Currently charged pursuant to the Company's OATT.	
PPFAC	In accordance with Rider 1 - PPFAC	

Energy Charges (kWh):

Delivery Charge

DELIVERY SUMMER (May—October)	On-Peak	Shoulder Peak	Off-Peak
First 500 kWh	\$0.055317	\$0.007982	\$0.003982
Over 500 kWh	\$0.084226	\$0.036891	\$0.032891

DELIVERY WINTER (November—April)	On-Peak	Off-Peak
First 500 kWh	\$0.020000	\$0.003981
Over 500 kWh	\$0.048993	\$0.032874

Generation Capacity

Summer On-Peak \$0.085343 per kWh
 Summer Shoulder Peak \$0.020343 per kWh
 Summer Off-Peak \$0.010343 per kWh

Winter On-Peak \$0.055343 per kWh

Winter Off-Peak \$0.010343 per kWh

Fixed Must-Run \$0.003293 per kWh

System Benefits \$0.000443 per kWh

Transmission \$0.007298 per kWh

Transmission Ancillary Services:

System Control & Dispatch \$0.000099 per kWh
 Reactive Supply and Voltage Control \$0.000390 per kWh

Filed By: Raymond S. Heyman/Kentton C. Grant
 Title: Senior Vice President of Finance and Rates, General Counsel
 District: Entire Electric Service Area

Tariff No./Rate: GS-76N
 Effective: December 1, 2008/Pending-Correct
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**Pricing Plan GS-76N
General Service
"PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No.: 203-6
Superseding:

Energy Charge Components (Unbundled)

<u>Winter (October - April)</u>	<u>On-Peak</u>	<u>Off-Peak</u>
<u>Delivery-Energy</u>	<u>\$0.0328</u>	<u>\$0.0228</u>
<u>Generation Capacity</u>	<u>\$0.0318</u>	<u>\$0.0318</u>
<u>Fixed Must-Run</u>	<u>\$0.0032</u>	<u>\$0.0032</u>
<u>Transmission</u>	<u>\$0.0055</u>	<u>\$0.0055</u>
<u>Transmission Ancillary Services consists of the following charges:</u>		
<u>System Control & Dispatch</u>	<u>\$0.0001</u>	<u>\$0.0001</u>
<u>Reactive Supply and Voltage Control</u>	<u>\$0.0003</u>	<u>\$0.0003</u>
<u>Regulation and Frequency Response</u>	<u>\$0.0003</u>	<u>\$0.0003</u>
<u>Spinning Reserve Service</u>	<u>\$0.0008</u>	<u>\$0.0008</u>
<u>Supplemental Reserve Service</u>	<u>\$0.0001</u>	<u>\$0.0001</u>
<u>Energy Imbalance Service:</u>	<u>Currently charged pursuant to the Company's OATT</u>	
<u>PPFAC</u>	<u>In accordance with Rider 1 - PPFAC</u>	

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: GS-76N
Effective: December 1, 2008/Pending-Correct
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**Pricing Plan LGS-13
Large General Service**

Tucson Electric Power Company

Original Sheet No. 204
Superseding:

The billing demand will be the highest of i) the fifteen (15) minute measured demand in the month, ii) the highest fifteen (15) minute measured demand within the proceeding eleven (11) months, iii) the contract demand, or iv) 200 kW.

ADJUSTMENT FOR PRIMARY SERVICE AND METERING

When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.

The Company may require a written contract with a minimum contract demand and a minimum term of contract.

Purchased Power and Fuel Adjustment Clause ("PPFAC"): The Base Power Supply Charge shall be subject to a per kWh adjustment in accordance with Rider 1 PPFAC to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.

BILLING DEMAND

The maximum 15 minute measured demand in the month, but not less than 50% of the maximum demand used for billing purposes in the preceding 11 months, nor less than the contract demand, nor less than 200 kW.

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: LGS-13
Effective: December 1, 2008/Pending-Correct
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**Pricing Plan LGS-13
Large General Service**

Tucson Electric Power Company

Original Sheet No. 204-2
Superseding:

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman Kentton C. Grant
Title: Senior Vice President of Finance and Rates General Counsel
District: Entire Electric Service Area

Tariff No. Rate: LGS-13
Effective: December 1, 2008 Pending-Correct
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**Pricing Plan LGS-13
Large General Service**

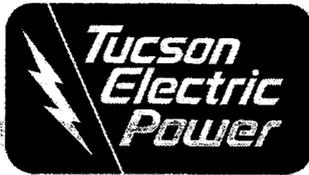
Tucson Electric Power Company

Original Sheet No. 204-4
Superseding:

	Transmission	\$2.685 per
kW		
	Transmission Ancillary Services	
	System	
Control & Dispatch	\$0.036 per kW	
	Reactive	
Supply and Voltage Control	\$0.143 per kW	
	Regulation and Frequency Response	
	\$0.139 per kW	
	Spinning	
Reserve Service	\$0.377 per kW	
	Supplemental Reserve Service	
	\$0.061 per kW	
	Energy	
Imbalance Service: currently charged pursuant to the Company's OATT.		
	<u>Energy Charges (kWh):</u>	
	Delivery Charge	
	Summer	\$0.012397
per kWh		
	Winter	
	\$0.010651 per kWh	
	Generation Capacity	
	\$0.009523 per kWh	
	Fixed Must-	
Run	\$0.00329315 per kWh	
	System	
Benefits	\$0.000443 per kWh	
	Base Power Supply Charge	
	Summer	
	\$0.032554	
per kWh		
	Winter	
	\$0.025054	
per kWh		

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: LGS-13
Effective: December 1, 2008/Pending-Correct
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**Pricing Plan LGS-85N
Large General Service
"PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No.: 205
Superseding: _____

Note:

1. For demand billing, "on-peak demand" shall be based on demand measured during both peak and shoulder peak periods.
2. For demand billing, "off-peak demand" shall be based on demand measured during the off-peak periods.
3. Unlike Schedules LLP Rates 85A, 85F, 90A, 90F, and 90N, the demand charges above are NOT excess demand charges; they apply to all Off-Peak kW, not just Off-Peak kW in excess of 150% of Peak kW.

Energy Charges: All energy charges below are charged on a per kWh basis.

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC.

Delivery Charge

	Summer (May—October)	Winter (November—April)
On-Peak	\$0.007500	\$0.002500
Shoulder Peak	\$0.005000	N/A
Off-Peak	\$0.002500	\$0.000000

Filed By: Raymond S. Heyman Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: LGS-85N
Effective: December 1, 2008 Pending-Correct
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**Pricing Plan LGS-85N
Large General Service
"PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No.: 205-2
Superseding:

billing demand in the preceding eleven (11) months, unless otherwise specified in the contract, less than the contract demand, or less than 200 kW.

PRIMARY SERVICE

The Rates contained in this Schedule are designed to reflect secondary service and shall but where service is taken at primary voltage will be subject to a primary discount of 20.6 cents per kW per month (on the bundled rate, with the discount taken from the unbundled kW delivery charge) on the billing demand each month.

DIRECT ACCESS

A Customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AZISA in Arizona.

Filed By: Raymond S. Heyman Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: LGS-85N
Effective: December 1, 2008 Pending-Correct
Page/Decision No 1 of 6 8-17-12



**Pricing Plan LGS-85N
Large General Service
"PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No.: 205-4

Superseding: _____

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charges:

Meter Services	\$281.99 per month
Meter Reading	\$ 57.61 per month
Billing & Collection	\$250.51 per month
Customer Delivery	\$509.89 per month

Demand Charges (\$/kW)

Demand Charges (in \$/kW)	
Summer	\$10.36 per kW
Winter	\$ 8.36 per kW

Generation Capacity Charges (in \$/kW) \$6.04 per kW

Transmission (in \$/kW) \$2.81 per kW

Transmission - Ancillary Services System Control & Dispatch (in \$/kW)

System Control & Dispatch	\$0.0400 per kW
Reactive Supply and Voltage Control	\$0.1500 per kW
Regulation and Frequency Response	\$0.1500 per kW
Spinning Reserve Service	\$0.3900 per kW
Supplemental Reserve Service	\$0.0600 per kW

Energy Imbalance Service: currently charged pursuant to the Company's OATT.

Energy Charges (\$/kWh):

Delivery Charges (in \$/kWh)	
Summer On-peak	\$0.0044 per kWh
Summer Off-peak	\$0.0036 per kWh
Winter On-peak	\$0.0028 per kWh
Winter Off-peak	\$0.0019 per kWh
Fixed Must-Run Charges (in \$/kWh)	\$0.0001 per kWh

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charges:	
Meter Services	\$223.128 per month
Meter Reading	\$ 18.594 per month

Filed By: Raymond S. Heyman/Kenton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: LGS-85N
Effective: December 1, 2008 Pending-Correct
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**Pricing Plan LGS-85N
Large General Service
"PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No.: 205-6
Superseding:

	Summer Off peak
Demand	\$ 1.544 per kW
	Winter On-peak
Demand	\$ 1.301 per kW
	Winter Off-peak
Demand	\$ 1.301 per kW
Transmission - Ancillary Services 1 System	
Control & Dispatch	
	Summer On-peak
Demand	\$ 0.026 per kW
	Summer Off-peak
Demand	\$ 0.021 per kW
	Winter On-peak
Demand	\$ 0.018 per kW
	Winter Off-peak
Demand	\$ 0.018 per kW
Transmission - Ancillary Services 2 Reactive Supply and Voltage Control	
	Summer On-peak
Demand	\$ 0.101 per kW
	Summer Off-peak
Demand	\$ 0.083 per kW
	Winter On-peak
Demand	\$ 0.070 per kW
	Winter Off-peak
Demand	\$ 0.070 per kW
Transmission - Ancillary Services 3	
Regulation and Frequency Response	
	Summer On-peak
Demand	\$ 0.098 per kW
	Summer Off-peak
Demand	\$ 0.080 per kW
	Winter On-peak
Demand	\$ 0.067 per kW
	Winter Off-peak
Demand	\$ 0.067 per kW
Transmission - Ancillary Services 4	
Spinning Reserve Service	
	Summer On-peak
Demand	\$ 0.265 per kW
	Summer Off-peak
Demand	\$ 0.217 per kW

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: LGS-85N
Effective: December 1, 2008/Pending-Correct
Page/Decision No: 1 of 6 8-17-12



**Pricing Plan LLP-14
Large Light and Power
Service**

Tucson Electric Power Company

Original Sheet No.: 301
Superseding: _____

Large Light and Power Service (LLP-14)

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To all large general power and lighting service on an optional basis when all energy is supplied at one point of delivery and through one metered service. The minimum monthly billing demand hereunder is 3,000 kW.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service.

CHARACTER OF SERVICE

Service shall be three phase, 60 Hertz, Primary Service, and shall be supplied directly from any 46,000 volt, or higher voltage, system at a delivery voltage of not less than 13,800 volts and delivered at a single point of delivery unless otherwise specified in the contract.

The minimum monthly billing demand hereunder is 3,000 kW.

PRICE SCHEDULE RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan herein:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge: _____ Customer Charge and minimum Bill \$2,050.00
per month

Demand Charge: (Includes Generation Capacity):
\$1921.0240 per kW of Billing Demand per month

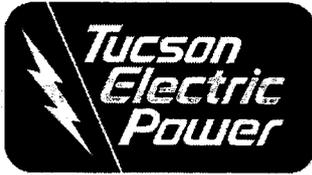
Energy Charges: Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.

_____ Energy Delivery Charges: _____ Summer
\$0.0090 per kWh
_____ Winter _____ \$0.0080 per kWh

Energy Charge (excluding Fuel & Purchase Power): _____ \$0.000433 per kWh

Filed By: Raymond S. Heyman Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: LLP-14
Effective: December 1, 2008 Pending-Correct
Page/Decision No 1 of 3 8-17-12



**Pricing Plan LLP-14
Large Light and Power
Service**

Tucson Electric Power Company

Original Sheet No.: 301-1
Superseding: _____

BILLING DEMAND

The billing demand will be either the highest fifteen (15) minute measured demand within the preceding eleven (11) months, less than the contract demand, or less than 3000 kW.

PRIMARY SERVICE

The above Rate is subject to Primary Service and Metering. The Customer will provide the entire distribution system (including transformers) from the point of delivery to the load. The energy and demand shall be metered on primary side of the transformer.

POWER FACTOR ADJUSTMENT

The above rate is subject to a charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is below 100%

POWER FACTOR ADJUSTMENT

The above rate is subject to a discount or a charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is above or below 90% lagging to a maximum discount of 13.0¢ per kW of billing demand per month.

DIRECT ACCESS

A Customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AZISA in Arizona.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

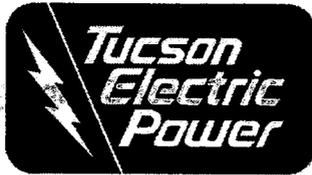
TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: LLP-14
Effective: December 1, 2008 Pending-Correct
Page/Decision No 1 of 3 8-17-12



**Pricing Plan LLP-14
Large Light and Power
Service**

Tucson Electric Power Company

Original Sheet No: 301-3
Superseding: _____

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charges:

Meter Services	\$ 477.35300.00 per month
Meter Reading	\$ 111.83025.00 per month
Billing & Collection	\$ 487.16150.00 per month
Customer Delivery	\$ 923.66025.00 per month
Total	\$2,000.00 per month

Demand Charges:

Delivery Charge (in \$/kW)	\$10.18 per kW
Generation Capacity Charges (in \$/kW)	\$8.2500 per kW
Fixed Must-Run Charges (in \$/kW)	\$0.0016 per kWh
Transmission (in\$/kW)	\$2.0000 per kW
Transmission Ancillary Services (in \$/kW)	
System Control & Dispatch	\$0.0300 per kW
Reactive Supply and Voltage Control	\$0.1100 per kW
Regulation and Frequency Response	\$0.1000 per kW
Spinning Reserve Service	\$0.2800 per kW
Supplemental Reserve Service	\$0.0500 per kW
<u>Energy Imbalance Service: currently charged pursuant to the Company's OATT.</u>	

Energy Charges:

Delivery Charges (in \$/kWh)	
Summer	\$0.0074 per kWh
Winter	\$0.0064 per kWh
Generation Capacity	\$12.832 per kW per month
Fixed Must Run	\$01.862 per kW per month
Transmission	\$0.00443.378 per kW per month
Transmission Ancillary Services	
System Control & Dispatch	\$0.046 per kW per month
Reactive Supply and Voltage Control	\$0.180 per kW per month
Regulation and Frequency Response	\$0.175 per kW per month
Spinning Reserve Service	\$0.474 per kW per month
Supplemental Reserve Service	\$0.077 per kW per month
<u>Energy Imbalance Service: currently charged pursuant to the Company's OATT.</u>	

Energy Charges:

Filed By: Raymond S. Heyman/Kenton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: LLP-14
Effective: December 1, 2008/Pending-Correct
Page/Decision No 1 of 3 8-17-12



**Pricing Plan LLP-90N
Large Light and Power
Service "PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No.: 302
Superseding:

**Large Light and Power Service
Time of Use Program (LLP-90N)**

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To all large general power and lighting service on an optional basis when all energy is supplied at one point of delivery and through one metered service. The minimum monthly billing demand hereunder is 3000 kW.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service.

CHARACTER OF SERVICE

Service shall be three phase, 60 Hertz, Primary Service, and shall be supplied directly from any 46,000 volt, or higher voltage, system at a delivery voltage of not less than 13,800 volts and delivered at a single point of delivery unless otherwise specified in the contract. The minimum monthly billing demand hereunder is 3,000 kW.

Customers must stay on this pricing plan Rate LLP-90N for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period under this pricing plan, may opt to switch service to the non-time-of-use pricing plan LLP-14.

RATE

A monthly net bill at the following Rate plus any adjustments incorporated in this pricing plan herein:

BUNDLED STANDARD OFFER SERVICE – SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge: Customer Charge and minimum bill
\$2,205.00 per month

Demand Charges:
(includes Generation Capacity):
Summer On-peak \$22,000.030 per kW
Summer Off-peak Excess Demand \$10.030 per kW
Winter On-peak \$195.030 per kW

Energy Charges:

<u>Description</u>	<u>Summer (May – September)</u>	<u>Winter (October - April)</u>
<u>On-Peak</u>	\$0.0061	\$0.0056
<u>Off-Peak</u>	\$0.0051	\$0.0046

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: LLP-90N
Effective: December 1, 2008/Pending - Corrected
Page/Decision No: 1 of 5 8-17-2012



**Pricing Plan LLP-90N
Large Light and Power
Service "PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No. 302-1
Superseding:

TIME-OF-USE TIME PERIODS

The Summer On-Peak period is 10:00 a.m. to 9:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The Winter On-Peak periods are 6:00 a.m. - 10:00 a.m. and 5:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

BILLING DEMAND

The billing demand will be either the highest fifteen (15) minute measured demand within the preceding eleven (11) months, less than the contract demand, or less than 3000 kW.

PRIMARY SERVICE

The above rate is subject to Primary Service and Metering. The Customer will provide the entire distribution system (including transformers) from the point of delivery to the load. The energy and demand shall be metered on primary side of transformers.

POWER FACTOR ADJUSTMENT

The above rate is subject to a discount or a charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is above or below 109.0% lagging to a maximum discount of 13.0¢ per kW of billing demand per month.

DIRECT ACCESS

A Customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AZISA in Arizona.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan ~~Rate~~.

Filed By: ~~Raymond S. Heyman~~ Kenton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: LLP-90N
Effective: December 1, 2008 Pending - Correc
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**Pricing Plan LLP-90N
Large Light and Power
Service "PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No: 302-3
Superseding:

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charges:

Meter Services	\$ 277.50300.00 per month
Meter Reading	\$1,586.89025.00 per month
Billing & Collection	\$ 63.70450.00 per month
Customer Delivery	\$ 271.91-25.00 per month

Demand Charges (\$/kW)

<u>Demand Charges (in \$/kW)</u>	
Summer	\$10.60 per kW
Winter	\$ 7.60 per kW
<u>Delivery Charges (in \$/kWh)</u>	
<u>Generation Capacity Charges (in \$/kW)</u>	
	Summer On-peak
	\$13.9770.0016 per kW
per kW	Summer Off-peak Excess Demand
	\$ 4.8410.0006
per kW	Winter On-peak
	\$10.0580.0011
per kW	Winter Off-peak Excess Demand
	\$ 3.4220.0001
<u>Generation Capacity Charges (in \$/kW)</u>	
	\$6.7600 per kW
<u>Fixed Must Run Charges (in \$/kW)</u>	
	\$0.0003 per kW
	Summer & Winter On-peak
	\$ 1.728 per kW
	Summer & Winter Off-peak Excess Demand
	\$ 0.864 per kW
<u>Transmission (in \$/kW)</u>	
	\$3.6200 per kW
	Summer On-peak Demand & Off-peak Excess Demand (kW)
	\$ 3.374 per kW
	Winter On-peak Demand & Off-peak Excess Demand (kW)
	\$ 2.531 per kW
<u>Transmission - Ancillary Services (in \$/kW)-1</u>	
	System Control & Dispatch
	\$0.0500 per kW
	Summer On-peak Demand & Off-peak Excess Demand (kW)
	\$ 0.046 per kW
	Winter On-peak Demand & Off-peak Excess Demand (kW)
	\$ 0.034 per kW
<u>Transmission - Ancillary Services-2</u>	
	Reactive Supply and Voltage Control
	\$0.1900 per kW
	Summer On-peak Demand & Off-peak Excess Demand (kW)
	\$ 0.180 per kW
	Winter On-peak Demand & Off-peak Excess Demand (kW)
	\$ 0.135 per kW

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: LLP-90N
Effective: December 1, 2008/Pending - Correc
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**Pricing Plan LLP-90N
Large Light and Power
Service "PowerShift™"
Time-of-Use Program**

Tucson Electric Power Company

Original Sheet No. 302-5
Superseding:

Shoulder-Peak	\$0.041786	N/A
Off-Peak	\$0.026872	\$0.019542

Filed By: ~~Raymond S. Heyman~~ Kenton C. Grant
Title: ~~Senior Vice President of Finance and Rates~~ General Counsel
District: Entire Electric Service Area

Tariff No./Rate: LLP-90N
Effective: December 1, 2008 Pending - Correc
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**Pricing Plan PS-41
Traffic Signal and Street
Lighting Service**

Tucson Electric Power Company

Original Sheet No.: 501
Superseding:

Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this pricing plan rate will be applied to the Customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AZISA in Arizona.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

Filed By: Raymond S. Heyman Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: PS-41
Effective: December 1, 2008 Pending-Correct
Page/Decision No: 1 of 2 8-17-12



**Pricing Plan PS-41
Traffic Signal and Street
Lighting Service**

Tucson Electric Power Company

Original Sheet No. 501-2
Superseding: _____

Filed By: ~~Raymond S. Heyman~~ Kentton C. Grant
Title: ~~Senior Vice President of Finance and Rates~~ General Counsel
District: Entire Electric Service Area

Tariff No./Rate: PS-41
Effective: December 1, 2008 Pending-Correct
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**Pricing Plan PS-50
Public Street Lighting
Service**

Tucson Electric Power Company

Original Sheet No. 502
Superseding:

Service	55LJG			Watt		Service	
per unit per month	\$0.427	\$0.543	\$0.776	\$1.940	\$3.104	\$0.000	\$0.000

Energy Charges:

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually in accordance with Rider-1-PPFAC. Purchased Power and Fuel Adjustment Clause ("PPFAC"): The Base Power Supply Charge shall be subject to a per kWh adjustment in accordance with Rider 1 PPFAC to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.

Filed By: Raymond S. Heyman Kentton C. Grant
 Title: Senior Vice President of Finance and Rates, General Counsel
 District: Entire Electric Service Area

Tariff No./Rate: PLS-50
 Effective: December 1, 2008 Pending-Correct
 Page/Decision No 1 of 3 8-17-12



**Pricing Plan PS-50
Public Street Lighting
Service**

Tucson Electric Power Company

Original Sheet No.: 502-2
Superseding:

- (5) If a cCustomer requests a relocation of a lighting installation, the costs of such relocation must be borne by the cCustomer.
- (6) The cCustomer is expected to notify the Company when lamp outages occur.
- (7) The Company will use diligence in maintaining service; however, monthly bills will not be reduced because of lamp outages.
- (8) After the minimum contract period, if any, has expired, this agreement shall be extended from year to year unless written notice of desire to terminate is given by either party the customer at least thirty (30) days prior to the end of any such annual extension date. The Company reserves the right not to extend or cancel the lighting agreement at any time after the initial minimum contract period has expired.
- (9) Light installation is subject to the governmental agency approval process.
- (10) The customer is responsible for all civil installation requirements as specified by the Company in accordance with the Electrical Service Requirements.
- (8)(11) In the event a public improvement project conflict(s) with existing lighting facilities, the impacted facilities will be removed.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

	55OH, 55P, 55UG	70UG	100 Watt	250 Watt	400 Watt
Delivery Charge	\$6.458	\$6.204	\$5.697	\$6.860	\$10.337
Generation Capacity	\$0.320	\$0.407	\$0.581	\$1.453	\$2.325
Fixed Must Run	\$0.038	\$0.048	\$0.069	\$0.173	\$0.277
System Benefits	\$0.007	\$0.009	\$0.120	\$0.031	\$0.050
Transmission	\$0.442	\$0.563	\$0.804	\$2.009	\$3.214

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: PLS-50
Effective: December 1, 2008/Pending-Correct
Page/Decision No: 1 of 3 8-17-12



**Pricing Plan PS-43
Municipal Water
Pumping Service**

Tucson Electric Power Company

Original Sheet No.: 601
Superseding: _____

Water Pumping Service (GS-43)

AVAILABILITY

Available for service to the City of Tucson Water Utility and private water Companies where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

Applicable for service to booster stations and wells used for domestic water supply.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service.

CHARACTER OF SERVICE

Service shall be ~~s~~Single or three phase, 60 Hertz, and at one standard nominal voltage as elected by Customer and subject to availability at point of delivery approved by the Company. Primary metering may be used by mutual agreement.

RATE

A monthly net bill at the following Rate plus any adjustments incorporated in this pricing plan herein.

BUNDLED STANDARD OFFER SERVICE – SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charges:

Customer Charge, Single Phase service and minimum bill	\$18.00 per month
Customer Charge, Three Phase service and minimum bill	\$24.00 per month

Energy Charges:

Energy Charges: All energy charges below are charged on a per kWh basis.

Firm Service

Delivery Charge

Summer (May – October September)	\$0.0603470759 per kWh
Winter (October November – April)	\$0.0557340559 per kWh

Interruptible Service

Delivery Charge

Summer (May – September October)	\$0.0272840445 per kWh
Winter (October November – April)	\$0.0259140245 per kWh

The Purchased Power and Fuel Adjustment Clause (PPFAC) is the sum of all purchased power and fuel cost on a per kWh charge. The per kWh charge will be seasonal and updated annually with Rider-1-PPFAC.

Base Power Supply Charge for Firm and Interruptible Service:

Summer	\$0.029868 per kWh
Winter \$0.022368 per kWh	

Filed By: Raymond S. HeymanKentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: PGS-43
Effective: December 1, 2008Pending-Correct
Page/Decision No 1 of 3 8-17-12



**Pricing Plan PS-43
Municipal Water
Pumping Service**

Tucson Electric Power Company

Original Sheet No. 601-1
Superseding: _____

DIRECT ACCESS

~~A Customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. These services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the Customer's bill.~~

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AZISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AZISA in Arizona.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

TERMS AND CONDITIONS OF INTERRUPTIBLE SERVICE

1. Customer must furnish, install, own, and maintain at each point of delivery all necessary Company approved equipment which will enable the Company to interrupt service with its master control station.
2. Service may be interrupted by Company during certain periods of the day not exceeding six hours in any 24-hour period.
3. Company will endeavor to give Customer one hour notice of impending interruption; however, service may be interrupted without notice should Company deem such action necessary.
4. The interruptible load shall be separately served and metered and shall at no time be connected to facilities serving Customer's firm load. Conversely, the firm load shall be separately served and metered and shall at no time be connected to facilities serving Customer's interruptible load.
5. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this ~~pricing plan~~ rate.

ADDITIONAL NOTES

Additional charges may be directly assigned to a Customer based on the type of facilities (e.g., metering) dedicated to the Customer or pursuant to the Customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman Kenton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: PGS-43
Effective: December 1, 2008 Pending-Correct
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**Pricing Plan PS-43
Municipal Water
Pumping Service**

Tucson Electric Power Company

Original Sheet No. 601-3
Superseding: _____

<u>Total</u>	<u>\$18.00 per month</u>
<u>Energy Charges (kWh):</u>	
	<u>Firm Service</u>
<u>Charge</u>	<u>\$0.000528 per kWh</u> <u>Delivery</u>
<u>Generation Capacity</u>	
<u>\$0.048240 per kWh</u>	<u>Summer</u>
<u>\$0.043624 per kWh</u>	<u>Winter</u>
<u>Interruptible Service</u>	
<u>per kWh</u>	<u>Delivery Charge</u> <u>\$0.006054</u>
<u>The Energy Charges below apply to</u>	
<u>Firm and Interruptible Service</u>	
<u>Generation Capacity (Interruptible Service)</u>	
<u>\$0.009648 per kWh</u>	<u>Summer</u>
<u>\$0.008278 per kWh</u>	<u>Winter</u>
<u>\$0.003289 per kWh</u>	<u>Fixed Must Run</u>
<u>\$0.000434 per kWh</u>	<u>System Benefits</u>
<u>\$0.006129 per kWh</u>	<u>Transmission</u>
<u>\$0.000083 per kWh</u>	<u>Transmission Ancillary Services</u>
<u>\$0.000327 per kWh</u>	<u>System Control & Dispatch</u>
<u>\$0.000317 per kWh</u>	<u>Reactive Supply and Voltage Control</u>
<u>\$0.000317 per kWh</u>	<u>Regulation and Frequency Response</u>
<u>\$0.000860 per kWh</u>	<u>Spinning Reserve Service</u>
<u>\$0.000140 per kWh</u>	<u>Supplemental Reserve Service</u>
<u>Energy Imbalance Service: currently</u>	
<u>charged pursuant to the Company's OATT.</u>	

Filed By: Raymond S. Heyman Kentton C. Grant
 Title: Senior Vice President of Finance and Rates, General Counsel
 District: Entire Electric Service Area

Tariff No./Rate: PGS-43
 Effective: December 1, 2008 Pending-Correct
 Page/Decision No 1 of 3 8-17-12



**Pricing Plan Rider-1
Purchased Power and
Fuel Adjustment Clause
(PPFAC)**

Tucson Electric Power Company

Original Sheet No.: 701
Superseding:

Rider R-1
Purchased Power and Fuel Adjustment Clause (PPFAC)

APPLICABILITY

The Purchased Power and Fuel Adjustment Clause ("PPFAC") will be applied to all customers taking Standard Offer service from the Company pursuant to the Arizona Corporation Commission ("ACC") Decision No. 70628 dated December 1, 2008 and as updated and defined in the Company's PPFAC Plan of Administration approved in ACC Decision No. XXXXX.

RATE

The Customer monthly bill shall consist of the applicable Pricing Plan Rate charges and adjustments in addition to the PPFAC. The PPFAC adjustment rate, as shown in the TEP Statement of Charges, is an amount expressed as a rate per kWh charge to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.

The PPFAC Mechanism became effective January 1, 2009. The rate applicable for the period April 1, 2011 through March 31, 2012 is \$0.000000 per kWh.

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the ACC see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

This standard Rules and Regulations of the Company as on file with the ACC Arizona Corporation Commission shall apply where not inconsistent with this Rider.

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: Rider-1 PPFAC
Effective: April 1, 2011 PENDING
Page/Decision No: 4 of 4



Rider R-3
Market Cost of Comparable Conventional Generation (MCCCG)
Calculation as Applicable to Rider-4 NM-PRS

AVAILABILITY

The Market Cost of Comparable Conventional Generation (MCCCG) calculation, Rider-3, is restricted solely to Pricing Plan Rider-4, Net Metering for Certain Partial Requirements Service (NM-PRS). If for a billing month a Pricing Plan Rider-4 NM-PRS Customer's generation facility's energy production exceeds the energy supplied by the Company, the Customer's bill for the next billing period shall be credited for the excess generation as described in Pricing Plan Rider-4 NM-PRS. The excess kWh during the billing period shall be used to reduce the kWh supplied (not kW or kVA demand or customer/facilities charges) and billed by the Company during the following billing period. Each calendar year, for the customer bills produced in October (September usage) or a customer's "Final" bill - the Company shall credit the Customer for the positive balance of excess kWhs (if any) after netting against billing period usage. The payment for the purchase of the excess kWhs will be at the Company's applicable avoided cost, which for purposes of Pricing Plan Rider-4 NM-PRS shall be the simple average of the hourly MCCCG as described below for the applicable year.

The Arizona Corporation Commission (ACC) provided guidance on defining MCCCG in the context of its REST Rules and identified the MCCCG as "the Affected Utility's energy and capacity cost of producing or procuring the incremental electricity that would be avoided by the resources used to meet the Annual Renewable Energy Requirement, taking into account hourly, seasonal and long term supply and demand circumstances. Avoided costs include any avoided transmission and distribution costs and any avoided environmental compliance costs." R14-2-1801.11.

CALCULATION/METHODOLOGY

For purposes of calculating credits to the Customer for Excess Generation, the unit price paid (Credit for Excess Generation) shall be the simple average of the MCCCG over the 8,760 hours (8,784 in a leap year) hours in the forecasted year. The MCCCG in each hour is based on whether native load requirements will be met by internally owned or contracted generation resources or if market purchases will be required to meet native load requirements. The following table provides a description of the MCCCG methodology. The hourly MCCCG cost determination criteria is based on the Market Condition and Dispatch Type. This method of cost determination is very data intensive and will be calculated annually by running TEP's "Planning and Risk" modeling software, and the rate will be filed with the Commission by February 1 of each year and its applicability will coincide with the next Purchased Power and Fuel Adjustment Clause ("PPFAC") rate effective period.

RATE

The customer monthly bill shall consist of the applicable Pricing Plan Rate charges and adjustments in addition to the Credit for Excess Generation based on the MCCCG. The MCCCG is an amount expressed as a rate per kWh charge that is approved by the ACC Arizona Corporation Commission on or before April 1 of each year and effective with the first billing cycle in April, as shown in the TEP Statement of Charges.

Credit for Excess Generation as of April 1, 2011
\$0.030041 per kWh

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: Rider-3 MCCCG
Effective: April 1, 2011 PENDING
Page/Decision No: 1 of 2



**Pricing Plan Rider-3
Market Cost of
Comparable
Conventional
Generation (MCCCG)
Calculation
as Applicable to Pricing
Plan Rider-4 NM-PRS**



Tucson Electric Power Company

Original Sheet No.: 703-1

Superseding:

MCCCG Cost Determination Matrix

Market Condition and Dispatch Type	Selling to Market from In House Real and Contracted Generation Sources	MCCCG Cost Based on Incremental Production/Purchase Cost of Base Load Generation for that hour
	No Market Transactions from/to In House and Contracted Generation Sources	
	Purchasing from Day Ahead Market, but not Spot Market, to meet Native Load Requirements	MCCCG Cost Based on Average Day Ahead Market Price of Purchased Power for that hour
	Purchasing from Spot Market to meet Native Load Requirements	MCCCG Cost Based on Average Spot Market Price of Purchased Power for that hour

Incremental Production / Purchase of Base Load - The cost of the next kWh (incremental) amount of load that has to be provided by TEP generation sources and/or purchased power. This will be dependent on the season, month and time of day.

If Day Ahead Market or Spot Market purchases are being used to provide for reliability support capacity to meet native load requirements by freeing up in house or contracted generation resources for regulation or spinning reserve purposes for support

Filed By: Raymond S. Heyman Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: Rider-3 MCCCG
Effective: April 1, 2011 PENDING
Page/Decision No: 1 of 2



**Pricing Plan Rider-4
Net Metering for Certain
Partial Requirements
Service (NM-PRS)**

Tucson Electric Power Company

Original Sheet No. 704
Superseding:

**Rider R-4
Net Metering for Certain
Partial Requirements Service (NM-PRS)**

AVAILABILITY

Available throughout the Company's entire electric service area to any Customer with a facility for the production of electricity on its premises using Renewable Resources ¹, a Fuel Cell ² or Combined Heat and Power (CHP) ³ to generate electricity, which is operated by or on behalf of the Customer, is intended to provide all or part of the Customer's electricity requirements, has a generating capacity less than or equal to 125% of the Customer's total connected load at the metered premise, or in the absence of load data, has capacity less than the Customer's electric service drop capacity, and is interconnected with and can operate in parallel and in phase with the Company's existing distribution system. Customer shall comply with all applicable federal, state, and local laws, regulations, ordinances and codes governing the production and/or sale of electricity.

For purposes of this Pricing Plan Rate, the following notes and/or definitions apply:

- ¹ Renewable Resources means natural resources that can be replenished by natural process. Renewable Resources include biogas, biomass, geothermal, hydroelectric, solar, or wind.
- ² Fuel Cell means a device that converts the chemical energy of a fuel directly into electricity without intermediate combustion or thermal cycles. The source of the chemical reaction must be derived from Renewable Resources.
- ³ Combined Heat and Power (CHP) also known as cogeneration means a system that generates electricity and useful thermal energy in a single integrated system such that the useful power output of the facility plus one-half the useful thermal energy output during any 12-month period must be no less than 42.5 percent of the total energy input of fuel to the facility.

CHARACTER OF SERVICE

The service shall be single- or three-phase, 60 Hertz, at one standard nominal voltage as mutually agreed and subject to availability at the point of delivery. Primary metering will be used by mutual agreement between the Company and the Customer.

RATE

Customer Charges shall be billed pursuant to the Customer's standard offer Pricing Plan Rate otherwise applicable under full requirements of service.

Power sales and special services supplied by the Company to the Customer in order to meet the Customer's supplemental or interruptible electric requirements will be priced pursuant to the Customer's standard offer Pricing Plan Rate otherwise applicable under full requirements service.

Non-Time-of-Use Rates: For Customers taking service under a Standard Retail Rate that is not a time-of-use rate, the Customer Supplied kWh shall be credited against the Company Supplied kWh. The Customer's monthly bill shall be based on this net kWh amount. Any monthly Excess Generation will be treated in accordance with the provisions outlined below.

Time-of-Use Rates: For Customers taking service under a Standard Retail Rate that is a time-of-use rate, the Customer Supplied kWh during on-peak hours shall be credited against the Company Supplied kWh during on-peak hours. All Customer Supplied kWh during off-peak hours shall be credited against the Company Supplied kWh during off-peak hours. And all Customer Supplied kWh during the shoulder hours shall be credited against the Company Supplied kWh during the shoulder hours. The Customer's monthly bill shall be based on this net kWh amount. Any monthly Excess Generation will be treated in accordance with the provisions outlined below.

Filed By: Raymond S. Heyman / Kenton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: Rider 4 NM-PRS
Effective: December 1, 2009 / Pending
Page/Decision No: 1 of 2



**Pricing Plan Rider-5
Electric Service Solar
Rider
(Bright Tucson
Community Solar™)**



Tucson Electric Power Company
Original Sheet No.: 705
Superseding:

**Rider R-5
Electric Service Solar Rider
(Bright Tucson Community Solar™)**

APPLICABILITY

Pricing Plan Rider-5 is for individually metered customers who wish to participate in the Bright Tucson Community Solar Program. Under Rider-5, customers will be able to purchase blocks of electricity from solar generation sources. Participation in Rider-5 is limited in the Company's sole discretion to the amount of solar generation available and subscription will be made on a first come, first served basis. In order to maximize subscription under Rider-5, TEP may limit the amount of solar block energy purchased by individual customers. Pricing Plan Rider-5 is further restricted to customers being served under one of the following Pricing Plan Rates:

- 4) Residential Lifeline Discount, Pricing Plan Rate R-06-01
- 1)
- 2) Residential Electric Service, Pricing Plan Rate R-01
- 3) Small General Service, Pricing Plan Rate GS-10
- 4) Large General Service, Pricing Plan Rate LGS-13
- 5) Municipal Service, Pricing Plan Rate PS-40

Customers being served under self-generation riders or plans may not purchase power under Rider-5 (including, but not limited to Net Metering for Certain Partial Requirements Service Rider-4 and Non-Firm Power Purchase from Renewable Energy Resources and Qualifying Cogeneration Facilities of 100 kilowatts (kW) or Less Capacity Rider-101).

RATE

Customers can contract for a portion or up to their average annual usage in solar blocks of 150 kilowatt hours (kWh) each. Transmission and distribution charges will be applied to all energy delivered, including energy delivered under Rider-5. The Customer is responsible for paying (each month) all charges incurred under their applicable rate schedule, and the total solar energy contracted for multiplied by the applicable solar block energy rate. Any demand based charges under the Customer's current Pricing Plan Rate will not be affected by elections under Rider-5.

Period	Prior to October 1, 2013	Effective October 1, 2013
Rate Schedule	Solar Block Energy Rate	Solar Block Energy Rate
Residential Lifeline R-06-01	\$0.050198	XXXXX
Residential Service R-01	\$0.050324	XXXXX
Small General Service GS-10	\$0.048475	XXXXX
Large General Service LGS-13	\$0.049371	XXXXX
Lighting Service LS-50	\$0.049086	

TEP STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission see the TEP Statement of Charges which is available on TEP's website at www.tep.com.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan rate.

TAX CLAUSE

Filed By: Raymond S. Heyman / Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: R-05-Solar
Effective: February 1, 2014 PENDING
Page/Decision No. - of



**Pricing Plan Rider-5
Electric Service Solar
Rider
(Bright Tucson
Community Solar™)**

Tucson Electric Power Company

Original Sheet No.: 705-1

Superseding: _____

TERMS AND CONDITIONS

- 2)1) Customers may contract for a portion or up to their average annual usage in solar blocks of 150 kWh. If Customer's annual average usage is not available, TEP will apply the appropriate class average. This limit can be reviewed annually at the request of the Customer.
- 3)2) Each solar block's energy rate will be maintained for twenty years from the date of purchase. For the purposes of the twenty year energy rate, solar blocks will be attributed to the Customer's original service address. Transfer of service under Rider-5 is prohibited. Should the Customer cancel service for any reason, his or her subscription under Rider-5 will expire.
- 3) Customers may add or delete solar blocks once within a twelve month period. Any addition of solar blocks will be at the then offered solar block energy rate.
- 4) Solar blocks will be applied to the actual energy usage each month. Electricity used in excess of the purchased solar blocks will be billed at the Customer's regular energy rate. If electricity usage is below the amount covered by the solar block(s), then the excess kWhs will be rolled forward and credited again the Customer's usage in the following month. The Customer will still be responsible for the full cost of the block(s) each month.

Customers will be credited for the balance of any excess kWhs annually, or on their final bill should the Customer terminate service under Rider-5. Each year, for the bills produced in October (September usage), TEP will credit Customers their excess kWhs after netting and reset their balance to zero. Credit for excess kWhs will be at the energy rate of the oldest solar block.
- 5) All contracted solar block kWhs and associated charges in a billing month will be excluded from the calculation of PPFAC and REST charges and/or credits.

Filed By: ~~Raymond S. Heyman~~ Kentton C. Grant
Title: ~~Senior Vice President of Finance and Rates, General Counsel~~
District: Entire Electric Service Area

Tariff No./Rate: R-05-Solar
Effective: February 1, 2014 PENDING
Page/Decision No. of



Renewable Energy
Standard and Tariff
Surcharge
REST-TS1
Renewable Energy
Program Expense
Recovery

Tucson Electric Power Company

Original Sheet No.: 706
Superseding: _____

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the ACC Arizona Corporation Commission shall apply where not inconsistent with this pricing plan Rider.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Filed By: Raymond S. Heyman Kentton C. Grant
Title: Senior Vice President of Finance and Rates
District: Entire Electric Service Area

Tariff No./Rate: REST TS1_6
Effective: January 16, 2012 PENDING
Page/Decision No 4 of 2



**Schedule MGC-1
Tucson Electric Power
Company
Market Generation
Credit (MGC)
Calculation**

Tucson Electric Power Company

Original Sheet No.: 710
Superseding:

Rider R-10
Schedule MGC-1 Market Generation Credit (MGC) Calculation

INTRODUCTION

There are two purposes of the Market Generation Credit (MGC). The first purpose is to establish a price to which TEP's energy customers can compare to the prices of competitors. The second purpose is to enable the calculation of the variable or "floating" component of TEP's stranded cost recovery. Shown below are the terms of the MGC methodology per TEP's Settlement Agreement, Section 2.1(d), as amended March 20, 2003:

The monthly MGC amount shall be calculated in advance and stated as both an on-peak value and an off-peak value. The monthly on-peak MGC component shall be equal to the Market Price multiplied by one plus the appropriate line loss (including unaccounted for energy ("UFE")) amount. The Market Price shall be equal to the Tullett Liberty Long-Term Forward Assessment for the Palo Verde Forward price, except when adjusted for the variable cost of TEP's must-run generation. The Market Price shall be determined thirty (30) days prior to each calendar month using the average of the most recent three (3) business days of Tullett Liberty Long-Term Forward Assessment for Palo Verde settlement prices. The off-peak MGC component shall be determined in the same manner as the on-peak component, except that the Tullett Liberty Long-Term Forward Assessment for the Palo Verde Forward price will be adjusted by the ratio of off-peak to on-peak prices from the Dow Jones Palo Verde Index of the same month from the preceding year. The MGC shall be equal to the hours-weighted average of the on-peak and off-peak pricing components and shall reflect the cost of serving a one hundred percent (100%) load factor customer.

To reflect the cost of serving a 100% load factor customer, the actual MGC used for billing calculations will be a loss adjusted average price that is weighted by the ratio of on-peak and off-peak hours. This process is illustrated in equations 4 and 5 below and will be posted to TEP's website <http://partners.tucsonelectric.com> thirty (30) days prior to each calendar month. This composite price will be credited to all energy consumption, regardless of the time period in which it is consumed.

CALCULATIONS

Five steps are outlined below for the calculation of the MGC. None of the steps are excludable for any customer type. Acronyms are defined in the Glossary at the end of this document.

1. Calculating the on-peak MGC

Thirty (30) days prior to each calendar estimation month, the Tullett Liberty Long-Term Forward Assessment for Palo Verde Forward prices for the three (3) most recent business days are used. The simple average (or arithmetic mean) is calculated for these three (3) days for the estimation month.

$$MGC_{ON,i} = \frac{\sum (TULLETT)_i}{3} \quad \text{(Equation 1)}$$

Filed By: ~~Raymond S. Heyman~~ Kenton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: MGC-1-R-10
Effective: December 1, 2008 Pending
Page/Decision No 4 of 4



**Schedule MGC-1
Tucson Electric Power
Company
Market Generation
Credit (MGC)
Calculation**

Tucson Electric Power Company

Original Sheet No. 710-2
Superseding:

4. Loss-adjusting the MGC

The average MGC must be adjusted for line losses. The appropriate line loss adjustment factor (LLAF) for a large industrial customer is 1.0515. For all other customers, the appropriate factor is 1.0919.

$$MGC_{LOSS,i} = MGC_{WEIGHT,i} * LLAF \quad \text{(Equation 5)}$$

5. Adjusting the MGC for variable must-run

The MGC will be adjusted for variable must-run as defined in TEP's Stranded Cost Settlement Agreement and AISA protocols. Fifteen (15) days prior to each month, TEP forecasts a ratio of its variable must-run generation to retail system demand for the following month. The MGC is determined by adding the product of MGC_{LOSS} and one minus the ratio of variable must-run generation to total retail system demand to the product of \$15/MWh and the variable must-run ratio.

$$MGC_i = [MGC_{LOSS,i} * (1 - VMR_i)] + (\$15 * VMR_i) \quad \text{(Equation 6)}$$

This calculation produces the final value for the Market Generation Credit.

GLOSSARY

DJPV_{OFF}	Simple average of off-peak prices on the Dow Jones Palo Verde Index.
DJPV_{ON}	Simple average of on-peak prices on the Dow Jones Palo Verde Index.
Dow Jones Palo Verde Index	Daily calculation of actual firm on-peak and firm off-peak weighted average prices for electricity traded at Palo Verde, Arizona switchyard.
AISA	Arizona Independent Scheduling Administrator, a temporary entity, independent of transmission-owning organizations, intended to facilitate nondiscriminatory retail direct access using the transmission system in Arizona. Required by the Arizona Corporation Commission Retail Electric Competition Rules.
LLAF	Line-loss adjustment factor.
MGC	Market Generation Credit.
MGC_{OFF}	MGC _{ON} weighted by the ratio of off-peak to on-peak prices on the Dow Jones Palo Verde

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: MGC-1-R-10
Effective: December 1, 2008/Pending
Page/Decision No: 4 of 4



Schedule MGC-1
Tucson Electric Power
Company
Market Generation
Credit (MGC)
Calculation

Tucson Electric Power Company

Original Sheet No.: 710-4
Superseding: _____

WEIGHT

Ratio of off-peak to on-peak prices on the Dow Jones Palo Verde Index.

Filed By: ~~Raymond S. Heyman~~ Kentton C. Grant
Title: ~~Senior Vice President of Finance and Rates, General Counsel~~
District: Entire Electric Service Area

Tariff No. Rate: MGC-1 R-10
Effective: December 1, 2008 Pending
Page Decision No 1 of 4



**Schedule MGC-2
Market Generation
Credit (MGC)
Calculation
For Partial
Requirements Services**

Tucson Electric Power Company

Original Sheet No.: 711-1
Superseding: _____

The calculation is illustrated in the table below.

Forward Prices per MWh	Apr 2002
3/13/2002	\$25.80
3/14/2002	\$26.90
3/15/2002	\$27.75
Average	\$26.82

2. Calculating the off-peak MGC

The off-peak MGC is determined by multiplying the on-peak MGC value by the off-peak price weighting factor (WEIGHT). The WEIGHT is equal to the simple average of all off-peak prices from the Dow Jones Palo Verde Index in the same month of the previous year, divided by the simple average of all on-peak prices from the Dow Jones Palo Verde Index in the same month of the previous year. Off-peak, on-peak and holiday hours are defined by NERC in the estimation month.

$$MGC_{OFF,i} = MGC_{ON,i} * WEIGHT_i \quad \text{(Equation 2)}$$

where

$$WEIGHT_i = \frac{DJPVI_{OFF,i}}{DJPVI_{ON,i}} \quad \text{(Equation 3)}$$

3. Loss-adjusting the MGC

The on-peak MGC and the off-peak MGC must be adjusted for line losses. The appropriate line loss adjustment factor (LLAF) for the large industrial customer class is 1.0515; for all other customer classes, the appropriate factor is 1.0919.

$$MGC_{LOSS-ON,i} = MGC_{ON,i} * LLAF \quad \text{(Equation 4)}$$

$$MGC_{LOSS-OFF,i} = MGC_{OFF,i} * LLAF \quad \text{(Equation 5)}$$

This calculation produces the final value for the on-peak and off-peak Market Generation Credits.

GLOSSARY

Filed By: Raymond S. Heyman Kentton C. Grant
 Title: Senior Vice President of Finance and Rates, General Counsel
 District: Entire Electric Service Area

Tariff No./Rate: R-11MGC-2
 Effective: December 1, 2008 Pending
 Page/Decision No: 4 of 4



**Schedule MGC-2
Market Generation
Credit (MGC)
Calculation
For Partial
Requirements Services**

Tucson Electric Power Company

Original Sheet No.: 711-3
Superseding:

TEP Settlement Agreement

An agreement between TEP, the Arizona Residential Utility Consumer Office, members of the Arizonans for Electric Choice and Competition, and Arizona Community Action Association regarding TEP's implementation of retail electric competition, implementation of unbundled tariffs, and recovery of stranded costs.

WEIGHT

Ratio of off-peak to on-peak prices on the Dow Jones Palo Verde Index.

Filed By: Raymond S. Heyman Keniton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No. Rate: R-11MGC-2
Effective: December 1, 2008 Pending
Page Decision No 4 of 4



Bill Estimation Methodologies

Tucson Electric Power Company

Original Sheet No.: 802
Superseding:

Energy or TOU estimate with less than one year of history, same customer at premise.
TEP would generate a bill based on customer usage from the previous month using the "PREVIOUS MONTH" formula as follows:

If last month's usage was estimated, see Trend Formula.:

(IF LAST MONTH'S USAGE WAS ESTIMATED, USE "TREND" METHOD DESCRIBED ABOVE.)
LAST MONTHS USAGE / NUMBER OF DAYS IN BILLING PERIOD = PER DAY USAGE
(FOR TOU/IME-OF USE THIS WOULD BE APPLIED TO EACH PERIOD)
PER DAY USAGE X NUMBER OF DAYS IN THIS MONTH'S CYCLE = ESTIMATED USAGE
(FOR TOU THIS WOULD BE APPLIED TO EACH PERIOD)

TREND FORMULA

NEW CUSTOMER AT SAME PREMISE

TEP would generate a bill using the "TREND" formula, based on customer's usage trend as described below:

TEP's customer information system (CIS) would generate a bill based on trend. Customers are assigned to a Trend area which differentiate consumption based on different geographic areas. Secondly, the customer is assigned to a Trend class which is used to differentiate consumption trends based on the type of service and type of property. An example of this would be residential, commercial, and industrial usage. Thirdly, all consumption is identified using unit of measure code and a time of use code. Within TEP's CIS, a trend record is created from each billed service. This record becomes part of a trend table. During estimation, consumption from three prior bill cycles is compared to the consumption from the same cycle in the previous month to determine a trend. This trend, plus a tolerance, is used to create a usage amount for bill estimation.

CUSTOMER'S USAGE IN PREVIOUS PERIOD / AVERAGE CUSTOMER'S USAGE IN PREVIOUS PERIOD X AVERAGE CUSTOMER'S USAGE IN CURRENT PERIOD = ESTIMATED CONSUMPTION FOR REGISTER READ

NO HISTORY

TEP would not generate a bill until a good meter read was acquired then use known consumption to estimate previous bills.

Filed By: Kentton C. Grant
Title: Vice President of Finance and Rates
District: Entire Electric Service Area

Rate: Bill Estimation - 1
Effective: Pending
Decision No.:



**Pricing Plan PRS-10
(Experimental)
Partial Requirements
Service Less Than 200
kW**

Tucson Electric Power Company

Original Sheet No.: 803

Superseding:

**PRS-10 (Experimental)
Partial Requirements Service Less Than 200 kW**

AVAILABILITY

This Pricing Plan Rate is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the premises served and when all applicable provisions described herein have been met.

APPLICABILITY

This Pricing Plan Rate is applicable to any non-residential customer requiring partial requirements services, including backup energy, standby capacity, maintenance energy, or supplemental energy and capacity, in addition to regular electric requirements obtained from any service other than the Company. This Pricing Plan Rate is applicable to customers with an aggregate partial requirements service load less than 200 kW. This Pricing Plan Rate is not applicable to resale service or where on-site generation is used only during a utility outage.

CHARACTER OF SERVICE

The service shall be single- or three-phase, 60 Hertz, at one standard nominal voltage as mutually agreed and subject to availability at the point of delivery. Primary metering may be used by mutual agreement between the Company and the Customer.

BUNDLED PRICES

The total monthly bill will be the sum of the delivery charges plus the market-based generation charges.

Delivery Charges – monthly

	<u>Summer Billing Months</u> (May – September/October)	<u>Winter Billing Months</u> (October/November – April)
<u>Backup/Standby Service</u>		
Customer Charge	\$ 20.98/24.90	\$ 124.90/20.98
Standby Demand Charge per kW	\$ 8.34/34.93	\$ 8.34/29.47
Backup Energy Charge per kWh	\$ 0.03/26.12	\$ 0.02/46.02
<u>Supplemental Service</u>		
Demand Charge per kW	\$ 4.47/17.47	\$ 4.47/14.74
Energy Charge per kWh	\$ 0.06/8.77/8	\$ 0.05/18.85

Market-based Generation Charges

Generation-related charges will be billed at a monthly market-based price dependent upon time of day. The price will be based upon a modified Market Generation Credit mechanism plus an additional procurement charge of 10% of the total generation-related charges. See Schedule MGC-2 for details.

Power Factor Adjustment

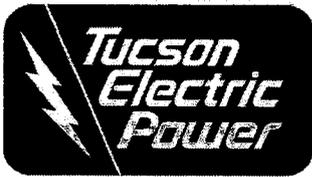
The above rate is subject to a discount or a charge of 1.3¢ cents per kW of billing demand for each 1% the average monthly power factor is above or below 1090% lagging to a maximum discount of 13.0 cents per kW of billing demand per month.

Three-phase Service

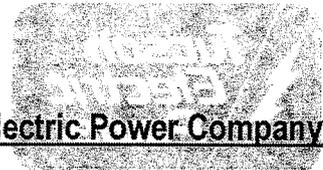
An additional monthly charge of \$7.43 shall apply to customers receiving three-phase service.

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: PRS-10 (Experimental)
Effective: December 1, 2008/Pending-Correct
Page/Decision No: 1 of 4 / 8-17-12



**Pricing Plan PRS-10
(Experimental)
Partial Requirements
Service Less Than 200
kW**



Tucson Electric Power Company

Original Sheet No.: 803-2
Superseding:

3. Direct Assignment of Interconnection Costs

Prior to construction, the Customer will advance to the Company the total amount of the estimated interconnection construction costs directly related to distribution and transmission service. For each of the first five years of metered use up to the amount of the advance, the Company will refund to the Customer 40% of the annual revenue received based on the unbundled charges under this tariff that are associated with the facilities installed (e.g. revenue from the distribution secondary charge for 13.8 kV facilities). The refund, without interest, will be made one month after each full year of service.

The Customer will furnish, install, and maintain incremental non-distribution system or non-transmission system equipment at his expense. The equipment must meet the standards of the Company's Electric Service Requirements.

Direct Assignment of Incremental Interconnection Costs

In the event that either the fifteen (15) minute demand in the billing month or the maximum fifteen (15) minute demand in the preceding 23 billing months exceeds the Maximum Contract Demand and the Company must expand facilities to meet the additional load, the Customer shall pay for the cost of the incremental facilities.

4. Billing Demand

Backup/Standby Service and Supplemental Service have separate demand charges. For both services, the Billing Demand in any month is the greater of (i) the maximum fifteen (15) minute demand in that month or (ii) the maximum fifteen (15) minute demand in the preceding 23 billing months, or (iii) the Minimum Contract Demand as set forth by mutual agreement. The Minimum Contract Demand for Backup/Standby Service shall be based on the measured kW output of each generating unit at the time of the start-up test.

5. Additional Equipment

Service under this Pricing Plan Rate shall require the appropriate interval metering equipment to allow identification of accurate inbound load flows from the Company. This equipment shall require a dedicated telephone line that is to be installed and maintained by the Customer.

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

Filed By: Raymond S. Heyman Kenton C. Grant
Title: Senior Vice President of Finance and Rates General Counsel
District: Entire Electric Service Area

Tariff No./Rate: PRS-10 (Experimental)
Effective: December 1, 2008 Pending-Correct
Page/Decision No: 1 of 4 8-17-12



**Pricing Plan PRS-13
(Experimental)
Partial Requirements
Service
From 200 kW to Less
Than 3,000 kW**



Original Sheet No.: 804
Superseding:

**PRS-13 (Experimental) Partial Requirements Service
From 200 kW to Less Than 3,000 kW**

AVAILABILITY

This Pricing Plan Rate is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the premises served and when all applicable provisions described herein have been met.

APPLICABILITY

This Pricing Plan Rate is applicable to any non-residential customer requiring partial requirements services, including backup energy, standby capacity, maintenance energy, or supplemental energy and capacity, in addition to regular electric requirements obtained from any service other than the Company. This Pricing Plan Rate is applicable to customers with an aggregate partial requirements service load from 200 kW to less than 3,000 kW. This Pricing Plan Rate is not applicable to resale service or where on-site generation is used only during a utility outage.

CHARACTER OF SERVICE

The service shall be single- or three-phase, 60 Hertz, at one standard nominal voltage as mutually agreed and subject to availability at the point of delivery. Primary metering may be used by mutual agreement between the Company and the Customer.

BUNDLED PRICES

The total monthly bill will be the sum of the delivery charges plus the market-based generation charges.

Delivery Charges – monthly

	Summer Billing Months (May – September/October)	Winter Billing Months (October/November – April)
<u>Backup/Standby Service</u>		
Customer Charge (first 200 kW)	\$ 1,675.88900.00	\$ 1,675.88900.00
Standby Demand Charge (all additional kW)	\$ 4.4724.30	\$ 4.4723.50
Backup Energy Charge per kWh	\$ 0.010458	\$ 0.008557
<u>Supplemental Service</u>		
Demand Charge per kW	\$ 1.9712.15	\$ 1.9711.75
Energy Charge per kWh	\$ 0.052290	\$ 0.042783

Market-based Generation Charges

Generation-related charges will be billed at a monthly market-based price dependent upon time of day. The price will be based upon a modified Market Generation Credit mechanism plus an additional procurement charge of 10% of the total generation-related charges. See Schedule MGC-2 for details.

Power Factor Adjustment

The above rate is subject to a discount or a charge of 1.3 cents per kW of billing demand for each 1% the average monthly power factor is above or below 90% lagging to a maximum discount of 13.0 cents per kW of billing demand per month.
The above rate is subject to a charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is below 100%.

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: PRS-13 (Experimental)
Effective: December 1, 2008/Pending-Correct
Page/Decision No: 4 of 5 8-17-12



**Pricing Plan PRS-13
(Experimental)
Partial Requirements
Service
From 200 kW to Less
Than 3,000 kW**

Tucson Electric Power Company

Original Sheet No.: 804-2
Superseding:

Direct Assignment of Interconnection Costs

Prior to construction, the Customer will advance to the Company the total amount of the estimated interconnection construction costs directly related to distribution and transmission service. For each of the first five years of metered use up to the amount of the advance, the Company will refund to the Customer 40% of the annual revenue received based on the unbundled charges under this tariff that are associated with the facilities installed (e.g. revenue from the distribution secondary charge for 13.8 kV facilities). The refund, without interest, will be made one month after each full year of service.

The Customer will furnish, install, and maintain incremental non-distribution system or non-transmission system equipment at his expense. The equipment must meet the standards of the Company's Electric Service Requirements.

Direct Assignment of Incremental Interconnection Costs

In the event that either the fifteen (15) minute demand in the billing month or the maximum fifteen (15) minute demand in the preceding 23 billing months exceeds the Maximum Contract Demand and the Company must expand facilities to meet the additional load, the Customer shall pay for the cost of the incremental facilities.

3. Billing Demand

Backup/Standby Service and Supplemental Service have separate demand charges. For both services, the Billing Demand in any month is the greater of (i) the maximum fifteen (15) minute demand in that month or (ii) the maximum fifteen (15) minute demand in the preceding 23 billing months, or (iii) the Minimum Contract Demand as set forth by mutual agreement. The Minimum Contract Demand for Backup/Standby Service shall be based on the measured kW output of each generating unit at the time of the start-up test.

4. Additional Equipment

Service under this Pricing Plan Rate shall require the appropriate interval metering equipment to allow identification of accurate inbound load flows from the Company. This equipment shall require a dedicated telephone line that is to be installed and maintained by the Customer.

DIRECT ACCESS

A Customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Filed By: ~~Raymond S. Heyman~~ Kentton C. Grant
Title: ~~Senior Vice President of Finance and Rates, General Counsel~~
District: Entire Electric Service Area

Tariff No. Rate: PRS-13 (Experimental)
Effective: December 1, 2008 Pending-Correct
Page Decision No 1 of 5 8-17-12



**Pricing Plan PRS-14
(Experimental)
Partial Requirements
Service
3,000 kW and Greater**

Tucson Electric Power Company

Original Sheet No.: 805

Superseding: _____

**PRS-14 (Experimental)
Partial Requirements Service 3,000 kW and Greater**

AVAILABILITY

This Pricing Plan Rate is available in all territory served by the Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the premises served and when all applicable provisions described herein have been met.

APPLICABILITY

This Pricing Plan Rate is applicable to any non-residential customer requiring partial requirements services, including backup energy, standby capacity, maintenance energy, or supplemental energy and capacity, in addition to regular electric requirements obtained from any service other than the Company. This Pricing Plan Rate is applicable to customers with an aggregate partial requirements service load of 3,000 kW and higher. This Pricing Plan Rate is not applicable to resale service or where on-site generation is used only during a utility outage.

CHARACTER OF SERVICE

The service shall be three-phase, 60 Hertz, and shall be supplied directly from any 46,000 volt or higher voltage system through distribution facilities used exclusively to serve PRS-14 customers at a delivery voltage of not less than 2,400/4,160 volts and delivered at a single point of delivery unless otherwise specified in the contract.

BUNDLED PRICES

The total monthly bill will be the sum of delivery charges plus the market-based generation charges.

Delivery Charges – monthly

	Summer Billing Months (May – September)	Winter Billing Months (October – April)
<u>Backup/Standby Service</u>		
Customer Charge	\$2,000.00 per Month	\$2,000.00 per Month
Standby Demand Charge per kW	\$25.59 per kW	\$24.31 per kW
<u>Supplemental Service</u>		
Demand Charge per kW	\$12.80 per kW	\$12.16 per kW
	Summer Billing Months (May – October)	Winter Billing Months (November – April)
<u>Backup/Standby Service</u>		
Standby Demand Charge per kW	\$ 4.48	\$ 4.48
Backup Energy Charge per kWh	\$ 0.004761	\$ 0.003896
<u>Supplemental Service</u>		
Demand Charge per kW	\$ 2.00	\$ 2.00
Energy Charge per kWh	\$ 0.031743	\$ 0.025972

Filed By: Raymond S. Heyman/Kentton C. Grant
 Title: Senior Vice President of Finance and Rates, General Counsel
 District: Entire Electric Service Area

Tariff No./Rate: PRS-14 (Experimental)
 Effective: December 1, 2008 Pending-Correct
 Page/Decision No 4 of 4 8-17-12



**Pricing Plan PRS-14
(Experimental)
Partial Requirements
Service
3,000 kW and Greater**

Tucson Electric Power Company

Original Sheet No.: 805-1
Superseding:

Minimum Bill

The Minimum Bill for Backup/Standby Service is equal to the sum of the greater of the Minimum Contract Demand or the Backup/Standby Service Billing Demand times the Standby Demand Charge per kW plus the Backup/Standby Service Customer Charge per month.

The Minimum Bill for Supplemental Service is equal to the sum of the Minimum Bill for Backup/Standby Service plus the greater of the Minimum Contract Demand or the Supplemental Service Billing Demand times the Supplemental Demand Charge per kW.

TERMS AND CONDITIONS

1. Service Requirements

This Pricing Plan Rate consists of rates charged for two general types of service—Backup/Standby Service and Supplemental Service. The use of Backup/Standby Service occurs when the Customer's total generating resources covered under PRS-14 are unavailable, such as during forced generator outages (when the Customer's generator is not operational) and unforced or planned outages (when the Customer's generator requires maintenance). The use of Supplemental Service occurs when the Customer requires power in addition to that generated by the Customer to meet the Customer's total energy requirements.

The Customer may elect to take Backup/Standby service only, or Supplemental Service in addition to Backup/Standby service. However, when the Customer's Partial Requirements Usage Percentage (PRUP) in any given billing period exceeds 5%, the Customer's Energy Charge per kWh under Backup/Standby Service will be converted to the Energy Charge per kWh under Supplemental Service for all kilowatt-hours in excess of 5% for the billing period.

The PRUP is calculated as follows:

$$PRUP = \frac{\text{Backup Energy Purchased under Backup/Standby Service}}{\text{Billing Demand for Backup/Standby Service} \times \text{Hours in Billing Period}}$$

2. Contract

The Customer shall contract for a Term, a Minimum Contract Demand (for either Backup/Standby and Supplemental Service as applicable), a Maximum Contract Demand (for either Backup/Standby and Supplemental Service as applicable), and shall conform to all applicable interconnection requirements as mandated either by government or by the Company.

3. Direct Assignment of Interconnection Costs

Prior to construction, the Customer will advance to the Company the total amount of the estimated interconnection construction costs directly related to distribution and transmission service. For each of the first five years of metered use up to the amount of the advance, the Company will refund to the Customer 40% of the annual revenue received based on the unbundled charges under this tariff that are associated with the facilities installed (e.g. revenue from the distribution secondary charge for 13.8 kV facilities). The refund, without interest, will be made one month after each full year of service.

Filed By: Raymond S. Heyman/Kentton C. Grant
Title: Senior Vice President of Finance and Rates, General Counsel
District: Entire Electric Service Area

Tariff No./Rate: PRS-14 (Experimental)
Effective: December 1, 2008 Pending-Correct
Page/Decision No: 4 of 4 8-17-12



**Pricing Plan PRS-14
(Experimental)
Partial Requirements
Service
3,000 kW and Greater**

Tucson Electric Power Company

Original Sheet No.: 805-3

Superseding: _____

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

RELATED SCHEDULE

Schedule MGC-2 – Market Generation Credit (MGC) Calculation for Partial Requirements Services

Filed By: ~~Raymond S. Heyman~~ Kentton C. Grant
Title: ~~Senior Vice President of Finance and Rates~~ General Counsel
District: Entire Electric Service Area

Tariff No./Rate: PRS-14 (Experimental)
Effective: December 1, 2008 ~~Pending Correct~~
Page/Decision No 1 of 4 8-17-12

CANCELED
Redlined Tariffs



Pricing Plan R-02F (FROZEN) Residential Electric Water Heating Service

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

To separately metered single phase residential off-peak water heating service where general residential service is also provided under pricing plan R-01. When service under Pricing Plan R-02 Frozen is discontinued, the Company will either combine usage and bill under pricing plan R-01 or modify the service entrance equipment so all service is supplied through the pricing plan R-01 meter.

Not applicable to three phase service, resale, breakdown, standby, auxiliary, or any other service except off-peak water heating in accordance with the provisions of this pricing plan.

Where service other than water heating to which this rate is applicable has been taken hereunder, the regular rate for such service shall be applied on a monthly basis to all consumption billed hereunder during the previous twelve months, less the aggregate of payments made hereunder for the same period of time. The regular rate shall continue to apply until the unauthorized service is permanently separated from the off-peak water heating service.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

Service may be controlled by the Company by disconnecting electricity during certain periods of the day not exceeding 8 hours in any 24-hour period, as determined by the Company from time to time.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE

Energy Charges: All energy charges below are charged on a per kWh basis.

Delivery Charge	\$5.10 per month
Delivery Charge, all kWhs	\$0.017298 per kWh
Base Power Supply Charge, all kWhs	\$0.029448 per kWh

Purchased Power and Fuel Adjustment Clause ("PPFAC"): The Base Power Supply Charge shall be subject to a per kWh adjustment in accordance with Rider 1 PPFAC to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-02F (FROZEN)
Effective: December 1, 2008
Page No.: 2 of 3



Pricing Plan R-02F (FROZEN)
Residential Electric Water Heating Service

A UniSource Energy Company

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Table listing unbundled components and their rates: Delivery Charge (\$5.10 per month), Energy Charges (kWh) including Generation Capacity, Fixed Must Run, System Benefits, Transmission, and various ancillary services, and Base Power Supply Charge (\$0.029448 per kWh).

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-02F (FROZEN)
Effective: December 1, 2008
Page No.: 2 of 3



**Pricing Plan R-02F (FROZEN)
Residential Electric Water Heating Service**

A UniSource Energy Company

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

The electric water heating equipment and installation shall conform to the Company's requirements and be for normal domestic use. The heater shall be of the storage type and not less than 30-gallon capacity. For a water heater equipped with one heating element, the rating of the heating element shall not exceed 6,000 watts. For a water heater equipped with more than one heating element, the rating of any such heating element shall not exceed 6,000 watts, and, if the total of the ratings of the elements exceeds 6,000 watts, they shall be thermostatically interlocked so that they cannot operate simultaneously and thereby exceed 6,000 watts. The Customer shall provide the necessary wiring to permit the installation of the Company's metering and control equipment.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-02F (FROZEN)
Effective: December 1, 2008
Page No.: 2 of 3



Pricing Plan R-04-01F (FROZEN)
Residential Lifeline/Senior Discount

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

To all single phase or three phase (subject to availability at point of delivery) residential electric service in individual private dwellings and individually metered apartments when all service is supplied at one point of delivery and energy is metered through one meter; however, electric water heating may be metered separately. This discount is also available to tenants of master metered mobile home parks and apartments. The applicant must be 65 years of age, or older, to qualify.

Not applicable to resale, breakdown, standby, auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

CHARACTER OF SERVICE

Single or three phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 4.90 per month
Customer Charge, Three Phase service and minimum bill \$12.26 per month

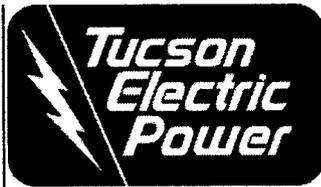
Energy Charge Components are unbundled into Delivery Services - Energy and and Power Supply Charge. All energy charges below are charged on a per kWh basis.

Table with 4 columns: Delivery Services Energy, Power Supply Charge, Total, and rows for Summer (May-October) and Winter (November-April).

- 1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-04-01F (FROZEN)
Effective: December 01, 2008
Page No.: 3 of 3



**Pricing Plan R-04-01F (FROZEN)
Residential Lifeline/Senior Discount**

A UniSource Energy Company

Monthly Discount:

For Bills with Usage of:	The Total Bill (before Taxes and Regulatory Assessments) Will Be Discounted by:
0 - 300 kWh	35%
301 - 600 kWh	30%
601 - 1000 kWh	25%
1001 - 1500 kWh	15%
Over 1500 kWh	0%

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$1.59 per month
Customer Delivery	\$1.00 per month
	\$4.90 per month

Note: Additional meter services charge of \$7.36 per month for Three Phase Service. Therefore, the Meter Services charge for Three Phase is \$8.87 per month, and the corresponding bundled Customer Charge is \$12.26 per month.

Energy Charge Components of Delivery Services (Unbundling):

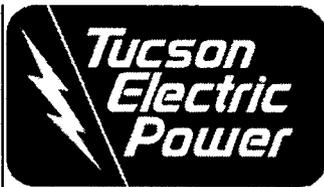
Component	Summer (May - October)	Winter (November - April)
Local Delivery Energy	\$0.010823	\$0.009039
Generation Capacity	\$0.032938	\$0.030271
Fixed Must Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Power Supply Charge:

Component	Summer (May - October)	Winter (November - April)
Base Power	\$0.033198	\$0.025698

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-04-01F (FROZEN)
 Effective: December 01, 2008
 Page No.: 3 of 3



**Pricing Plan R-04-01F (FROZEN)
Residential Lifeline/Senior Discount**

A UniSource Energy Company

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-04-01F (FROZEN)
Effective: December 01, 2008
Page No.: 3 of 3



Pricing Plan R-04-21F (FROZEN) Residential Lifeline/Senior Discount

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

To all single phase (subject to availability at point of delivery) residential electric service in individual private dwellings and individually metered apartments when all service is supplied at one point of delivery and energy is metered through one meter; however, electric water heating may be metered separately. The discount is also available to tenants of master metered mobile home parks and apartments. The applicant must be 65 years of age, or older, to qualify. Not applicable to three phase service, resale, breakdown, standby, auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 6.86 per month

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges.

All energy charges below are charged on a per kWh basis.

Summer (May - October)	Delivery Services Energy ¹	Power Supply Charges ² Base Power	Total ³
On-Peak	\$0.072215	\$0.053198	\$0.125413
Off-Peak	\$0.026967	\$0.023198	\$0.050165

Winter (November - April)	Delivery Services Energy ¹	Power Supply Charges ² Base Power	Total ³
On-Peak	\$0.058320	\$0.040698	\$0.099018
Off-Peak	\$0.029467	\$0.020698	\$0.050165

1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.

2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.

3. The total calculated above is the total bundled kWh charge for this pricing plan.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-04-21F (FROZEN)
Effective: December 1, 2008
Page No.: 3 of 4



Pricing Plan R-04-21F (FROZEN)
Residential Lifeline/Senior Discount

A UniSource Energy Company

Summer On-Peak Period: 10:00 a.m. to 10:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

Winter On-Peak Period: 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

Monthly Discount:

The following monthly discount applies to the rate incorporated in this pricing plan.

Table with 2 columns: For Bills with Usage of: and The Total Bill (before Taxes and Regulatory Assessments) Will Be Discounted by:.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

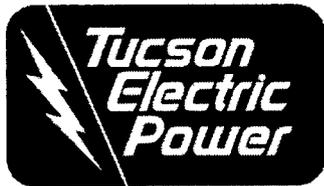
Table listing customer charge components: Meter Services (\$1.51 per month), Meter Reading (\$0.80 per month), Billing & Collection (\$3.29 per month), Customer Delivery (\$1.26 per month), and a total of \$6.86 per Month.

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-04-21F (FROZEN)
Effective: December 1, 2008
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**Pricing Plan R-04-21F (FROZEN)
Residential Lifeline/Senior Discount**

A UniSource Energy Company

Components	Summer (May—October)	On-Peak	Off-Peak
Local Delivery Energy		(\$0.035469)	(\$0.000954)
Generation Capacity		\$0.093722	\$0.013959
Fixed Must-Run		\$0.003849	\$0.003849
System Benefits		\$0.000468	\$0.000468
Transmission		\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch		\$0.000102	\$0.000102
Reactive Supply and Voltage Control		\$0.000402	\$0.000402
Regulation and Frequency Response		\$0.000389	\$0.000389
Spinning Reserve Service		\$0.001055	\$0.001055
Supplemental Reserve Service		\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

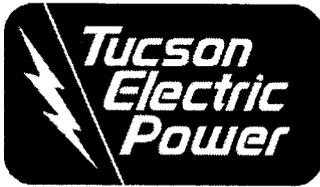
Power Supply Charge

	Summer (May—October)	On-Peak	Off-Peak
Base Power Component		\$0.053198	\$0.023198

Components	Winter (November—April)	On-Peak	Off-Peak
Local Delivery Energy		(\$0.021385)	\$0.001546
Generation Capacity		\$0.065743	\$0.013959
Fixed Must-Run		\$0.003849	\$0.003849
System Benefits		\$0.000468	\$0.000468
Transmission		\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch		\$0.000102	\$0.000102
Reactive Supply and Voltage Control		\$0.000402	\$0.000402
Regulation and Frequency Response		\$0.000389	\$0.000389
Spinning Reserve Service		\$0.001055	\$0.001055
Supplemental Reserve Service		\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-04-21F (FROZEN)
 Effective: December 1, 2008
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Pricing Plan R-04-21F (FROZEN)
Residential Lifeline/Senior Discount

A UniSource Energy Company

Power Supply Charge:

Table with 3 columns: Winter (November-April), On Peak, Off Peak. Row 1: Base Power Component, \$0.040698, \$0.020698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

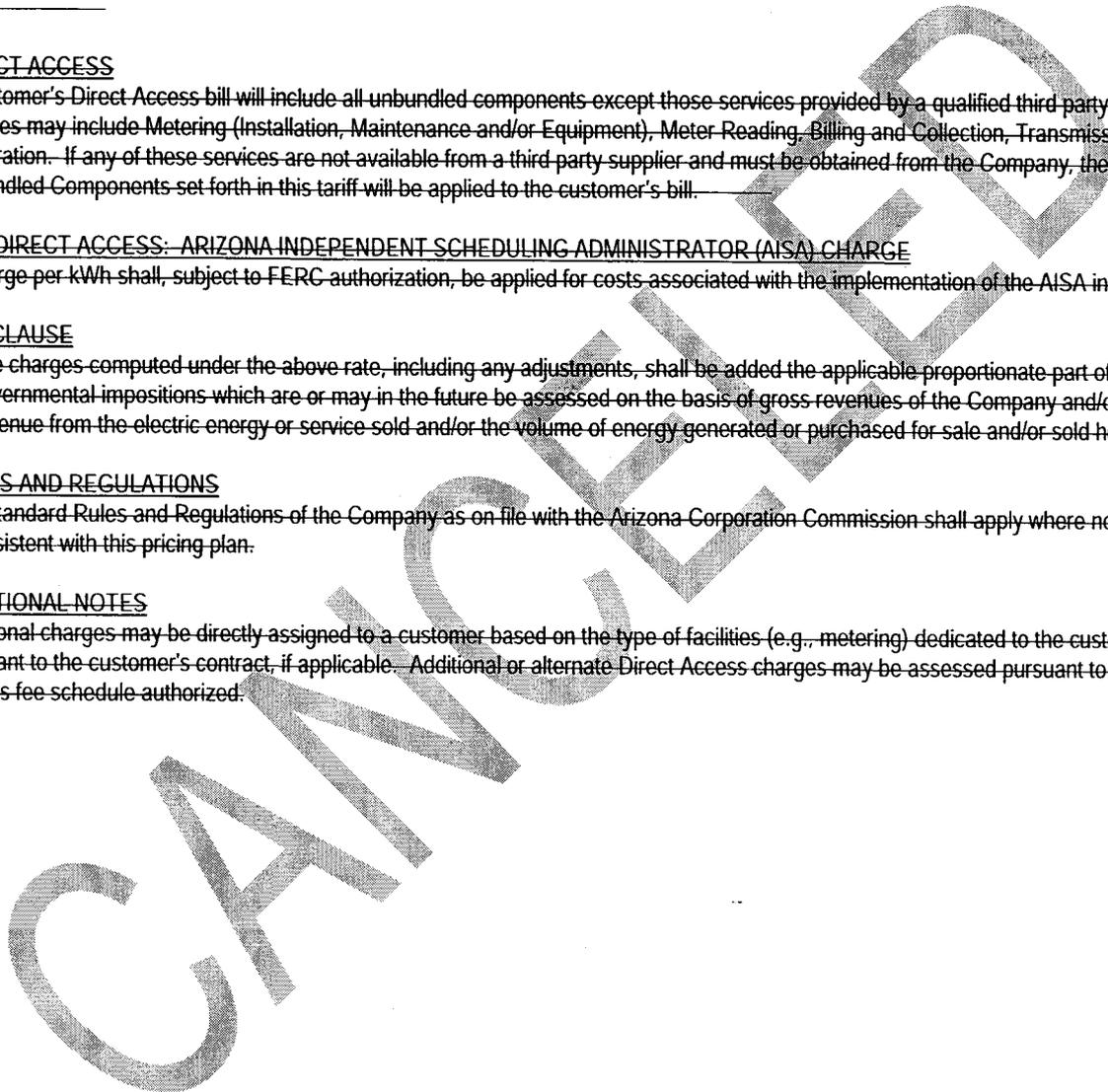
To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.



Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-04-21F (FROZEN)
Effective: December 1, 2008
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Pricing Plan R-04-70F (FROZEN) Residential Lifeline/Senior Discount

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

To all single phase (subject to availability at point of delivery) residential electric service in individual private dwellings and individually metered apartments when all service is supplied at one point of delivery and energy is metered through one meter; however, electric water heating may be metered separately. This discount is also available to tenants of master metered mobile home parks and apartments. The applicant must be 65 years of age, or older, to qualify.

Not applicable to resale, breakdown, standby, auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

CHARACTER OF SERVICE

Single or three phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 6.78 per month

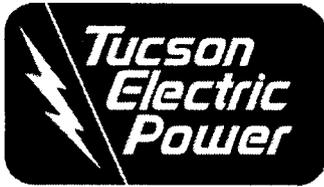
Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges.
All energy charges below are charged on a per kWh basis.

Summer (May - October)	Delivery Services Energy ¹	Power Supply Charges ² Base Power	Total ³
On-Peak	\$0.128473	\$0.055698	\$0.184171
Shoulder Peak	\$0.068120	\$0.048198	\$0.116318
Off-Peak	\$0.034962	\$0.023198	\$0.058160

Winter (November - April)	Delivery Services Energy ¹	Power Supply Charges ² Base Power	Total ³
On-Peak	\$0.085313	\$0.040698	\$0.126011
Shoulder Peak	N/A	N/A	N/A
Off-Peak	\$0.022921	\$0.020698	\$0.043619

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-04-70F (FROZEN)
Effective: December 1, 2008
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**Pricing Plan R-04-70F (FROZEN)
Residential Lifeline/Senior Discount**

A UniSource Energy Company

1. ~~Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.~~
2. ~~The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.~~
3. ~~The total calculated above is the total bundled kWh charge for this pricing plan.~~

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder rate in following billing months.

The summer On Peak period: 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). **The summer Shoulder period is** 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The winter On Peak periods: 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off Peak. If a holiday falls on Saturday, the preceding Friday is designated Off Peak; if a holiday falls on Sunday, the following Monday is designated Off Peak.

Monthly Discount:

For Bills with Usage of:	The Total Bill (before Taxes and Regulatory Assessments) Will Be Discounted by:
0 - 300 kWh	35%
301 - 600 kWh	30%
601 - 1000 kWh	25%
1001 - 1500 kWh	15%
Over 1500 kWh	0%

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.18 per month
	\$6.78 per month

Filed By: Raymond S. Heyman
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District: Entire Electric Service Area

Tariff No.: R-04-70F (FROZEN)
Effective: December 1, 2008
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**Pricing Plan R-04-70F (FROZEN)
Residential Lifeline/Senior Discount**

A UniSource Energy Company

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Components Summer (May—October)	On-Peak	Shoulder-Peak	Off Peak
Local Delivery Energy	(\$0.051182)	(\$0.039611)	(\$0.011122)
Generation Capacity	\$0.165693	\$0.093769	\$0.032122
Fixed Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge

Components Summer (May—October)	On-Peak	Shoulder-Peak	Off-Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Energy Charge Components of Delivery Services (Unbundling)

Components Winter (November—April)	On-Peak	Off-Peak
Local Delivery Energy	\$0.054643	(\$0.005085)
Generation Capacity	\$0.016708	\$0.014044
Fixed Must-Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

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Tariff No.: R-04-70F (FROZEN)
 Effective: December 1, 2008
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**Pricing Plan R-04-70F (FROZEN)
Residential Lifeline/Senior Discount**

A UniSource Energy Company

Power Supply Charge

Winter (November—April)	On-Peak	Off-Peak
Base Power Component	\$0.040698	\$0.020698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

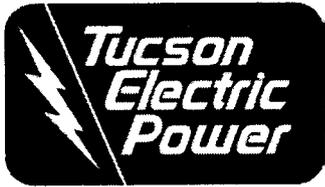
The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-04-70F (FROZEN)
Effective: December 1, 2008
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Pricing Plan R-05-01F (FROZEN) Residential Lifeline Discount

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

To all single phase or three phase (subject to availability at point of delivery) residential electric service in individual private dwellings and individually metered apartments when all service is supplied at one point of delivery and energy is metered through one meter; however, electric water heating may be metered separately. This discount is also available to tenants of master metered mobile home parks and apartments. The applicant must be 65 years of age, or older, to qualify.

Not applicable to resale, breakdown, standby, auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

CHARACTER OF SERVICE

Single or three phase, 60 Hertz, nominal 120/240-volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

- Customer Charge, Single Phase service and minimum bill \$ 4.90 per month
Customer Charge, Three Phase service and minimum bill \$12.26 per month

Energy Charge Components are unbundled into Delivery Services - Energy and and Power Supply Charge. All energy charges below are charged on a per kWh basis.

Table with 4 columns: Season, Delivery Services Energy, Power Supply Charge, Total. Rows for Summer (May - October) and Winter (November - April).

- 1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-05-01F (FROZEN)
Effective: December 1, 2008
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**Pricing Plan R-05-01F (FROZEN)
Residential Lifeline Discount**

A UniSource Energy Company

Monthly Discount:

For Bills with Usage of:	The Total Bill (before Taxes and Regulatory Assessments) Will Be Discounted by:
0 - 300 kWh	25%
301 - 600 kWh	20%
601 - 1000 kWh	15%
Over 1000 kWh	0%

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$1.59 per month
Customer Delivery	\$1.00 per month
	\$4.90 per month

Note: Additional meter services charge of \$7.36 per month for Three Phase Service. Therefore, the Meter Services charge for Three Phase is \$8.87 per month, and the corresponding bundled Customer Charge is \$12.26 per month.

Energy Charge Components of Delivery Services (Unbundling):

Component	Summer (May - October)	Winter (November - April)
Local Delivery Energy	\$0.010823	\$0.009039
Generation Capacity	\$0.032938	\$0.030271
Fixed Must Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Power Supply Charge:

	Summer (May - October)	Winter (November - April)
Base Power Component	\$0.033198	\$0.025698

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

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**Pricing Plan R-05-01F (FROZEN)
Residential Lifeline Discount**

A UniSource Energy Company

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. These services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

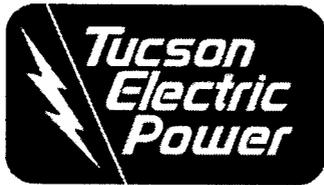
ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-05-01F (FROZEN)
Effective: December 1, 2008
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Pricing Plan R-05-21F (FROZEN) Residential Lifeline Discount

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

To all single-phase (subject to availability at point of delivery) residential electric service in individual private dwellings and individually metered apartments when all service is supplied at one point of delivery and energy is metered through one meter; however, electric water heating may be metered separately.

Not applicable to three phase service, resale, breakdown, standby, auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

CHARACTER OF SERVICE

Single-phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 6.86 per month

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges

All energy charges below are charged on a per kWh basis.

Summer (May - October)	Delivery Services Energy ¹	Power Supply Charges ²	
		Base Power	Total ³
On Peak	\$0.072215	\$0.053198	\$0.125413
Off Peak	\$0.026967	\$0.023198	\$0.050165

Winter (November - April)	Delivery Services Energy ¹	Power Supply Charges ²	
		Base Power	Total ³
On Peak	\$0.058320	\$0.040698	\$0.099018
Off Peak	\$0.029467	\$0.020698	\$0.050165

1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.

2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.

3. The total calculated above is the total bundled kWh charge for this pricing plan.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-05-21F (FROZEN)
Effective: December 1, 2008
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**Pricing Plan R-05-21F (FROZEN)
Residential Lifeline Discount**

A UniSource Energy Company

Summer On-Peak Period: 10:00 a.m. to 10:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

Winter On-Peak Period: 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

Monthly Discount:

The following monthly discount applies to the rate incorporated in this pricing plan. The discount is also available to tenants of master metered mobile home parks and apartments.

For Bills with Usage of:	The Total Bill (before Taxes and Regulatory Assessments) Will Be Discounted by:
0 - 300 kWh	25%
301 - 600 kWh	20%
601 - 1000 kWh	15%
Over 1000 kWh	0%

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling)

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.26 per month
	\$6.86 per Month

Energy Charge Components of Delivery Services (Unbundling):

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Components	Summer (May - October)	On-Peak	Off-Peak
Local Delivery Energy		(\$0.035469)	(\$0.000954)
Generation Capacity		\$0.093722	\$0.013959
Fixed Must-Run		\$0.003849	\$0.003849
System Benefits		\$0.000468	\$0.000468

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

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**Pricing Plan R-05-21F (FROZEN)
Residential Lifeline Discount**

A UniSource Energy Company

Transmission	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Power Supply Charge:

Summer (May – October)	On Peak	Off Peak
Base Power Component	\$0.053198	\$0.023198

Energy Charge Components of Delivery Services (Unbundling):

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Components Winter (November – April)	On Peak	Off Peak
Local Delivery Energy	(\$0.021385)	\$0.001546
Generation Capacity	\$0.065743	\$0.013959
Fixed Must Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Power Supply Charge

Winter (November – April)	On Peak	Off Peak
Base Power Component	\$0.040698	\$0.020698

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-05-21F (FROZEN)
 Effective: December 1, 2008
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**Pricing Plan R-05-21F (FROZEN)
Residential Lifeline Discount**

A UniSource Energy Company

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

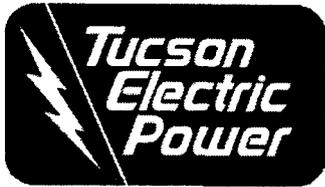
ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-05-21F (FROZEN)
Effective: December 1, 2008
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Pricing Plan R-05-70F (FROZEN) Residential Lifeline Discount

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

To all single phase (subject to availability at point of delivery) residential electric service in individual private dwellings and individually metered apartments when all service is supplied at one point of delivery and energy is metered through one meter; however, electric water heating may be metered separately. This discount is also available to tenants of master metered mobile home parks and apartments.

Not applicable to resale, breakdown, standby, auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

CHARACTER OF SERVICE

Single or three phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 6.78 per month

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges.

All energy charges below are charged on a per kWh basis.

Table with 4 columns: Summer (May - October), Delivery Services Energy, Power Supply Charges, and Total. Rows include On Peak, Shoulder Peak, and Off Peak.

Table with 4 columns: Winter (November - April), Delivery Services Energy, Power Supply Charges, and Total. Rows include On Peak, Shoulder Peak, and Off Peak.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-05-70F (FROZEN)
Effective: December 1, 2008
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Pricing Plan R-05-70F (FROZEN) Residential Lifeline Discount

A UniSource Energy Company

1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must-Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder rate in following billing months.

The summer On Peak period: 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). **The summer Shoulder period is** 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The winter On Peak periods: 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off Peak. If a holiday falls on Saturday, the preceding Friday is designated Off Peak; if a holiday falls on Sunday, the following Monday is designated Off Peak.

Monthly Discount:

For Bills with Usage of:	The Total Bill (before Taxes and Regulatory Assessments) Will Be Discounted by:
0 - 300 kWh	25%
301 - 600 kWh	20%
601 - 1000 kWh	15%
Over 1000 kWh	0%

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):	
Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.18 per month
	\$6.78 per month

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-05-70F (FROZEN)
 Effective: December 1, 2008
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**Pricing Plan R-05-70F (FROZEN)
Residential Lifeline Discount**

A UniSource Energy Company

Energy Charge Components of Delivery Services (Unbundling):

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Components Summer (May—October)	On-Peak	Shoulder-Peak	Off-Peak
Local Delivery Energy	(\$0.051182)	(\$0.039611)	(\$0.011122)
Generation Capacity	\$0.165693	\$0.093769	\$0.032122
Fixed Must Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

Components Summer (May—October)	On-Peak	Shoulder Peak	Off Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Energy Charge Components of Delivery Services (Unbundling):

Components Winter (November—April)	On-Peak	Off-Peak
Local Delivery Energy ¹	\$0.054643	(\$0.005085)
Generation Capacity	\$0.016708	\$0.014044
Fixed Must Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-05-70F (FROZEN)
 Effective: December 1, 2008
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Pricing Plan R-05-70F (FROZEN)
Residential Lifeline Discount

A UniSource Energy Company

Power Supply Charge:

Table with 3 columns: Winter (November-April), On-Peak, Off-Peak. Row 1: Base Power Component, \$0.040698, \$0.020698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. These services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

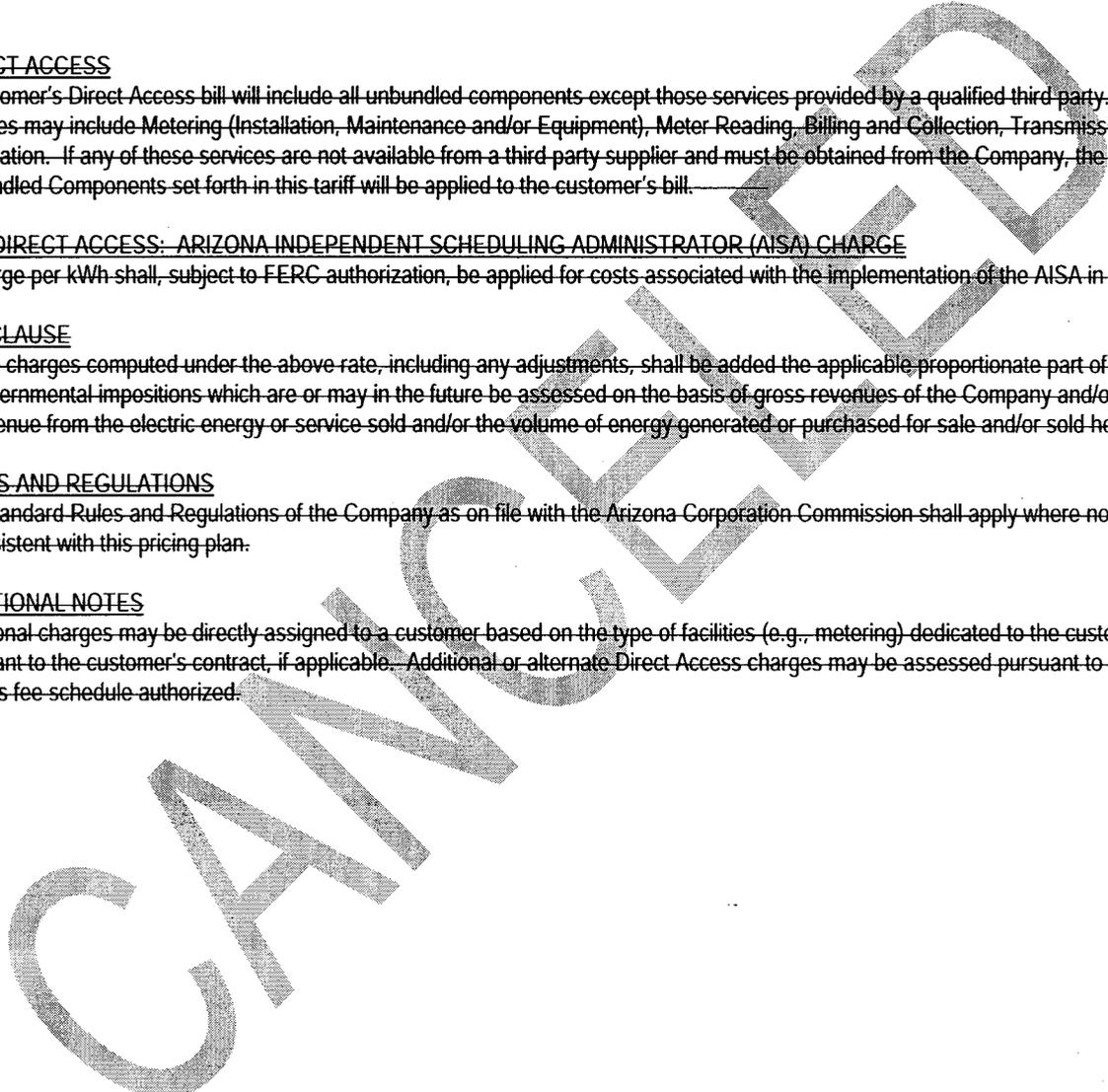
To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

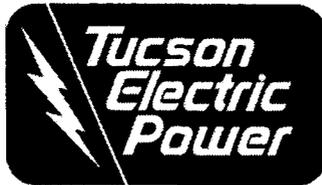
ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.



Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-05-70F (FROZEN)
Effective: December 1, 2008
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Pricing Plan R-05-201AF (FROZEN) Residential Lifeline Discount

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

To single phase or three phase (subject to availability at point of delivery) electric service in individual residences as described in current program details when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this pricing plan requires that the customer use exclusively the Company's service for all space heating and all water heating energy requirements except as provided below and that the customer's home conform to the standards of the Heating, Cooling and Comfort Guarantee program as in effect at the time of subscription to this pricing plan. Notwithstanding the above, the customer's use of solar energy for any purpose shall not preclude subscription to this pricing plan.

This discount is also available to tenants of master metered mobile home parks and apartments.

Not applicable to resale, breakdown, standby, auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

CHARACTER OF SERVICE

Single or three phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

- Customer Charge, Single Phase Service and minimum bill \$ 4.90 per month
Customer Charge, Three Phase Service and minimum bill \$12.26 per month

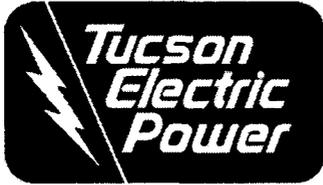
Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges. All energy charges below are charged on a per kWh basis.

Table with 4 columns: Season, Delivery Services Energy, Power Supply Charge, Total. Rows for Mid-summer, Remaining summer, and Winter.

- 1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-05-201AF (FROZEN)
Effective: Decemeber 1, 2008
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**Pricing Plan R-05-201AF (FROZEN)
Residential Lifeline Discount**

A UniSource Energy Company

Monthly Discount:

For Bills with Usage of:	The Total Bill (before Taxes and Regulatory Assessments) Will Be Discounted by:
0 - 300 kWh	25%
301 - 600 kWh	20%
601 - 1000 kWh	15%
Over 1000 kWh	0%

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$1.50 per month
Customer Delivery	\$1.00 per month
	\$4.90 per month

Note: Additional meter services charge of \$7.36 per month for Three Phase Service. Therefore, the Meter Services charge for Three Phase is \$8.87 per month, and the corresponding bundled Customer Charge is \$12.26 per month.

Energy Charge Components of Delivery Services (Unbundling):

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.):

Components	Mid-summer (June - August)	Remaining summer (May, September - October)	Winter (November - April)
Local Delivery Energy	\$0.009107	(\$0.007622)	(\$0.002347)
Generation Capacity	\$0.034653	—\$0.034653	\$0.027127
Fixed Must Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-05-201AF (FROZEN)
Effective: December 1, 2008
Page No.: 2 of 3



Pricing Plan R-05-201AF (FROZEN)
Residential Lifeline Discount

A UniSource Energy Company

Power Supply Charge:

Table with 4 columns: Component, On-Peak, Shoulder-Peak, Off-Peak. Row 1: Base Power Component, \$0.033198, \$0.033198, \$0.025698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

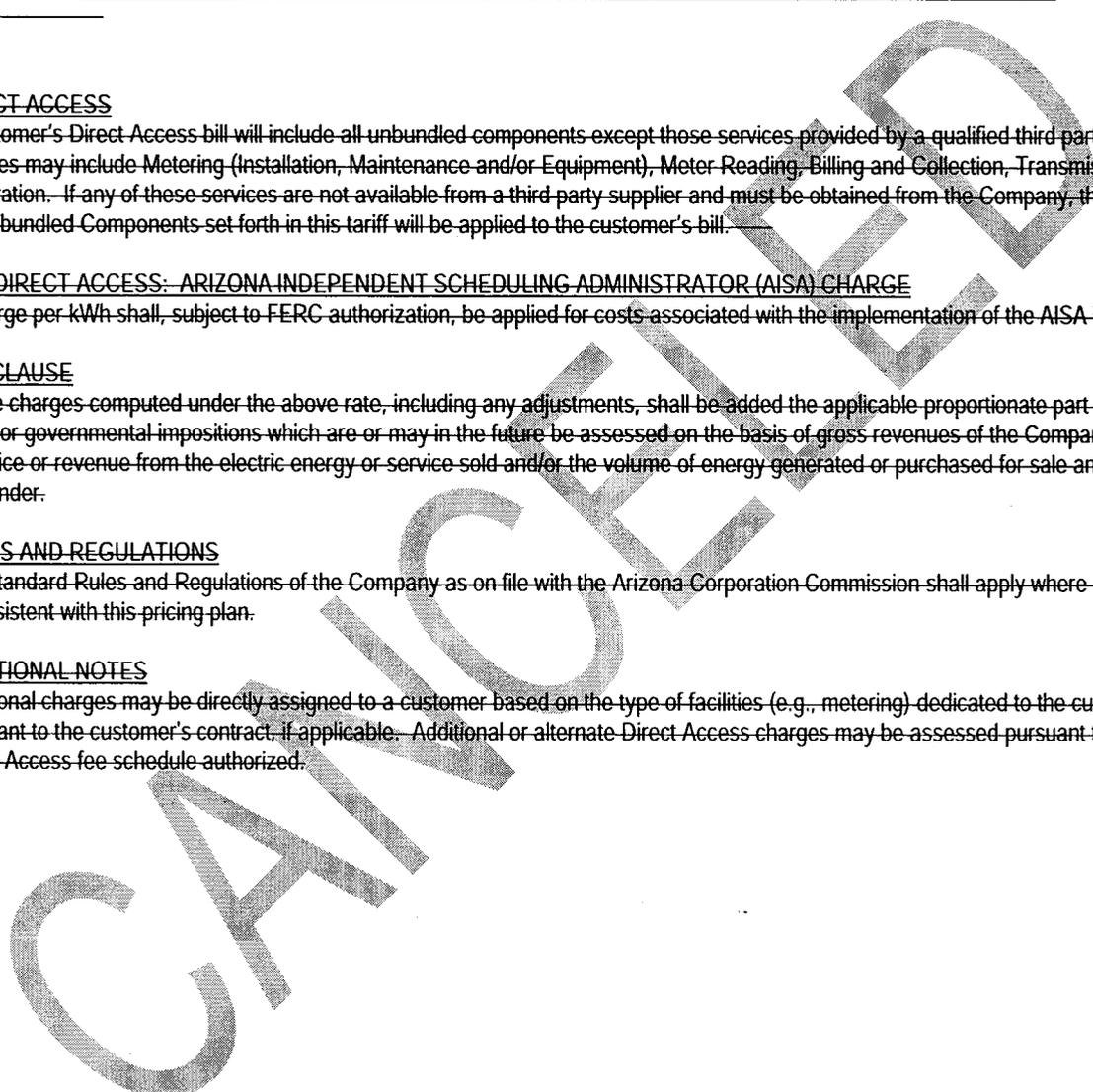
To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.



Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-05-201AF (FROZEN)
Effective: Decemeber 1, 2008
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Pricing Plan R-05-201BF (FROZEN)
Residential Lifeline Discount

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

To single phase (subject to availability at point of delivery) electric service in individual residences as described in current program details when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this pricing plan requires that the customer use exclusively the Company's service for all space heating and all water heating energy requirements except as provided below and that the customer's home conform to the standards of the Heating, Cooling and Comfort Guarantee program as in effect at the time of subscription to this pricing plan. Notwithstanding the above, the customer's use of solar energy for any purpose shall not preclude subscription to this pricing plan.

Not applicable to resale, breakdown, standby, auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 6.78 per month

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges.

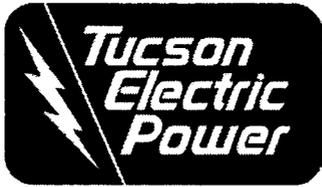
All energy charges below are charged on a per kWh basis.

Table with 4 columns: Mid-Summer (June-August), Delivery Services Energy, Power Supply Charges, Total. Rows: On-Peak, Shoulder Peak, Off-Peak.

Table with 4 columns: Remaining Summer (May & September-October), Delivery Services Energy, Power Supply Charges, Total. Rows: On-Peak, Shoulder Peak, Off-Peak.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-05-201BF (FROZEN)
Effective: December 1, 2008
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**Pricing Plan R-05-201BF (FROZEN)
Residential Lifeline Discount**

A UniSource Energy Company

Winter (November—April)	Delivery Services—Energy ¹	Power Supply Charges ² Base Power	- Total ³
On-Peak	\$0.059481	\$0.040698	\$0.100179
Off-Peak	\$0.013975	\$0.020698	\$0.034673

1. Delivery Services—Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder rate in following billing months.

The Mid-summer and Remaining summer On-Peak period: 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The Winter On-Peak periods: 7:00 a.m.—11:00 a.m. and 6:00 p.m.—9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

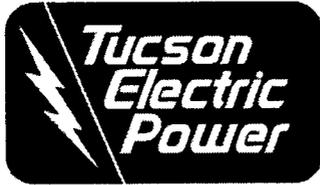
The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder rate in following billing months.

Monthly Discount:

For Bills with Usage of:	The Total Bill (before Taxes and Regulatory Assessments) Will Be Discounted by:
0—300 kWh	25%
301—600 kWh	20%
601—1000 kWh	15%
Over 1000 kWh	0%

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-05-201BF (FROZEN)
Effective: December 1, 2008
Page No.: 4 of 5



**Pricing Plan R-05-201BF (FROZEN)
Residential Lifeline Discount**

A UniSource Energy Company

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.18 per month
	\$6.78 per month

Energy Charge Components of Delivery Services (Unbundling):

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

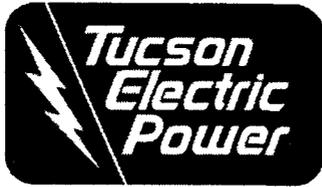
Components Mid-Summer (June-August)	On-Peak	Shoulder Peak	Off-Peak
Local Delivery Energy	\$0.069658	\$0.014335	\$0.001276
Generation Capacity	\$0.045853	\$0.039823	\$0.019724
Fixed Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

Mid-Summer (June-August)	On-Peak	Shoulder Peak	Off-Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-05-201BF (FROZEN)
 Effective: December 1, 2008
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**Pricing Plan R-05-201BF (FROZEN)
Residential Lifeline Discount**

A UniSource Energy Company

Components Remaining Summer (May & September – October)	On-Peak	Shoulder Peak	Off-Peak
Local Delivery Energy	\$0.030902	(\$0.009510)	(\$0.010648)
Generation Capacity	\$0.045853	\$0.039823	\$0.019724
Fixed Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

Components Remaining Summer (May & September – October)	On Peak	Shoulder Peak	Off Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Components Winter (November – April)	On-Peak	Off-Peak
Local Delivery Energy	\$0.011726	(\$0.017701)
Generation Capacity	\$0.033793	\$0.017714
Fixed Must-Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-05-201BF (FROZEN)
 Effective: December 1, 2008
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Pricing Plan R-05-201BF (FROZEN)
Residential Lifeline Discount

A UniSource Energy Company

Power Supply Charge:

Table with 3 columns: Winter (November-April), On Peak, Off Peak. Row: Base Power Component, \$0.040698, \$0.020698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

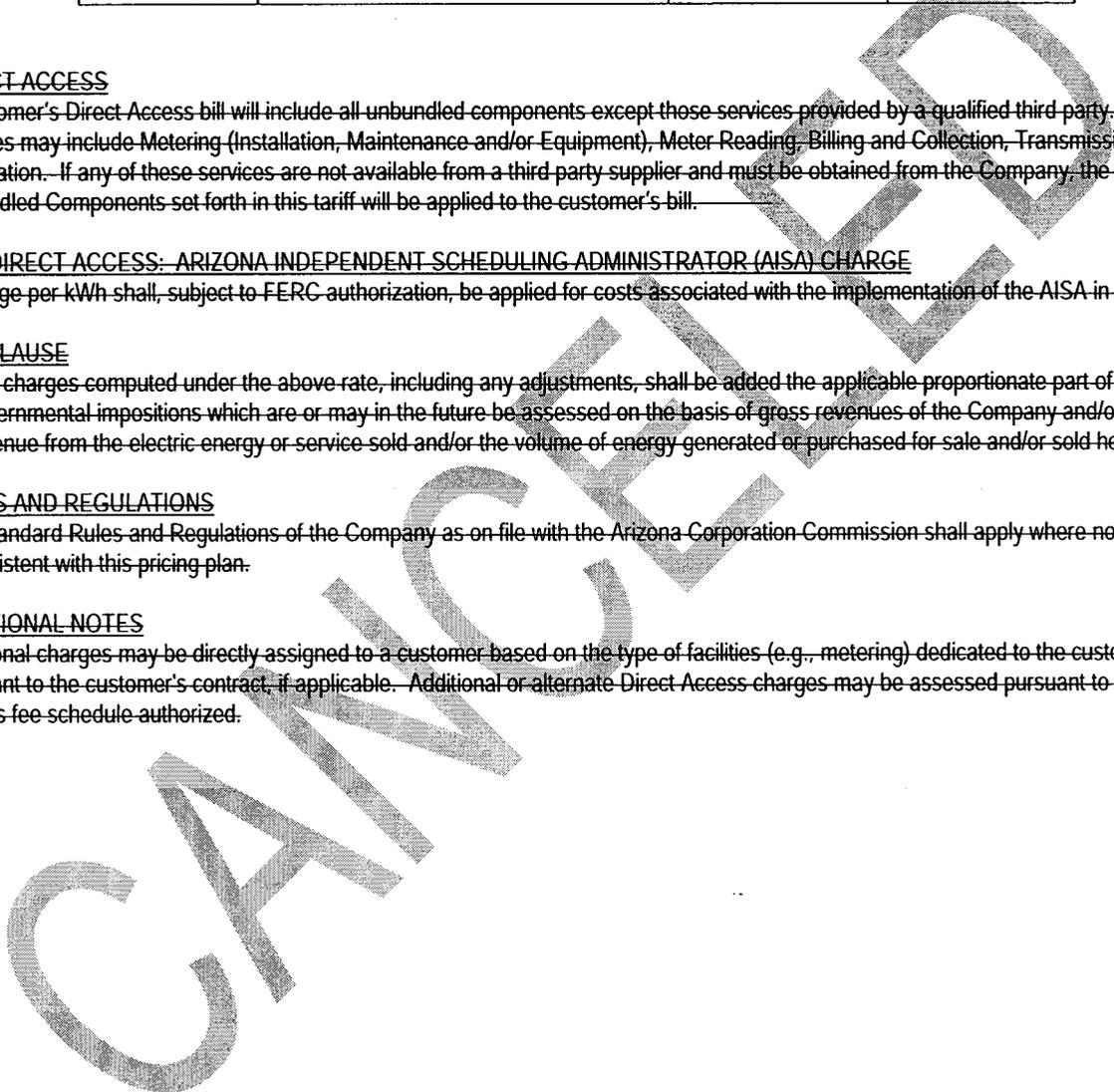
To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

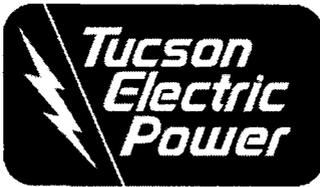
ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.



Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-05-201BF (FROZEN)
Effective: December 1, 2008
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Pricing Plan R-06-01 Residential Lifeline Discount

A UniSource Energy Company

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To all residential electric service in individual private dwellings and individually metered apartments when all service is supplied at one point of delivery and energy is metered through one meter; however, electric water heating may be metered separately. This discount is also available to tenants of master metered mobile home parks and apartments. Not applicable to resale, breakdown, standby, auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

ELIGIBILITY

1. The TEP account must be in the customer's name applying for a lifeline discount.
2. Applicant must be a TEP residential customer.
3. Applicant must have a combined household income at or below 150% of the federal poverty level. See Income Guidelines Chart on TEP's website at www.tep.com or contact a TEP customer care representative.

CHARACTER OF SERVICE

The service shall be single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill	\$ 4.90 per month
Customer Charge, Three Phase service and minimum bill	\$12.26 per month

Energy Charge Components are unbundled into Delivery Services - Energy and Power Supply Charge:

All energy charges below are charged on a per kWh basis.

	Delivery Services Energy ¹	Power Supply Charge ² Base Power	Total ³
Summer (May - October)	\$0.057723	\$0.033198	\$0.090921
Winter (November - April)	\$0.053272	\$0.025698	\$0.078970

1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

Monthly Discount:

The monthly bill shall be in accordance to the rate above except that a discount of \$8.00 per month shall be applied.

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-06-01
 Effective: December 1, 2008
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**Pricing Plan R-06-01
Residential Lifeline Discount**

A UniSource Energy Company

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$1.59 per month
Customer Delivery	\$1.00 per month
	\$4.90 per month

Note: Additional meter services charge of \$7.36 per month for Three Phase Service. Therefore, the Meter Services charge for Three Phase is \$8.87 per month, and the corresponding bundled Customer Charge is \$12.26 per month.

Energy Charge Components of Delivery Services (Unbundling):

Component	Summer (May - October)	Winter (November - April)
Local Delivery Energy	\$0.010823	\$0.009039
Generation Capacity	\$0.032938	\$0.030271
Fixed Must Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Power Supply Charge:

Component	Summer (May - October)	Winter (November - April)
Base Power	\$0.033198	\$0.025698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-06-01
 Effective: December 1, 2008
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**Pricing Plan R-06-01
Residential Lifeline Discount**

A UniSource Energy Company

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-06-01
Effective: December 1, 2008
Page No.: 1 of 3



Pricing Plan R-06-21F (FROZEN) Residential Lifeline Discount

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

ELIGIBILITY

- 1. The TEP account must be in the customer's name applying for a lifeline discount.
2. Applicant must be a TEP residential customer.
3. Applicant must have a combined household income at or below 150% of the federal poverty level. See Income Guidelines Chart on TEP's website at www.tep.com or contact a TEP customer care representative.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 6.86 per month

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges. All energy charges below are charged on a per kWh basis.

Table with 4 columns: Season (Summer), Delivery Services Energy, Power Supply Charges (Base Power), and Total. Rows for On-Peak and Off-Peak rates.

Table with 4 columns: Season (Winter), Delivery Services Energy, Power Supply Charges (Base Power), and Total. Rows for On-Peak and Off-Peak rates.

- 1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must-Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-06-21F (FROZEN)
Effective: December 1, 2008
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**Pricing Plan R-06-21F (FROZEN)
Residential Lifeline Discount**

A UniSource Energy Company

Summer On-Peak Period: 10:00 a.m. to 10:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

Winter On-Peak Period: 7:00 a.m. – 11:00 a.m. and 6:00 p.m. – 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off Peak. If a holiday falls on Saturday, the preceding Friday is designated Off Peak; if a holiday falls on Sunday, the following Monday is designated Off Peak.

Monthly Discount:

The monthly bill shall be in accordance to the rate above except that a discount of \$8.00 per month shall be applied.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.26 per month
	\$6.86 per Month

Energy Charge Components of Delivery Services (Unbundling):

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.):

Components	Summer (May – October)	On-Peak	Off-Peak
Local Delivery Energy		(\$0.035469)	(\$0.000954)
Generation Capacity		\$0.093722	\$0.013959
Fixed Must Run		\$0.003849	\$0.003849
System Benefits		\$0.000468	\$0.000468
Transmission		\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch		\$0.000102	\$0.000102
Reactive Supply and Voltage Control		\$0.000402	\$0.000402
Regulation and Frequency Response		\$0.000389	\$0.000389

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-06-21F (FROZEN)
 Effective: December 1, 2008
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**Pricing Plan R-06-21F (FROZEN)
Residential Lifeline Discount**

A UniSource Energy Company

Components	Summer (May – October)	On-Peak	Off-Peak
	Spinning Reserve Service		\$0.001055
Supplemental Reserve Service		\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

	Summer (May – October)	On-Peak	Off-Peak
	Base Power Component		\$0.053198

Energy Charge Components of Delivery Services (Unbundling):

-(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.-)

Components	Winter (November – April)	On-Peak	Off-Peak
	Local Delivery Energy		(\$0.021385)
Generation Capacity		\$0.065743	\$0.013959
Fixed Must-Run		\$0.003849	\$0.003849
System Benefits		\$0.000468	\$0.000468
Transmission		\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch		\$0.000102	\$0.000102
Reactive Supply and Voltage Control		\$0.000402	\$0.000402
Regulation and Frequency Response		\$0.000389	\$0.000389
Spinning Reserve Service		\$0.001055	\$0.001055
Supplemental Reserve Service		\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

	Winter (November – April)	On-Peak	Off-Peak
	Base Power Component		\$0.040698

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-06-21F (FROZEN)
 Effective: December 1, 2008
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**Pricing Plan R-06-21F (FROZEN)
Residential Lifeline Discount**

A UniSource Energy Company

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-06-21F (FROZEN)
Effective: December 1, 2008
Page No.: 3 of 4



Pricing Plan R-06-70
Residential Lifeline Discount

A UniSource Energy Company

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

Service is available to individual private dwellings and individually metered multi-family units when all service is supplied at one point of delivery and energy is metered through one meter; however, controlled off-peak electric water heating may be metered separately.

Not applicable to three phase service, resale, breakdown, temporary, standby, or auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

A Customer, at his/her discretion and after being served for a twelve (12) month period under Rate R-06-70, may opt to switch service to the Company's non-time-of-use Residential Rate R-06-01. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under Rate R-06-70 that would not have been paid under Rate R-06-01. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

ELIGIBILITY

- 1. The TEP account must be in the customer's name applying for a lifeline discount.
2. Applicant must be a TEP residential customer.
3. Applicant must have a combined household income at or below 150% of the federal poverty level. See Income Guidelines Chart on TEP's website at www.tep.com or contact a TEP customer care representative.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 6.78 per month

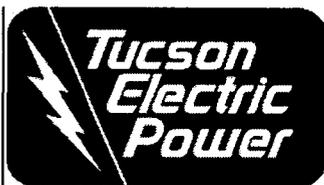
Energy Charge Components are unbundled into Delivery Services-Energy and Power Supply Charges.

All energy charges below are charged on a per kWh basis.

Table with 4 columns: Summer (May-October), Delivery Services-Energy, Power Supply Charges, and Total. Rows include On Peak, Shoulder Peak, and Off Peak.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-06-70
Effective: December 1, 2008
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Pricing Plan R-06-70 Residential Lifeline Discount

A UniSource Energy Company

Winter (November—April)	Delivery Services—Energy ¹	Power Supply Charges ² Base Power	Total ³
On-Peak	\$0.085313	\$0.040698	\$0.126011
Shoulder-Peak	N/A	N/A	N/A
Off-Peak	\$0.022921	\$0.020698	\$0.043619

1. Delivery Services—Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer-shoulder rate in following billing months.

The summer On-Peak period: 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The winter On-Peak periods: 7:00 a.m.—11:00 a.m. and 6:00 p.m.—9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

Monthly Discount:

The monthly bill shall be in accordance to the rate above except that a discount of \$8.00 per month shall be applied.

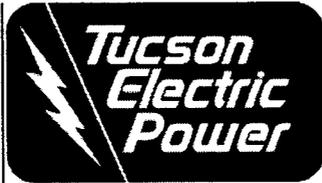
BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling)

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.18 per month
	\$6.78 per month

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-06-70
Effective: December 1, 2008
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**Pricing Plan R-06-70
Residential Lifeline Discount**

A UniSource Energy Company

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Components Summer (May—October)	On-Peak	Shoulder-Peak	Off Peak
Local Delivery Energy	(\$0.051182)	(\$0.039611)	(\$0.011122)
Generation Capacity	\$0.165693	\$0.093769	\$0.032122
Fixed Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

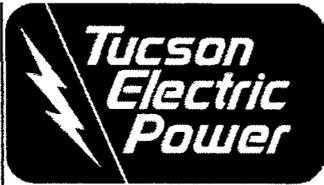
Components Summer (May—October)	On-Peak	Shoulder-Peak	Off Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Energy Charge Components of Delivery Services (Unbundling)

Components Winter (November—April)	On-Peak	Off Peak
Local Delivery Energy [†]	\$0.054643	(\$0.005085)
Generation Capacity	\$0.016708	\$0.014044
Fixed Must-Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-06-70
 Effective: December 1, 2008
 Page No.: 4 of 4



Pricing Plan R-06-70
Residential Lifeline Discount

A UniSource Energy Company

Power Supply Charge:

Winter (November - April)	On-Peak	Off Peak
Base Power Component	\$0.040698	\$0.020698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-06-70
Effective: December 1, 2008
Page No.: 4 of 4



Pricing Plan R-06-201A Residential Lifeline Discount

A UniSource Energy Company

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To single phase or three phase (subject to availability at point of delivery) electric service in individual residences as described in current program details when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this pricing plan requires that the customer use exclusively the Company's service for all space heating and all water heating energy requirements except as provided below and that the customer's home conform to the standards of the Heating, Cooling and Comfort Guarantee program as in effect at the time of subscription to this pricing plan. The customer's use of solar energy for any purpose shall not preclude subscription to this pricing plan. This discount is also available to tenants of master metered mobile home parks and apartments.

Not applicable to resale, breakdown, standby, auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

ELIGIBILITY

1. The TEP account must be in the customer's name applying for a lifeline discount.
2. Applicant must be a TEP residential customer.
3. Applicant must have a combined household income at or below 150% of the federal poverty level. See Income Guidelines Chart on TEP's website at www.tep.com or contact a TEP customer care representative.

CHARACTER OF SERVICE

The service shall be single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge, Single Phase Service and minimum bill	\$ 4.90 per month
Customer Charge, Three Phase Service and minimum bill	\$12.26 per month

Energy Charge Components are unbundled into Delivery Services-Energy and Power Supply Charges

All energy charges below are charged on a per kWh basis.

	Delivery Services-Energy ¹	Power Supply Charge ² Base Power	Total ³
Mid-summer (June-August)	\$0.057722	\$0.033198	\$0.090920
Remaining summer (May, September-October)	\$0.040993	\$0.033198	\$0.074191
Winter (November-April)	\$0.038742	\$0.025698	\$0.06444

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-06-201A
 Effective: December 1, 2008
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Pricing Plan R-06-201A Residential Lifeline Discount

A UniSource Energy Company

1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

Monthly Discount:

The monthly bill shall be in accordance to the rate above except that a discount of \$8.00 per month shall be applied. The minimum bill shall be the customer charge under this pricing plan of \$4.90.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$1.59 per month
Customer Delivery	\$1.00 per month
	\$4.90 per month

Note: Additional meter services charge of \$7.36 per month for Three Phase Service. Therefore, the Meter Services charge for Three Phase is \$8.87 per month, and the corresponding bundled Customer Charge is \$12.26 per month.

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Components	Mid-summer (June - August)	Remaining summer (May, September - October)	Winter (November - April)
Local Delivery Energy	\$0.009107	(\$0.007622)	(\$0.002347)
Generation Capacity	\$0.034653	\$0.034653	\$0.027127
Fixed Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-06-201A
 Effective: December 1, 2008
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**Pricing Plan R-06-201A
Residential Lifeline Discount**

A UniSource Energy Company

Components	Mid-summer (June–August)	Remaining-summer (May, September– October)	Winter (November– April)
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge

	Mid-summer (June–August)	Remaining-summer (May, September– October)	Winter (November– April)
Base Power Component	\$0.033198	\$0.033198	\$0.025698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-06-201A
Effective: December 1, 2008
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Pricing Plan R-06-201B Residential Lifeline Discount

A UniSource Energy Company

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To single phase (subject to availability at point of delivery) electric service in individual residences as described in current program details when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this pricing plan requires that the customer use exclusively the Company's service for all space heating and all water heating energy requirements except as provided below and that the customer's home conform to the standards of the Heating, Cooling and Comfort Guarantee program as in effect at the time of subscription to this pricing plan. Notwithstanding the above, the customer's use of solar energy for any purpose shall not preclude subscription to this pricing plan.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Customers must stay on pricing plan R-06-201B for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period of this pricing plan, may opt to switch service to the non time of use R-06-201A pricing plan. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under pricing plan R-06-201B, that would not have been paid under pricing plan R-06-201A. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

ELIGIBILITY

1. The TEP account must be in the customer's name applying for a lifeline discount.
2. Applicant must be a TEP residential customer.
3. Applicant must have a combined household income at or below 150% of the federal poverty level. See Income Guidelines Chart on TEP's website at www.tep.com or contact a TEP customer care representative.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE SERVICE SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 6.78 per month

Energy Charge Components are unbundled into Delivery Services-Energy and Power Supply Charges.

All energy charges below are charged on a per kWh basis.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-06-201B
Effective: December 1, 2008
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**Pricing Plan R-06-201B
Residential Lifeline Discount**

A UniSource Energy Company

Mid-Summer (June – August)	Delivery Services Energy ¹	Power Supply Charges ²	-
		Base Power	Total ³ .
On-Peak	\$0.128473	\$0.055698	\$0.184171
Shoulder Peak	\$0.068120	\$0.048198	\$0.116318
Off-Peak	\$0.034962	\$0.023198	\$0.058160

Remaining Summer (May & Sept – October)	Delivery Services Energy ¹	Power Supply Charges ²	-
		Base Power	Total ³ .
On-Peak	\$0.090717	\$0.055698	\$0.146415
Shoulder Peak	\$0.044275	\$0.048198	\$0.092473
Off-Peak	\$0.023038	\$0.023198	\$0.046236

Winter (November – April)	Delivery Services Energy ¹	Power Supply Charges ²	Total ³ .
		Base Power	
On-Peak	\$0.059481	\$0.040698	\$0.100179
Off-Peak	\$0.013975	\$0.020698	\$0.034673

1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder rate in following billing months.

The Mid-summer and Remaining summer On-Peak period: 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The Winter On-Peak periods: 7:00 a.m. – 11:00 a.m. and 6:00 p.m. – 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-06-201B
Effective: December 1, 2008
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**Pricing Plan R-06-201B
Residential Lifeline Discount**

A UniSource Energy Company

Monthly Discount:

The monthly bill shall be in accordance to the rate above except that a discount of \$8.00 per month shall be applied.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.18 per month
	\$6.78 per month

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

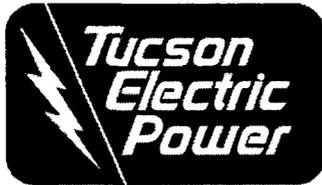
Components Mid-Summer (June - August)	On-Peak	Shoulder-Peak	Off-Peak
Local-Delivery Energy	\$0.068658	\$0.014335	\$0.001276
Generation Capacity	\$0.045853	\$0.039823	\$0.019724
Fixed Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charges:

Mid-Summer (June - August)	On-Peak	Shoulder-Peak	Off-Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Filed By: Raymond S. Heyman
 Title: Senior Vice-President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-06-201B
 Effective: December 1, 2008
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**Pricing Plan R-06-201B
Residential Lifeline Discount**

A UniSource Energy Company

Components Remaining Summer (May & September – October)	On-Peak	Shoulder-Peak	Off-Peak
Local Delivery Energy	\$0.030902	(\$0.009510)	(\$0.010648)
Generation Capacity	\$0.045853	\$0.039823	\$0.019724
Fixed Must Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charges:

Remaining Summer (May & September – October)	On Peak	Shoulder Peak	Off Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Components Winter (November – April)	On-Peak	Off-Peak
Local Delivery Energy	\$0.011726	(\$0.017701)
Generation Capacity	\$0.033793	\$0.017714
Fixed Must Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Power Supply Charges:

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-06-201B
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**Pricing Plan R-06-201B
Residential Lifeline Discount**

A UniSource Energy Company

Winter (November—April)	On-Peak	Off-Peak
Base Power Component	\$0.040698	\$0.020698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-06-201B
Effective: December 1, 2008
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Pricing Plan R-06-201C Residential Lifeline Discount

A UniSource Energy Company

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To single phase (subject to availability at point of delivery) electric service in individual residences as described in current program details when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this pricing plan requires that the customer use exclusively the Company's service for all space heating and either (1) solar water heating equipment or (2) an electric heat pump water heater or (3) a photovoltaic system except as provided below and that the customer's home conform to the standards of the Heating, Cooling and Comfort Guarantee program as in effect at the time of subscription to this pricing plan.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Customers must stay on pricing plan R-06-201C for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period of this pricing plan, may opt to switch service to the non time of use pricing plan of R-06-201A. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under pricing plan R-06-201C, that would not have been paid under pricing plan R-06-201A. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

ELIGIBILITY

1. The TEP account must be in the customer's name applying for a lifeline discount.
2. Applicant must be a TEP residential customer.
3. Applicant must have a combined household income at or below 150% of the federal poverty level. See Income Guidelines Chart on TEP's website at www.tep.com or contact a TEP customer care representative.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 6.78 per month

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges.

All energy charges below are charged on a per kWh basis.

Mid-Summer (June - August)	Delivery Services Energy ¹	Power Supply Charges ² Base Power	Total ³
On-Peak	\$0.128473	\$0.055698	\$0.184171
Shoulder Peak	\$0.068120	\$0.048198	\$0.116318
Off-Peak	\$0.034962	\$0.023198	\$0.058160

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-06-201C
 Effective: December 1, 2008
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Pricing Plan R-06-201C
Residential Lifeline Discount

A UniSource Energy Company

Table with 4 columns: Remaining Summer (May & September-October), Delivery Services Energy, Power Supply Charges Base Power, and Total. Rows include On-Peak, Shoulder Peak, and Off-Peak rates.

Table with 4 columns: Winter (November-April), Delivery Services Energy, Power Supply Charges Base Power, and Total. Rows include On-Peak and Off-Peak rates.

- 1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must-Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder rate in following billing months.

The Mid-summer and Remaining summer On-Peak period: 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The Winter On-Peak periods: 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

Monthly Discount:

The monthly bill shall be in accordance to the rate above except that a discount of \$8.00 per month shall be applied.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-06-201C
Effective: December 1, 2008
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**Pricing Plan R-06-201C
Residential Lifeline Discount**

A UniSource Energy Company

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.18 per month
	\$6.78 per month

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Components Mid-Summer (June—August)	On-Peak	Shoulder-Peak	Off-Peak
Local Delivery Energy	\$0.079051	\$0.023362	\$0.005747
Generation Capacity	\$0.035460	\$0.030796	\$0.015253
Fixed Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

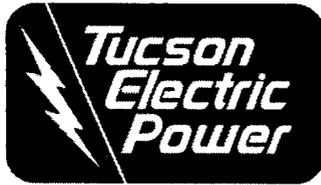
Mid-Summer (June—August)	On-Peak	Shoulder-Peak	Off-Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-06-201C
 Effective: December 1, 2008
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**Pricing Plan R-06-201C
Residential Lifeline Discount**

A UniSource Energy Company

Components Remaining Summer (May & September – October)	On-Peak	Shoulder-Peak	Off-Peak
Local-Delivery-Energy	\$0.032087	(\$0.006298)	(\$0.009085)
Generation Capacity	\$0.035460	\$0.030796	\$0.015253
Fixed-Must-Run	\$0.003849	\$0.003849	\$0.003849
System-Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

Remaining Summer (May & September – October)	On-Peak	Shoulder-Peak	Off Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Components Winter (November – April)	On-Peak	Off Peak
Local-Delivery-Energy	\$0.013086	(\$0.015868)
Generation Capacity	\$0.026133	\$0.013699
Fixed-Must-Run	\$0.003849	\$0.003849
System-Benefits	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Filed-By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-06-201C
 Effective: December 1, 2008
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Pricing Plan R-06-201C
Residential Lifeline Discount

A UniSource Energy Company

Power Supply Charge:

Winter (November - April)	On-Peak	Off-Peak
Base Power Component	\$0.040698	\$0.020698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

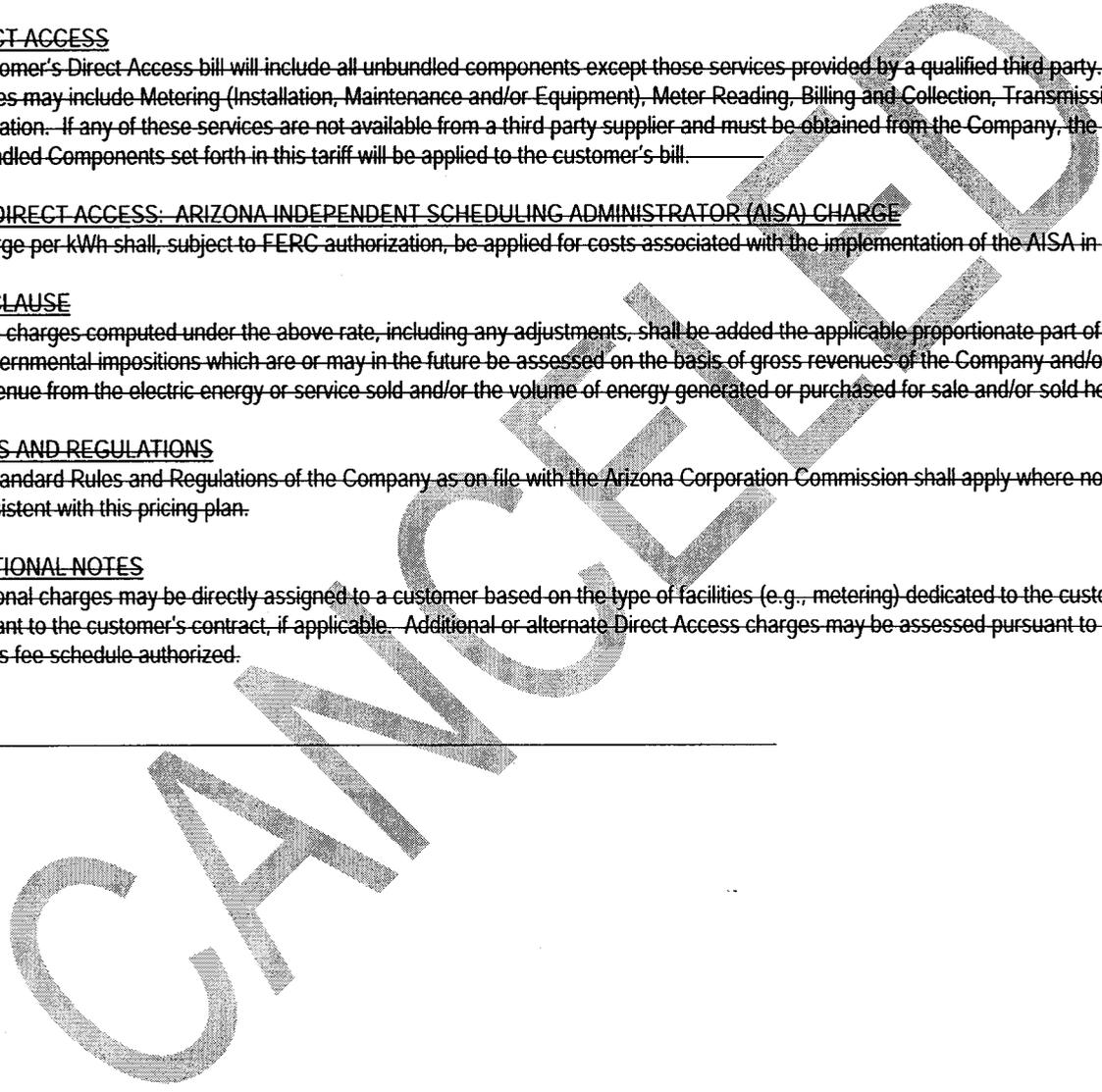
To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

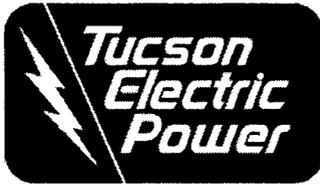
ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.



Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-06-201C
Effective: December 1, 2008
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Pricing Plan R-08-01
Residential Lifeline/Medical Life-Support Discount

A UniSource Energy Company

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To all residential electric service in individual private dwellings and individually metered apartments when all service is supplied at one point of delivery and energy is metered through one meter; however, electric water heating may be metered separately. This discount is also available to tenants of master metered mobile home parks and apartments.

Not applicable to resale, breakdown, standby, auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

ELIGIBILITY

- 1. Applicant must have a combined household income at or below 150% of the federal poverty level. See Income Guidelines Chart on TEP's website at www.tep.com or contact a TEP customer care representative.
2. The applicant must provide documentation to the company that the regular use of a medical life support device is essential to maintain the life of a full time resident of the household; or a full time resident of the household is a paraplegic, quadriplegic or hemiplegic, or a multiple sclerosis or scleroderma patient.
3. A Physician's Verification Form must be completed by the doctor documenting the patient's critical need for electrically powered appliances and describing the needed devices.

CHARACTER OF SERVICE

The service shall be single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE

Customer Charge Components of Delivery Services:

- Customer Charge, Single Phase service and minimum bill \$ 4.90 per month
Customer Charge, Three Phase service and minimum bill \$12.26 per month

Energy Charge Components are unbundled into Delivery Services - Energy and and Power Supply Charge:
All energy charges below are charged on a per kWh basis.

Table with 4 columns: Season, Delivery Services Energy, Power Supply Charge, Total. Rows for Summer (May - October) and Winter (November - April).

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-08-01
Effective: December 1, 2008
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**Pricing Plan R-08-01
Residential Lifeline/Medical Life-Support Discount**

A UniSource Energy Company

1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

Monthly Discount:

For Bills with Usage of:	The Total Bill (before Taxes and Regulatory Assessments) Will Be Discounted by:
0 – 1000 kWh	35%
1001 – 2000 kWh	30%
Over 2000 kWh	10%

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$1.59 per month
Customer Delivery	\$1.00 per month
	\$4.90 per month

Note: Additional meter services charge of \$7.36 per month for Three Phase Service. Therefore, the Meter Services charge for Three Phase is \$8.87 per month, and the corresponding bundled Customer Charge is \$12.26 per month.

Energy Charge Components of Delivery Services (Unbundling)

Component	Summer (May – October)	Winter (November – April)
Local Delivery Energy	\$0.010823	\$0.009039
Generation Capacity	\$0.032938	\$0.030271
Fixed Must Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-08-01
 Effective: December 1, 2008
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**Pricing Plan R-08-01
Residential Lifeline/Medical Life-Support Discount**

A UniSource Energy Company

Energy Charge Components of Delivery Services (Unbundling)

Transmission	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Power Supply Charge:

Component	Summer (May - October)	Winter (November - April)
Base Power	\$0.033198	\$0.025698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-08-01
Effective: December 1, 2008
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Pricing Plan R-08-21F (FROZEN) Residential Lifeline/Medical Life-Support Discount

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

ELIGIBILITY

1. Applicant must have a combined household income at or below 150% of the federal poverty level. See Income Guidelines Chart on TEP's website at www.tep.com or contact a TEP customer care representative.
2. The applicant must provide documentation to the company that the regular use of a medical life-support device is essential to maintain the life of a full-time resident of the household; or a full-time resident of the household is a paraplegic, quadriplegic or hemiplegic, or a multiple sclerosis or scleroderma patient.
3. A Physician's Verification Form must be completed by the doctor documenting the patient's critical need for electrically powered appliances and describing the needed devices.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 6.86 per month

Energy Charge Components are unbundled into Delivery Services-Energy and Power Supply Charges

All energy charges below are charged on a per kWh basis.

Summer (May - October)	Delivery Services-Energy ¹	Power Supply Charges ² Base Power	- Total ³
On-Peak	\$0.072215	\$0.053198	\$0.125413
Off-Peak	\$0.026967	\$0.023198	\$0.050165

Winter (November - April)	Delivery Services-Energy ¹	Power Supply Charges ² Base Power	- Total ³
On-Peak	\$0.058320	\$0.040698	\$0.099018
Off-Peak	\$0.029467	\$0.020698	\$0.050165

1. Delivery Services-Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-08-21F (FROZEN)
 Effective: December 1, 2008
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**Pricing Plan R-08-21F (FROZEN)
Residential Lifeline/Medical Life-Support Discount**

A UniSource Energy Company

3. The total calculated above is the total bundled kWh charge for this pricing plan.

Summer On-Peak Period: 10:00 a.m. to 10:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

Winter On-Peak Period: 7:00 a.m. — 11:00 a.m. and 6:00 p.m. — 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

Monthly Discount: _____

For Bills with Usage of:	The Total Bill (before Taxes and Regulatory Assessments) Will Be Discounted by:
0 — 1000 kWh	35%
1001 — 2000 kWh	30%
Over 2000 kWh	10%

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS: _____

Customer Charge Components of Delivery Services (Unbundling)

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.26 per month
	\$6.86 per Month

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Components	Summer (May — October)	On-Peak	Off-Peak
Local Delivery Energy		(\$0.035469)	(\$0.000954)
Generation Capacity		\$0.093722	\$0.013959
Fixed Must-Run		\$0.003849	\$0.003849

Filed By: Raymond S. Heyman
 Title: Senior Vice-President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-08-21F (FROZEN)
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Pricing Plan R-08-21F (FROZEN)
Residential Lifeline/Medical Life Support Discount

A UniSource Energy Company

Components	Summer (May—October)	On-Peak	Off-Peak
System Benefits		\$0.000468	\$0.000468
Transmission		\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch		\$0.000102	\$0.000102
Reactive Supply and Voltage Control		\$0.000402	\$0.000402
Regulation and Frequency Response		\$0.000389	\$0.000389
Spinning Reserve Service		\$0.001055	\$0.001055
Supplemental Reserve Service		\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

	Summer (May—October)	On-Peak	Off-Peak
Base Power Component		\$0.053198	\$0.023198

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Components	Winter (November—April)	On-Peak	Off-Peak
Local Delivery Energy		(\$0.021385)	\$0.001546
Generation Capacity		\$0.065743	\$0.013959
Fixed Must-Run		\$0.003849	\$0.003849
System Benefits		\$0.000468	\$0.000468
Transmission		\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch		\$0.000102	\$0.000102
Reactive Supply and Voltage Control		\$0.000402	\$0.000402
Regulation and Frequency Response		\$0.000389	\$0.000389
Spinning Reserve Service		\$0.001055	\$0.001055
Supplemental Reserve Service		\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

	Winter (November—April)	On-Peak	Off-Peak
Base Power Component		\$0.040698	\$0.020698

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-08-21F (FROZEN)
 Effective: December 1, 2008
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**Pricing Plan R-08-21F (FROZEN)
Residential Lifeline/Medical Life Support Discount**

A UniSource Energy Company

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-08-21F (FROZEN)
Effective: December 1, 2008
Page No.: 3 of 4



Pricing Plan R-08-70 Residential Lifeline/Medical Life Support Discount

A UniSource Energy Company

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

Service is available to individual private dwellings and individually metered multi-family units when all service is supplied at one point of delivery and energy is metered through one meter; however, controlled off peak electric water heating may be metered separately.

Not applicable to three-phase service, resale, breakdown, temporary, standby, or auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

A Customer, at his/her discretion and after being served for a twelve (12) month period under Rate R-06-70, may opt to switch service to the Company's non-time-of-use Residential Rate R-06-01. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under Rate R-06-70 that would not have been paid under Rate R-06-01. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

ELIGIBILITY

1. Applicant must have a combined household income at or below 150% of the federal poverty level. See Income Guidelines Chart on TEP's website at www.tep.com or contact a TEP customer care representative.
2. The applicant must provide documentation to the company that the regular use of a medical life support device is essential to maintain the life of a full-time resident of the household; or a full-time resident of the household is a paraplegic, quadriplegic or hemiplegic, or a multiple sclerosis or scleroderma patient.
3. A Physician's Verification Form must be completed by the doctor documenting the patient's critical need for electrically powered appliances and describing the needed devices.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 6.78 per month

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges.

All energy charges below are charged on a per kWh basis.

Summer (May - October)	Delivery Services Energy ¹	Power Supply Charges ² Base Power	Total ³
On-Peak	\$0.128473	\$0.055698	\$0.184171
Shoulder-Peak	\$0.068120	\$0.048198	\$0.116318
Off-Peak	\$0.034962	\$0.023198	\$0.058160

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-08-70
 Effective: December 1, 2008
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**Pricing Plan R-08-70
Residential Lifeline/Medical Life-Support Discount**

A UniSource Energy Company

Winter (November—April)	Delivery Services-Energy ¹	Power-Supply Charges ² Base Power	Total ³
On-Peak	\$0.085313	\$0.040698	\$0.126011
Shoulder-Peak	N/A	N/A	N/A
Off-Peak	\$0.022921	\$0.020698	\$0.043619

1. Delivery Services-Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder rate in following billing months.

The summer On-Peak period: 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). **The summer Shoulder period is** 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The winter On-Peak periods: 7:00 a.m.—11:00 a.m. and 6:00 p.m.—9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

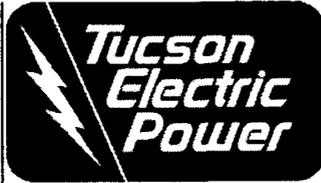
All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

Monthly Discount:

For Bills with Usage of:	The Total Bill (before Taxes and Regulatory Assessments) Will Be Discounted by:
0—1000 kWh	35%
1001—2000 kWh	30%
Over 2000 kWh	10%

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-08-70
 Effective: December 1, 2008
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**Pricing Plan R-08-70
Residential Lifeline/Medical Life Support Discount**

A UniSource Energy Company

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling)

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.18 per month
	\$6.78 per month

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Components Summer (May – October)	On-Peak	Shoulder-Peak	Off-Peak
Local Delivery Energy	(\$0.051182)	(\$0.039611)	(\$0.011122)
Generation Capacity	\$0.165693	\$0.093769	\$0.032122
Fixed Must Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

Summer (May – October)	On-Peak	Shoulder-Peak	Off-Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Energy Charge Components of Delivery Services (Unbundling)

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-08-70
 Effective: December 1, 2008
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**Pricing Plan R-08-70
Residential-Lifeline/Medical Life-Support Discount**

A UniSource Energy Company

Components	Winter (November – April)	On-Peak	Off-Peak
Local Delivery Energy ¹		\$0.054643	(\$0.005085)
Generation Capacity		\$0.016708	\$0.014044
Fixed Must-Run		\$0.003849	\$0.003849
System Benefits		\$0.000468	\$0.000468
Transmission		\$0.007525	\$0.007525
System Control & Dispatch		\$0.000102	\$0.000102
Reactive Supply and Voltage Control		\$0.000402	\$0.000402
Regulation and Frequency Response		\$0.000389	\$0.000389
Spinning Reserve Service		\$0.001055	\$0.001055
Supplemental Reserve Service		\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charges:

	Winter (November – April)	On-Peak	Off-Peak
Base Power Component		\$0.040698	\$0.020698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

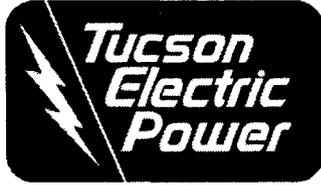
The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-08-70
 Effective: December 1, 2008
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Pricing Plan R-08-201A
Residential Lifeline/Medical Life-Support Discount

A UniSource Energy Company

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To single phase or three phase (subject to availability at point of delivery) electric service in individual residences as described in current program details when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this pricing plan requires that the customer use exclusively the Company's service for all space heating and all water heating energy requirements except as provided below and that the customer's home conform to the standards of the Heating, Cooling and Comfort Guarantee program as in effect at the time of subscription to this pricing plan. The customer's use of solar energy for any purpose shall not preclude subscription to this pricing plan. This discount is also available to tenants of master-metered mobile home parks and apartments.

Not applicable to resale, breakdown, standby, auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

ELIGIBILITY

- 1. Applicant must have a combined household income at or below 150% of the federal poverty level. See Income Guidelines Chart on TEP's website at www.tep.com or contact a TEP customer care representative.
2. The applicant must provide documentation to the company that the regular use of a medical life support device is essential to maintain the life of a full time resident of the household; or a full time resident of the household is a paraplegic, quadriplegic or hemiplegic, or a multiple sclerosis or scleroderma patient.
3. A Physician's Verification Form must be completed by the doctor documenting the patient's critical need for electrically powered appliances and describing the needed devices.

CHARACTER OF SERVICE

The service shall be single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

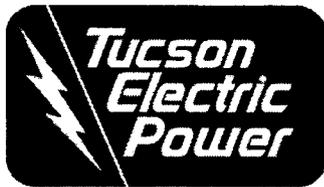
Table with 2 columns: Service description and Rate. Rows include Single Phase Service and minimum bill (\$ 4.90 per month) and Three Phase Service and minimum bill (\$12.26 per month).

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges

All energy charges below are charged on a per kWh basis.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-08-201A
Effective: December 1, 2008
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**Pricing Plan R-08-201A
Residential Lifeline/Medical Life-Support Discount**

A UniSource Energy Company

	Delivery Services-Energy ¹	Power Supply Charge ² Base Power	Total ³
Mid-summer (June—August)	\$0.057722	\$0.033198	\$0.090920
Remaining-summer (May, September—October)	\$0.040993	\$0.033198	\$0.074191
Winter (November—April)	\$0.038742	\$0.025698	\$0.06444

1. Delivery Services-Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

Monthly Discount: _____

For Bills with Usage of:	The Total Bill (before Taxes and Regulatory Assessments) Will Be Discounted by:
— 0 — 1000 kWh	35%
1001 — 2000 kWh	30%
Over 2000 kWh	10%

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS: _____

Customer Charge Components of Delivery Services (Unbundling)

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$1.59 per month
Customer Delivery	\$1.00 per month
	\$4.90 per month

Note: Additional meter services charge of \$7.36 per month for Three Phase Service. Therefore, the Meter Services charge for Three Phase is \$8.87 per month, and the corresponding bundled Customer Charge is \$12.26 per month.

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-08-201A
Effective: December 1, 2008
Page No.: 4 of 4



**Pricing Plan R-08-201A
Residential Lifeline/Medical Life Support Discount**

A UniSource Energy Company

Components	Mid-summer (June – August)	Remaining-summer (May, September– October)	Winter (November – April)
Local Delivery Energy	\$0.009107	(\$0.007622)	(\$0.002347)
Generation Capacity	\$0.034653	\$0.034653	\$0.027127
Fixed Must Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

	Mid-summer (June – August)	Remaining-summer (May, September– October)	Winter (November – April)
Base Power Component	\$0.033198	\$0.033198	\$0.025698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

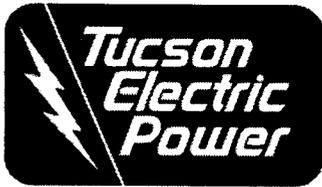
To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-08-201A
Effective: December 1, 2008
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**Pricing Plan R-08-201A
Residential Lifeline/Medical Life-Support Discount**

A UniSource Energy Company

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-08-201A
Effective: December 1, 2008
Page No.: 4 of 4



Pricing Plan R-08-201B
Residential Lifeline/Medical Life Support Discount

A UniSource Energy Company

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To single phase (subject to availability at point of delivery) electric service in individual residences as described in current program details when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this pricing plan requires that the customer use exclusively the Company's service for all space heating and all water heating energy requirements except as provided below and that the customer's home conform to the standards of the Heating, Cooling and Comfort Guarantee program as in effect at the time of subscription to this pricing plan. Notwithstanding the above, the customer's use of solar energy for any purpose shall not preclude subscription to this pricing plan.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Customers must stay on pricing plan R-06-201B for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period of this pricing plan, may opt to switch service to the non time-of-use R-06-201A pricing plan. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under pricing plan R-06-201B, that would not have been paid under pricing plan R-06-201A. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

ELIGIBILITY

- 1. Applicant must have a combined household income at or below 150% of the federal poverty level. See Income Guidelines Chart on TEP's website at www.tep.com or contact a TEP customer care representative.
2. The applicant must provide documentation to the company that the regular use of a medical life support device is essential to maintain the life of a full time resident of the household; or a full time resident of the household is a paraplegic, quadriplegic or hemiplegic, or a multiple sclerosis or scleroderma patient.
3. A Physician's Verification Form must be completed by the doctor documenting the patient's critical need for electrically powered appliances and describing the needed devices.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 6.78 per month

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges.

All energy charges below are charged on a per kWh basis.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-08-201B
Effective: December 1, 2008
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**Pricing Plan R-08-201B
Residential Lifeline/Medical Life Support Discount**

A UniSource Energy Company

Mid-Summer (June—August)	Delivery Services—Energy¹	Power Supply Charges² Base Power	- Total³
On-Peak	\$0.128473	\$0.055698	\$0.184171
Shoulder-Peak	\$0.068120	\$0.048198	\$0.116318
Off-Peak	\$0.034962	\$0.023198	\$0.058160

Remaining Summer (May & September— October)	Delivery Services—Energy¹	Power Supply Charges² Base Power	- Total³
On-Peak	\$0.090717	\$0.055698	\$0.146415
Shoulder-Peak	\$0.044275	\$0.048198	\$0.092473
Off-Peak	\$0.023038	\$0.023198	\$0.046236

Winter (November—April)	Delivery Services—Energy¹	Power Supply Charges² Base Power	- Total³
On-Peak	\$0.059481	\$0.040698	\$0.100179
Off-Peak	\$0.013975	\$0.020698	\$0.034673

1. Delivery Services—Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must-Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder rate in following billing months.

The Mid-summer and Remaining-summer On-Peak period: 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The Winter On-Peak periods: 7:00 a.m.—11:00 a.m. and 6:00 p.m.—9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-08-201B
Effective: December 1, 2008
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**Pricing Plan R-08-201B
Residential Lifeline/Medical Life Support Discount**

A UniSource Energy Company

Monthly Discount:

For Bills with Usage of:	The Total Bill (before Taxes and Regulatory Assessments) Will Be Discounted by:
0 - 1000 kWh	35%
1001 - 2000 kWh	30%
Over 2000 kWh	10%

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.18 per month
	\$6.78 per month

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Components	On-Peak	Shoulder-Peak	Off-Peak
Mid-Summer (June - August)			
Local Delivery Energy	\$0.068658	\$0.014335	\$0.001276
Generation Capacity	\$0.045853	\$0.039823	\$0.019724
Fixed Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

Mid-Summer (June - August)	On-Peak	Shoulder-Peak	Off-Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-08-201B
 Effective: December 1, 2008
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**Pricing Plan R-08-201B
Residential Lifeline/Medical Life-Support Discount**

A UniSource Energy Company

Components Remaining Summer (May & September—October)	On-Peak	Shoulder-Peak	Off-Peak
Local Delivery Energy	\$0.030902	(\$0.009510)	(\$0.010648)
Generation Capacity	\$0.045853	\$0.039823	\$0.019724
Fixed Must Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charges

Remaining Summer (May & September—October)	On-Peak	Shoulder-Peak	Off Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Components Winter (November—April)	On-Peak	Off-Peak
Local Delivery Energy	\$0.011726	(\$0.017701)
Generation Capacity	\$0.033793	\$0.017714
Fixed Must Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-08-201B
 Effective: December 1, 2008
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Pricing Plan R-08-201B
Residential Lifeline/Medical Life Support Discount

A UniSource Energy Company

Power Supply Charge:

Table with 3 columns: Winter (November-April), On-Peak, Off-Peak. Row: Base Power Component, \$0.040698, \$0.020698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

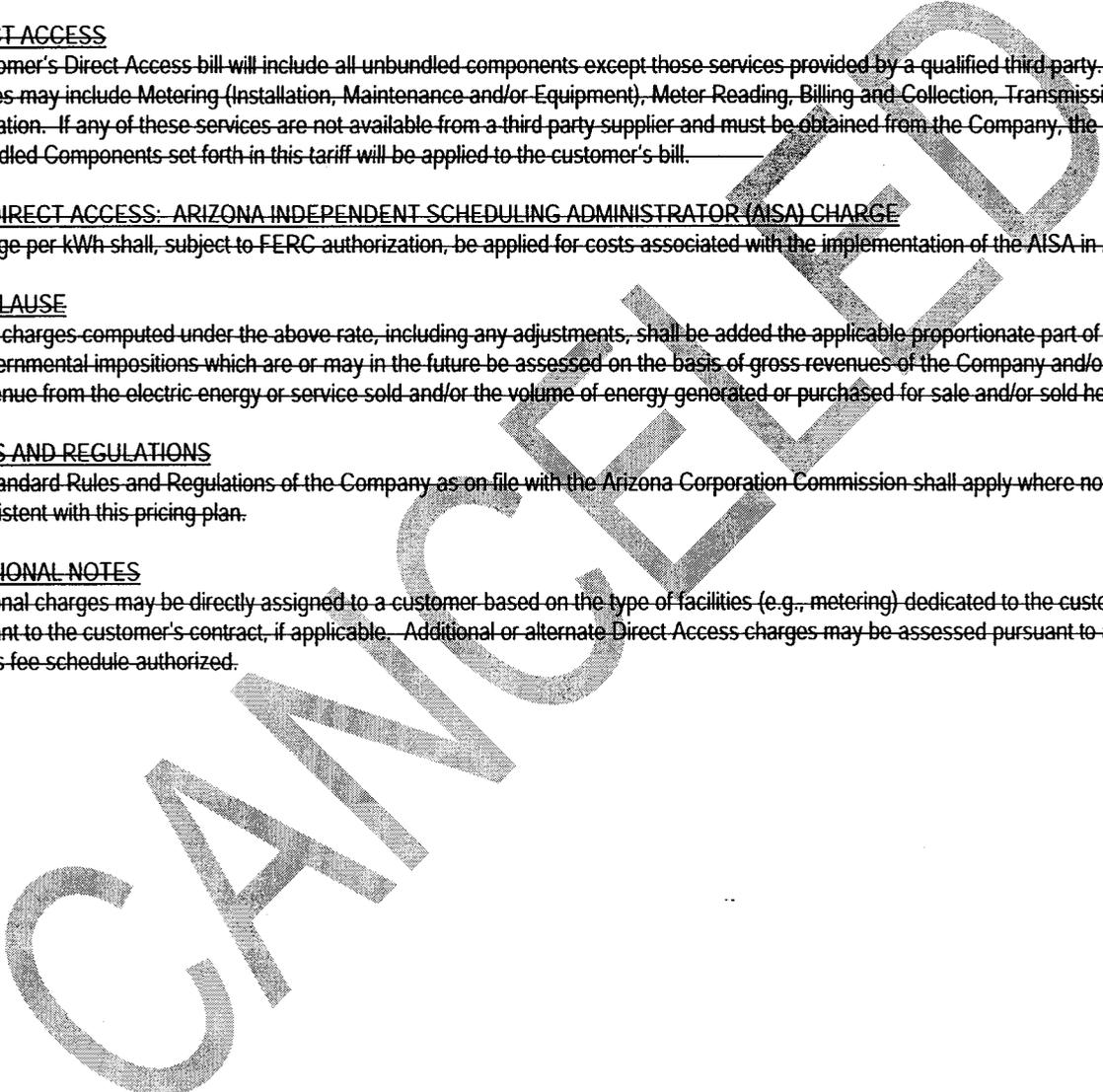
To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.



Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-08-201B
Effective: December 1, 2008
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**Pricing Plan R-08-201C
Residential Lifeline/Medical Life Support Discount**

A UniSource Energy Company

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To single phase (subject to availability at point of delivery) electric service in individual residences as described in current program details when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this pricing plan requires that the customer use exclusively the Company's service for all space heating and either (1) solar water heating equipment or (2) an electric heat pump water heater or (3) a photovoltaic system except as provided below and that the customer's home conform to the standards of the Heating, Cooling and Comfort Guarantee program as in effect at the time of subscription to this pricing plan. Not applicable to resale, breakdown, temporary, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Customers must stay on pricing plan R-06-201C for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period of this pricing plan, may opt to switch service to the non-time of use pricing plan of R-06-201A. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under pricing plan R-06-201C, that would not have been paid under pricing plan R-06-201A. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

ELIGIBILITY

1. Applicant must have a combined household income at or below 150% of the federal poverty level. See Income Guidelines Chart on TEP's website at www.tep.com or contact a TEP customer care representative.
2. The applicant must provide documentation to the company that the regular use of a medical life support device is essential to maintain the life of a full-time resident of the household; or a full-time resident of the household is a paraplegic, quadriplegic or hemiplegic, or a multiple sclerosis or scleroderma patient.
3. A Physician's Verification Form must be completed by the doctor documenting the patient's critical need for electrically powered appliances and describing the needed devices.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

~~BUNDLED STANDARD OFFER SERVICE SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES~~

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 6.78 per month

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges

All energy charges below are charged on a per kWh basis.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-08-201C
Effective: December 1, 2008
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**Pricing Plan R-08-201C
Residential Lifeline/Medical Life-Support Discount**

A UniSource Energy Company

Mid-Summer (June—August)	Delivery Services—Energy¹	Power Supply Charges² Base Power	- Total³.
On-Peak	\$0.128473	\$0.055698	\$0.184171
Shoulder Peak	\$0.068120	\$0.048198	\$0.116318
Off-Peak	\$0.034962	\$0.023198	\$0.058160

Remaining Summer (May & September— October)	Delivery Services—Energy¹	Power Supply Charges² Base Power	- Total³.
On-Peak	\$0.081509	\$0.055698	\$0.137207
Shoulder Peak	\$0.038460	\$0.048198	\$0.086658
Off-Peak	\$0.020130	\$0.023198	\$0.043328

Winter (November—April)	Delivery Services—Energy¹	Power Supply Charges² Base Power	- Total³.
On-Peak	\$0.053181	\$0.040698	\$0.093879
Off-Peak	\$0.0117930	\$0.020698	\$0.032491

1. Delivery Services—Energy is a bundled charge that includes: Local Delivery—Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must-Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge is the the base cost of purchased power, fuel, and purchased transmission per kWh sold.
3. The total calculated above is the total bundled kWh charge for this pricing plan.

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder rate in following billing months:

The Mid-summer and Remaining-summer On-Peak period: 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The Winter On-Peak periods: 7:00 a.m.—11:00 a.m. and 6:00 p.m.—9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-08-201C
Effective: December 1, 2008
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Pricing Plan R-08-201C
Residential Lifeline/Medical Life-Support Discount

A UniSource Energy Company

Monthly Discount: _____

For Bills with Usage of:	The Total Bill (before Taxes and Regulatory Assessments) Will Be Discounted by:
0 – 1000 kWh	35%
1001 – 2000 kWh	30%
Over 2000 kWh	10%

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

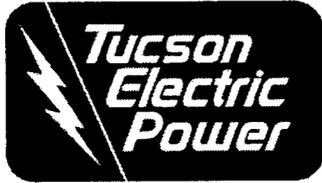
Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.18 per month
	\$6.78 per month

Energy Charge Components of Delivery Services (Unbundling)
 (NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.):

Components	Mid-Summer (June – August)	On-Peak	Shoulder Peak	Off-Peak
Local Delivery Energy		\$0.079051	\$0.023362	\$0.005747
Generation Capacity		\$0.035460	\$0.030796	\$0.015253
Fixed Must Run		\$0.003849	\$0.003849	\$0.003849
System Benefits		\$0.000468	\$0.000468	\$0.000468
Transmission		\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:				
System Control & Dispatch		\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control		\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response		\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service		\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service		\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.				

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-08-201C
 Effective: December 1, 2008
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**Pricing Plan R-08-201C
Residential Lifeline/Medical Life-Support Discount**

A UniSource Energy Company

Power Supply Charge:

Mid-Summer (June – August)	On-Peak	Shoulder-Peak	Off-Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198
Components Remaining Summer (May & September – October)	On-Peak	Shoulder-Peak	Off-Peak
Local Delivery Energy	\$0.032087	(\$0.006298)	(\$0.009085)
Generation Capacity	\$0.035460	\$0.030796	\$0.015253
Fixed Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

Remaining Summer (May & September – October)	On-Peak	Shoulder-Peak	Off-Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Components Winter (November – April)	On-Peak	Off-Peak
Local Delivery Energy	\$0.013086	(\$0.015868)
Generation Capacity	\$0.026133	\$0.013699
Fixed Must-Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-08-201C
 Effective: December 1, 2008
 Page No.: 5 of 5



Pricing Plan R-08-201C Residential Lifeline/Medical Life Support Discount

A UniSource Energy Company

Energy Imbalance Service: currently charged pursuant to the Company's OATT.

Power Supply Charge:

Winter (November - April)	On-Peak	Off-Peak
Base Power Component	\$0.040698	\$0.020698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

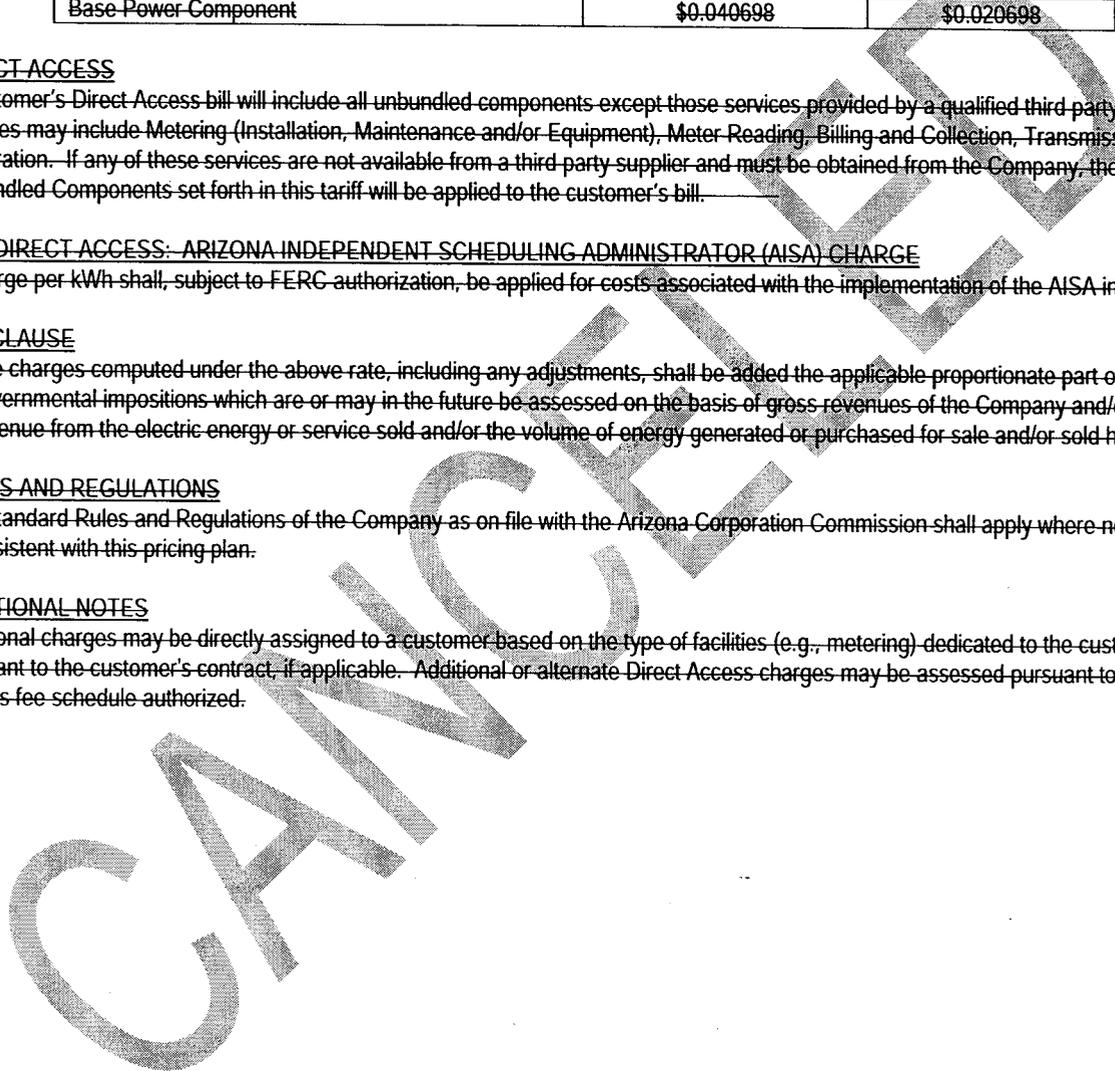
To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.



Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-08-201C
Effective: December 1, 2008
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**Pricing Plan R-21F (FROZEN)
Residential Time-of-Use**

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

Service must be single phase residential electric service in individual private dwellings and individually metered multi family units when all service is supplied at one point of delivery and energy is metered through one meter; however, controlled off peak electric water heating may be metered separately.

Not applicable to three phase service, resale, breakdown, temporary, standby, or auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

The total number of Customers served under this Time-of-Use pricing plan is limited to 5,000.

The waiting list for service under this Time-of-Use pricing plan was frozen as of March 31, 1996.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill _____ \$ 7.00 per month

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges.

All energy charges below are charged on a per kWh basis.

Summer (May—October)	Delivery Services Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
On-Peak	\$0.101271	\$0.053198	varies	\$0.154469
Off-Peak	\$0.021508	\$0.023198	varies	\$0.044706

Winter (November—April)	Delivery Services Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
On-Peak	\$0.073292	\$0.040698	varies	\$0.113990
Off-Peak	\$0.021508	\$0.020698	varies	\$0.042206

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-21F (FROZEN)
 Effective: December 1, 2008
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Pricing Plan R-21F (FROZEN) Residential Time-of-Use

A UniSource Energy Company

1. ~~Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.~~
2. ~~The Power Supply Charge shall be comprised of the Base Power Charge and the Purchased Power and Fuel Adjustment Clause ("PPFAC"), a per kWh adjustment in accordance with Rider 1 PPFAC. PPFAC reflects increases or decreases in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold. PPFAC may vary over time as the cost of energy changes relative to the Base Power component of Power Supply Charges.~~
3. ~~Total is calculated above for illustrative purposes, and excludes PPFAC, because PPFAC varies over time pursuant to Rider 1 PPFAC. While only non-variable components are included in the illustration above, a Customer's actual bill in any given billing month will reflect the applicable PPFAC for that billing month.~~

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder rate in following billing months.

The Summer On-Peak period is 10:00 a.m. to 10:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The Winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off Peak. If a holiday falls on Saturday, the preceding Friday is designated Off Peak; if a holiday falls on Sunday, the following Monday is designated Off Peak.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling)

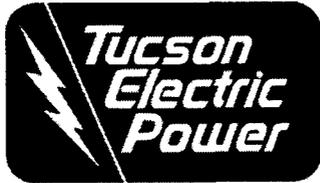
Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.20 per month
Customer Delivery	\$1.40 per month
	\$7.00 per month

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-21F (FROZEN)
Effective: December 1, 2008
Page No.: 3 of 4



**Pricing Plan R-21F (FROZEN)
Residential Time-of-Use**

A UniSource Energy Company

Components	Summer (May – October)	On-Peak	Off-Peak
Local Delivery Energy [†]		(\$0.006413)	(\$0.006413)
Generation Capacity		\$0.093722	\$0.013959
Fixed Must-Run		\$0.003849	\$0.003849
System Benefits		\$0.000468	\$0.000468
Transmission		\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch		\$0.000102	\$0.000102
Reactive Supply and Voltage Control		\$0.000402	\$0.000402
Regulation and Frequency Response		\$0.000389	\$0.000389
Spinning Reserve Service		\$0.001055	\$0.001055
Supplemental Reserve Service		\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

	Summer (May – October)	On-Peak	Off-Peak
Base Power Component		\$0.053198	\$0.023198

Components	Winter (November – April)	On-Peak	Off-Peak
Local Delivery Energy [†]		(\$0.006413)	(\$0.006413)
Generation Capacity		\$0.065743	\$0.013959
Fixed Must-Run		\$0.003849	\$0.003849
System Benefits		\$0.000468	\$0.000468
Transmission		\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch		\$0.000102	\$0.000102
Reactive Supply and Voltage Control		\$0.000402	\$0.000402
Regulation and Frequency Response		\$0.000389	\$0.000389
Spinning Reserve Service		\$0.001055	\$0.001055
Supplemental Reserve Service		\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

	Winter (November – April)	On-Peak	Off-Peak
Base Power Component		\$0.040698	\$0.020698

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-21F (FROZEN)
 Effective: December 1, 2008
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Pricing Plan R-21F (FROZEN)
Residential Time-of-Use

A UniSource Energy Company

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-21F (FROZEN)
Effective: December 1, 2008
Page No.: 3 of 4



**Pricing Plan R-70F (FROZEN)
Residential Time-of-Use**

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to new subscription. Existing customers on R-70F who move can remain on R-70F or choose from any available non-frozen pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

Service is available to individual private dwellings and individually metered multi-family units when all service is supplied at one point of delivery and energy is metered through one meter; however, controlled off-peak electric water heating may be metered separately.

Not applicable to three-phase service, resale, breakdown, temporary, standby, or auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

A Customer, at his/her discretion and after being served for a twelve (12) month period under Rate R-70F, may opt to switch service to the Company's non-time-of-use Residential Rate R-01. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under Rate R-70F that would not have been paid under Rate R-01. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 7.00 per month

Energy Charge Components are unbundled into Delivery Services-Energy and Power Supply Charges.

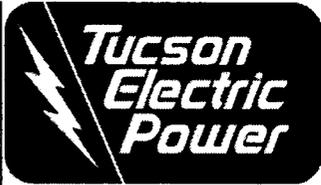
All energy charges below are charged on a per kWh basis.

Summer (May—October)	Delivery Services-Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
On Peak	\$0.174747	\$0.055698	varies	\$0.230445
Shoulder Peak	\$0.102823	\$0.048198	varies	\$0.151021
Off Peak	\$0.041176	\$0.023198	varies	\$0.064374

Winter (November—April)	Delivery Services-Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
On Peak	\$0.025762	\$0.040698	varies	\$0.066460
Off Peak	\$0.023098	\$0.020698	varies	\$0.043796

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-70F (FROZEN)
 Effective: December 1, 2008
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Pricing Plan R-70F (FROZEN) Residential Time-of-Use

A UniSource Energy Company

- 1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge shall be comprised of the Base Power Charge and the Purchased Power and Fuel Adjustment Clause ("PPFAC"), a per kWh adjustment in accordance with Rider 1 PPFAC. PPFAC reflects increases or decreases in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold. PPFAC may vary over time as the cost of energy changes relative to the Base Power component of Power Supply Charges.
3. Total is calculated above for illustrative purposes, and excludes PPFAC, because PPFAC varies over time pursuant to Rider 1 PPFAC. While only non-variable components are included in the illustration above, a Customer's actual bill in any given billing month will reflect the applicable PPFAC for that billing month.

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder rate in following billing months.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Table with 2 columns: Component Name and Price per month. Rows include Meter Services (\$1.51), Meter Reading (\$0.80), Billing & Collection (\$3.29), Customer Delivery (\$1.40), and another entry (\$7.00).

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70F (FROZEN)
Effective: December 1, 2008
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**Pricing Plan R-70F (FROZEN)
Residential Time-of-Use**

A UniSource Energy Company

Components	On-Peak	Shoulder-Peak	Off-Peak
Summer (May – October)			
Local Delivery Energy			
First 500 kWh	(\$0.004908)	(\$0.004908)	(\$0.004908)
Next 3,000 kWh	(\$0.004908)	(\$0.004908)	(\$0.004908)
Over 3,500 kWh	(\$0.004908)	(\$0.004908)	(\$0.004908)
Generation Capacity	\$0.165693	\$0.093769	\$0.032122
Fixed Must Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

Components	On-Peak	Shoulder-Peak	Off-Peak
Summer (May – October)			
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Energy Charge Components of Delivery Services (Unbundling)

Components	On-Peak	Off-Peak
Winter (November – April)		
Local Delivery Energy ¹		
First 500 kWh	(\$0.004908)	(\$0.004908)
Next 3,000 kWh	(\$0.004908)	(\$0.004908)
Over 3,500 kWh	(\$0.004908)	(\$0.004908)

Components	On-Peak	Off-Peak
Winter (November – April)		
Generation Capacity	\$0.016708	\$0.014044
Fixed Must Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
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Tariff No.: R-70F (FROZEN)
 Effective: December 1, 2008
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**Pricing Plan R-70F (FROZEN)
Residential Time-of-Use**

A UniSource Energy Company

Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Power Supply Charge:

	Winter (November—April)	
	On Peak	Off Peak
Base Power Component	\$0.040698	\$0.020698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70F (FROZEN)
Effective: December 1, 2008
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**Pricing Plan R-70N-B
Residential "PowerShift™" Time-of-Use Program
Weekend Includes Shoulder**

A UniSource Energy Company

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

Service is available to individual private dwellings and individually metered multi-family units when all service is supplied at one point of delivery and energy is metered through one meter; however, controlled off-peak electric water heating may be metered separately.

Not applicable to three-phase service, resale, breakdown, temporary, standby, or auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Customers must stay on pricing plan R-70N-B for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period of this pricing plan, may opt to switch service to the non-time-of-use pricing plan of R-01.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 8.00 per month

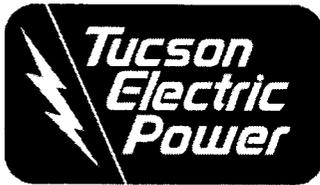
Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges
All energy charges below are charged on a per kWh basis.

Summer On-Peak (May - October)	Delivery Services Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.079947	\$0.055440	varies	\$0.135387
Next 3,000 kWh	\$0.096571	\$0.055440	varies	\$0.152011
3,501 kWh and above	\$0.116571	\$0.055440	varies	\$0.172011

Summer Shoulder Peak (May - October)	Delivery Services Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.050121	\$0.034876	varies	\$0.084997
Next 3,000 kWh	\$0.070121	\$0.034876	varies	\$0.104997
3,501 kWh and above	\$0.090121	\$0.034876	varies	\$0.124997

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70N-B
Effective: December 1, 2008
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**Pricing Plan R-70N-B
Residential "PowerShift™" Time-of-Use Program
Weekend Includes Shoulder**

A UniSource Energy Company

Summer Off-Peak (May—October)	Delivery Services—Energy ¹	Power Supply Charges ²		- Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.041217	\$0.019865	<i>varies</i>	\$0.061082
Next 3,000 kWh	\$0.057841	\$0.019865	<i>varies</i>	\$0.077706
3,501 kWh and above	\$0.077841	\$0.019865	<i>varies</i>	\$0.097706

Winter On-Peak (November—April)	Delivery Services—Energy ¹	Power Supply Charges ²		- Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.067066	\$0.042874	<i>varies</i>	\$0.109940
Next 3,000 kWh	\$0.085478	\$0.042874	<i>varies</i>	\$0.128352
3,501 kWh and above	\$0.105478	\$0.042874	<i>varies</i>	\$0.148352

Winter Off-Peak (November—April)	Delivery Services—Energy ¹	Power Supply Charges ²		- Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.037066	\$0.025086	<i>varies</i>	\$0.062152
Next 3,000 kWh	\$0.055478	\$0.025086	<i>varies</i>	\$0.080564
3,501 kWh and above	\$0.075478	\$0.025086	<i>varies</i>	\$0.100564

1. Delivery Services—Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must-Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge shall be comprised of the Base Power Charge and the Purchased Power and Fuel Adjustment Clause ("PPFAC"), a per kWh adjustment in accordance with Rider 1 PPFAC. PPFAC reflects increases or decreases in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold. PPFAC may vary over time as the cost of energy changes relative to the Base Power component of Power Supply Charges.
3. Total is calculated above for illustrative purposes, and excludes PPFAC, because PPFAC varies over time pursuant to Rider 1 PPFAC. While only non-variable components are included in the illustration above, a Customer's actual bill in any given billing month will reflect the applicable PPFAC for that billing month.

Summer TOU periods:

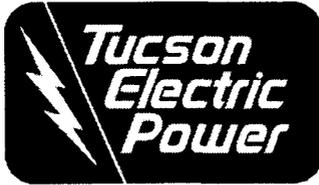
Weekdays except Memorial Day, Independence Day (July 4), and Labor Day. If Independence Day falls on Saturday, the Weekend schedule applies on the preceding Friday, July 3. If Independence Day falls on Sunday, the Weekend schedule applies on the following Monday, July 5.

- On Peak: 2:00 p.m. to 6:00 p.m.
- Shoulder Peak: 12:00 p.m. (noon) to 2:00 p.m. and 6:00 p.m. to 8:00 p.m.
- Off Peak: 12:00 a.m. (midnight) to 12 p.m. (noon) and 8:00 p.m. to 12:00 a.m. (midnight)

Weekends (Saturday and Sunday), Memorial Day, Independence Day (or July 3 or July 5, under above conditions), and Labor Day.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70N-B
Effective: December 1, 2008
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**Pricing Plan R-70N-B
Residential "PowerShift™" Time-of-Use Program
Weekend Includes Shoulder**

A UniSource Energy Company

- On Peak: _____ *(There are no On-Peak weekend hours).*
- Shoulder Peak: _____ 2:00 p.m. to 8:00 p.m. _____
- Off Peak: _____ 12:00 a.m. (midnight) to 2 p.m. and 8:00 p.m. to 12:00 a.m. (midnight)

Winter TOU periods:

Weekdays except Thanksgiving Day, Christmas Day, and New Years Day. If Christmas Day and New Years Day fall on Saturdays, the Weekend schedule applies on the preceding Fridays, December 24 and December 31. If Christmas Day and New Years Day fall on Sundays, the Weekend schedule applies on the following Mondays, December 26 and January 2.

- On Peak: _____ 6:00 a.m. to 10:00 a.m. and 5:00 p.m. to 9:00 p.m. _____
- Shoulder Peak: _____ *(There are no Shoulder Peak periods in the winter)*
- Off Peak: _____ 12:00 a.m. (midnight) to 6:00 a.m., 10:00 a.m. to 5:00 p.m., and 9:00 p.m. to 12:00 a.m. (midnight)

Weekends (Saturday and Sunday), Thanksgiving Day, Christmas Day (or December 24 or December 26, under above conditions), and New Years Day (or December 31 or January 2, under above conditions).

- On Peak: _____ 5:00 p.m. to 9:00 p.m. _____
- Shoulder Peak: _____ *(There are no Shoulder Peak periods in the winter)*
- Off Peak: _____ 12:00 a.m. (midnight) to 5:00 p.m., and 9:00 p.m. to 12:00 a.m. (midnight)

Calculation of Tiered (Block) Usage by TOU Period:

- _____ Step 1: Calculate percent usage by TOU period.
 - _____ Step 2: Calculate the kWh usage by tier (block).
 - _____ Step 3: Multiply percent usage by TOU period by kWh usage by tier to obtain tiered usage by TOU period.
- Example: A customer using 2,000 kWh in a month, with 20% peak usage, 25% shoulder usage, and 55% off-peak usage will have 100 kWh in peak 1st tier, 300 kWh in peak 2nd tier, 125 kWh in shoulder 1st tier, 375 kWh in shoulder 2nd tier, 275 kWh in off peak 1st tier, and 825 kWh in off-peak 2nd tier.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling)

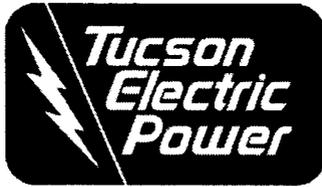
_____ Meter Services	\$1.51 per month
_____ Meter Reading	\$0.80 per month
_____ Billing & Collection	\$3.29 per month
_____ Customer Delivery	\$2.40 per month
_____ _____	\$8.00 per month

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70N-B
Effective: December 1, 2008
Page No.: 5 of 5



**Pricing Plan R-70N-B
Residential "PowerShift™" Time-of-Use Program
Weekend Includes Shoulder**

A UniSource Energy Company

Components Summer (May—October)	On-Peak	Shoulder-Peak	Off-Peak
Local-Delivery-Energy			
First 500 kWh	\$0.010526	(\$0.000900)	(\$0.001396)
Next 3,000 kWh	\$0.027150	\$0.019100	\$0.015228
Over 3,500 kWh	\$0.047150	\$0.039100	\$0.035228
Generation Capacity	\$0.055459	\$0.037059	\$0.028651
Fixed Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

Summer (May—October)	On-Peak	Shoulder-Peak	Off-Peak
Base Power Component	\$0.055440	\$0.034876	\$0.019865

Components Winter (November—April)	On-Peak	Off-Peak
Local-Delivery-Energy		
First 500 kWh	\$0.009623	(\$0.003317)
Next 3,000 kWh	\$0.028035	\$0.015095
Over 3,500 kWh	\$0.048035	\$0.035095
Generation Capacity	\$0.043481	\$0.026421
Fixed Must-Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70N-B
Effective: December 1, 2008
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**Pricing Plan R-70N-B
Residential "PowerShift™" Time-of-Use Program
Weekend Includes Shoulder**

A UniSource Energy Company

Components Winter (November–April)	On Peak	Off Peak
Transmission	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Power Supply Charge:

Winter (November–April)	On Peak	Off Peak
Base Power Component	\$0.012874	\$0.025086

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70N-B
Effective: December 1, 2008
Page No.: 5 of 5



**Pricing Plan R-70N-C
Residential "PowerShift™" Time-of-Use Program
Weekend Includes Peak**

A UniSource Energy Company

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

Service is available to individual private dwellings and individually metered multi-family units when all service is supplied at one point of delivery and energy is metered through one meter; however, controlled off-peak electric water heating may be metered separately.

Not applicable to three phase service, resale, breakdown, temporary, standby, or auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Customers must stay on pricing plan R-70N-C for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period of this pricing plan, may opt to switch service to the non-time-of-use pricing plan of R-01.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 8.00 per month

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges.

All energy charges below are charged on a per kWh basis.

Summer On-Peak (May - October)	Delivery Services Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.077356	\$0.054330	varies	\$0.131686
Next 3,000 kWh	\$0.096354	\$0.054330	varies	\$0.150684
3,501 kWh and above	\$0.116354	\$0.054330	varies	\$0.170684

Summer Shoulder Peak (May - October)	Delivery Services Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.049507	\$0.034177	varies	\$0.083684
Next 3,000 kWh	\$0.069507	\$0.034177	varies	\$0.103684
3,501 kWh and above	\$0.089507	\$0.034177	varies	\$0.123684

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70N-C
Effective: December 1, 2008
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**Pricing Plan R-70N-G
Residential "PowerShift™" Time-of-Use Program
Weekend Includes Peak**

A UniSource Energy Company

Summer Off-Peak (May—October)	Delivery Services—Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.038229	\$0.019467	varies	\$0.057696
Next 3,000 kWh	\$0.057227	\$0.019467	varies	\$0.076694
3,501 kWh and above	\$0.077227	\$0.019467	varies	\$0.096694

Winter On-Peak (November—April)	Delivery Services—Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.066452	\$0.042015	varies	\$0.108467
Next 3,000 kWh	\$0.084864	\$0.042015	varies	\$0.126879
3,501 kWh and above	\$0.104864	\$0.042015	varies	\$0.146879

Winter Off-Peak (November—April)	Delivery Services—Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.036452	\$0.024584	varies	\$0.061036
Next 3,000 kWh	\$0.054864	\$0.024584	varies	\$0.079448
3,501 kWh and above	\$0.074864	\$0.024584	varies	\$0.099448

1. Delivery Services—Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must-Run, System Benefits, Transmission and Ancillary Services.

2. The Power Supply Charge shall be comprised of the Base Power Charge and the Purchased Power and Fuel Adjustment Clause ("PPFAC"), a per kWh adjustment in accordance with Rider 1 PPFAC. PPFAC reflects increases or decreases in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold. PPFAC may vary over time as the cost of energy changes relative to the Base Power component of Power Supply Charges.

3. Total is calculated above for illustrative purposes, and excludes PPFAC, because PPFAC varies over time pursuant to Rider 1 PPFAC. While only non-variable components are included in the illustration above, a Customer's actual bill in any given billing month will reflect the applicable PPFAC for that billing month.

Summer TOU periods:

Weekdays except Memorial Day, Independence Day (July 4), and Labor Day. If Independence Day falls on Saturday, the Weekend schedule applies on the preceding Friday, July 3. If Independence Day falls on Sunday, the Weekend schedule applies on the following Monday, July 5.

On Peak: 2:00 p.m. to 6:00 p.m.

Shoulder Peak: 12:00 p.m. (noon) to 2:00 p.m. and 6:00 p.m. to 8:00 p.m.

Off Peak: 12:00 a.m. (midnight) to 12 p.m. (noon) and 8:00 p.m. to 12:00 a.m. (midnight)

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70N-G
Effective: December 1, 2008
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**Pricing Plan R-70N-C
Residential "PowerShift™" Time-of-Use Program
Weekend Includes Peak**

A UniSource Energy Company

Weekends (Saturday and Sunday), Memorial Day, Independence Day (or July 3 or July 5, under above conditions), and Labor Day.

On Peak: 2:00 p.m. to 6:00 p.m.
Shoulder Peak: (There are no Shoulder peak weekend hours)
Off Peak: 12:00 a.m. (midnight) to 2 p.m. and 6:00 p.m. to 12:00 a.m. (midnight)

Winter TOU periods:

Weekdays except Thanksgiving Day, Christmas Day, and New Years Day. If Christmas Day and New Years Day fall on Saturdays, the Weekend schedule applies on the preceding Fridays, December 24 and December 31. If Christmas Day and New Years Day fall on Sundays, the Weekend schedule applies on the following Mondays, December 26 and January 2.

On Peak: 6:00 a.m. to 10:00 a.m. and 5:00 p.m. to 9:00 p.m.
Shoulder Peak: (There are no Shoulder Peak periods in the winter)
Off Peak: 12:00 a.m. (midnight) to 6:00 a.m., 10:00 a.m. to 5:00 p.m., and 9:00 p.m. to 12:00 a.m. (midnight)

Weekends (Saturday and Sunday), Thanksgiving Day, Christmas Day (or December 24 or December 26, under above conditions), and New Years Day (or December 31 or January 2, under above conditions).

On Peak: 5:00 p.m. to 9:00 p.m.
Shoulder Peak: (There are no Shoulder Peak periods in the winter)
Off Peak: 12:00 a.m. (midnight) to 5:00 p.m., and 9:00 p.m. to 12:00 a.m. (midnight)

- _____ Calculation of Tiered (Block) Usage by TOU Period:
 - _____ Step 1: Calculate percent usage by TOU period.
 - _____ Step 2: Calculate the kWh usage by tier (block).
 - _____ Step 3: Multiply percent usage by TOU period by kWh usage by tier to obtain tiered usage by TOU period.
- Example: A customer using 2,000 kWh in a month, with 20% peak usage, 25% shoulder usage, and 55% off-peak usage will have 100 kWh in peak 1st tier, 300 kWh in peak 2nd tier, 125 kWh in shoulder 1st tier, 375 kWh in shoulder 2nd tier, 275 kWh in off-peak 1st tier, and 825 kWh in off-peak 2nd tier.

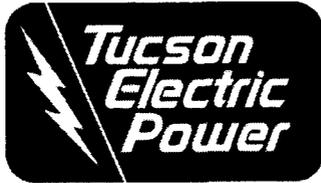
BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

_____ Meter Services	\$1.51 per month
_____ Meter Reading	\$0.80 per month
_____ Billing & Collection	\$3.29 per month
_____ Customer Delivery	\$2.40 per month
_____	\$8.00 per month

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70N-C
Effective: December 1, 2008
Page No.: 4 of 5



**Pricing Plan R-70N-G
Residential "PowerShift™" Time-of-Use Program
Weekend Includes Peak**

A UniSource Energy Company

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Components Summer (May - October)	On-Peak	Shoulder-Peak	Off-Peak
Local Delivery Energy			
First 500 kWh	\$0.009938	(\$0.001547)	(\$0.001917)
Next 3,000 kWh	\$0.028936	\$0.018453	\$0.017081
Over 3,500 kWh	\$0.048936	\$0.038453	\$0.037081
Generation Capacity	\$0.053456	\$0.037092	\$0.026184
Fixed Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

Summer (May - October)	On-Peak	Shoulder-Peak	Off-Peak
Base Power Component	\$0.054330	\$0.034177	\$0.019467

Components Winter (November - April)	On-Peak	Off-Peak
Local Delivery Energy		
First 500 kWh	\$0.008866	(\$0.003779)
Next 3,000 kWh	\$0.027278	\$0.014633
Over 3,500 kWh	\$0.047278	\$0.034633
Generation Capacity	\$0.043624	\$0.026269
Fixed Must-Run	\$0.003849	\$0.003849

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70N-G
Effective: December 1, 2008
Page No.: 4 of 5



**Pricing Plan R-70N-C
Residential "PowerShift™" Time-of-Use Program
Weekend Includes Peak**

A UniSource Energy Company

Components	Winter (November – April)	On-Peak	Off-Peak
System Benefits		\$0.000468	\$0.000468
Transmission		\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch		\$0.000102	\$0.000102
Reactive Supply and Voltage Control		\$0.000402	\$0.000402
Regulation and Frequency Response		\$0.000389	\$0.000389
Spinning Reserve Service		\$0.001055	\$0.001055
Supplemental Reserve Service		\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

	Winter (November – April)	On-Peak	Off-Peak
Base Power Component		\$0.042015	\$0.024584

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70N-C
Effective: December 1, 2008
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**Pricing Plan R-70N-D
Residential "PowerShift™" Time-of-Use Program
Weekend Entirely Off-Peak**

A UniSource Energy Company

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

Service is available to individual private dwellings and individually metered multi-family units when all service is supplied at one point of delivery and energy is metered through one meter; however, controlled off-peak electric water heating may be metered separately.

Not applicable to three phase service, resale, breakdown, temporary, standby, or auxiliary service, or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Customers must stay on pricing plan R-70N-D for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period of this pricing plan, may opt to switch service to the non-time of use pricing plan of R-01.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 8.00 per month

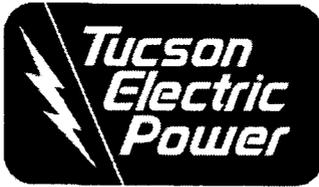
Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges. All energy charges below are charged on a per kWh basis.

Summer On-Peak (May - October)	Delivery Services Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.091873	\$0.058271	varies	\$0.150144
Next 3,000 kWh	\$0.107334	\$0.058271	varies	\$0.165605
3,501 kWh and above	\$0.127334	\$0.058271	varies	\$0.185605

Summer Shoulder Peak (May - October)	Delivery Services Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.049814	\$0.036656	varies	\$0.086470
Next 3,000 kWh	\$0.069814	\$0.036656	varies	\$0.106470
3,501 kWh and above	\$0.089814	\$0.036656	varies	\$0.126470

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70N-D
Effective: December 1, 2008
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**Pricing Plan R-70N-D
Residential "PowerShift™" Time-of-Use Program
Weekend Entirely Off-Peak**

A UniSource Energy Company

Summer Off-Peak (May—October)	Delivery Services Energy ¹	Power Supply Charges ²		- Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.042073	\$0.020880	varies	\$0.062953
Next 3,000 kWh	\$0.057534	\$0.020880	varies	\$0.078414
3,501 kWh and above	\$0.077534	\$0.020880	varies	\$0.098414

Winter On-Peak (November—April)	Delivery Services Energy ¹	Power Supply Charges ²		- Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.068737	\$0.045063	varies	\$0.113800
Next 3,000 kWh	\$0.085171	\$0.045063	varies	\$0.130234
3,501 kWh and above	\$0.105171	\$0.045063	varies	\$0.150234

Winter Off-Peak (November—April)	Delivery Services Energy ¹	Power Supply Charges ²		- Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.038737	\$0.026368	varies	\$0.065105
Next 3,000 kWh	\$0.055171	\$0.026368	varies	\$0.081539
3,501 kWh and above	\$0.075171	\$0.026368	varies	\$0.101539

1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge shall be comprised of the Base Power Charge and the Purchased Power and Fuel Adjustment Clause ("PPFAC"), a per kWh adjustment in accordance with Rider 1 PPFAC. PPFAC reflects increases or decreases in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold. PPFAC may vary over time as the cost of energy changes relative to the Base Power component of Power Supply Charges.
3. Total is calculated above for illustrative purposes, and excludes PPFAC, because PPFAC varies over time pursuant to Rider 1 PPFAC. While only non-variable components are included in the illustration above, a Customer's actual bill in any given billing month will reflect the applicable PPFAC for that billing month.

Summer TOU periods:

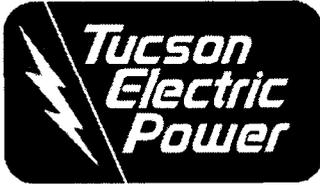
Weekdays except Memorial Day, Independence Day (July 4), and Labor Day. If Independence Day falls on Saturday, the Weekend schedule applies on the preceding Friday, July 3. If Independence Day falls on Sunday, the Weekend schedule applies on the following Monday, July 5.

- On Peak: 2:00 p.m. to 6:00 p.m.
- Shoulder Peak: 12:00 p.m. (noon) to 2:00 p.m. and 6:00 p.m. to 8:00 p.m.
- Off Peak: 12:00 a.m. (midnight) to 12 p.m. (noon) and 8:00 p.m. to 12:00 a.m. (midnight)

Weekends (Saturday and Sunday), Memorial Day, Independence Day (or July 3 or July 5, under above conditions), and Labor Day.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70N-D
Effective: December 1, 2008
Page No.: 5 of 5



**Pricing Plan R-70N-D
Residential "PowerShift™" Time-of-Use Program
Weekend Entirely Off-Peak**

A UniSource Energy Company

- _____ On Peak: _____ *(There are no On-Peak weekend hours)*
- _____ Shoulder Peak: _____ *(There are no Shoulder-Peak weekend hours)*
- _____ Off Peak: _____ All hours.

Winter TOU periods:

Weekdays except Thanksgiving Day, Christmas Day, and New Years Day. If Christmas Day and New Years Day fall on Saturdays, the Weekend schedule applies on the preceding Fridays, December 24 and December 31. If Christmas Day and New Years Day fall on Sundays, the Weekend schedule applies on the following Mondays, December 26 and January 2.

- _____ On Peak: _____ 6:00 a.m. to 10:00 a.m. and 5:00 p.m. to 9:00 p.m.
- _____ Shoulder Peak: _____ no shoulder peak periods in the winter.
- _____ Off Peak: _____ 12:00 a.m. (midnight) to 6:00 a.m., 10:00 a.m. to 5:00 p.m., and 9:00 p.m. to 12:00 a.m. (midnight)

Weekends (Saturday and Sunday), Thanksgiving Day, Christmas Day (or December 24 or December 26, under above conditions), and New Years Day (or December 31 or January 2, under above conditions).

- _____ On Peak: _____ *(There are no On-Peak weekend hours)*
- _____ Shoulder Peak: _____ *(There are no Shoulder-Peak weekend hours)*
- _____ Off Peak: _____ All hours.

Calculation of Tiered (Block) Usage by TOU Period:

- _____ Step 1: Calculate percent usage by TOU period.
- _____ Step 2: Calculate the kWh usage by tier (block).
- _____ Step 3: Multiply percent usage by TOU period by kWh usage by tier to obtain tiered usage by TOU period.
- _____ Example: A customer using 2,000 kWh in a month, with 20% peak usage, 25% shoulder usage, and 55% off peak usage will have 100 kWh in peak 1st tier, 300 kWh in peak 2nd tier, 125 kWh in shoulder 1st tier, 375 kWh in shoulder 2nd tier, 275 kWh in off peak 1st tier, and 825 kWh in off peak 2nd tier.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling)

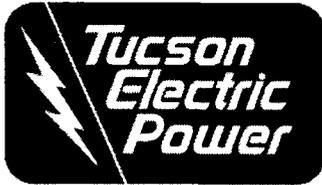
_____ Meter Services	\$1.51 per month
_____ Meter Reading	\$0.80 per month
_____ Billing & Collection	\$3.29 per month
_____ Customer Delivery	\$2.40 per month
_____ _____	\$8.00 per month

Energy Charge Components of Delivery Services (Unbundling) (\$/kWh):

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70N-D
Effective: December 1, 2008
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**Pricing Plan R-70N-D
Residential "PowerShift™" Time-of-Use Program
Weekend Entirely Off-Peak**

A UniSource Energy Company

Components Summer (May—October)	On-Peak	Shoulder-Peak	Off-Peak
Local-Delivery Energy			
First 500 kWh	\$0.022190	(\$0.000534)	(\$0.001075)
Next 3,000 kWh	\$0.037651	\$0.019466	\$0.014386
Over 3,500 kWh	\$0.057651	\$0.039466	\$0.034386
Generation Capacity	\$0.055721	\$0.036386	\$0.029186
Fixed-Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge

Components Summer (May—October)	On-Peak	Shoulder-Peak	Off-Peak
Base Power Component	\$0.058271	\$0.036656	\$0.020880

Components Winter (November—April)	On-Peak	Off-Peak
Local-Delivery Energy		
First 500 kWh	\$0.010124	(\$0.002989)
Next 3,000 kWh	\$0.026558	\$0.013445
Over 3,500 kWh	\$0.046558	\$0.033445
Generation Capacity	\$0.044651	\$0.027764
Fixed-Must-Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-70N-D
 Effective: December 1, 2008
 Page No.: 5 of 5



**Pricing Plan R-70N-D
Residential "PowerShift™" Time-of-Use Program
Weekend Entirely Off-Peak**

A UniSource Energy Company

Components Winter (November–April)	On-Peak	Off-Peak
Transmission	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Power Supply Charge:

Winter (November–April)	On-Peak	Off-Peak
Base Power Component	\$0.045063	\$0.026368

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

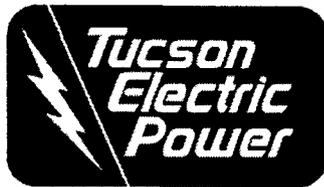
The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-70N-D
Effective: December 1, 2008
Page No.: 5 of 5



Pricing Plan R-201AF (FROZEN) Special Residential Electric Service

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to new subscription. Existing customers on R-201AF who move can remain on R-201AF when the customer continues to choose Special Residential Electric Service or choose from any available non-frozen pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

To single-phase or three-phase (Option A only) (subject to availability at point of delivery) electric service in individual residences as described in current program details when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this pricing plan requires that the customer use exclusively the Company's service for all space heating and all water heating energy requirements except as provided below and that the customer's home conform to the standards of the Heating, Cooling and Comfort Guarantee program as in effect at the time of subscription to this pricing plan. Notwithstanding the above, the customer's use of solar energy for any purpose shall not preclude subscription to this pricing plan.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

CHARACTER OF SERVICE

Single or three-phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill	\$ 7.00 per month
Customer Charge, Three Phase service and minimum bill	\$13.00 per month

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges. All energy charges below are on a per kWh basis.

	Delivery Services Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
Mid-summer (June - August)	\$0.066139	\$0.033198	<i>varies</i>	\$0.099337
Remaining-summer (May, & September - October)	\$0.044138	\$0.033198	<i>varies</i>	\$0.077336
Winter (November - April)	\$0.033803	\$0.025698	<i>varies</i>	\$0.059501

1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must-Run, System Benefits, Transmission and Ancillary Services.

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-201AF (FROZEN)
 Effective: December 1, 2008
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**Pricing Plan R-201AF (FROZEN)
Special Residential Electric Service**

A UniSource Energy Company

2. The Power Supply Charge shall be comprised of the Base Power Charge and the Purchased Power and Fuel Adjustment Clause ("PPFAC"), a per kWh adjustment in accordance with Rider 1 PPFAC. PPFAC reflects increases or decreases in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold. PPFAC may vary over time as the cost of energy changes relative to the Base Power component of Power Supply Charges.

3. Total is calculated above for illustrative purposes, and excludes PPFAC, because PPFAC varies over time pursuant to Rider 1 PPFAC. While only non-variable components are included in the illustration above, a Customer's actual bill in any given billing month will reflect the applicable PPFAC for that billing month.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling)	
Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.40 per month
	\$7.00 per month

Note: Additional meter service charge of \$6.00 per month for Three Phase Service. Therefore, the Meter Services charge for Three Phase is \$7.51 per month, and the corresponding bundled Customer Charge is \$13.00 per month.

Energy Charge Components of Delivery Services (Unbundling)

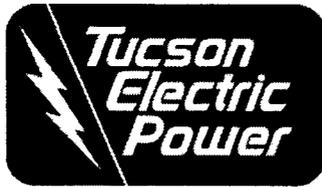
-(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)-

Components	Mid-Summer (June—August)	Remaining Summer (May, September—October)	Winter (November—April)
Local Delivery Energy	\$0.017524	(\$0.004477)	(\$0.007286)
Generation Capacity	\$0.034653	\$0.034653	\$0.027127
Fixed Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525

Component	Mid-Summer (June—August)	Remaining Summer (May, September— October)	Winter (November—April)
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage	\$0.000402	\$0.000402	\$0.000402

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-201AF (FROZEN)
 Effective: December 1, 2008
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**Pricing Plan R-201AF (FROZEN)
Special Residential Electric Service**

A UniSource Energy Company

Control			
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

	Mid-Summer (June—August)	Remaining Summer (May, September— October)	Winter (November—April)
Base Power Component	\$0.033198	\$0.033198	\$0.025698

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-201AF (FROZEN)
Effective: December 1, 2008
Page No.: 2 of 3



Pricing Plan R-201BF (FROZEN) Special Residential Electric Service

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to new subscription. Existing customers on R-201BF who move can remain on R-201BF when the customer continues to choose Special Residential Electric Service or choose from any available non-frozen pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

To single phase (subject to availability at point of delivery) electric service in individual residences as described in current program details when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this pricing plan requires that the customer use exclusively the Company's service for all space heating and all water heating energy requirements except as provided below and that the customer's home conform to the standards of the Heating, Cooling and Comfort Guarantee program as in effect at the time of subscription to this pricing plan. Notwithstanding the above, the customer's use of solar energy for any purpose shall not preclude subscription to this pricing plan.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Customers must stay on pricing plan R-201BF for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period of this pricing plan, may opt to switch service to the non time-of-use R-201AN pricing plan. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under pricing plan R-201BF, that would not have been paid under pricing plan R-201AN. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 7.00 per month

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges.

All energy charges below are on a per kWh basis.

Mid-Summer (June - August)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
On-Peak	\$0.166303	\$0.055698	varies	\$0.222001
Shoulder Peak	\$0.093043	\$0.048198	varies	\$0.141241
Off-Peak	\$0.031395	\$0.023198	varies	\$0.054593

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-201BF (FROZEN)
Effective: December 1, 2008
Page No.: Page 4 of 5



**Pricing Plan R-201BF (FROZEN)
Special Residential Electric Service**

A UniSource Energy Company

Remaining Summer (May & September— October)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
On-Peak	\$0.124945	\$0.055698	varies	\$0.180643
Shoulder Peak	\$0.067767	\$0.048198	varies	\$0.115965
Off-Peak	\$0.018756	\$0.023198	varies	\$0.041954

Winter (November—April)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
On-Peak	\$0.075935	\$0.040698	varies	\$0.116633
Off-Peak	\$0.006499	\$0.020698	varies	\$0.027197

1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must-Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge shall be comprised of the Base Power Charge and the Purchased Power and Fuel Adjustment Clause ("PPFAC"), a per kWh adjustment in accordance with Rider 1 PPFAC. PPFAC reflects increases or decreases in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold. PPFAC may vary over time as the cost of energy changes relative to the Base Power component of Power Supply Charges.
3. Total is calculated above for illustrative purposes, and excludes PPFAC, because PPFAC varies over time pursuant to Rider 1 PPFAC. While only non-variable components are included in the illustration above, a Customer's actual bill in any given billing month will reflect the applicable PPFAC for that billing month.

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the shoulder summer shoulder price in following billing months.

The Summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The Winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-201BF (FROZEN)
Effective: December 1, 2008
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**Pricing Plan R-201BF (FROZEN)
Special Residential Electric Service**

A UniSource Energy Company

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling):

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.40 per month
	\$7.00 per month

Energy Charge Components of Delivery Services (Unbundling):

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall not be less than zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result in the customer being paid (rather than paying) for TEP services.)

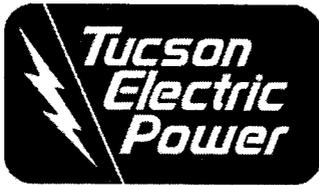
Components	On Peak	Shoulder Peak	Off Peak
Mid-Summer (June - August)			
Local Delivery Energy	\$0.106488	\$0.039258	(\$0.002291)
Generation Capacity	\$0.045853	\$0.039823	\$0.019724
Fixed Must Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge:

Mid-Summer (June - August)	On Peak	Shoulder Peak	Off Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-201BF (FROZEN)
 Effective: December 1, 2008
 Page No.: Page 4 of 5



**Pricing Plan R-201BF (FROZEN)
Special Residential Electric Service**

A UniSource Energy Company

Components Remaining Summer (May & September – October)	On-Peak	Shoulder-Peak	Off-Peak
Local Delivery Energy	\$0.065130	\$0.013982	(\$0.014930)
Generation Capacity	\$0.045853	\$0.039823	\$0.019724
Fixed Must-Run	\$0.003849	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge

Remaining Summer (May & September – October)	On-Peak	Shoulder-Peak	Off-Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Components Winter (November – April)	On-Peak	Off-Peak
Local Delivery Energy	\$0.028180	(\$0.025177)
Generation Capacity	\$0.033793	\$0.017714
Fixed Must-Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:		
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Power Supply Charge:

Winter (November – April)	On-Peak	Off-Peak
Base Power Component	\$0.040698	\$0.020698

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-201BF (FROZEN)
 Effective: December 1, 2008
 Page No.: Page 4 of 5



**Pricing Plan R-201BF (FROZEN)
Special Residential Electric Service**

A UniSource Energy Company

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

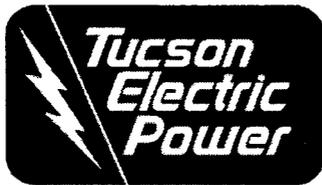
ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-201BF (FROZEN)
Effective: December 1, 2008
Page No.: Page 4 of 5



Pricing Plan R-201CF (FROZEN) Special Residential Electric Service

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to new subscription. Existing customers on R-201CF who move can remain on R-201CF when the customer continues to choose Special Residential Electric Service or choose from any available non-frozen pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

To single phase (subject to availability at point of delivery) electric service in individual residences as described in current program details when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this pricing plan requires that the customer use exclusively the Company's service for all space heating and either (1) solar water heating equipment or (2) an electric heat pump water heater or (3) a photovoltaic system except as provided below and that the customer's home conform to the standards of the Heating, Cooling and Comfort Guarantee program as in effect at the time of subscription to this pricing plan. Not applicable to resale, breakdown, temporary, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Customers must stay on pricing plan R-201CF for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period of this pricing plan, may opt to switch service to the non-time of use pricing plan of R-201AN. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under pricing plan R-201CF, that would not have been paid under pricing plan R-201AN. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE SERVICE SUMMARY OF CUSTOMER AND ENERGY CHARGES

Customer Charge Components of Delivery Services:

Customer Charge, Single Phase service and minimum bill \$ 7.00 per month

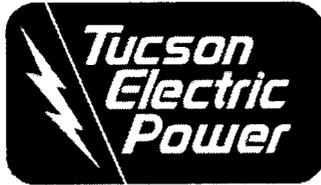
Energy Charge Components are unbundled into Delivery Services-Energy and Power Supply Charges

All energy charges below are on a per kWh basis.

Mid-Summer (June - August)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
On-Peak	\$0.161981	\$0.055698	varies	\$0.217679
Shoulder Peak	\$0.090057	\$0.048198	varies	\$0.138255
Off-Peak	\$0.028409	\$0.023198	varies	\$0.051607

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-201CF (FROZEN)
Effective: December 1, 2008
Page No.: Page 4 of 5



**Pricing Plan R-201CF (FROZEN)
Special Residential Electric Service**

A UniSource Energy Company

Remaining Summer (May & September – October)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
On-Peak	\$0.112200	\$0.055698	varies	\$0.167898
Shoulder Peak	\$0.058618	\$0.048198	varies	\$0.106816
Off Peak	\$0.012688	\$0.023198	varies	\$0.035886

Winter (November – April)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
On-Peak	\$0.066272	\$0.040698	varies	\$0.106970
Off Peak	\$0.001201	\$0.020698	varies	\$0.021899

1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge shall be comprised of the Base Power Charge and the Purchased Power and Fuel Adjustment Clause ("PPFAC"), a per kWh adjustment in accordance with Rider 1 PPFAC. PPFAC reflects increases or decreases in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold. PPFAC may vary over time as the cost of energy changes relative to the Base Power component of Power Supply Charges.
3. Total is calculated above for illustrative purposes, and excludes PPFAC, because PPFAC varies over time pursuant to Rider 1 PPFAC. While only non-variable components are included in the illustration above, a Customer's actual bill in any given billing month will reflect the applicable PPFAC for that billing month.

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the shoulder summer shoulder price in following billing months.

The Summer On Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). **The summer Shoulder period** is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day).

The Winter On Peak periods are 7:00 a.m. – 11:00 a.m. and 6:00 p.m. – 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day).

All other hours are Off Peak. If a holiday falls on Saturday, the preceding Friday is designated Off Peak; if a holiday falls on Sunday, the following Monday is designated Off Peak.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-201CF (FROZEN)
Effective: December 1, 2008
Page No.: Page 4 of 5



**Pricing Plan R-201CF (FROZEN)
Special Residential Electric Service**

A UniSource Energy Company

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge Components of Delivery Services (Unbundling)

Meter Services	\$1.51 per month
Meter Reading	\$0.80 per month
Billing & Collection	\$3.29 per month
Customer Delivery	\$1.40 per month
	\$7.00 per month

Energy Charge Components of Delivery Services (Unbundling)

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall not be less than zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result in the customer being paid (rather than paying) for TEP services.)

Components	Mid-Summer (June – August)	On Peak	Shoulder Peak	Off Peak
Local Delivery Energy		\$0.112559	\$0.045299	(\$0.000806)
Generation Capacity		\$0.035460	\$0.030796	\$0.015253
Fixed Must-Run		\$0.003849	\$0.003849	\$0.003849
System Benefits		\$0.000468	\$0.000468	\$0.000468
Transmission		\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:				
System Control & Dispatch		\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control		\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response		\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service		\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service		\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.				

Power Supply Charge

Components	Mid-Summer (June – August)	On Peak	Shoulder Peak	Off Peak
Base Power Component		\$0.055698	\$0.048198	\$0.023198

Components	Remaining Summer (May & September – October)	On Peak	Shoulder Peak	Off Peak
Local Delivery Energy		\$0.062778	\$0.013860	(\$0.016527)
Generation Capacity		\$0.035460	\$0.030796	\$0.015253
Fixed Must-Run		\$0.003849	\$0.003849	\$0.003849

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-201CF (FROZEN)
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**Pricing Plan R-201CF (FROZEN)
Special Residential Electric Service**

A UniSource Energy Company

System Benefits	\$0.000468	\$0.000468	\$0.000468
Transmission	\$0.007525	\$0.007525	\$0.007525
Transmission Ancillary Services consists of the following charges:			
System Control & Dispatch	\$0.000102	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.			

Power Supply Charge

Remaining Summer (May & September – October)	On Peak	Shoulder Peak	Off Peak
Base Power Component	\$0.055698	\$0.048198	\$0.023198

Components Winter (November – April)	On Peak	Off Peak
Local Delivery Energy	\$0.026177	(\$0.026460)
Generation Capacity	\$0.026133	\$0.013699
Fixed Must Run	\$0.003849	\$0.003849
System Benefits	\$0.000468	\$0.000468
Transmission Ancillary Services consists of the following charges:		
Transmission	\$0.007525	\$0.007525
System Control & Dispatch	\$0.000102	\$0.000102
Reactive Supply and Voltage Control	\$0.000402	\$0.000402
Regulation and Frequency Response	\$0.000389	\$0.000389
Spinning Reserve Service	\$0.001055	\$0.001055
Supplemental Reserve Service	\$0.000172	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.		

Power Supply Charge

Winter (November – April)	On Peak	Off Peak
Base Power Component	\$0.040698	\$0.020698

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-201CF (FROZEN)
 Effective: December 1, 2008
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**Pricing Plan R-201CF (FROZEN)
Special Residential Electric Service**

A UniSource Energy Company

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-201CF (FROZEN)
Effective: December 1, 2008
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**Pricing Plan R-201GN
Special Residential Electric Service "PowerShift™"
Time-of-Use Program**

A UniSource Energy Company

AVAILABILITY

Available throughout the Company's entire electric service area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

To single phase (subject to availability at point of delivery) electric service in individual residences as described in current program details when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this Schedule requires that the customer use exclusively the Company's service for all space heating and all water heating energy requirements except as provided below and that the customer's home conform to the standards of the Heating, Cooling and Comfort Guarantee program as in effect at the time of subscription to this Schedule. Notwithstanding the above, the customer's use of solar energy for any purpose shall not preclude subscription to this pricing plan.

Not applicable to resale, breakdown, temporary, standby, or auxiliary service or service to individual motors exceeding 40 amperes at a rating of 230 volts or which will cause excessive voltage fluctuations.

Customers must stay on pricing plan R-201CF for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period of this pricing plan, may opt to switch service to the non time of use R-201 pricing plan of R-201AN.

CHARACTER OF SERVICE

Single phase, 60 Hertz, nominal 120/240 volts.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE - SUMMARY OF CUSTOMER AND ENERGY CHARGES

CUSTOMER CHARGE COMPONENTS OF DELIVERY SERVICES

Customer Charge, Single Phase service and minimum bill \$ 8.00 per month

Energy Charge Components are unbundled into Delivery Services Energy and Power Supply Charges.
All energy charges below are on a per kWh basis.

Mid-Summer On-Peak (June - August)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.099462	\$0.078903	varies	\$0.178365
Next 3,000 kWh	\$0.117162	\$0.078903	varies	\$0.196065
Over 3,500 kWh	\$0.134862	\$0.078903	varies	\$0.213765

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-201GN
Effective: December 1, 2008
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**Pricing Plan R-201CN
Special Residential Electric Service "PowerShift™"
Time-of-Use Program**

A UniSource Energy Company

Mid-Summer Shoulder-Peak (June—August)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.040512	\$0.038929	<i>varies</i>	\$0.079441
Next 3,000 kWh	\$0.058212	\$0.038929	<i>varies</i>	\$0.097141
Over 3,500 kWh	\$0.075912	\$0.038929	<i>varies</i>	\$0.114841

Mid-Summer Off-Peak (June—August)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.019626	\$0.033829	<i>varies</i>	\$0.053455
Next 3,000 kWh	\$0.037326	\$0.033829	<i>varies</i>	\$0.071155
Over 3,500 kWh	\$0.055026	\$0.033829	<i>varies</i>	\$0.088855

Remaining-Summer On-Peak (May, September—October)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.044052	\$0.058503	<i>varies</i>	\$0.102555
Next 3,000 kWh	\$0.061752	\$0.058503	<i>varies</i>	\$0.120255
Over 3,500 kWh	\$0.079452	\$0.058503	<i>varies</i>	\$0.137955

Remaining-Summer Shoulder-Peak (May, September—October)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.022989	\$0.018529	<i>varies</i>	\$0.041518
Next 3,000 kWh	\$0.040689	\$0.018529	<i>varies</i>	\$0.059218
Over 3,500 kWh	\$0.058389	\$0.018529	<i>varies</i>	\$0.076918

Remaining-Summer Off-Peak (May, September—October)	Delivery Services- Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.016175	\$0.013429	<i>varies</i>	\$0.029604
Next 3,000 kWh	\$0.033875	\$0.013429	<i>varies</i>	\$0.047304
Over 3,500 kWh	\$0.051575	\$0.013429	<i>varies</i>	\$0.065004

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-201CN
Effective: December 1, 2008
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**Pricing Plan R-201CN
Special Residential Electric Service "PowerShift™"
Time-of-Use Program**

A UniSource Energy Company

1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must-Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge shall be comprised of the Base Power Charge and the Purchased Power and Fuel Adjustment Clause ("PPFAC"), a per kWh adjustment in accordance with Rider 1 PPFAC. PPFAC reflects increases or decreases in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold. PPFAC may vary over time as the cost of energy changes relative to the Base Power component of Power Supply Charges.
3. Total is calculated above for illustrative purposes, and excludes PPFAC, because PPFAC varies over time pursuant to Rider 1 PPFAC. While only non-variable components are included in the illustration above, a Customer's actual bill in any given billing month will reflect the applicable PPFAC for that billing month.

Mid-Summer and Remaining Summer TOU periods:

Weekdays except Memorial Day, Independence Day (July 4), and Labor Day. If Independence Day falls on Saturday, the Weekend schedule applies on the preceding Friday, July 3. If Independence Day falls on Sunday, the Weekend schedule applies on the following Monday, July 5.

On Peak: 2:00 p.m. to 6:00 p.m.
 Shoulder Peak: 12:00 p.m. (noon) to 2:00 p.m. and 6:00 p.m. to 8:00 p.m.
 Off Peak: 12:00 a.m. (midnight) to 12 p.m. (noon) and 8:00 p.m. to 12:00 a.m. (midnight)

Weekends (Saturday and Sunday), Memorial Day, Independence Day (or July 3 or July 5, under above conditions), and Labor Day.

On Peak: (There are no On Peak weekend hours)
 Shoulder Peak: (There are no Shoulder Peak weekend hours)
 Off Peak: All hours.

Winter On Peak (November - April)	Delivery Services Energy ¹	Power Supply Charges ²		Total ³
		Base Power	PPFAC ²	
First 500 kWh	\$0.044052	\$0.062447	varies	\$0.106499
Next 3,000 kWh	\$0.061752	\$0.062447	varies	\$0.124199
Over 3,500 kWh	\$0.079452	\$0.062447	varies	\$0.141899
Winter Off Peak (November - April)	Delivery Services Energy ¹	Power Supply Charges ²		Total ³
First 500 kWh	\$0.016175	\$0.017374	varies	\$0.033549
Next 3,000 kWh	\$0.033875	\$0.017374	varies	\$0.051249
Over 3,500 kWh	\$0.051575	\$0.017374	varies	\$0.068949

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
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Tariff No.: R-201CN
 Effective: December 1, 2008
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Pricing Plan R-201CN
Special Residential Electric Service "PowerShift™"
Time-of-Use Program

A UniSource Energy Company

- 1. Delivery Services Energy is a bundled charge that includes: Local Delivery Energy (Local Delivery and/or Distribution exclusive of Transmission/Ancillaries), Generation Capacity, Fixed Must-Run, System Benefits, Transmission and Ancillary Services.
2. The Power Supply Charge shall be comprised of the Base Power Charge and the Purchased Power and Fuel Adjustment Clause ("PPFAC"), a per kWh adjustment in accordance with Rider 1 PPFAC. PPFAC reflects increases or decreases in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold. PPFAC may vary over time as the cost of energy changes relative to the Base Power component of Power Supply Charges.
3. Total is calculated above for illustrative purposes, and excludes PPFAC, because PPFAC varies over time pursuant to Rider 1 PPFAC. While only non-variable components are included in the illustration above, a Customer's actual bill in any given billing month will reflect the applicable PPFAC for that billing month.

Winter TOU periods:

Weekdays except Thanksgiving Day, Christmas Day, and New Years Day. If Christmas Day and New Years Day fall on Saturdays, the Weekend schedule applies on the preceding Fridays, December 24 and December 31. If Christmas Day and New Years Day fall on Sundays, the Weekend schedule applies on the following Mondays, December 26 and January 2.

On Peak: 6:00 a.m. to 10:00 a.m. and 5:00 p.m. to 9:00 p.m.
Shoulder Peak: no shoulder peak periods in the winter.
Off Peak: 12:00 a.m. (midnight) to 6:00 a.m., 10:00 a.m. to 5:00 p.m., and 9:00 p.m. to 12:00 a.m. (midnight)

Weekends (Saturday and Sunday), Thanksgiving Day, Christmas Day (or December 24 or December 26, under above conditions), and New Years Day (or December 31 or January 2, under above conditions).

On Peak: (There are no On-Peak weekend hours)
Shoulder Peak: (There are no Shoulder-Peak weekend hours)
Off Peak: All hours.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Table with 2 columns: Component Name and Price. Components include Customer Charge Components of Delivery Services (Unbundling) such as Meter Services (\$1.51 per month), Meter Reading (\$0.80 per month), Billing & Collection (\$3.29 per month), Customer Delivery (\$2.40 per month), and a total of \$8.00 per month.

Energy Charge Components of Delivery Services (Unbundling)
(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third-party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.):

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

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Effective: December 1, 2008
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**Pricing Plan R-201CN
Special Residential Electric Service "PowerShift™"
Time-of-Use Program**

A UniSource Energy Company

Mid-Summer (June—August)	On-Peak	Shoulder-Peak	Off-Peak
Local-Delivery-Energy			
First 500 kWh	\$0.032400	\$0.010620	\$0.000354
Next 3,000 kWh	\$0.050100	\$0.028320	\$0.018054
Over 3,500 kWh	\$0.067800	\$0.046020	\$0.035754

Remaining-Summer (May, September—October)	On-Peak	Shoulder Peak	Off-Peak
Local-Delivery-Energy			
First 500 kWh	\$0.008850	\$0.002655	\$0.000089
Next 3,000 kWh	\$0.026550	\$0.020355	\$0.017789
Over 3,500 kWh	\$0.044250	\$0.038055	\$0.035489

Winter (November—April)	On-Peak	Off-Peak
Local-Delivery-Energy		
First 500 kWh	\$0.008850	\$0.000089
Next 3,000 kWh	\$0.026550	\$0.017789
Over 3,500 kWh	\$0.044250	\$0.035489

Generation Capacity	Mid-Summer (June—August)	Remaining-Summer (May, September—October)	Winter (November—April)
On-Peak	\$0.053100	\$0.021240	\$0.021240
Shoulder-Peak	\$0.015930	\$0.006372	N/A
Off-Peak	\$0.005310	\$0.002124	\$0.002124

All Seasons—All Components	
Fixed Must-Run	\$0.003849
System Benefits	\$0.000468
Transmission	\$0.007525
Transmission Ancillary Services consists of the following charges:	
System Control & Dispatch	\$0.000102
Reactive Supply and Voltage Control	\$0.000402
Regulation and Frequency Response	\$0.000389
Spinning Reserve Service	\$0.001055
Supplemental Reserve Service	\$0.000172
Energy Imbalance Service: currently charged pursuant to the Company's OATT.	

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: R-201CN
 Effective: December 1, 2008
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**Pricing Plan R-201CN
Special Residential Electric Service "PowerShift™"
Time-of-Use Program**

A UniSource Energy Company

Power Supply Charges

Base Power Component	Mid-Summer (June—August)	Remaining Summer (May, September—October)	Winter (November—April)
On Peak	\$0.078903	\$0.058503	\$0.062447
Shoulder Peak	\$0.038929	\$0.018529	N/A
Off Peak	\$0.033829	\$0.013429	\$0.017374

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-201CN
Effective: December 1, 2008
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Pricing Plan GS-51
Private Street and Area Lighting Service

A UniSource Energy Company

AVAILABILITY

At any point where the Company in its judgment has facilities of adequate capacity and suitable voltage available.

APPLICABILITY

To any Customer for private street or outdoor area lighting where this service can be supplied from existing facilities of the Company. Service is from dusk to dawn and the Company will install, own, operate, and maintain the complete lighting installation including lamp replacements. Not applicable to resale service.

CHARACTER OF SERVICE

Multiple or series street lighting system at option of Company and at one standard nominal voltage.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan.

BUNDLED STANDARD OFFER SERVICE

Delivery Charge

Table with 8 columns: Service, 55OH, 55P, 55UG, 70UG, 100 Watt, 250 Watt, 400 Watt, Underground Service, Pole. Row 1: per unit per month, \$7.390, \$7.390, \$7.390, \$11.092, \$17.110, \$14.014, \$2.582

Note:

The watt high pressure sodium lamps are charged per unit per month.

Per one pole addition and an extension of up to 100 feet of overhead service are charged per pole.

Underground Service is per 100 watt or less high pressure sodium lamp unit per month mounted on standard pole.

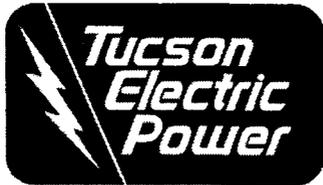
Base Power Supply Charge

Table with 8 columns: Service, 55OH, 55P, 55UG, 70UG, 100 Watt, 250 Watt, 400 Watt, Underground Service, Pole. Row 1: per unit per month, \$0.427, \$0.543, \$0.776, \$1.940, \$3.104, \$0.000, \$0.000

Purchased Power and Fuel Adjustment Clause ("PPFAC"): The Base Power Supply Charge shall be subject to a per kWh adjustment in accordance with Rider 1 PPFAC to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: GS-51
Effective: December 1, 2008
Page No.: 3 of 3



**Pricing Plan GS-51
Private Street and Area Lighting Service**

A UniSource Energy Company

STANDARD LAMP UNITS, OVERHEAD SERVICE

- (1) The standard 100 watt lamp unit for overhead service is a 9,500 lumen high pressure sodium unit, mounted on a four foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 25 feet above ground level.
- (2) The standard 250 watt lamp unit for overhead service is a 27,500 lumen high pressure sodium unit, mounted on an eight foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 27 feet above ground level.
- (3) The standard 400 watt lamp unit for overhead service is a 50,000 lumen high pressure sodium unit, mounted on an eighteen foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 35 feet above ground level.
- (4) The standard 100 watt lamp unit for underground service is a 9,500 lumen high pressure sodium post top unit mounted on a pole approximately 15 feet above ground level.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

	55OH, 55P, 55UG	70UG	100 Watt	250 Watt	400 Watt
Delivery Charge	\$6.458	\$6.204	\$5.697	\$6.860	\$10.337
Generation Capacity	\$0.320	\$0.407	\$0.581	\$1.453	\$2.325
Fixed Must-Run	\$0.038	\$0.048	\$0.069	\$0.173	\$0.277
System Benefits	\$0.007	\$0.009	\$0.012	\$0.031	\$0.050
Transmission	\$0.442	\$0.563	\$0.804	\$2.009	\$3.214
Transmission Ancillary					
— System Control & Load Dispatch	\$0.006	\$0.008	\$0.011	\$0.027	\$0.044
— Reactive Supply and Voltage Control	\$0.024	\$0.030	\$0.043	\$0.107	\$0.172
— Regulation and Frequency Response	\$0.023	\$0.029	\$0.042	\$0.104	\$0.166
— Spinning Reserve Service	\$0.062	\$0.079	\$0.113	\$0.282	\$0.451
— Supplemental Reserve Service	\$0.010	\$0.013	\$0.018	\$0.046	\$0.074
— Energy Imbalance Service: currently charged pursuant to the Company's OATT.					
Fuel and Purchased Power	\$0.427	\$0.543	\$0.776	\$1.940	\$3.104

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. These services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this pricing plan will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: GS-51
 Effective: December 1, 2008
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**Pricing Plan GS-51
Private Street and Area Lighting Service**

A UniSource Energy Company

SPECIAL PROVISIONS

- (1) Installation of a light on an existing pole is subject to prior approval of Company.
- (2) For underground service, where customer provides trenching up to 10 feet in accordance with Company's electric service requirements customer shall be billed at the rates for overhead service.
- (3) Extensions beyond 100 feet and all installations other than those addressed in this pricing plan will require specific agreements providing adequate revenue or arrangements for construction financing.
- (4) The Customer is not authorized to make connections to this lighting circuit or to make attachments or alterations to the Company owned pole.
- (5) If a Customer requests a relocation of a lighting installation, the costs of such relocation must be borne by the Customer.
- (6) The Customer is expected to notify the Company when lamp outages occur.
- (7) The Company will use diligence in maintaining service; however, monthly bills will not be reduced because of lamp outages.
- (8) After the minimum contract period, if any, has expired, this agreement shall be extended from year to year unless written notice of desire to terminate is given by either party at least thirty (30) days prior to the end of any such annual extension date.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

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Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: GS-51
Effective: December 1, 2008
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Pricing Plan LGS-85AF (FROZEN) Large General Service Time-of-Use

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

To all general power and lighting service on an optional basis when all energy is supplied at one point of delivery and through one metered service. Customer shall contract for a demand of not less than 200 kW.

Not applicable to resale, breakdown, standby, or auxiliary service.

CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering shall be required for new installations with service requirements in excess of 2,500 kW.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE

Customer Charge and minimum bill	\$371.88 per month
Demand Charges (includes Generation Capacity):	
Summer On peak demand	\$7.950 per kW
Summer Shoulder peak demand in excess of 150% of the On peak demand	\$5.258 per kW
Summer Off peak demand in excess of 150% of the On peak demand	\$3.975 per kW
Winter On peak demand	\$5.258 per kW
Winter Off peak demand in excess of 150% of the On peak demand	\$2.629 per kW

Excess shoulder demand is defined as that positive amount (if any) by which shoulder demand exceeds 150% of on-peak period demand.

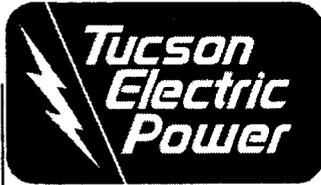
Excess off peak demand is defined as:

- I. that positive amount by which off peak period demand exceeds shoulder period demand (when and if shoulder period demand is greater than 150% of the on-peak period demand and off-peak period demand exceeds shoulder period demand), or;
- II. that positive amount by which off peak period demand exceeds 150% of the on-peak period demand (when and if shoulder period demand is less than 150% of the on-peak period demand and off peak period demand exceeds 150% of the on-peak period demand), or;
- III. zero when the above conditions in I are not met and the above conditions in II are not met.

In the event that excess shoulder and/or excess off peak demand occur, excess shoulder demand shall be billed at the shoulder price and excess off peak demand shall be billed at the off peak price. Any shoulder consumption remaining from October usage shall be billed at the summer shoulder price in following billing months.

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: LGS-85AF (FROZEN)
 Effective: December 1, 2008
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**Pricing Plan LGS-85AF (FROZEN)
Large General Service Time-of-Use**

A UniSource Energy Company

Energy Charges: All energy charges below are charged on a per kWh basis.

Delivery Charge

	Summer (May - October)	Winter (November - April)
On-Peak	\$0.053290	\$0.044980
Shoulder Peak	\$0.044980	N/A
Off Peak	\$0.036667	\$0.028356

Base Power Supply Charge

	Summer (May - October)	Winter (November - April)
On-Peak	\$0.056452	\$0.039341
Shoulder Peak	\$0.056452	N/A
Off Peak	\$0.023952	\$0.019341

Purchased Power and Fuel Adjustment Clause ("PPFAC"): The Base Power Supply Power Charge shall be subject to a per kWh adjustment in accordance with Rider 1 PPFAC to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

BILLING DEMAND

The maximum 60-minute measured demand in the month, but not less than 50% of the maximum on-peak demand used for billing purposes in the preceding 11 months, nor less than the contract demand, nor less than 200 kW.

ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

- (a) When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.
- (b) When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.
- (c) When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: LGS-85AF (FROZEN)
Effective: December 1, 2008
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**Pricing Plan LGS-85AF (FROZEN)
Large General Service Time-of-Use**

A UniSource Energy Company

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge:

Meter Services	\$223.128 per month
Meter Reading	\$ 18.594 per month
Billing & Collection	\$111.564 per month
Customer Delivery	\$ 18.594 per month

Demand Charges (kW):

Generation Capacity Charges

Summer On-peak demand	\$7.950 per kW
Summer Shoulder-peak demand in excess of 150% of the On-peak demand	\$5.258 per kW
Summer Off-peak demand in excess of 150% of the On-peak demand	\$3.975 per kW
Winter On-peak demand	\$5.258 per kW
Winter Off-peak demand in excess of 150% of the On-peak demand	\$2.629 per kW

Energy Charges (kWh):

Delivery Charge

	Summer (May - October)	Winter (November - April)
On-Peak	\$0.016035	\$0.011880
Shoulder-Peak	\$0.011880	N/A
Off-Peak	\$0.007723	\$0.003568

Generation Capacity Charge

	Summer (May - October)	Winter (November - April)
On-Peak	\$0.024164	\$0.020009
Shoulder-Peak	\$0.020009	N/A
Off-Peak	\$0.015853	\$0.011697

Fixed Must Run	\$0.003293 per kWh
System Benefits	\$0.000443 per kWh

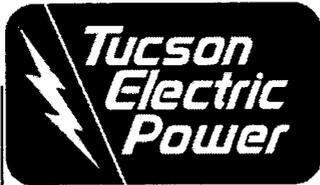
Transmission \$0.007298 per kWh

Transmission Ancillary Services

System Control & Dispatch	\$0.000099 per kWh
Reactive Supply and Voltage Control	\$0.000390 per kWh
Regulation and Frequency Response	\$0.000377 per kWh
Spinning Reserve Service	\$0.001024 per kWh
Supplemental Reserve Service	\$0.000167 per kWh
Energy Imbalance Service: currently charged pursuant to the Company's OATT.	

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: LGS-85AF (FROZEN)
 Effective: December 1, 2008
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Pricing Plan LGS-85AF (FROZEN) Large General Service Time-of-Use

A UniSource Energy Company

Base Power Supply Charge

	Summer (May—October)	Winter (November—April)
On Peak	\$0.056452	\$0.039341
Shoulder Peak	\$0.056452	N/A
Off Peak	\$0.023952	\$0.019341

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: LGS-85AF (FROZEN)
Effective: December 1, 2008
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**Pricing Plan GS-76F (FROZEN)
General Service Time-of-Use**

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

Direct access to the meter during normal working hours is also a prerequisite for this pricing plan. Service hereunder shall be limited to either an aggregate customer total of 30 MW or an aggregate customer total of 130,000,000 kWh annually, whichever total is reached first.

APPLICABILITY

Customers must stay on this pricing plan for a minimum period of one (1) year. A Customer, at his/her discretion and after being served for a twelve (12) month period under Pricing Plan GS-76F Frozen, may opt to switch service to the Company's non time-of-use General Service Pricing Plan GS-10. The Company shall refund to the Customer any excess moneys paid in total over the entire twelve months under pricing plan GS-76F Frozen that would not have been paid under pricing plan GS-10. A Customer shall be eligible to receive such a refund of excess moneys on a single occasion only.

Not applicable to resale, breakdown, standby, or auxiliary service.

CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering may be used by mutual agreement.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE

- Customer Charge, Single Phase service and minimum bill \$ 8.00 per month
- Customer Charge, Three Phase service and minimum bill \$14.00 per month
- Energy Charges: All energy charges below are charged on a per kWh basis.

Delivery Charge

	Summer (May – October)	Winter (November – April)
On-Peak	\$0.207220	\$0.130159
Shoulder Peak	\$0.119884	N/A
Off-Peak	\$0.042825	\$0.027411

Base Power Supply Charge

	Summer (May – October)	Winter (November – April)
On-Peak	\$0.056123	\$0.038809
Shoulder Peak	\$0.056123	N/A
Off-Peak	\$0.023623	\$0.018809

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: GS-76F (FROZEN)
Effective: December 1, 2008
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Pricing Plan GS-76F (FROZEN)
General Service Time-of-Use

A UniSource Energy Company

Purchased Power and Fuel Adjustment Clause ("PPFAC"): The Base Power Supply Charge shall be subject to a per-kWh adjustment in accordance with Rider 1 PPFAC to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.

The Company has the option to price service in the billing months of May and October at lower levels, which levels shall not be less than marginal cost. Any shoulder consumption remaining from October usage will be billed at the summer shoulder price in following billing months.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. to 11:00 a.m. and 6:00 p.m. to 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

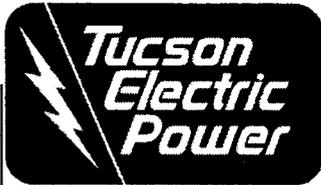
- (a) When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.
(b) When Customer owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above schedule subject to a discount of 20.6¢ per kW per month of the billing demand each month.
(c) When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Table with 2 columns: Component Name, Price. Includes Customer Charge, Meter Services (\$2.12 per month), Meter Reading (\$0.80 per month), Billing & Collection (\$3.23 per month), Customer Delivery (\$1.85 per month), and a Note about Three Phase Service.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: GS-76F (FROZEN)
Effective: December 1, 2008
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**Pricing Plan GS-76F (FROZEN)
General Service Time-of-Use**

A UniSource Energy Company

Energy Charges (kWh):

Delivery Charge

	Summer (May – October)	Winter (November – April)
On Peak	\$0.085668	\$0.054844
Shoulder Peak	\$0.050733	N/A
Off Peak	\$0.019910	\$0.013744

Generation Capacity

	Summer (May – October)	Winter (November – April)
On Peak	\$0.108461	\$0.062224
Shoulder Peak	\$0.056060	N/A
Off Peak	\$0.009824	\$0.000576

Fixed Must Run	\$0.003293 per kWh
System Benefits	\$0.000443 per kWh

Transmission	\$0.007298 per kWh
Transmission Ancillary Services	

System Control & Dispatch	\$0.000099 per kWh
Reactive Supply and Voltage Control	\$0.000390 per kWh
Regulation and Frequency Response	\$0.000377 per kWh
Spinning Reserve Service	\$0.001024 per kWh
Supplemental Reserve Service	\$0.000167 per kWh
Energy Imbalance Service: currently charged pursuant to the Company's OATT.	

Base Power Supply Charge

	Summer (May – October)	Winter (November – April)
On Peak	\$0.056123	\$0.038809
Shoulder Peak	\$0.056123	N/A
Off Peak	\$0.023623	\$0.018809

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: GS-76F (FROZEN)
Effective: December 1, 2008
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Pricing Plan GS-76F (FROZEN)
General Service Time-of-Use

A UniSource Energy Company

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: GS-76F (FROZEN)
Effective: December 1, 2008
Page No.: 3 of 4



Pricing Plan LGS-85F – FROZEN Large General Service Time-of-Use

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

APPLICABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

To all general power and lighting service on an optional basis when all energy is supplied at one point of delivery and through one metered service. Customer shall contract for a demand of not less than 200 kW.

Not applicable to resale, breakdown, standby, or auxiliary service.

CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering shall be required for new installations with service requirements in excess of 2,500 kW.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE

Customer Charge	\$371.88 per month
Demand Charges (includes Generation Capacity):	
Summer On peak demand	\$17.320 per kW
Summer Shoulder peak demand in excess of 150% of the On peak demand	\$8.660 per kW
Summer Off peak demand in excess of 150% of the On peak demand	\$11.455 per kW
Winter On peak demand	\$9.646 per kW
Winter Off peak demand in excess of 150% of the On peak demand	\$4.823 per kW

Excess shoulder demand is defined as that positive amount (if any) by which shoulder demand exceeds 150% of on peak period demand.

Excess off peak demand is defined as:

- I. that positive amount by which off peak period demand exceeds shoulder period demand (when and if shoulder period demand is greater than 150% of the on peak period demand and off peak period demand exceeds shoulder period demand), or;
- II. that positive amount by which off peak period demand exceeds 150% of the on peak period demand (when and if shoulder period demand is less than 150% of the on peak period demand and off peak period demand exceeds 150% of the on peak period demand), or;

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: LGS-85F – FROZEN
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Pricing Plan LGS-85F - FROZEN Large General Service Time-of-Use

A UniSource Energy Company

III. zero when the above conditions in I are not met and the above conditions in II are not met. In the event that excess shoulder and/or excess off-peak demand occur, excess shoulder demand shall be billed at the shoulder price and excess off-peak demand shall be billed at the off-peak price.

Any shoulder consumption remaining from October usage shall be billed at the summer shoulder price in following billing months.

Energy Charges: All energy charges below are charged on a per kWh basis.

Delivery Charge

	Summer (May - October)	Winter (November - April)
On Peak	\$0.083765	\$0.053910
Shoulder Peak	\$0.053910	N/A
Off Peak	\$0.005693	\$0.005693

Base Power Supply Charge

	Summer (May - October)	Winter (November - April)
On Peak	\$0.056452	\$0.039341
Shoulder Peak	\$0.056452	N/A
Off Peak	\$0.023952	\$0.019341

Purchased Power and Fuel Adjustment Clause ("PPFAC"): The Base Power Supply Charge shall be subject to a per kWh adjustment in accordance with Rider 1 PPFAC to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

BILLING DEMAND

The maximum 60 minute measured demand in the month, but not less than 50% of the maximum on-peak demand used for billing purposes in the preceding 11 months, nor less than the contract demand, nor less than 200 kW.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: LGS-85F - FROZEN
Effective: December 1, 2008
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**Pricing Plan LGS-85F – FROZEN
Large General Service Time-of-Use**

A UniSource Energy Company

ADJUSTMENT FOR TRANSFORMER OWNERSHIP AND METERING

- (a) When Company owns transformers and energy is metered on primary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.
- (b) When Customer owns transformers and, at Company's option, energy is metered on secondary side of transformers, the demand shall be metered and the above Schedule subject to a discount of 10.3¢ per kW per month of the billing demand each month.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

<u>Customer Charge:</u>	
Meter Services	\$223.128 per month
Meter Reading	\$ 18.594 per month
Billing & Collection	\$111.564 per month
Customer Delivery	\$ 18.594 per month

<u>Demand Charges (kW):</u>	
<u>Generation Capacity Charges (kW)</u>	
Summer On-peak demand	\$17.320 per kW
Summer Shoulder peak demand in excess of 150% of the On-peak demand	\$8.660 per kW
Summer Off-peak demand in excess of 150% of the On-peak demand	\$11.455 per kW
Winter On-peak demand	\$9.646 per kW
Winter Off-peak demand in excess of 150% of the On-peak demand	\$4.823 per kW

Energy Charges (kWh):
 ((NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.);

<u>Delivery Charge</u>		
	Summer (May – October)	Winter (November – April)
On-Peak	\$0.069674	\$0.039819
Shoulder-Peak	\$0.039819	N/A
Off-Peak	(\$0.008398)	(\$0.008398)

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: LGS-85F – FROZEN
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Pricing Plan LGS-85F - FROZEN
Large General Service Time-of-Use

A UniSource Energy Company

Generation Capacity Charge

	Summer (May - October)	Winter (November - April)
On Peak	\$0.001000	\$0.001000
Shoulder Peak	\$0.001000	N/A
Off Peak	\$0.001000	\$0.001000

Fixed Must-Run	\$0.003293 per kWh
System Benefits	\$0.000443 per kWh

Transmission	\$0.007298 per kWh
Transmission Ancillary Services	
System Control & Dispatch	\$0.000099 per kWh
Reactive Supply and Voltage Control	\$0.000390 per kWh
Regulation and Frequency Response	\$0.000377 per kWh
Spinning Reserve Service	\$0.001024 per kWh
Supplemental Reserve Service	\$0.000167 per kWh
Energy Imbalance Service:	currently charged pursuant to the Company's OATT.

Base Power Supply Charge

	Summer (May - October)	Winter (November - April)
On Peak	\$0.056452	\$0.039341
Shoulder Peak	\$0.056452	N/A
Off Peak	\$0.023952	\$0.019341

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: LGS-85F - FROZEN
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**Pricing Plan LGS-85F—FROZEN
Large General Service Time-of-Use**

A UniSource Energy Company

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

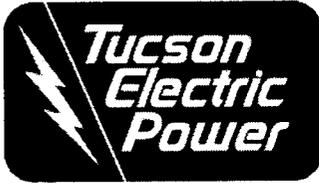
ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: LGS-85F—FROZEN
Effective: December 1, 2008
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Pricing Plan LLP-90AF (FROZEN) Large Light and Power Service Time-of-Use

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

CHARACTER OF SERVICE

Service shall be three phase, 60 Hertz, and shall be supplied directly from any 46,000 volt, or higher voltage, system through distribution facilities used exclusively to serve Pricing Plan LLP 90AF. Frozen to customers at a delivery voltage of not less than 2400/4160 volts and delivered at a single point of delivery unless otherwise specified in the contract.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE

Customer Charge and minimum bill	\$500.00 per month
Demand Charges (includes Generation Capacity):	
Summer On-peak demand	\$25.581 per kW
Summer Shoulder peak demand in excess of 150% of the On-peak demand	\$18.081 per kW
Summer Off-peak demand in excess of 150% of the On-peak demand	\$10.581 per kW
Winter On-peak demand	\$21.581 per kW
Winter Off-peak demand in excess of 150% of the On-peak demand	\$10.581 per kW

Energy Charges: All energy charges below are charged on a per kWh basis.

Delivery Charge	\$.006203 per kWh
Base Power Supply Charge	

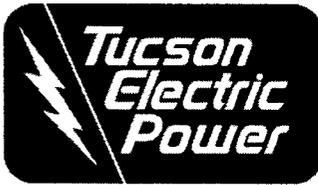
	Summer (May - October)	Winter (November - April)
On-Peak	\$0.052983	\$0.035623
Shoulder Peak	\$0.052983	N/A
Off-Peak	\$0.020483	\$0.015623

Purchased Power and Fuel Adjustment Clause ("PPFAC"): The Base Power Supply Charge shall be subject to a per kWh adjustment in accordance with Rider 1 PPFAC to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If

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Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

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Pricing Plan LLP 90AF (FROZEN) Large Light and Power Service Time-of-Use

A UniSource Energy Company

a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

Excess shoulder demand is defined as that positive amount (if any) by which shoulder demand exceeds 150% of on-peak period demand.

Excess off-peak demand is defined as:

- I. that positive amount by which off-peak period demand exceeds shoulder period demand (when and if shoulder period demand is greater than 150% of the on-peak period demand and off-peak period demand exceeds shoulder period demand), or;
- II. that positive amount by which off-peak period demand exceeds 150% of the on-peak period demand (when and if shoulder period demand is less than 150% of the on-peak period demand and off-peak period demand exceeds 150% of the on-peak period demand), or;
- III. zero when the above conditions in I are not met and the above conditions in II are not met.

In the event that excess shoulder and/or excess off-peak demand occur, excess shoulder demand shall be billed at the shoulder price and excess off-peak demand shall be billed at the off-peak price.

Any shoulder consumption remaining from October usage shall be billed at the summer shoulder price in following billing months.

BILLING DEMAND

The billing demand shall be specified in the contract, but shall not be less than 3,000 kW. Additionally, the On-Peak billing demand shall not be less than 66.67% of the maximum On-Peak billing demand in the preceding eleven (11) months, unless otherwise specified in the contract.

PRIMARY SERVICE

The above rate is subject to Primary Service and Metering. The Customer will provide the entire distribution system (including transformers) from the point of delivery to the load. The energy and demand shall be metered on primary side of transformers.

POWER FACTOR ADJUSTMENT

The above rate is subject to a discount or a charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is above or below 90% lagging to a maximum discount of 13.0¢ per kW of billing demand per month.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

<u>Customer Charge:</u>	
Meter Services	\$300.00 per month
Meter Reading	\$ 25.00 per month
Billing & Collection	\$150.00 per month
Customer Delivery	\$ 25.00 per month

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**Pricing Plan LLP-90AF (FROZEN)
Large Light and Power Service Time-of-Use**

A UniSource Energy Company

Demand Charges (kW)

<u>Generation Capacity Charges</u>	
Summer On-peak demand	\$17.052 per kW
Summer Shoulder-peak demand in excess of 150% of the On-peak demand	\$ 9.552 per kW
Summer Off-peak demand in excess of 150% of the On-peak demand	\$ 2.052 per kW
<u>Winter</u>	
Winter On-peak demand	\$13.052 per kW
Winter Off-peak demand in excess of 150% of the On-peak demand	\$ 2.052 per kW
<u>Fixed Must-Run</u>	\$2.565 per kW
<u>Transmission</u>	\$4.654 per kW
<u>Transmission Ancillary Services</u>	
System Control & Dispatch	\$0.063 per kW
Reactive Supply and Voltage Control	\$0.248 per kW
Regulation and Frequency Response	\$0.241 per kW
Spinning Reserve Service	\$0.652 per kW
Supplemental Reserve Service	\$0.106 per kW
Energy Imbalance Service: currently charged pursuant to the Company's OATT.	

Fixed Must-Run, Transmission and Transmission and Ancillary Services Charges apply to On-peak demand, Shoulder-peak demand in excess of 150% of the On-peak demand, and Off-peak demand in excess of 150% of the On-peak demand.

Energy Charges (kWh):

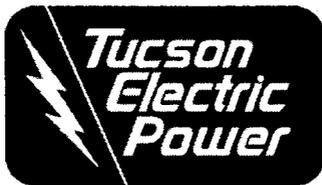
Delivery Charge	\$0.005770 per kWh
System Benefits	\$0.000433 per kWh

Base Power Supply Charge

	Summer (May - October)	Winter (November - April)
On-Peak	\$0.052983	\$0.035623
Shoulder-Peak	\$0.052983	N/A
Off-Peak	\$0.020483	\$0.015623

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
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**Pricing Plan ~~LLP 90AF (FROZEN)~~
Large Light and Power Service Time-of-Use**

A UniSource Energy Company

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill. _____

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

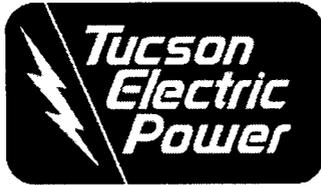
The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

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Pricing Plan LLP-90F (FROZEN)
Large Light and Power Service Time-of-Use

A UniSource Energy Company

AVAILABILITY

This pricing plan is frozen to existing customers at existing sites or delivery points. New customers, including current customers who move, are not eligible for service under this pricing plan. This program may be terminated upon Arizona Corporation Commission approval.

CHARACTER OF SERVICE

Service shall be three phase, 60 Hertz, and shall be supplied directly from any 46,000 volt, or higher voltage, system through distribution facilities used exclusively to serve Pricing Plan LLP-90F. Frozen to customers at a delivery voltage of not less than 2400/4160 volts and delivered at a single point of delivery unless otherwise specified in the contract.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan:

BUNDLED STANDARD OFFER SERVICE

Table with 2 columns: Service Description and Rate. Includes Customer Charge and minimum bill (\$500.00 per month), Demand Charges (includes Generation Capacity), Summer On-peak demand (\$25.702 per kW), Summer Shoulder-peak demand in excess of 150% of the On-peak demand (\$19.452 per kW), Summer Off-peak demand in excess of 150% of the On-peak demand (\$13.202 per kW), Winter On-peak demand (\$21.702 per kW), and Winter Off-peak demand in excess of 150% of the On-peak demand (\$ 9.202 per kW).

Excess shoulder demand is defined as that positive amount (if any) by which shoulder demand exceeds 150% of on-peak period demand.

Excess off-peak demand is defined as:

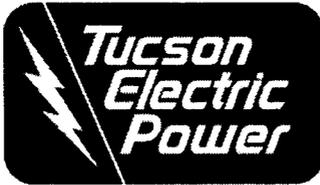
- I. that positive amount by which off-peak period demand exceeds shoulder period demand (when and if shoulder period demand is greater than 150% of the on-peak period demand and off-peak period demand exceeds shoulder period demand), or;
II. that positive amount by which off-peak period demand exceeds 150% of the on-peak period demand (when and if shoulder period demand is less than 150% of the on-peak period demand and off-peak period demand exceeds 150% of the on-peak period demand), or;
III. zero when the above conditions in I are not met and the above conditions in II are not met.

In the event that excess shoulder and/or excess off-peak demand occur, excess shoulder demand shall be billed at the shoulder price and excess off-peak demand shall be billed at the off-peak price.

Any shoulder consumption remaining from October usage shall be billed at the summer-shoulder price in following billing months.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

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Pricing Plan LLP-90F (FROZEN)
Large Light and Power Service Time-of-Use

A UniSource Energy Company

Energy Charges: All energy charges below are charged on a per kWh basis.

Delivery Charge \$.000433 per kWh

Base Power Supply Charge

Table with 3 columns: Category, Summer (May-October), Winter (November-April). Rows include On-Peak, Shoulder Peak, and Off-Peak with corresponding rates.

Purchased Power and Fuel Adjustment Clause ("PPFAC"): The Base Power Supply Charge shall be subject to a per kWh adjustment in accordance with Rider 1 PPFAC to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.

The summer On-Peak period is 1:00 p.m. to 6:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The summer Shoulder period is 6:00 p.m. to 8:00 p.m., Monday through Friday (excluding Memorial Day, Independence Day, and Labor Day). The winter On-Peak periods are 7:00 a.m. - 11:00 a.m. and 6:00 p.m. - 9:00 p.m., Monday through Friday (excluding Thanksgiving Day, Christmas Day, and New Year's Day). All other hours are Off-Peak. If a holiday falls on Saturday, the preceding Friday is designated Off-Peak; if a holiday falls on Sunday, the following Monday is designated Off-Peak.

BILLING DEMAND

The billing demand shall be specified in the contract, but shall not be less than 3,000 kW. Additionally, the On-Peak billing demand shall not be less than 66.67% of the maximum On-Peak billing demand in the preceding eleven (11) months, unless otherwise specified in the contract.

PRIMARY SERVICE

The above rate is subject to Primary Service and Metering. The Customer will provide the entire distribution system (including transformers) from the point of delivery to the load. The energy and demand shall be metered on primary side of transformers.

POWER FACTOR ADJUSTMENT

The above rate is subject to a discount or a charge of 1.3¢ per kW of billing demand for each 1% the average monthly power factor is above or below 90% lagging to a maximum discount of 13.0¢ per kW of billing demand per month.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

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**Pricing Plan LLP-90F (FROZEN)
Large Light and Power Service Time-of-Use**

A UniSource Energy Company

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Customer Charge:

Meter Services	\$300.00 per month
Meter Reading	\$ 25.00 per month
Billing & Collection	\$150.00 per month
Customer Delivery	\$ 25.00 per month

Demand Charges (kW):

Generation Capacity Charges (kW)

Summer On-peak demand	\$18.562 per kW
Summer-Shoulder peak demand in excess of 150% of the On-peak demand	\$12.312 per kW
Summer Off-peak demand in excess of 150% of the On-peak demand	\$ 6.062 per kW

Winter On-peak demand	\$14.562 per kW
Winter Off-peak demand in excess of 150% of the On-peak demand	\$ 2.062 per kW

Fixed Must Run \$2.147 per kW per month

Transmission \$3.895 per kW per month

Transmission Ancillary Services

System Control & Dispatch	\$0.053 per kW per month
Reactive Supply and Voltage Control	\$0.208 per kW per month
Regulation and Frequency Response	\$0.202 per kW per month
Spinning Reserve Service	\$0.546 per kW per month
Supplemental Reserve Service	\$0.089 per kW per month
Energy Imbalance Service: currently charged pursuant to the Company's OATT.	

Fixed Must Run, Transmission and Transmission and Ancillary Services Charges apply to On-peak demand, Shoulder peak demand in excess of 150% of the On-peak demand, and Off-peak demand in excess of 150% of the On-peak demand.

Energy Charges (kWh):

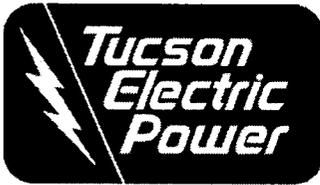
System Benefits \$0.000433 per kWh

Base Power Supply Charge

	Summer (May - October)	Winter (November - April)
On-Peak	\$0.052983	\$0.035623
Shoulder Peak	\$0.052983	N/A
Off-Peak	\$0.020483	\$0.015623

Filed By: Raymond S. Hoyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

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**Pricing Plan LLP-90F (FROZEN)
Large Light and Power Service Time-of-Use**

A UniSource Energy Company

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill. _____

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

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Pricing Plan PS-40
Municipal Service

A UniSource Energy Company

AVAILABILITY

Available for Municipal Service where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

Applicable for service to the City of Tucson, City of South Tucson and Pima County for Municipal buildings and grounds.

Not applicable to resale, breakdown, standby, or auxiliary service or to buildings used for residential purposes.

CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at one point of delivery. Primary Service and Metering shall be an option under this tariff, but shall be required for new installations with service requirements in excess of 2,500 kW.

RATE

A monthly net bill at the following rate, plus any adjustments incorporated in this pricing plan.

BUNDLED STANDARD OFFER SERVICE

— Energy Charges: All energy charges below are charged on a per kWh basis.

— Delivery Charge	
Summer (May – October)	\$0.057530 per kWh
Winter (November – April)	\$0.053159 per kWh
— Base Power Supply Charge	
Summer	\$0.032245 per kWh
Winter	\$0.024745 per kWh

Purchased Power and Fuel Adjustment Clause ("PPFAC"): The Base Power Supply Charge shall be subject to a per kWh adjustment in accordance with Rider 1 PPFAC to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

— Energy Charges (kWh):	
— Delivery Charge	\$0.016298 per kWh
— Generation Capacity	
Summer	\$0.029653 per kWh
Winter	\$0.025283 per kWh

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

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Effective: December 1, 2008
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Pricing Plan PS-40
Municipal Service

A UniSource Energy Company

Fixed Must Run	\$0.003289 per kWh
System Benefits	\$0.000434 per kWh
Transmission	\$0.006129 per kWh
Transmission Ancillary Services	
System Control & Dispatch	\$0.000083 per kWh
Reactive Supply and Voltage Control	\$0.000327 per kWh
Regulation and Frequency Response	\$0.000317 per kWh
Spinning Reserve Service	\$0.000860 per kWh
Supplemental Reserve Service	\$0.000140 per kWh
Energy Imbalance Service: currently charged pursuant to the Company's OATT.	
Base Power Supply Charge	
Summer	\$0.032245 per kWh
Winter	\$0.024745 per kWh

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

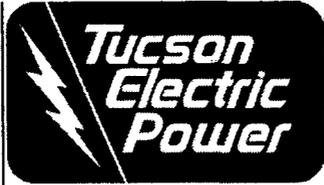
RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

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Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

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Effective: December 1, 2008
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**Pricing Plan PS-40
Municipal Service**

A UniSource Energy Company

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

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Effective: December 1, 2008
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Pricing Plan PS-43 Municipal Water Pumping Service

A UniSource Energy Company

AVAILABILITY

Available for service to the City of Tucson Water Utility and private water Companies where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

Applicable for service to booster stations and wells used for domestic water supply.

Not applicable to resale, breakdown, standby, or auxiliary service.

CHARACTER OF SERVICE

Single or three phase, 60 Hertz, and at one standard nominal voltage as elected by Customer and subject to availability at point of delivery approved by the Company. Primary metering may be used by mutual agreement.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan.

BUNDLED STANDARD OFFER SERVICE

Energy Charges: All energy charges below are charged on a per kWh basis.

<u>Firm Service</u>	
Delivery Charge	
Summer (May - October)	\$0.060347 per kWh
Winter (November - April)	\$0.055731 per kWh
<u>Interruptible Service</u>	
Delivery Charge	
Summer (May - October)	\$0.027281 per kWh
Winter (November - April)	\$0.025911 per kWh
<u>Base Power Supply Charge for Firm and Interruptible Service:</u>	
Summer	\$0.029868 per kWh
Winter	\$0.022368 per kWh

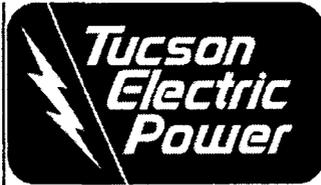
Purchased Power and Fuel Adjustment Clause ("PPFAC"): The Base Power Supply Charge shall be subject to a per kWh adjustment in accordance with Rider 1 PPFAC to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.

Primary Voltage Discount

A discount of 5% will be allowed from the above rates where Customer owns the transformers and service is metered at primary voltage.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
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Pricing Plan PS-43
Municipal Water Pumping Service

A UniSource Energy Company

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Table listing unbundled components and their rates: Energy Charges (kWh), Firm Service (Delivery Charge, Generation Capacity Summer/Winter), Interruptible Service (Delivery Charge), Generation Capacity (Interruptible Service) Summer/Winter, Fixed Must Run, System Benefits, Transmission, Transmission Ancillary Services (System Control & Dispatch, Reactive Supply and Voltage Control, Regulation and Frequency Response, Spinning Reserve Service, Supplemental Reserve Service), Energy Imbalance Service, and Base Power Supply Charge for Firm and Interruptible Service Summer/Winter.

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

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Pricing Plan PS-43 Municipal Water Pumping Service

A UniSource Energy Company

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TERMS AND CONDITIONS OF INTERRUPTIBLE SERVICE

1. Customer must furnish, install, own, and maintain at each point of delivery all necessary Company approved equipment which will enable the Company to interrupt service with its master control station.
2. Service may be interrupted by Company during certain periods of the day not exceeding six hours in any 24-hour period.
3. Company will endeavor to give Customer one hour notice of impending interruption; however, service may be interrupted without notice should Company deem such action necessary.
4. The interruptible load shall be separately served and metered and shall at no time be connected to facilities serving Customer's firm load. Conversely, the firm load shall be separately served and metered and shall at no time be connected to facilities serving Customer's interruptible load.
5. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: PS-43
Effective: December 1, 2008
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Pricing Plan PS-50 Public Street Lighting Service

A UniSource Energy Company

AVAILABILITY

Available for service for lighting public streets, alleys, thoroughfares, public parks, and playgrounds by use of Company's standard facilities where such service is contracted under this pricing plan by the state, a county, city, town, political subdivision, improvement district, or a responsible person or persons for unincorporated communities.

APPLICABILITY

Applicable to street lighting service from dusk to dawn and Company will own, operate, and maintain the street light system including lamps and globe replacements.

CHARACTER OF SERVICE

Multiple or series street lighting system at option of Company and at one standard nominal voltage.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan.

BUNDLED STANDARD OFFER SERVICE

— Delivery Charge

Service	55OH, 55P, 55UG	70UG	100-Watt	250-Watt	400-Watt	Underground Service	Pole
per unit per month	\$7.390	\$7.390	\$7.390	\$11.092	\$17.110	\$14.014	\$2.582

— Note:

— The watt high pressure sodium lamps are charged per unit per month.

Per one pole addition and an extension of up to 100 feet of overhead service are charged per pole.

Underground Service is per 100 watt or less high pressure sodium lamp unit per month mounted on standard pole. —

Base Power Supply Charge

Service	55OH, 55P, 55UG	70UG	100-Watt	250-Watt	400-Watt	Underground Service	Pole
per unit per month	\$0.427	\$0.543	\$0.776	\$1.940	\$3.104	\$0.000	\$0.000

Purchased Power and Fuel Adjustment Clause ("PPFAC"): The Base Power Supply Charge shall be subject to a per kWh adjustment in accordance with Rider 1 PPFAC to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

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 Effective: December 1, 2008
 Page No.: 3 of 3



Pricing Plan PS-50 Public Street Lighting Service

A UniSource Energy Company

STANDARD LAMP UNITS, OVERHEAD SERVICE

- (1) The standard 100 watt lamp unit for overhead service is a 9,500 lumen high pressure sodium unit, mounted on a four foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 25 feet above ground level.
- (2) The standard 250 watt lamp unit for overhead service is a 27,500 lumen high pressure sodium unit, mounted on an eight foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 27 feet above ground level.
- (3) The standard 400 watt lamp unit for overhead service is a 50,000 lumen high pressure sodium unit, mounted on an eighteen foot mast arm and controlled by a photoelectric cell. This unit will be mounted on a pole approximately 35 feet above ground level.
- (4) The standard 100 watt lamp unit for underground service is a 9,500 lumen high pressure sodium post top unit mounted on a pole approximately 15 feet above ground level.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

	55OH, 55P, 55UG	70UG	100 Watt	250 Watt	400 Watt
Delivery Charge	\$6.458	\$6.204	\$5.697	\$6.860	\$10.337
Generation Capacity	\$0.320	\$0.407	\$0.581	\$1.453	\$2.325
Fixed Must-Run	\$0.038	\$0.048	\$0.069	\$0.173	\$0.277
System Benefits	\$0.007	\$0.009	\$0.120	\$0.031	\$0.050
Transmission	\$0.442	\$0.563	\$0.804	\$2.009	\$3.214
Transmission Ancillary					
— System Control & Load Dispatch	\$0.006	\$0.008	\$0.011	\$0.027	\$0.044
— Reactive Supply and Voltage Control	\$0.024	\$0.030	\$0.043	\$0.107	\$0.172
— Regulation and Frequency Response	\$0.023	\$0.029	\$0.042	\$0.104	\$0.166
— Spinning Reserve Service	\$0.062	\$0.079	\$0.113	\$0.282	\$0.451
— Supplemental Reserve Service	\$0.010	\$0.013	\$0.018	\$0.046	\$0.074
— Energy Imbalance Service: currently charged pursuant to the Company's OATT.					
Fuel and Purchased Power	\$0.427	\$0.543	\$0.776	\$1.940	\$3.104

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this pricing plan will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

Filed By: Raymond S. Heyman
 Title: Senior Vice-President, General Counsel
 District: Entire Electric Service Area

Tariff No.: PS-50
 Effective: December 1, 2008
 Page No.: 3 of 3



**Pricing Plan PS-50
Public Street Lighting Service**

A UniSource Energy Company

SPECIAL PROVISIONS

- (1) Installation of a light on an existing pole is subject to prior approval of Company.
- (2) For underground service, where customer provides trenching up to 10 feet in accordance with Company's electric service requirements, customer shall be billed at the rates for overhead service.
- (3) Extensions beyond 100 feet and all installations other than those addressed in this pricing plan will require specific agreements providing adequate revenue or arrangements for construction financing.
- (4) The Customer is not authorized to make connections to this lighting circuit or to make attachments or alterations to the Company owned pole.
- (5) If a Customer requests a relocation of a lighting installation, the costs of such relocation must be borne by the Customer.
- (6) The Customer is expected to notify the Company when lamp outages occur.
- (7) The Company will use diligence in maintaining service; however, monthly bills will not be reduced because of lamp outages.
- (8) After the minimum contract period, if any, has expired, this agreement shall be extended from year to year unless written notice of desire to terminate is given by either party at least thirty (30) days prior to the end of any such annual extension date.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: PS-50
Effective: December 1, 2008
Page No.: 3 of 3



Pricing Plan GS-31 Interruptible Agricultural Pumping

A UniSource Energy Company

AVAILABILITY

Available for interruptible service to agricultural pumping customers throughout the entire area where the facilities of the Company are of adequate capacity and are adjacent to the premises.

APPLICABILITY

Applicable to separately metered interruptible agricultural water pumping service for irrigation purposes of the Customer only.

Not applicable to resale, breakdown, standby, auxiliary, or any other service except agricultural pumping in accordance with the provisions of this pricing plan.

CHARACTER OF SERVICE

Three phase, 60 Hertz, and at one standard nominal voltage as mutually agreed and subject to availability at point of delivery. Primary metering may be used by mutual agreement.

RATE

A monthly net bill at the following rate plus any adjustments incorporated in this pricing plan.

BUNDLED STANDARD OFFER SERVICE

— Energy Charges: All energy charges below are charged on a per kWh basis.

— Delivery Charge

Summer (May – October)	\$0.025700 per kWh
Winter (November – April)	\$0.024205 per kWh

Base Power Supply Charge	\$0.028730 per kWh
--------------------------	--------------------

Purchased Power and Fuel Adjustment Clause ("PPFAC"): The Base Power Supply Charge shall be subject to a per kWh adjustment in accordance with Rider 1 PPFAC to reflect any increase or decrease in the cost to the Company for energy either generated or purchased above or below the base cost per kWh sold.

DETERMINATION OF HORSEPOWER FOR BILLING

Horsepower connected shall be the manufacturer's nameplate rating of all equipment of Customer connected for service under this schedule, but not less than 60 hp.

MINIMUM BILL

The Customer guarantees that its load shall be sufficient such that a summation of all the above payments shall be not less than \$30.00 per hp connected per contract year (which shall be from April 1 to March 31 of the following year) and in no event less than \$1,800.00 per contract year. Minimum payments at the rate of \$2.50 per hp of motors connected, but not less than \$150.00 shall be made monthly.

If during the contract year the total payments exceed the annual guarantee of \$30.00 per hp connected but not less than \$1,800.00, then the Customer shall be credited the difference between the amount actually paid during the contract year and the amount which would have been paid had the monthly minimum charge not been applied.

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: GS-31
 Effective: December 1, 2008
 Page No.: 3 of 3



Pricing Plan GS-31 Interruptible Agricultural Pumping

A UniSource Energy Company

TERMS AND CONDITIONS OF SERVICE

1. Customer must furnish, install, own, and maintain at each point of delivery all necessary Company approved equipment which will enable the Company to interrupt service with its master control station.
2. Service may be interrupted by Company during certain periods of the day not exceeding six hours in any 24-hour period.
3. Company will endeavor to give customer one hour notice of impending interruption; however, service may be interrupted without notice should Company deem such action necessary.
4. Where service other than agricultural pumping to which this rate is applicable has been taken hereunder, the general service rate shall be applied on a monthly basis to all usage billed hereunder during the previous twelve months less the aggregate of payments made hereunder for the same period of time. The general service rate shall continue to apply until the unauthorized service is permanently separated from the agricultural pumping service.
5. Company shall not be liable for any loss or damage caused by or resulting from any interruption of service.

BUNDLED STANDARD OFFER SERVICE CONSISTS OF THE FOLLOWING UNBUNDLED COMPONENTS:

Energy Charges (kWh):

(NOTE: While some delivery charges are negative, the minimum total monthly bill (excluding services provided by third party service providers), shall be zero. Negative charges reduce the total monthly bill, but are not permitted to create a negative bill, which would result the customer being paid (rather than paying) for TEP services.)

Delivery (Summer & Winter):	(\$0.016447) per kWh
Generation Capacity	
Summer	\$0.029056 per kWh
Winter	\$0.027561 per kWh
Fixed Must Run	\$0.003293 per kWh
System Benefits	\$0.000443 per kWh
Transmission	\$0.007298 per kWh
Transmission Ancillary Services	
System Control & Dispatch	\$0.000099 per kWh
Reactive Supply and Voltage Control	\$0.000390 per kWh
Regulation and Frequency Response	\$0.000377 per kWh
Spinning Reserve Service	\$0.001024 per kWh
Supplemental Reserve Service	\$0.000167 per kWh
Energy Imbalance Service: currently charged pursuant to the Company's OATT.	
Base Power Supply Charge	\$0.028730 per kWh

Filed By: Raymond S. Heyman
 Title: Senior Vice President, General Counsel
 District: Entire Electric Service Area

Tariff No.: GS-31
 Effective: December 1, 2008
 Page No.: 3 of 3



Pricing Plan GS-31 Interruptible Agricultural Pumping

A UniSource Energy Company

DIRECT ACCESS

A customer's Direct Access bill will include all unbundled components except those services provided by a qualified third party. Those services may include Metering (Installation, Maintenance and/or Equipment), Meter Reading, Billing and Collection, Transmission and Generation. If any of these services are not available from a third party supplier and must be obtained from the Company, the rates for Unbundled Components set forth in this tariff will be applied to the customer's bill.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

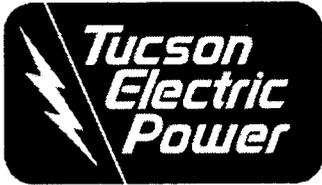
ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: GS-31
Effective: December 1, 2008
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Pricing Plan PRS-101
Non-Firm Power Purchase from Renewable Energy Resources
and Qualifying Cogeneration Facilities of 100 kW or Less
Capacity

A UniSource Energy Company

AVAILABILITY

Available throughout Company's entire electric service area to any Customer with certified capacity of 100 kW or less generating through the use of renewable energy resources or qualifying cogeneration facilities providing non-firm power.

RATE

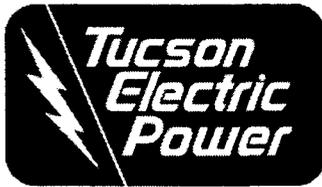
For all energy billed which is supplied by the Customer to the Company, the price shall be the Company's Market Generation Credit (MGC) as specified in Schedule MGC-1.

CONDITIONS OF PURCHASE

- 1) ~~The Customer shall be responsible for all interconnection costs unless otherwise indicated by the Company. In addition, Customer shall conform to all applicable interconnection requirements as mandated either by government or by the Company.~~
- 2) ~~The Customer shall operate its electric generating equipment in accordance with Company rules, regulations, and service requirements.~~
- 3) ~~The Customer shall, at its option, operate in one of the following two system configurations:~~
 - a) ~~Parallel Mode~~—The Customer's self-generation facilities first supply its own electric requirements with any excess power being sold to the Company at the MGC. The Company shall sell power to the Customer as required by the Customer under the Company's applicable Pricing Plan.
 - b) ~~Simultaneous Buy/Sell Mode~~—The Customer's total generation output is sold directly to the Company and the Customer's total electric requirements are met by sales from the Company. Billing for purchases and sales shall be calculated, at the Customer's option, in either of three methods:
 - i) ~~Net bill method~~: The kWh sold to the Company shall be subtracted from the kWh purchased from Company. If the kWh calculation is net positive, the Company will sell the net kWh to the Customer under the applicable Pricing Plan. If the kWh calculation is net negative, the Company will purchase the net kWh from the Customer at the MGC. Time of use bi-directional metering is not available.
 - ii) ~~Separate bill method~~: All purchases and sales shall be treated separately with revenues from sales to the Customer calculated under the applicable Pricing Plan, and the purchase of power from the Customer at the MGC.
 - iii) ~~Net metering method~~: Applicable only where the Customer has a single solar to electricity or wind to electricity conversion system of AC electrical peak capability of 10 kW or less and meets all qualifications. The kWh sold to the Company shall be subtracted from the kWh purchased from the Company. If the kWh calculation is net positive, the Company will sell the net kWh to the Customer under the applicable Pricing Plan. If the kWh calculation is net negative, Company will carry the kWh forward and credit the net kWh of the next billing cycle. All negative kWh credits will be zeroed out annually after the January billing cycle.

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Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: PRS-101
Effective: December 1, 2008
Page No.: 2 of 2



**Pricing Plan PRS-101
Non-Firm Power Purchase from Renewable Energy Resources
and Qualifying Cogeneration Facilities of 100 kW or Less
Capacity**

A UniSource Energy Company

Separate Qualifications for Net Metering

- (a) Service under this method shall be limited to 500 kWp (p=peak) aggregate Customer per calendar year.
 - (b) Installed solar to electricity or wind to electricity conversion system shall meet IEEE 929 standard, local, and National Electrical Code requirements.
 - (c) Installation shall be complete six months from pre installation approval; thereafter, Customer must re-apply.
 - (d) Time of use net metering is not available.
- 4) The applicable Pricing Plan shall apply for all energy billed which is supplied by the Company to the Customer.
- 5) The Company may require a written contract and a minimum term of contract.
- 6) This Pricing Plan is not applicable for Customers with certified renewable generating capacity of over 100 kW. However, for such capacity the Company shall enter into individual agreements.

FOR DIRECT ACCESS: ARIZONA INDEPENDENT SCHEDULING ADMINISTRATOR (AISA) CHARGE

A charge per kWh shall, subject to FERC authorization, be applied for costs associated with the implementation of the AISA in Arizona.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file with the Arizona Corporation Commission shall apply where not inconsistent with this pricing plan.

ADDITIONAL NOTES

Additional charges may be directly assigned to a customer based on the type of facilities (e.g., metering) dedicated to the customer or pursuant to the customer's contract, if applicable. Additional or alternate Direct Access charges may be assessed pursuant to any Direct Access fee schedule authorized.

RELATED SCHEDULES

Schedule MGC 1 - Market Generation Credit (MGC) Calculation

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: PRS-101
Effective: December 1, 2008
Page No.: 2 of 2



Special Residential Schedule No. 208 Heating, Cooling & Comfort Guarantee

A UniSource Energy Company

AVAILABILITY

In all territory served by Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the premises served. Access to the meter during normal working hours is also a prerequisite for this Schedule.

APPLICABILITY

To single phase or three phase (subject to availability at point of delivery) electric service in individual residences as described in current program details when all service is supplied at one point of delivery and energy is metered through one meter. Additionally, this Schedule requires that the Customer's home be certified by the Company as a Heating, Cooling & Comfort Guarantee Home.

WRITTEN GUARANTEE

The Customer may subscribe to any of the Company's applicable Residential schedules. Pursuant to this Schedule No. 208, the customer receives a Guarantee, the average kWh usage for heating and cooling the home each year shall not exceed the annual kWh consumption resulting from a detailed engineering simulation of the home. The Guaranteed amount will be calculated under Special Residential pricing plan R-201AN or Residential pricing plan R-01 for the kWh associated with the guaranteed heating and cooling usage as described in the Guarantee which covers only heating and cooling kWh usage in the home and does not apply to energy use from other electrical devices. The Guarantee is applicable for a minimum period of three years from the date thereon. Additional terms and conditions are set forth in the written Guarantee.

RULES AND REGULATIONS

The standard Rules and Regulations of the Company as on file from time to time with the Arizona Corporation Commission shall apply where not inconsistent with this Schedule.

CANCELLED

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: R-208
Effective: December 1, 2008
Page No.: 1 of 1



RIDER 17
GreenWatts PRICING PLAN

A UniSource Energy Company

AVAILABILITY/APPLICABILITY

GreenWatts is a Pricing Plan available to all Customers in all territory served by Tucson Electric Power Company at all points where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the premises served.

PRICING PLAN

A participating Customer under the GreenWatts Pricing Plan will be charged a monthly before tax premium to the Customer's existing TEP Pricing Plan according to the following schedule:

_____ First twenty kWh block of energy @ _____ \$2.00
_____ Each additional twenty kWh block of energy @ _____ \$1.50

The number of twenty kWh blocks purchased is at the discretion of the GreenWatts Customer and is subject to the conditions of service described below.

CONDITIONS OF SERVICE

- Revenues from GreenWatts will be devoted to the cost of building, operating, and maintaining new solar power sources in the State of Arizona.
- The total kWh under subscription cannot exceed the Customer's minimum monthly consumption during the prior twelve months. For a Customer with an insufficient billing history, subscription is limited to a total of four twenty kWh blocks per month.
- The GreenWatts Customer is responsible for the premium payment for the subscribed number of blocks, regardless of the level of consumption in any given billing period.
- Customer must contact TEP to cancel or change subscriptions to GreenWatts. Any change or cancellation of subscription shall take effect in the succeeding billing period.
- All provisions of the Customer's current applicable rate schedule will apply during service under GreenWatts.
- Energy provided under GreenWatts will be generated by landfill gas from Tucson area landfills, displacing the burning of coal in a Tucson area power plant, and will be blended with solar power sources as solar power sources are constructed. The total amount of energy sold under GreenWatts shall not exceed the combined capacity of TEP's landfill gas facilities and solar power sources.
- Energy generated for GreenWatts will be delivered to TEP's distribution grid for general distribution.
- The premium charged for GreenWatts does not represent the sale or lease of generation assets.

TAX CLAUSE

To the charges computed under the above rate, including any adjustments, shall be added the applicable proportionate part of any taxes or governmental impositions which are or may in the future be assessed on the basis of gross revenues of the Company and/or the price or revenue from the electric energy or service sold and/or the volume of energy generated or purchased for sale and/or sold hereunder.

Filed By: Raymond S. Heyman
Title: Senior Vice President, General Counsel
District: Entire Electric Service Area

Tariff No.: Rider 17
Effective: December 1, 2008
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BEFORE THE ARIZONA CORPORATION COMMISSION

COMMISSIONERS

GARY PIERCE - CHAIRMAN
BOB STUMP
SANDRA D. KENNEDY
PAUL NEWMAN
BRENDA BURNS

IN THE MATTER OF THE APPLICATION OF) DOCKET NO. E-01933A-12-____
TUCSON ELECTRIC POWER COMPANY FOR)
THE ESTABLISHMENT OF JUST AND)
REASONABLE RATES AND CHARGES)
DESIGNED TO REALIZE A REASONABLE)
RATE OF RETURN ON THE FAIR VALUE OF)
ITS OPERATIONS THROUGHOUT THE STATE)
OF ARIZONA.)
)

Direct Testimony of

David F. DesLauriers

On Behalf of

Tucson Electric Power Company

July 2, 2012

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2 I. Introduction and Summary1
3 II. TEP's Current Rate Offerings4
4 III. Black & Veatch's Review of TEP's Current Rates7
5 IV. Current Industry Conditions Challenging TEP Rates in the 21st Century10
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7 VI. Summary of Findings and Recommendations for TEP's Rates.....18

8

9 **Exhibits**

10 Exhibit DFD-1 Resume – David DesLauriers
11 Exhibit DFD-2 F-Statistic
12 Exhibit DFD-3 Monthly Average Marginal Costs
13 Exhibit DFD-4 F-Statistic Seasonal Results 2012-2014
14 Exhibit DFD-5 Summer Hourly Marginal Cost
15 Exhibit DFD-6 Winter Hourly Marginal Cost
16 Exhibit DFD-7 F-Statistic TOU Results 2012-2014
17 Exhibit DFD-8 PPFAC Rate Determination

1 **I. INTRODUCTION AND SUMMARY.**

2
3 **Q. Please state your name and address.**

4 A. My name is David F. DesLauriers. My business address is 200 Wheeler Road,
5 Burlington, Massachusetts, 01803.

6
7 **Q. By whom are you employed and what are your duties and responsibilities?**

8 A. I am employed by Black & Veatch Corporation ("Black & Veatch") as a Director in its
9 Management Consulting Division. In this capacity, I direct consulting services
10 engagements for Black & Veatch in ratemaking matters for regulated electricity, oil &
11 liquid pipelines, and natural gas transmission and distribution systems. Black & Veatch's
12 Management Consulting Division is a national consultancy that provides regulatory
13 support and ratemaking services to electricity, natural gas, water, and oil & liquid
14 pipeline utilities throughout North America.

15
16 **Q. Please describe your educational background.**

17 A. I graduated from the College of the Holy Cross, Worcester Massachusetts in May of 1985
18 with a Bachelor of Arts degree in Economics. In May 1990, I earned an M.B.A. -
19 Awarded with Distinction, from Babson - F.W. Olin Graduate School of Business
20 Management in Wellesley, Massachusetts.

21
22 **Q. Please describe your professional and educational background.**

23 A. I have been an advisor to the utility and energy industry for over 20 years. During that
24 time, I have advised regulated and competitive energy and utility companies on
25 regulatory policy, cost allocation and rate design, regulatory economics and ratemaking
26 topics, management practice, regulatory compliance, regulatory due diligence of merger

1 and acquisition transactions, and utility/energy market planning. I have critiqued cost
2 allocation studies for utility distribution and transmission companies, prepared cost
3 allocation studies, and conducted numerous regulated rate design analyses.

4
5 Prior to joining Black & Veatch, I held positions of Senior Manager with KPMG's
6 Utilities Advisory practice and as Executive Consultant with Stone & Webster
7 Management Consultants, Inc. (Shaw Group). In these positions, I advised energy and
8 utility companies on various market, finance, and regulatory issues. I entered the utility
9 advisory field directly out of graduate school by joining The Columbia Group, Inc. a
10 consulting firm specializing in utility regulatory and rate analysis where I undertook rate
11 analyst responsibilities as Senior Consultant - Rates and Regulatory. My resume, which
12 provides a more complete description of my educational and employment background
13 and testimony history, is attached as Exhibit DFD-1.

14
15 **Q. Have you previously testified before any regulatory agencies?**

16 A. Yes. I have testified before the Federal Energy Regulatory Commission ("FERC"),
17 Pennsylvania Public Utilities Commission, Connecticut Department of Public Utility
18 Control, New Jersey Board of Public Utilities, and the British Columbia Utilities
19 Commission on these topics. I have submitted rate related reports and studies to the
20 Hawaii Public Utilities Commission and Manitoba Public Utilities Board. Please see
21 Exhibit DFD-1 for details.

22
23 **Q. On whose behalf are you testifying in this proceeding?**

24 A. I am testifying on behalf of Tucson Electric Power Company ("TEP" or "Company").
25

26 **Q. What is the purpose of your Direct Testimony in this proceeding?**

27 A. My testimony supports: (1) the appropriateness of TEP's rate change proposals in light of

1 current industry trends and sound ratemaking principles; (2) our recommended seasonal
2 Time-of-Use (“TOU”) periods; and, 3) our recommended changes to the Purchased
3 Power and Fuel Adjustment Clause (“PPFAC”) calculation and the manner in which TEP
4 collects its fuel and purchased power costs.
5

6 **Q. Could you please summarize your Direct Testimony?**

7 A. Yes. Sweeping economic and technological change is reshaping the energy industry
8 and, in turn, placing new emphasis on both utilities and regulators to respond in a
9 responsible manner. One area where this response should occur is the changes utilities
10 make to their rates. I believe opportunities exist to simplify and streamline TEP’s current
11 set of rate offerings in order to further align them with the utility industry’s current
12 ratemaking trends and established ratemaking principles. The specific rate changes
13 proposed in Mr. Craig Jones’ direct testimony are an appropriate first step along this path
14 of change. In addition, I recommend and sponsor proposed changes to TEP’s current
15 seasonal and TOU periods so that rates with these features will properly reflect cost
16 causation and provide better price signals to consumers. I also recommend and sponsor
17 proposed changes to TEP’s current PPFAC calculation that I believe provides clearer
18 price signals to customers and recovers these costs in the same manner they are incurred.
19

20 **Q. Please summarize what you are recommending.**

21 A. I am recommending simplifying TEP’s rate offerings and reducing the number of
22 offerings. Many of TEP’s current offerings are frozen and outdated. TEP’s rates need to
23 be modernized to address the challenges facing it and the electric utility industry in the
24 21st century. Also, I am recommending two seasons for TEP’s rates: a summer season
25 from May through September and a winter season from October through April. I am
26 further proposing two TOU periods: on-peak and off-peak. These periods will change
27 from summer to winter. I will explain the basis for how I determined the rate

1 differentials from summer to winter and from on-peak to off-peak. Finally, I recommend
2 that all base fuel and purchased power costs be charged through TEP's PPFAC – with
3 seasonal and TOU differentials all reflected in the PPFAC rates charged to customers. I
4 explain how my recommended changes are consistent with the principles critical to
5 ensuring a just and reasonable rate design for all classes of customers.
6

7 **II. TEP'S CURRENT RATE OFFERINGS.**

8
9 **Q. Have you reviewed TEP's rates and tariffs?**

10 A. Yes. Based on my review, I will discuss some of my observations as they relate to
11 modifying TEP's rates for its residential, general service, and large power customers.
12

13 **Q. Please summarize TEP'S current residential rate offerings.**

14 A. Table 1 below summarizes TEP's current residential rate offerings¹:
15

¹ Residential customers comprise over 86% of the Company's retail customer base.

1
2
3
4

Table 1
Summary of Residential Rate Offerings - TOU and Regular (Non TOU) & Other Features

Residential Rate Offerings	Count	Description
TOU – Open	11	Rates 201BN, 06-201B, 8-201B, 201CN, 06-201C, 08-201C 06-70, 08-70, 70NB, 70NC, 70ND
TOU - Frozen	11	Rates 21F, 04-21F, 05-21F, 06-21F, 08-21F, 70F, 04-70F, 05-70F, 201BF, 05-201BF, 201CF
Residential TOU - Subtotal	22	
Non TOU - Open	6	Rates 01, 06-01, 06-201A, 08-01, 08-201A 201AN
Non TOU - Frozen	5	Rates 04-01F, 02, 05-201AF, 201AF
Residential Non TOU - Subtotal	11	
Total Residential Rates	33	
Open Residential – Subtotal	17	
Frozen Residential - Subtotal	16	
Other Features in Residential Rate Offerings		
Classifications - Residential	3	Regular, Special, Lifeline
Lifeline Discounts	4	Discounts 4,5,6,8
		4- Senior, 5-Lifeline, 6-Lifeline, 8-Medical
TOU Lifestyle Periods	3	Rate 70N – Wk'd Shoulder, Wk'd Peak, Wk'd No-Peak
Rate Blocks	3	Flat and Increasing block (3) rates
Seasons	6	Summer, Winter, Mid-Summer, Remaining Summer, Summer Shoulder

5
6
7
8
9
10

Q. What observations do you make about TEP's set of residential rates currently in place?

A. As the table shows, TEP offers a set of TOU and regular (Non TOU) rates across five schedules (Rates 01, 02, 21, 70, and 201). TEP further separates its offerings into three classifications: Regular, Special, and Lifeline. Among its Lifeline rates, it offers four

1 separate discounts (for customers 65 years of age or older, low income customers,
2 existing customers under frozen lifeline rates, and low income customers on life-support
3 devices or with specific medical conditions). Among its TOU offerings, TEP offers three
4 different Lifestyle periods, and these differ depending on how weekends are treated for
5 peak pricing purposes. Among its residential rate offerings, TEP also maintains up to
6 five separate seasonal definitions in rates. Finally, TEP maintains a number of frozen
7 rates; in fact, the number of frozen rates (16) is nearly two-thirds of its entire set of
8 individual rate offerings.² TEP's total number of individual residential rate offerings is
9 33, but the number of rate variations is well over a hundred, considering net-metering and
10 Community Solar variations. The number of rate offerings and variety of service choices
11 and combinations to customers is significantly higher than what most similarly-sized-
12 and-situated electric utilities offer. Further, the rates are in some cases overly complex
13 and use inconsistent definitions for cost causation in defining seasonal and daily-peak
14 periods.

15
16 **Q. Please describe the Company's General Service ("GS"), Large Light & Power**
17 **("LLP") and Large General Service ("LGS") Offerings.**

18 A. TEP currently offers a total of eight different GS (across Rates 10, 11, 76F & 76N) and
19 LGS rates (across Rates 13, 85AF, 85F & 85). Four out of these eight rates are frozen.
20 Among these rates five are TOU and three are non-TOU. The Company also offers four
21 LLP (Rates 14, 90AF, 90F and 90N) of which two are currently frozen and two are TOU
22 rates. Additionally the Company offers six additional water pumping, lighting or
23 municipal rates (across Rates 31, 40, 41, 43, 50 & 51). Some of the LGS and LLP rates
24 contain demand rate components. Many of these 18 different rates are multiplied by net-
25 metering options and Community Solar variations.

² Individual sets of rates have been frozen for varying periods of time so that their vintage is mixed.

1 **Q. Please briefly describe how the Company currently recovers its fuel and purchased**
2 **power costs.**

3 A. The Company currently recovers on average 2.89 cents/kWh of fuel costs in its base rates
4 (although the amount varies by rate schedule), with any amounts the Company incurs
5 above or below that amount flowed through the PPFAC.
6

7 **III. BLACK & VEATCH'S REVIEW OF TEP'S CURRENT RATES.**
8

9 **Q. Has Black & Veatch reviewed TEP's current rate offerings?**

10 A. Yes.
11

12 **Q. Please describe this review.**

13 A. TEP engaged Black & Veatch in March of 2012 to conduct a comprehensive review of its
14 current set of rate offerings. Using our thorough understanding of utility costing,
15 ratemaking concepts and our knowledge of industry ratemaking trends, we evaluated
16 TEP's preliminary proposals to determine what rate changes to ultimately recommend.
17 TEP also asked us to review other technical aspects of its rates, including evaluating
18 hourly marginal cost patterns to determine the appropriate on-peak and off-peak periods
19 for TOU rates; and to evaluate and recommend as appropriate changes to its current rate
20 treatment of fuel, variable purchased power, and other variable production costs.
21

22 **Q. What steps did Black & Veatch undertake to perform its rate review?**

23 A. Black & Veatch worked closely with TEP's rate and regulatory management team to
24 develop a thorough understanding of the full scope of rate offerings and history behind its
25 current set of retail rates. We reviewed TEP's system load and cost characteristics and
26 underlying analyses supporting current rates. We reviewed relevant recent regulatory
27 orders issued by the Commission pertaining to TEP's current retail rates. We worked

1 closely with TEP staff to establish the Company's rate design goals and objectives, and
2 discussed other qualitative aspects of its current rate design that were important to
3 consider. We reviewed the proposed set of rate changes that TEP had considered up to
4 that point and opined as to whether the Company's proposed changes were consistent
5 with sound ratemaking principles and with industry ratemaking trends. Finally, we
6 worked closely with the Company's financial and regulatory staff to review TEP's load
7 patterns and fuel and purchased power cost recovery.

8
9 **Q. What are Black & Veatch's findings and recommendations based on its review?**

10 A. We found that many of TEP's current rates could be adjusted or modified in order to
11 improve alignment with current industry ratemaking principles and trends we consider to
12 be important. Our recommendations were intended to be closely aligned to the following
13 principles:

- 14 • Administrative Simplicity
- 15 • Rate Equity - Non-Discriminatory
- 16 • Cost of Service & Rate Efficiency
- 17 • Opportunity to Earn Allowed Return
- 18 • Gradualism & Rate Continuity

19
20 We also concluded that to streamline, simplify, and modernize TEP's rates, as TEP is
21 proposing here, is a necessary first step for the Company. TEP's proposals, in other
22 words, will position it to successfully meet the challenges of a 21st century electric utility.

23
24 We also conducted an analysis to modernize the TOU periods and seasonal differentials
25 for these updated rates. Our analysis showed that, based on our review of projected cost
26 patterns, there should be two seasons built into rates: a summer season that lasts from
27 May through September; and a winter season from October through April. Building on

1 those seasonal definitions, we determined the following:

- 2 • The summer on-peak period should be from 10:00 a.m. to 9:00 p.m.; and,
- 3 • The winter season, the on-peak periods should be from 6:00 a.m. to 10:00 a.m.,
4 and from 5:00 p.m. to 9:00 p.m.

5
6 Further, we recommend having only an on-peak rate and an off-peak rate for each of the
7 two seasons

8
9 We also recommended that TEP remove any fuel costs from its base rates and collect all
10 fuel and variable purchased power costs and other variable production expenses from the
11 PPFAC. This means that the seasonal and TOU differentials I summarize in the rate
12 recommendations section (Section VI) will be reflected in the PPFAC rate, not the base
13 rate. I will explain why this is appropriate in the final section of my direct testimony. We
14 also believe having different PPFAC rates for those customers who take service from 138
15 kV and above is appropriate and is justified.

16
17 **Q. How is the rest of your testimony organized?**

18 **A.** I will first discuss the challenges electric utilities have faced as it relates to designing
19 rates to deal with the new realities of a slower rate of growth and the demands placed
20 upon them such as the need to replace aging infrastructure, meet new emissions
21 requirements, introduce renewable sources of power, and other demands that are
22 explained more fully in the following section. I will then discuss ratemaking principles
23 that Black & Veatch applied in its review of TEP's current rates. Finally, I will present
24 and summarize specific rate changes that I recommend.

1 **IV. CURRENT INDUSTRY CONDITIONS CHALLENGING TEP RATES IN THE**
2 **21st CENTURY.**

3
4 **Q. Please summarize some of the principal industry conditions that you believe have**
5 **had a significant influence on the utility industry and in shaping current rate trends.**

6 A. The past few years have presented almost unprecedented challenges to the utilities and
7 energy industries. During this time, economic activity slowed dramatically and economic
8 conditions continue to be weak. Although reduced energy demand has dampened the
9 need for new capacity and related infrastructure, aging generation plants and distribution
10 and transmission systems continue to present significant investment requirements to
11 maintain safe and reliable service and to replace aging infrastructure. Requirements to
12 meet renewable portfolio standards ("RPS"), expensive environmental and emissions-
13 related requirements, and shifting demand profiles all add to the industries' near-term
14 investment needs. Very few utilities in the United States are immune from these
15 sweeping conditions.

16
17 **Q. How have these conditions impacted the electric utilities?**

18 A. Many utilities' balance sheets have suffered the effects of lagging revenue recovery
19 through rates during this time. This is primarily because of extended or insufficient rate
20 recovery of capital investments, or due to rate caps that have expired. Against this
21 backdrop, technology advancements such as smart grid and smart grid-enabled products
22 (behind the meter) provide new opportunities for utilities and customers to benefit from
23 reliability, operational, and cost benefits. These 21st-century trends in aggregate have
24 created a critical need for utilities to implement measures to reduce elongated rate
25 recovery periods and to stabilize revenue flow. I believe the following factors will
26 significantly impact the near-term and medium-term outlook for the utility and energy
27 industries

1 Q. Please briefly discuss each of these impacts.

2 A. I have categorized these impacts into three categories:

3
4 Economic Recession: A major impact of the current recession is that utility load growth
5 projections - even after recovery - are now lower. The “new normal” according to *Black*
6 *& Veatch’s 2011 Strategic Directions Survey* is that nearly 70 percent of the 700
7 respondent utilities surveyed expect long-term annual load growth to be on average less
8 than 1.5% compared to 2.5-3.0% for the period 2002-2008, and higher growth rates in
9 earlier decades.³ Further, when asked how concerned should the utility industry be about
10 sales levels of the next five years and their effects on balance sheets and debt coverage,
11 nearly 80% of the respondents replied they were “concerned” or “very concerned.”⁴
12 Future costs must spread over fewer billing units resulting in higher rate increases all else
13 equal.

14
15 Environmental Needs and Changing Resource Mix: Federal environmental requirements
16 related to the regulations of power plant emissions have placed significant capital
17 expenditure requirements upon many utilities, including TEP, in future periods.
18 Additionally, state policy initiatives related to renewable and energy efficiency standards
19 will require many utilities to incur significant costs going forward. For example, with
20 respect to environmental regulations, the capital cost of installing selective catalytic
21 reduction (“SCR”) technology under Environmental Protection Agency’s Regional Haze
22 rule at the San Juan Generating Station will cost TEP between \$180 million and \$200
23 million. As TEP witnesses David G. Hutchens and Michael J. DeConcini describe in
24 their direct testimonies, TEP currently predicts the compliance costs will total
25 approximately \$300 million, with incremental annual operations and maintenance

³ Black & Veatch, 2011 Strategic Directions in the Electric Industry - Survey Results, page 19, 2011.

⁴ Black & Veatch, page 20.

1 expenses ranging from \$10-to-\$17 million annually. The lack of certainty regarding
2 federal carbon policy complicates utilities efforts to plan for some of these longer-term
3 investments. As of January 2012, nearly 40 states have a renewable portfolio standard in
4 place that requires utilities to procure (or set as a goal to procure) a certain minimum
5 percentage of their generation supply sources from renewable resources (including wind,
6 solar, and possibly other sources).⁵ For Arizona, the renewable requirements are 15% by
7 2025⁶ and energy efficiency requirements are 22% by 2020, which both place new
8 investment requirements on electric utilities. TEP plans to invest approximately \$30 per
9 year for renewable generation. The Company currently has a proposal pending
10 Commission approval⁷ that would set energy efficiency spending at approximately \$28
11 million from October 2012 through December 2013.

12
13 Smart Grid and Related Technological Advances: Many utilities across the country are
14 beginning to consider, or invest in, smart grid technology. Although there is no single
15 industry accepted definition of smart grid, it essentially refers to a range of new
16 technologies that offer reliability, operational, efficiency, security, price and other
17 benefits delivered through electric grid modernization. Programs such as dynamic
18 pricing made possible through hourly retail metering, for instance, could provide new
19 opportunities for customers to shift energy consumption and reduce the utility's overall
20 energy production costs. Demand response programs that use technology and price
21 signals to shift load at the grid level have also emerged in recent years as a tool to shave
22 peak prices and provide second-level order benefits.⁸ Federal stimulus through smart
23 grid investment grants, originally authorized through the American Recovery and

⁵ Energy Information Agency, "Most States Have Renewable Portfolio Standards," February 2012.

⁶ Arizona's Renewable Portfolio Standard targets 15% by 2025; Docket Number RE-00000C-05-0030, Appendix A, page 11.

⁷ Docket No. E-01933A-11-0055.

⁸ Ernst Orlando Lawrence Berkeley National Laboratory, "Demand Response in U.S. Electricity Markets: Empirical Evidence", June 2009, Berkeley, CA.

1 Reinvestment Act of 2009, provided some impetus to smart grid investment. Since that
2 time, the Department of Energy has provided over \$3 billion in matching grant funds for
3 some utilities to invest in smart grid projects. FERC promulgated new rules that address
4 demand response in wholesale markets (Order Nos. 719 and 745).

5
6 Although utilities' plans for adopting smart grid technologies may differ and challenges
7 to full implementation still exist, it is expected that these programs will continue to
8 receive attention by utilities, regulators, and consumers as technologies evolve and
9 benefits begin to be realized.

10
11 **Q. How do these conditions affect considerations for designing electric rates today?**

12 A. The changing utility and energy landscape shaped by these and other conditions are
13 forcing utilities to re-evaluate their role as they enter a period of heightened change and
14 uncertainty. Customers expect highly reliable and efficient, yet low-cost, utility service
15 that offers access to cleaner sources of energy. However, these benefits can only be
16 realized if customers are actively involved with their local utility in making purchasing
17 decisions. As a result, utilities must address heightened customer expectations for value,
18 service and choice, along with the challenges of lower economic growth. Consequently,
19 there is a pressing need to modernize and update their rates to meet this 21st century
20 demands.

21
22 **Q. How are utilities responding to these business challenges?**

23 A. Utilities are implementing new rate designs and mechanisms to respond to these
24 challenges. This includes automatic adjustment clauses, rate riders, revenue decoupling
25 mechanisms, infrastructure cost recovery mechanisms, and other innovative rate
26 approaches that promote service reliability, more timely recovery of fixed costs, and
27 longer-term stability of revenues. These approaches permit the utilities to attract capital

1 and make necessary investments in new and replacement infrastructure.
2

3 Other approaches work “at the meter” to provide clearer price signals and empower
4 customers to improve efficient use of power and control how much they pay. For
5 instance, Advanced Metering Infrastructure (“AMI”) will permit use of dynamic and real-
6 time pricing at the retail meter; technologies such as smart thermostats and smart
7 appliances will make managing consumers’ bills an easier process. The success of these
8 measures, however, depends on the utility having a well-conceived set of delivery rates
9 that must be clear, transparent, and easy to understand.
10

11 V. RATEMAKING PRINCIPLES THAT BLACK & VEATCH APPLIED IN ITS
12 REVIEW.
13

14 Q. Please describe the key rate design principles that are important when evaluating
15 rate options for utilities.

16 A. The key principles we relied upon in our rate review for TEP drew heavily upon the
17 “Criteria of a Sound Rate Structure” developed by James Bonbright in Principles of
18 Public Utility Rates:⁹
19

20 Administrative Simplicity - This principle requires prices be reasonably simple to
21 administer and for customers to understand. Customers should be able to understand
22 the price signals provided by the bill and respond to those signals efficiently.
23

24 Rate Equity & Non-Discrimination – This concept requires that prices should be
25 designed to be just and reasonable and avoid undue discrimination. Having rates that
26 reflect cost causation and the recovery of costs that arise from customers taking utility
27 service promotes equity and non-discrimination.
28

29 Cost of Service and Rate Efficiency- This principle establishes that one should design
30 rates that recover the utility’s total revenue requirement without undue subsidies

⁹ Principles of Public Utility Rates, Second Edition, James C. Bonbright, Albert L. Danielson, David R. Kamerschen, Public Utility Reports, Inc., 1988.

1 between consumers and rate classes. Costs that are aligned with causation promote
2 economically and technically efficient rates. Economically efficient rates: a) promote
3 good decision-making by the utility and its consumers; b) foster efficient expansion
4 of system capacity for production, transmission and distribution; c) result in efficient
5 capital investment in customer facilities; d) and facilitate the efficient use of existing
6 utility resources.

7
8 Opportunity to Earn Allowed Rate of Return – This principle holds that the utility
9 should have rates designed to provide a reasonable opportunity to recover the utility’s
10 allowed return based on the cost of service in the Rate Effective Period and beyond.¹⁰

11 A utility that earns a reasonable return is able to attract capital at market level costs so
12 that it can invest in providing safe and reliable service to customers while maintaining
13 reasonable cost levels. This principle includes revenue stability, meaning a utility’s
14 ability to reasonably predict revenue levels in order to attract capital and invest in its
15 system.

16
17 Gradualism & Rate Continuity- This principle holds that rates should be changed in
18 such a way as to avoid undue customer bill impacts and excessive changes in rate
19 levels. The only exception to this principle occurs when a regulatory agency must
20 cure undue discrimination.

21
22 **Q. How should these principles be applied?**

23 A. One should take all of these principles under consideration in order to strike the right
24 balance between them when designing rates. Cost of service should be used as a guide in
25 designing rates but is not the only consideration. An effective rate design process
26 considers qualitative factors such as economic conditions, regulatory and governmental
27 policy, rate history, value of service, and competitive conditions. In short, because
28 designing rates is as much art as it is science, one must use professional judgment.

29
30 **Q. Do you believe that opportunities exist for TEP’s current rates to be further aligned
31 with these principles?**

32 A. Yes. There are opportunities to modernize and consolidate rate schedules that will better
33 reflect these principles. Consider each the following:
34

¹⁰ Rate effective period defined as the first 12 months after new rates take effect.

1 Administrative Simplicity – The sheer number of variations in rate offerings makes it
 2 difficult for customers to easily discern which rate is a best fit for their usage profile and
 3 other needs, and to reasonably predict the level of their monthly bills. Adding to the
 4 challenge is the complexity of certain of TEP’s current rates. For instance, Rate R-70N-
 5 D has no less than five different seasonal periods, three consumption blocks, and
 6 differing daily-peak period definitions by season. Such a design could challenge even the
 7 more sophisticated utility customers who carefully try to manage their usage and control
 8 their bills by monitoring their consumption. The Company estimates it spent over \$625
 9 per customer to set up some of its more complex residential rates, not including
 10 additional resources are required to administer those rates. Opportunity exists to
 11 streamline the number of rate offerings and lower the administrative burdens associated
 12 with managing those offerings.

13
 14 Rate Equity – Customers with similar cost profiles are paying significantly different bill
 15 amounts for essentially the same level of service.

16
 17 Table 2 below compares a typical residential bill under different residential rate
 18 schedules.

19
 20 **Table 2**
 21 **TEP Rate Comparison for System Average Residential Use (Excluding PPFAC)**
 22

Rate Schedule	R-01 Regular Use	R-06-01 Lifeline	R-04-01F Senior Lifeline	R-05-01F Lifeline	R-08-01 Lifeline
Annual Bill	\$981.33	\$858.45	\$755.34	\$870.10	\$639.04
Percent of Regular Use		87.5%	77.0%	88.7%	65.1%

23 This table shows that a significant difference among bills for residential customers exists
 24 - even among lifeline customers. A similar conclusion applies to the special residential

1 rate family. This problem is compounded when reviewed within the context of TOU
2 rates, where customers with similar load characteristics have different rate forms and
3 different definitions of cost periods. When cost periods differ from the periods based on
4 actual costs, rates violate the cost of service principle discussed below. Finally, the
5 existence of multiple rates creates added risk associated with customer migration among
6 rate schedules, leading to earnings erosion between rate cases and the failure to provide
7 the utility with a reasonable opportunity to earn its allowed rate of return.

8
9 Cost of Service and Rate Efficiency – Some of TEP’s current rates are not cost-based
10 with respect to the residential and small general service rate classes. For instance, the set
11 of TOU rates that use multiple TOU periods do not reflect TEP’s underlying system cost
12 characteristics since distribution costs do not vary with time of day or usage. The
13 variations of Lifeline discounts for customers that have essentially the same cost profile
14 are another example of this situation. In addition, the proliferation of frozen rates further
15 exacerbates departures from cost since it causes multiple sets of customers with similar
16 underlying cost characteristics to have significantly different bill outcomes. As a result,
17 opportunities exist to more closely align TEP’s current rates with their underlying cost
18 basis.

19
20 Opportunity to Earn Allowed Rate of Return – TEP’s current rates as designed inhibit the
21 Company’s reasonable opportunity to earn its authorized rate of return. Its current rates
22 are designed to recover a meaningful portion of fixed costs through volumetric charges.
23 This condition creates intra-class cost subsidies with general service customers
24 subsidizing smaller customers. This condition also obscures price signals to customers.
25 These factors can promote inefficient customer purchasing choices, which can lead to
26 inefficient investment choices on the part of the Company. In addition, this weighting of
27 recovery of fixed costs through volumetric charges places undue risk of revenue recovery

1 onto the Company.
2

3 Stability in Revenues – As mentioned earlier, utilities are entering a new period of
4 increased investment in order to meet their future opportunities and challenges. A rate
5 design that provides for insufficient revenue stability interferes with the Company's
6 ability to attract capital, invest, and provide the level of value, service, and choice that
7 customers expect. Factors such as economic conditions, weather, increased energy
8 efficiency, and distributed generation all contribute to the variability in the Company's
9 sales patterns and resulting revenues. A relatively simple re-balancing of cost recovery
10 via shifting additional cost recovery to fixed charges can address the need for revenue
11 stability and provide significant customer benefits.
12

13 **VI. SUMMARY OF FINDINGS AND RECOMMENDATIONS FOR TEP'S**
14 **RATES.**

15
16 **Q. Would you please summarize your findings?**

17 **A.** Opportunities exist for TEP's current set of retail rate offerings to be more consistent
18 with the current direction of industry ratemaking trends and more closely aligned with
19 sound ratemaking principles. TEP's current rate offerings resulted from a number of
20 individual regulatory actions affecting rates that took place over the past 20 years. They
21 are outdated and need to be updated. This an opportune time to develop new rates that
22 meet the principles I described above, yet still provide ample options for customers to
23 control costs and for rates to advance policies important to the Commission. The
24 Company's proposed first steps in this filing to simplify and streamline its rate offerings
25 are appropriate. The Company's rate design proposals (as described in Mr. Jones'
26 testimony) are an imperative first step towards meeting these principles and positioning

1 the Company to re-invest in its electric system and offer the value, choice, and service
2 that customers expect from a 21st- century utility. The Commission should therefore
3 adopt TEP's rate design changes.
4

5 **1. Seasonal Definitions.**
6

7 **Q. What are you recommending be TEP's seasonal definitions for its rates?**

8 A. I recommend that TEP have two seasons in rates: (1) a winter season that lasts from
9 October through April; and (2) a summer season from May through September. All rates,
10 including TOU, will be established based on these two seasons.
11

12 **Q. When is it appropriate to have rates reflect different seasons?**

13 A. It is appropriate to do so when costs differ significantly from one season to another
14 during the year. This is referred to as the "seasonal differential." The seasonal
15 differential recognizes that system operating conditions and therefore marginal costs may
16 differ in a predictable pattern that needs to be reflected in rates to improve efficiency and
17 economic price signals. There are a number of reasons for costs differences to arise
18 based on seasons of the year.
19

20 **Q. What costs should be analyzed to determine whether having a seasonal differential**
21 **is appropriate?**

22 A. The appropriate costs to analyze are marginal costs – costs affected by changing demand
23 ("Megawatts" or "MW") and energy ("Megawatt hours" or "MWh").¹¹ By contrast,
24 average embedded costs do not change with changes in load, and are sunk costs by
25 definition. The existence of seasonal cost differences is most often driven by the mix of

¹¹ Demand costs could change at the margin to the extent that there is a congestion component in market rates.

1 fuels used to produce energy to meet the peak demands of the system, as well as the
2 intensity of those peak demands. In addition, as load on the system increases, the
3 marginal costs for a given generation unit also change based on the heat rate curve of a
4 unit. The heat rate curve shows the relationship between the fuel input per unit of rated-
5 load and the output per unit of rated-load. The heat rate curve can show when and if
6 changes in marginal costs are significant. Where the maximum demand on capacity of
7 the system differs significantly from one month to another, there may also be seasonal
8 capacity cost differentials. But one must recognize that demand on the system also
9 includes scheduled outages, unit de-ratings and unit forced outages – in addition to
10 customer load. These other factors generally represent a smaller total impact than load
11 but must also be considered in evaluating seasonal differentials related to a capacity cost
12 component.

13
14 **Q. Do other considerations impact marginal cost besides the characteristics of
15 generation on the system?**

16 **A.** Yes. TEP is an active member of the Desert Southwest wholesale market (“Market”) and
17 therefore the Company’s marginal cost is not driven solely by the resources of TEP. The
18 Company will purchase power from the Market at times when power from the Market is
19 less expensive than that from running its own generation resources. In this case, marginal
20 cost for TEP in any hour depends not only on its own generation but on generation in the
21 interconnected Market. Essentially, TEP marginal cost is based on the lower of its own
22 marginal costs or the Market’s marginal cost. The net result is that the analysis of
23 marginal cost for TEP depends on much more than the TEP system and is impacted by
24 factors such as unit availability and transmission loading for a much larger and more
25 diverse set of resources than the coal and natural gas generation owned by TEP.
26
27

1 **Q. Does TEP prepare such a detailed analysis of its costs?**

2 A. Yes. TEP develops its forecast of power costs using planning models that include not
3 only its own assets but the availability of power supplies from the Market. The results of
4 these models provide both the hourly marginal cost based on system dispatch, including
5 purchased power and the total cost of fuel and purchased power for the system. These
6 planning models are used by utilities and others to analyze costs and other applications
7 such as system planning for production capacity and transmission system related issues.
8 The planning models for TEP form the basis of the seasonal and subsequently the TOU
9 period determination discussed in my testimony.

10
11 **Q. Have you reviewed the seasonal cost differential for TEP?**

12 A. Yes. I have analyzed the seasonal energy and capacity cost differences using the
13 normalized loads and the costs for calendar years 2012, 2013 and 2014. Based on that
14 data and the subsequent analysis of marginal costs by season, the seasonal definition used
15 in current rates is not optimal. By that I mean that a different definition for summer and
16 winter is more reflective of the current and near-term cost characteristics of the TEP
17 seasons.

18
19 **Q. Please explain the analysis used to determine the seasonal cost differential.**

20 A. The fundamental consideration of the seasonal differential is to minimize the cost
21 variance within a season and to maximize the variance of costs between seasons. The
22 seasonal energy cost differential calculation uses an analysis of the average of the hourly
23 marginal costs (this includes energy and any capacity costs included in purchased power)
24 for calendar years 2012, 2013 and 2014. The analysis begins by establishing certain
25 practical constraints related to defining seasons (these are bulleted in the following
26 answer). The second step of the analysis determines the variance of costs within a group
27 of possible seasons and the variance between the seasonal options. The ratio of the cost

1 variance between seasons and the cost variance within seasons that is the largest
2 determines the best seasonal combination. This ratio is designated as the F-statistic.

3
4 **Q. Please describe the analytical model used to prepare the analysis.**

5 A. The analytical model was developed initially by Ontario Hydro and is sometimes referred
6 to as the Ontario Hydro Method. The mathematics of the model is explained in Exhibit
7 DFD-2. The model is essentially an optimization model that requires establishing some
8 reasonable external constraints on the operation of the model. Those constraints related
9 to the seasonal analysis are as follows:

- 10 • a season must consist of at least two consecutive months;
11 • a maximum number of four seasons is permitted in a year;
12 • all days within a calendar month are treated equally; and
13 • a season must begin at the beginning of a calendar month and end at the end of a
14 calendar month.

15
16 The model calculates the F-statistic for each combination tested for seasonality. Please
17 see Exhibit DFD-2 for a complete definition of the F-statistic. The best seasonal
18 alternative is the one that produces the highest F-statistic.

19
20 **Q. Please describe the results of the seasonal analysis.**

21 A. The analysis begins with a visual review of the data in order to identify a discrete number
22 of periods/scenarios to analyze. Exhibit DFD-3 provides in graphical form the average
23 monthly marginal costs for each year from 2012 through 2014. Visually it shows that the
24 summer season of May through September is generally higher in average marginal costs
25 than the other months. The month of March for 2013 and 2014 shows somewhat higher
26 marginal costs than the other months of the winter season, but that is because of the
27 scheduled maintenance of larger baseload units.

1 Exhibit DFD-4 provides the resulting F-statistics for the seasonal options based on the
2 visual inspection of the data which shows basic commonality of seasonal costs. As the
3 schedule illustrates, Scenario 1 is the most appropriate seasonal combination based on
4 energy costs. This scenario consists of a peak season made up of the months of May
5 through September for the summer season and the remainder of the year for the winter
6 season. This combination of months produces the largest value for the F-statistic for
7 2012 and 2014, two of the three years. In 2013, Scenario 2 with a mid-summer season of
8 June to August and a remaining summer season of May and September to October gives
9 a slightly higher F- statistic for the summer; but, this scenario did not provide the highest
10 F statistic for 2013 of the scenarios we tested.¹² The difference in annual marginal costs
11 between the seasons represents the maximum seasonal differential in the energy cost
12 component of the rate.

13
14 **Q. Please describe the appropriate differential in the seasonal component of the**
15 **PPFAC charge.**

16 **A.** The energy charge differential should reflect the difference in marginal costs between the
17 seasons adjusted for the losses associated with the voltage level of service. The value of
18 the differential at generation is divided by one minus the loss factor applicable to the
19 particular service schedule to produce the maximum seasonal differential. In this case, I
20 propose that TEP use two service classes for customers served at a voltage of 138 kV or
21 greater (High Voltage) and for all other customers (Low Voltage). In subsequent filings,
22 it would be appropriate to subdivide further to reflect the different loss factors for
23 different voltage levels of service such as primary and secondary.

24
25

¹² A scenario that tested June-September as summer season provided this highest F-statistic (27.33) for 2013.

1 **Q. Why is the test for seasonality based on minimizing the differential within a season**
2 **and maximizing the differential between seasons?**

3 A. As I noted above, the purpose of seasonal rates is to provide efficient price signals for
4 consumers. By minimizing the differential in marginal costs, the optimum seasons
5 combine those months with the most homogeneous cost characteristics so that the price
6 signal is appropriate for customers. This is similar to grouping customers together into
7 certain customer classes with the same load and cost characteristics. Rates are efficient
8 when they signal short-run marginal costs, and signaling costs that are as nearly the same
9 as possible provides better rates for customers. By maximizing the differential between
10 periods, we assure that the seasonal differential is as meaningful as possible.

11
12 **Q. Please summarize your recommendations related to the seasonal differential.**

13 A. The current peak season is not optimal and should be revised to reflect May through
14 September as the summer and all other months as winter. Therefore, I recommend that
15 the summer season be defined as bills issued for usage in the months of May through
16 September and winter as bills issued for usage in the other months. Further, as I will
17 explain later in my testimony, the seasonal cost differential in production costs should be
18 reflected directly and in real time to customers through the PPFAC and not through the
19 base rate components.

20
21 **2. Time-of-use periods.**

22
23 **Q. What are you recommending the TOU periods be for TEP?**

24 A. I am recommending an on-peak period from 10 a.m. to 9 p.m. for the summer. For the
25 winter, I recommend two on-peak periods: (1) from 6 a.m. to 10 a.m.; and (2) from 5
26 p.m. to 9 p.m. On-peak hours would be for weekdays only. There would also be no on-
27 peak periods during holidays as currently specified in rates.

1 **Q. Please discuss the determination of optimal TOU periods for TEP.**

2 A. Determining the optimal periods for TEP follows the same general process as
3 determining the seasonal periods and uses the same basic model – except that instead of
4 average monthly marginal costs the model uses average hourly marginal costs by month
5 as the input data. The determination of the economically efficient on-peak and off-peak
6 periods by season minimizes the variance within seasonal TOU periods and maximizes
7 the variance between seasons to produce the maximum cost based hourly differential in
8 energy costs.

9
10 **Q. Please describe the basic constraints used to develop the optimal TOU periods.**

11 A. As with the seasonal model, there are certain practical constraints that are included in the
12 model. Any TOU period must be at least two hours long. This means that on-peak,
13 shoulder and off-peak periods must have a minimum of two consecutive hours. Each
14 weekday must be treated the same as any other weekday except that holidays may be
15 treated as off-peak. The weekend days of Saturday and Sunday must be treated the same
16 for purposes of TOU periods as required by the analysis.

17
18 **Q. Please describe the first step in conducting the TOU analysis.**

19 A. As with the seasonal analysis, the process begins with a visual inspection of the hourly
20 data by season. Exhibit DFD-5 presents the results of the average hourly marginal costs
21 for the summer season (adopting the May through September period) in 2012, 2013 and
22 2014. Exhibit DFD-6 presents the results of the average hourly marginal costs for the
23 winter season in 2012, 2013 and 2014. Both the summer months and the winter months
24 have distinct hourly marginal cost patterns. In the summer, costs increase in late morning
25 and remain high throughout the day until late evening. This is a common summer load
26 shape and usually results in a long on-peak period for the summer season. The off-peak
27 period consists of late night and early morning hours. For the winter season, the hourly

1 marginal costs are high in the early morning hours and the early evening hours with a
2 significant period of lower cost hours through the middle of the day. This supports
3 having two periods of on-peak hours in the winter.
4

5 It is worth noting the higher marginal costs during mid-day in October and March (versus
6 other months in the winter period) is the result of scheduled maintenance on generation.
7 This is also not unusual from an operating perspective because the best and most cost-
8 effective time to schedule maintenance for large baseload generation plants is during
9 these shoulder months, where loads are low and the expected cost of replacement power
10 is lower as well. Further, it is not unusual for the highest marginal cost hour for a utility
11 to occur in a lower-load period when there are large maintenance outages and large
12 unscheduled outages occurring at the same time. However, it is not possible to target a
13 rate at this period simply because it is not predictable. Capturing this type of variation
14 requires some form of real-time pricing or critical-peak pricing. However, it is important
15 to begin the process of sending better price signals with the initial step of getting the
16 seasonal and TOU periods moved toward the optimal hours and seasons to determine the
17 response to these price signals before implementing more complex and costly concepts.
18

19 **Q. What is the next step for the TOU analysis?**

20 A. After reviewing the cost profiles, I used the same seasonal analysis model that I used to
21 statistically determine the optimum TOU periods for both summer and winter. As part of
22 the analysis, I tested all the current periods in the TOU rates. Intuitively, it is unlikely
23 that all these periods could be economically efficient, since the underlying cost rationale
24 for TOU rates produces only one optimal period for any utility system. Even so, I tested
25 each option against current cost considerations.
26
27

1 **Q. Please describe the results of your TOU analysis.**

2 A. Exhibit DFD-7 provides the F-statistics for all of the periods tested. Careful review of
3 the table suggests that there are slight differences in the optimal time periods for each of
4 the three years tested. This result is not unexpected given the variations in the data as
5 illustrated in the hourly marginal cost plots. Table 3 summarizes the optimum seasonal
6 TOU periods for each year.
7

8 **Table 3**
9 **Optimal Seasonal TOU Periods**
10

Year	Season	On-Peak	Off-Peak	F-statistic	Corresponding Scenario in Exhibit DFD-7
2012	May- September	10AM-10PM Weekdays	All Other Hours	2,172.38	Scenario 1
	October- April	6AM-10AM and 5PM-9PM Weekdays			
2013	May- September	10AM- 9PM Weekdays	All Other Hours	6,934.57	Scenario 2
	October-April	6AM-10AM and 5PM-9PM Weekdays			
2014	May- September	10AM- 10PM Weekdays	All Other Hours	14,765.68	Scenario 1
	October-April	6AM-10AM and 5PM-9PM Weekdays			

11
12 As a general observation, the TOU periods that included shoulder hours were all
13 significantly less efficient than the above hours.
14

15 **Q. How do you recommend that these results be applied?**

16 A. As a result of the many different TOU periods in the current rates, the first imperative is
17 to set the TOU rates with common periods, both seasonally and daily, for all customer
18 classes. The second imperative is to get the price signals for TOU rates set to reflect

1 costs. My recommended on-peak and off-peak TOU periods reflect optimal periods for
2 2013 based on the TOU analysis. Although adding an hour to the summer on-peak
3 period is more efficient in 2012 and 2014 the 2013 basis is only slightly lower than in
4 2012 and 2014. This seems to be a reasonable starting point for combining all rates.
5 Based on the response to these periods, it may be necessary to reevaluate the on-peak
6 definitions in the next rate case and adjust the period to more closely match the optimal
7 TOU periods at that time.

8
9 **Q. What is the optimal TOU price differential for the PPFAC rate for 2013 based on**
10 **the recommended TOU hours?**

11 A. The optimum differential for the summer 2012 is \$7.41/MWh for the winter of 2012 the
12 differential is \$3.21/MWh. These results are shown or may be calculated from the data
13 shown on Exhibit DFD-7, Scenario 1.

14
15 **Q. Please summarize your recommendations related to TOU rates.**

16 A. It is critically important for the Commission to recognize that seasonal TOU rates must
17 be based on marginal cost characteristics and those values are the same regardless of rate
18 class or schedule. For the TOU rates, the optimal seasons are the same as for seasonal
19 rates. I recommend that the summer period be May through September, and the winter
20 period be October through April. I also recommend that the on-peak and off-peak hours
21 be the same for every TOU rate. I recommend that the optimum hours noted above be
22 used for the on-peak periods. Finally, I recommend that the TOU price differential be set
23 for the initial rate effective period based on 2012 differentials and that the differential be
24 recalculated annually as part of the PPFAC for setting the annual fuel cost recovery rates.
25 By using real-time differentials, the rates will send better price signals to consumers as
26 compared to the current rates that use a fixed price differential between rate cases.
27

1 **3. Changes to the PPFAC – reflecting all seasonal and TOU price differentials.**
2

3 **Q. Please summarize your recommendations for the PPFAC rate.**

4 A. I recommend that any PPFAC costs be removed from base rates so that all fuel and
5 variable purchased power costs are recovered from the PPFAC. I also recommend that
6 PPFAC be stated on a seasonal basis as well as on a TOU basis for those customers
7 electing TOU rates. I also propose differing PPFAC rates for two voltage levels
8 (different rates for customers served at 138 kV and above, versus those served at voltages
9 below 138 kV).

10
11 **Q. Why do you recommend that the PPFAC costs be removed from base rates and be
12 recovered as a separate charge on customers' bills?**

13 A. Removing the PPFAC costs from base rates results in more efficient rates for customers
14 by signaling customers when the cost of fuel and purchased power changes, and by
15 allowing for a more accurate reflection of seasonal- and TOU-cost differences. By
16 removing all PPFAC costs from base rates, the PPFAC tracks cost causation more
17 accurately by customer voltage level of service, by season and, where appropriate, by on-
18 peak and off-peak. The superior price signals promote economic efficiency. The
19 customers' bill essentially becomes more unbundled because all of the production costs
20 are reflected in the PPFAC rate. This allows the customer the ability to clearly
21 understand how the costs of power change by season and by the times when power is
22 used – as well as when the changing market conditions affect the cost of fuel and
23 purchased power. The separation of fuel and purchased power costs from base rates also
24 provides a timelier and more accurate price signal. Finally, placing all such costs into the
25 PPFAC permits easier review by the Company and regulators. The resulting change
26 means that TEP will be able to recover its fuel costs more accurately throughout the year

1 and adjust the seasonal charges when significant fuel cost or market changes occur.

2
3 **Q. Can we determine what the base fuel and purchased power rates are in current**
4 **rates?**

5 **A.** Yes, the amount of fuel cost in each base rate is known. Table 4 below provides the fuel
6 in base rates for some of TEP's standard rate schedules.

7
8 **Table 4**
9 **Fuel in Base Rates- Selected Standard Rates (\$/kWh)**

10

Standard Rate	Fuel in Base Rates
Residential Service R-01	
Base Power Summer	\$0.033198
Base Power Winter	\$0.025698
Residential Service R-02	\$0.029448
Residential Lifeline Service R-01	
Base Power Summer	\$0.033198
Base Power Winter	\$0.025698
Residential Lifeline Service R-201A Frozen	
Base Power Mid-Summer	\$0.033198
Base Power Remain-Summer	\$0.033198
Base Power Winter	\$0.025698
Residential Service R-201A Frozen	
Base Power Mid-Summer	\$0.033198
Base Power Remaining-Summer	\$0.033198
Base Power Winter	\$0.025698
Residential Service R-201AN	
Base Power Mid-Summer	\$0.043166
Base Power Remain-Summer	\$0.023166
Base Power Winter	\$0.027033
Small General Service SGS-10	
PPFAC Summer	\$0.031550
PPFAC Winter	\$0.024222
Municipal Service PS-40	
PPFAC Summer	\$0.032245
PPFAC Winter	\$0.024745
GS Mobile Home Parks GS-11	
Summer kWh	\$0.028730

Winter kWh	\$0.028730
Water Pumping GS-43	
Summer kWh	\$0.029868
Winter kWh	\$0.022368
LARGE GENERAL SERVICE LGS-13	
Summer kWh	\$0.032554
Winter kWh	\$0.025054
LL&P I-14 LARGE LIGHT & POWER SERVICE	
Summer kWh	\$0.032577
Winter kWh	\$0.025077

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The table shows that the amount of fuel in base rates varies for services that are at the same voltage level of service. That is a distortion because all else being equal, those who take service at the same voltage level and under similar load conditions should have the same purchased power and fuel cost regardless of the class of service. Further, where the voltage level of service may differ as between Small General Service and LLP Service, the costs are higher for the higher service voltage class, which is inaccurate. In addition, the seasonal fuel costs for Rate Schedule 201-AN bear no resemblance to the actual fuel costs for the two summer periods – as the actual total fuel costs for the summer (3.3 cents per kWh)¹³ are well below the mid-summer value of 4.3 cents per kWh and well above the remaining-summer value of 2.3 cents per kWh. Removing all fuel costs from base rates is therefore a necessary first step to eliminate these distortions and implement efficient and equitable rates.

- Q. Please explain how fuel costs are removed from base rates.**
- A. The process begins with an interim step in rate design; each base rate component is reduced by the amount of fuel contained in the base rates. By resetting base rates without fuel, both newly proposed base rates and the PPFAC adjustment applicable to those rates can be calculated. This is done using the test-year billing determinants to remove all fuel

¹³ See Exhibit DFD-8.

1 cost, after which the current base rate revenue is then determined for each rate schedule.
2 Fuel and fuel-related costs will be established under the new PPFAC adjustment and will
3 no longer be part of the base rate revenue requirements.
4

5 This approach to the rate case is not new and is consistent with the process used by some
6 natural gas distribution companies where the cost of gas and related costs such as pipeline
7 transportation are recovered through the purchased gas adjustment.¹⁴ Similar treatment
8 for the cost of fuel and purchased power for TEP is both just and reasonable. It further
9 meets the test of being in the public interest and avoiding undue discrimination from
10 charging similarly situated customers different amounts for fuel cost. The new rates will
11 recover the cost of service excluding the costs of fuel and purchased power.
12

13 **Q. Please explain how you propose the new PPFAC adjustment will work.**

14 **A.** The new PPFAC will basically work the same as the existing PPFAC adjustment, with
15 the exception that the forward component will include the total forecast cost per kWh
16 instead of being net of a base fuel rate. The continued use of forecast costs will signal to
17 customers the magnitude of the future costs. The True-Up mechanism will remain in the
18 PPFAC, which provides for the reconciliation of recovered costs to actual costs for the
19 prior PPFAC year. It will include the same costs currently included in the PPFAC
20 calculation, including fuel and purchased power, plus carbon and lime costs (net of SO₂
21 allowance credits), as recommended in this application and discussed in Mr. Hutchens'
22 testimony. In addition, the PPFAC will include all costs associated with the purchase of
23 any renewable power supplies (fixed and variable) above the portion that is recovered
24 through the Renewable Energy Standard and Tariff surcharge (amount above the Market
25 Cost of Comparable Conventional Generation). The PPFAC Rate (the combined

¹⁴ For instance, UNS Gas Inc. and Southwest Gas Corp. have purchased gas adjustment clauses that recover the full amount of gas cost and therefore do not recover any gas costs from base rates.

1 Forward Component and the True-up Component) will be calculated for the summer
2 season and the winter season for all non-TOU rate schedules. For TOU customers, the
3 PPFAC rate will vary with on-peak and off-peak periods as well. The differential in the
4 seasonal and TOU PPFAC rates will be based on the forecast of the actual cost
5 differential by season and the marginal cost differential for the on-peak and off-peak
6 hours of the seasons

7
8 **Q. Please explain each of the calculations that will be made in the new PPFAC.**

9 **A.** For the summer months of May through September, the following values will be
10 calculated:

- 11 • For each month the total cost of generation and purchased power plus the
12 applicable prior summer period reconciliation will be calculated. This value will
13 be divided by the sum of generation and purchased power MWhs to produce the
14 PPFAC value at generation.
- 15 • The PPFAC for summer generation will be adjusted for losses at the 138+ kV
16 (high voltage) level and below 138 kV (low voltage) level by dividing the at
17 generation cost by one minus the applicable loss factor to produce the PPFAC
18 adjustment applicable to retail sales.
- 19 • The loss factors will be calculated so that the weighted average of high-voltage
20 losses and all other (low-voltage) losses produce the average retail sales level
21 losses across the system.
- 22 • Once the total summer adjustment has been calculated at generation, the on-peak
23 generation will be calculated by summing the hourly MWhs in the on-peak
24 period. Using the on-peak generation, we can calculate the off-peak generation for
25 the summer as well. We then create an algebraic formula to solve for the on-peak
26 and off-peak PPFAC at generation to recover the total summer fuel costs at
27 generation. The formula is as follows:

1
$$PPFAC_{ts} = X * MWH_{SOP} + (X - PPD_s) * MWH_{Soffp}$$

2
3 Let X equal the summer on-peak PPFAC charge.

4 Where: $PPFAC_{ts}$ equals the total summer months PPFAC,

5 MWH_{SOP} = MWhs for the summer on-peak at generation,

6 PPD_s = the peak period off-peak period differential, and

7 MWH_{Soffp} = MWhs off-peak at generation.

8
9 These values are adjusted to the retail sales level by dividing the generation level charge
10 by one minus the applicable loss factor. These calculations are contained in Exhibit
11 DFD-8.

12
13 The calculation for the winter seasonal and TOU factors follows the same process for the
14 winter months and is also illustrated in Exhibit DFD-8.

15
16 **Q. Please provide the sources of the data used in Exhibit DFD-8.**

17 **A.** The fuel costs at generation and the total generation by month are outputs from the TEP
18 system planning model and are referred to as the PPFAC Forecast. The fuel price
19 assumptions and the assumptions related to the prices for purchased power are inputs to
20 the planning model. Both system losses and high-voltage losses are values estimated by
21 TEP. Total system losses are contained in the PPFAC Forecast. The forecast high-
22 voltage level sales are based on historical month sales for Industrial and Mining
23 customers as a percent of total unadjusted sales for 2011. This data is used to calculate
24 the value for other system losses using the system losses and billing units. Sales data is
25 provided as the unadjusted test-year sales.
26
27

1 Q. Please describe the calculated values in the PPFAC as proposed.

2 A. We calculated the following PPFAC values:

3
4 **Table 5**
5 **Calculated Values in the PPFAC (\$/kWh)**
6

	Summer	Winter
On-peak charge for high-voltage	\$0.034837	\$0.030849
On-peak charge for low-voltage service levels	\$0.037417	\$0.033134
Off-peak charge for high-voltage	\$0.027146	\$0.027517
Off-peak charge for low-voltage service levels	\$0.029157	\$0.029555
Non-TOU high-voltage	\$.030795	\$.028540
Non-TOU low-voltage	\$.033075	\$.030654
Interruptible	\$.029768	\$.027588
Electric Vehicle	\$.026241	\$.026600

7
8 Each of the calculated values for high-voltage and the low-voltage levels are the charges
9 that will be applied either to standard rates or the TOU rates as appropriate.
10

11 Q. **How does the new PPFAC design incorporate cost causation and other fundamental**
12 **rate design principles?**

13 A. The new PPFAC rate design provides the appropriate real-time price signals for
14 customers based on both seasonal and TOU cost differences. The changes that are
15 reflected each season cause all customers to face the same fuel and fuel related costs.
16 Real-time price signals inform customers of the changing market and fuel price

1 dynamics, and allow for customers to respond to those changes in an efficient manner.
2 Importantly, the new process permits the seasonal and TOU charges to adjust to the
3 current cost conditions as they increase or decrease the differentials between periods.
4 This is an important element of the new PPFAC rate design because it allows the
5 Company to adjust the magnitude of seasonal and TOU differentials, rather than just
6 averaging cost changes across the entire PPFAC period. By using loss-adjusted retail
7 PPFAC factors, high-voltage customers pay their actual loss-adjusted cost of power based
8 on the losses for high-voltage, and other customers pay the loss-adjusted cost of power
9 based on their contribution to system losses. By reflecting actual costs, the new PPFAC
10 tracks cost and cost causation more accurately, and is consistent with the principle as
11 stated in several court decisions.¹⁵ Finally, as loss analysis becomes more sophisticated,
12 all rate classes can be billed based on the losses associated with a particular level of
13 service, such as primary or secondary service.

14
15 **Q. Please summarize your recommendation regarding the recovery of fuel and**
16 **purchased power.**

17 **A.** By adopting the PPFAC changes proposed herein, the Commission will eliminate undue
18 discrimination that results from charging similarly-situated customers different amounts
19 of fuel and purchased power cost. This proposal will produce just and reasonable fuel
20 and purchased power cost recovery that tracks cost causation and provides economically

¹⁵ “[I]t has been traditionally required that all approved rates reflect to some degree the costs actually caused by the customer who must pay them.” (*KN Energy, Inc. v. FERC*, 968 F.2d 1295, 1300 (D.C. Cir. 1992) (*KN Energy*)). “All approved rates must reflect to some degree the costs actually caused by the customer who must pay them. Not surprisingly, we evaluate compliance with this unremarkable principle by comparing the costs assessed against a party to the burdens imposed or benefits drawn by that party. To the extent that a utility benefits from the costs of new facilities, it may be said to have ‘caused’ a part of those costs to be incurred, as without the expectation of its contributions the facilities might not have been built, or might have been delayed.” (*Illinois Commerce Comm’n v. FERC*, 576 F.3d 470, 476 (7th Cir. 2009) (*Illinois Commerce Commission*) (citing *KN Energy*, 968 F.2d at 1300; *Transmission Access Policy Study Group v. FERC*, 225 F.3d 667, 708 (D.C. Cir. 2000); *Pacific Gas & Elec. Co. v. FERC*, 373 F.3d 1315, 1320-21 (D.C. Cir. 2004); *Midwest ISO Transmission Owners v. FERC*, 373 F.3d 1361, 1368 (D.C. Cir. 2004) (*Midwest ISO Transmission Owners*); *Alcoa Inc. v. FERC*, 564 F.3d 1342 (D.C. Cir. 2009); *Sithe/Independence Power Partners, L.P. v. FERC*, 285 F.3d 1, 4-5 (D.C. Cir. 2002) (*Sithe*); 16 U.S.C. 824d)).

1 efficient price signals for consumers. The proposed changes should be approved because
2 the resulting rates will be equitable to TEP's customers by a better balancing of all the
3 rate design principles.

4
5 **Q. Does this conclude your Direct Testimony?**

6 A. Yes, it does.

7

EXHIBIT

DFD-1

DAVID F. DESLAURIERS

Mr. DesLauriers is a Director with Black & Veatch's Management Consulting Division. He has been an advisor to the regulated utility and competitive energy industry for over twenty years. His professional experience covers the areas of regulatory policy, cost allocation, rate design, regulatory economics and ratemaking, regulatory compliance, and utility market planning. He has conducted cost allocation studies for utility delivery and transmission companies and has testified before regulatory bodies on cost allocation topics and rate design.

Professional Employment History

Director	Black & Veatch - Management Consulting Division Boston, Mass. Area <i>Rates and Regulatory Group</i>	2011- Present
Sr. Manager	KPMG LLP Boston, Mass. <i>Utility and Energy Advisory</i>	2003-2011
Executive Consultant	Stone & Webster Management Consultants (Shaw Group, Inc.) Boston, Mass. <i>Markets, Regulation & Finance Group</i>	1996-2003
Senior Consultant	The Columbia Group, Inc. Boston, Mass. Area	1990-1996

Testimony History and Formal Regulatory Involvement

Proceeding	Topic of Testimony	Regulatory Jurisdiction	Docket Number/ Proceeding Identification
Maui Electric Company	Regulatory Policy	Hawaii Public Utilities Commission	2011-0092 Report submitted with Company direct filing
SFPP, LLP (Kinder Morgan Energy Partners)	Cost Allocation	Federal Energy Regulatory Commission (FERC)	IS09-437
Centra Gas British Columbia (now Terasen Gas -Vancouver Island)	Regulatory Policy and Rate Design	British Columbia Utilities Commission	"In the Matter of the Utilities Commission Act, R.S.B.C. 1996, Chapter 473), September 2002; filed March 2003
Centra Gas Manitoba, Inc.	Rate Design	Manitoba Public Utilities	Report filed for informational purposes; matter settled outside of formal regulatory proceeding
Rockland Electric Company (Orange & Rockland)	Cost of Service and Industry Restructuring	New Jersey Board of Public Utilities	EA97060398
Connecticut Natural Gas Company	Cost of Service and Rate Design	Connecticut Department of Public Utility Control	95-02-07
Connecticut-American Water Company	Cost of Service and Rate Design	Connecticut Department of Public Utility Control	95-12-15
Philadelphia Suburban Water Company	Cost of Service and Rate Design	Pennsylvania Public Utilities Commission (PUC)	R-009533343
Pennsylvania Gas & Water Company Springbrook Division	Cost of Service and Rate Design	Pennsylvania PUC	R-00932667
Pennsylvania Gas & Water Company Scranton Division	Cost of Service and Rate Design	Pennsylvania PUC	R-00933482
Pennsylvania Gas & Water Company Crystal Lake Division	Cost of Service and Rate Design	Pennsylvania PUC	R-00922404

Relevant Experience

Regulated Utility Cost Allocation and Ratemaking

- Kinder Morgan Energy Partners - Led a comprehensive rate and regulatory study for a major west coast FERC-regulated energy company to support the Company's 2009 Test Year rate

filing. In this effort, he and his team conducted a comprehensive study of allocated General and Administrative (G&A) and direct costs and evaluated potential rate impacts. He worked closely with the company to support incorporating the study recommendations into the Company's rate filing and to support proper rate recovery of associated costs. He managed all aspects of this high-profile project that culminated in his providing expert testimony to the FERC (see next bullet).

- SFPP, LP (Kinder Morgan Energy Partners) - Mr. DesLauriers testified before the Federal Energy Regulatory Commission (Docket No IS09-437) on overhead cost allocation aspects for regulated oil pipelines in the pipeline's most recent base tariff proceeding. This testimony supported the results of a major cost allocation overhead study that he and his team conducted. Direct testimony was issued December 2009; rebuttal was issued May 2010; cross-examination held July 2010. Throughout this project he worked closely with the Company's regulatory affairs, rate counsel, and financial and accounting executives to support cost recovery of major overhead and direct costs.
- Led a project for a major regulated electric generation and distribution utility in the upper Midwest US that evaluated the utility's Renewable Energy (RE) cost recovery filing approach and preparation procedures. In this effort, Mr. DesLauriers worked with the Company's senior financial, accounting, and regulatory executives and recommended options for maintaining quality filing procedures and ensuring data integrity of its annual RE cost recovery filing. This project required in-depth knowledge of wholesale market functions, related generation and transmission cost recovery, and evolving RE Credits market aspects in the Midwest ISO region.
- Performed an overhead capitalization study for major regulated natural gas distribution utility. Study entailed developing a cost allocation methodology that identified and allocated overhead common costs to capital projects. Designed and implemented customized time and activity tool for data support.
- Led full rate design analysis and regulatory strategy review for mid-sized natural gas distribution company on Vancouver Island. Prepared full rate filing for submission to regulatory body and testified before British Columbia Utilities Commission to defend the rate filing.
- Critically evaluated the rate unbundling filing of large New York-based electric company with service territory in New Jersey. Provided recommendations for modification to filing and accompanying proposed rate design to achieve improved compliance with Board restructuring policy and other appropriate rate-setting and restructuring standards. Submitted report on findings to Board and presented expert written and verbal testimony before New Jersey Board of Public Utilities in support of recommendations.
- Evaluated regulated rate options for a large investor-owned Midwest regulated electric transmission and distribution utility facing heavy capital investment needs and deferred opex recovery.
- Worked with utility executive corps of a large regulated natural gas transmission and distribution utility to assess the policy and technical implications related to an inter-utility rate design. Designed inter-utility rate and supporting report filed with regulatory body.
- Examined large mid-Atlantic electric utilities' jurisdictional cost of service studies for rate negotiations conducted on behalf of utilities' public authority customers. Reviewed classification

and allocation methodologies, recommended variations in cost of service techniques, and estimated alternative class rates of return.

- Reviewed numerous cost of service and rate design filings of regulated natural gas and electric utility companies and provided testimony where appropriate.
- Provided market and regulatory assistance to numerous integrated utility companies facing retail deregulation in their jurisdictions.
- Annually conducts ratemaking and regulatory process training seminars for executives and staff of large regulated investor-owned electric utility.

Other Relevant Industry Experience

- Reviewed regulatory compliance aspects of trading function of major integrated global oil, energy, and liquid petroleum products producing and trading entity (confidential project). The aspects of this review focused on FERC, DOJ, CFTC, FSA and other relevant agencies' compliance requirements as they relate to energy trading activities. Reviews covered both U.S. and Global businesses.
- Served as regulatory advisor to KPMG audit teams for two of the firm's significant wholesale merchant power generators that are external audit clients. For these teams, advises as to wholesale power market matters and functions, regulatory risks and disclosure aspects associated with FERC-related matters, and matters related to environmental and regulatory policy change. Wholesale markets reviewed include: ISO-NE, NYISO, Cal-ISO, and ERCOT.
- Provided advisory guidance to major investor-owned integrated natural gas and electric company on implementation of legislatively mandated renewable energy, demand side management, and energy efficiency investment plans. Advised on sufficiency of project planning, regulated rate recovery options, and other key aspects related to achieving compliance with requirements and meeting program goals.
- On behalf of major investment houses and private equity clients, conducted regulatory due diligence on over 10 different merger and acquisition transactions involving FERC/State regulated target energy companies over the past six years. These companies span the following segments: integrated natural gas and electric transmission and distribution, natural gas storage and pipeline, power generation, waste to energy facilities, and wind generation.
- Conducted a management review of the power supply purchasing function of an integrated regulated electric delivery utility within the ISO-NE footprint. Advised on wholesale power planning, market functions, and generation resource planning specifically dealing with New England grid issues.
- Conducted a management review of the regulatory planning and case management function of major Regional Transmission Organization.
- Conducted a management review of the gas supply purchasing function of a major regulated natural gas transmission and distribution utility in the Midwest U.S.
- Assisted executive planning board in identifying, evaluating, and assessing alternative power supply options for a major power aggregation program serving a large number of non-profit institutions in the Commonwealth of Massachusetts.

- Participated in a state level electric industry restructuring task force comprised of member cooperatives to develop an electric restructuring strategic plan and joint restructuring position. Assisted in the development of electric restructuring position statements for the association and in the formulation of draft legislation to be presented to the state legislative body.
- Reviewed Standard Market Design proposal issued by FERC for the purpose of developing comments to support major investor owned utility with significant transmission load.
- Directed an effort to assist the Rhode Island Public Transit Authority to establish a competitively supplied natural gas purchasing program for its fleet of natural gas powered buses and its operating facilities. Provided strategic and technical advisory services to the Rhode Island League of Cities and Towns and developed a successful large scale retail competitive energy procurement plan entitled *The Rhode Island Energy Aggregation Program*, or "REAP."
- Conducted numerous training seminars on cost allocation and ratemaking topics for large regulated investor-owned utilities across the U.S.
- Provided numerous training programs and seminars on FERC accounting matters for natural gas industry management and staff.
- Spoke and presented before numerous industry groups on regulatory topics including: EEI, EPRI, Infocast, Southern Gas Association, AWWA, NARUC, and others.

Education

Master of Business Administration – Awarded with Distinction
Babson - F.W. Olin Graduate School of Business - Wellesley, Massachusetts

Bachelor of Arts, Economics
College of the Holy Cross - Worcester, Massachusetts

Memberships

Omicron Delta Epsilon – National Economics Honor Society - 1985

Energy Bar Association

New England Water Works Assoc. – Past Co-Chair of Rates Committee

EXHIBIT

DFD-2

F-STATISTIC

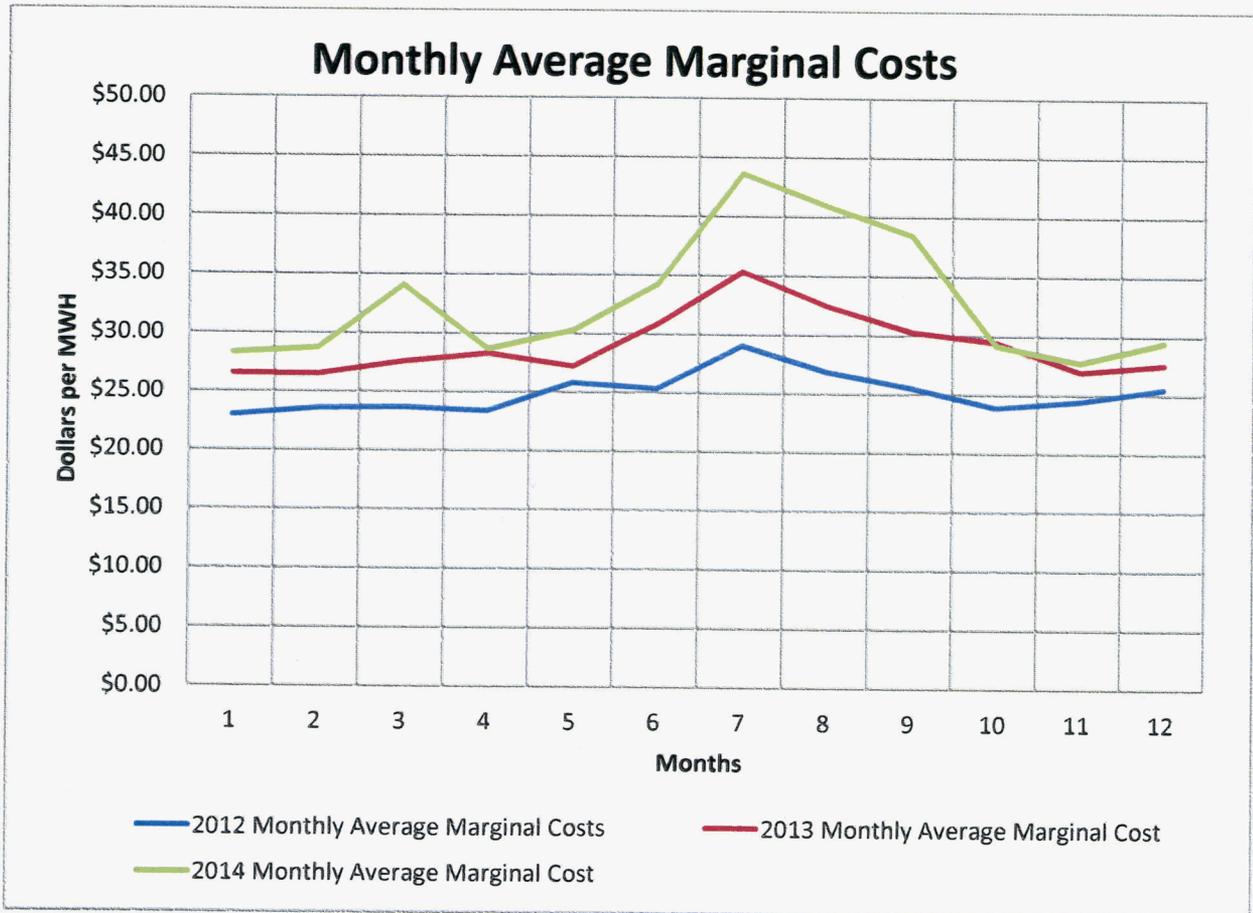
The quantitative technique used by the "Ontario Hydro Method" to rank alternative seasonal or time of use periods based on marginal cost is called the "F-Statistic". The F-Statistic has the same equational form as the statistical F-test. However, the F-Statistic used for this analysis may not have a typical F-distribution. The F-Statistic is the ratio of the Between Group Mean Squares to the Within Group Mean Squares. The goal is to maximize the Between Group Mean Squares and to minimize the Within Group Mean Squares. Essentially this means to minimize the variance within a period (seasonal or time of use) and maximize the variance between the periods. The best alternative produces the highest F-Statistic.

The equations used to calculate the F-Statistic are shown below.

- Let: $X(i, j)$ = The i^{th} observation in the j^{th} subgroup
- $N(j)$ = The number of observations in the j^{th} subgroup
- N = The number of observations in the sample
- K = The number of subgroups
- AVG = $\sum_j^{(K)} \sum_{i=1}^{N(j)} x(i, j) / N$ Mean of Sample
- Mean of (j) = $\sum_{i=1}^{N(j)} \frac{X(i, j)}{N(j)}$ Mean of Subgroup j
- BGSS = $\sum_{j=1}^K N(j) * (Mean(j) - AVG)^2$ Between Group Sum of Squares
- WGSS = $\sum_j^{(K)} \sum_{i=1}^{N(j)} (X(i, j) - Mean(j))^2$ Within Group Sum of Squares
- BGMS = BGSS/K-1 Between Group Mean Squares
- WGMS = WGSS/ N-K Within Group Mean Squares
- F = BGMS/WGMS F-Statistic

EXHIBIT

DFD-3



EXHIBIT

DFD-4

F-Statistic Seasonal Results for 2012-2014

SCENARIO 1**Seasons:****Summer** May-September**Winter** January - April; October – December

Year	Seasonal	
	Seasonal F-statistic	Summer vs. Winter Differential (\$/mWh)
2012	14.62	\$2.62
2013	9.48	\$3.67
2014	13.55	\$8.03

SCENARIO 2**Seasons:****Mid-Summer** June – August**Remaining Summer (Shoulder)** May and September – October**Winter** January - April; November – December

Year	Seasonal		
	Seasonal F-statistic	Mid Summer vs. Winter Differential	Mid Summer vs. Remaining Summer Differential
2012	6.84	\$3.19	\$2.05
2013	16.11	\$5.64	\$3.91
2014	7.36	\$10.11	\$7.06

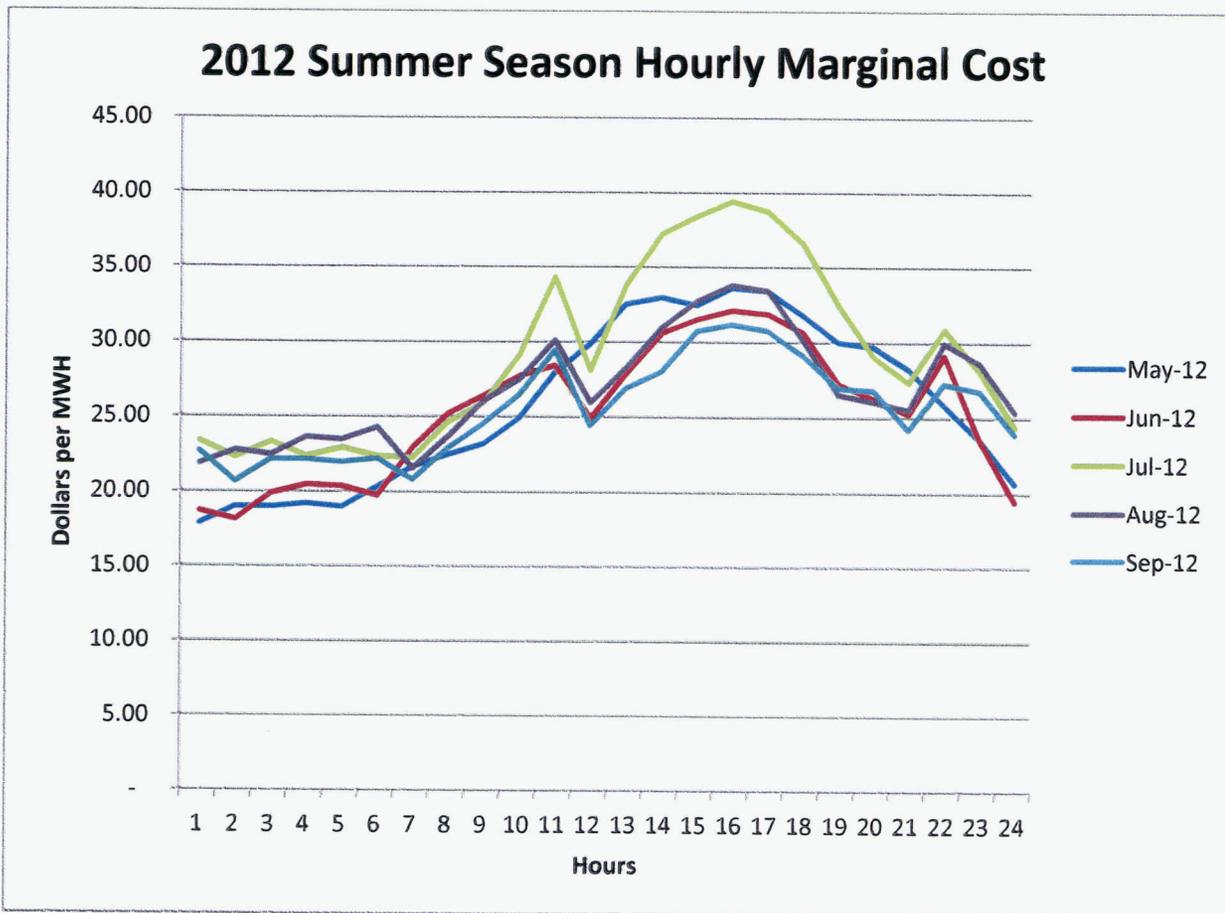
SCENARIO 3**Seasons:****Summer** May – October**Winter** January - April; November – December

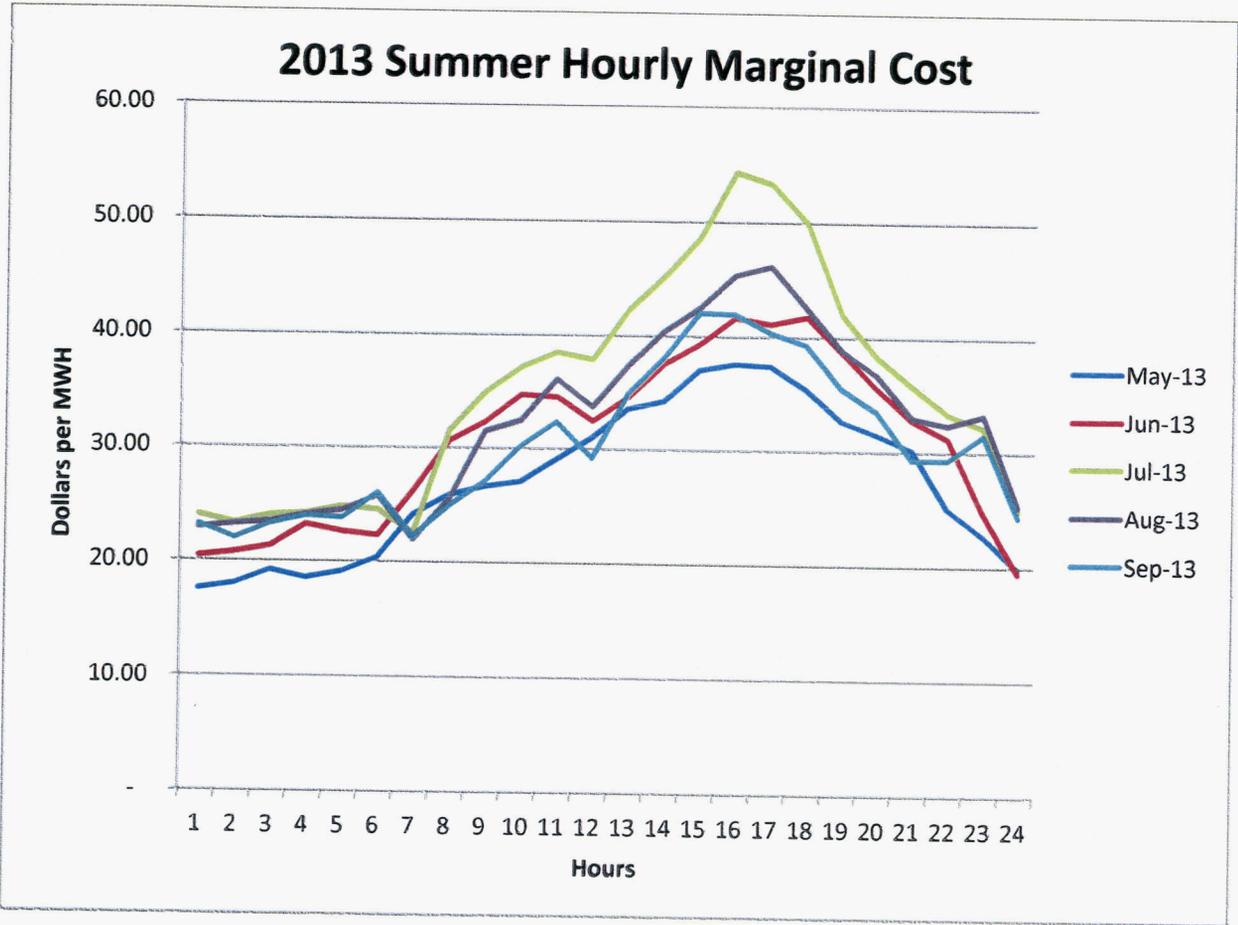
Year	Seasonal	
	Seasonal F-statistic	Summer vs. Winter Differential
2012	7.23	\$2.16
2013	10.19	\$3.69
2014	6.67	\$6.58

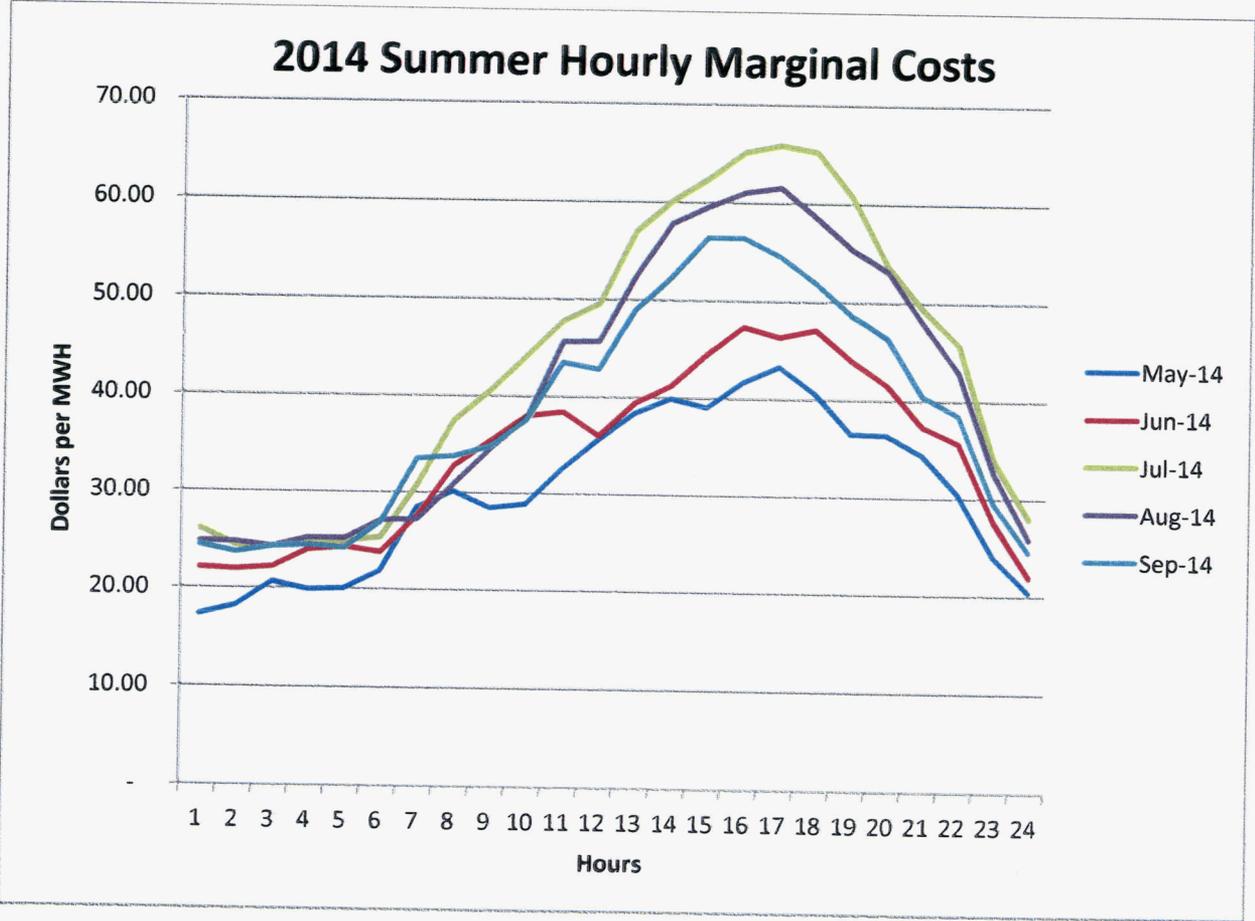


EXHIBIT

DFD-5

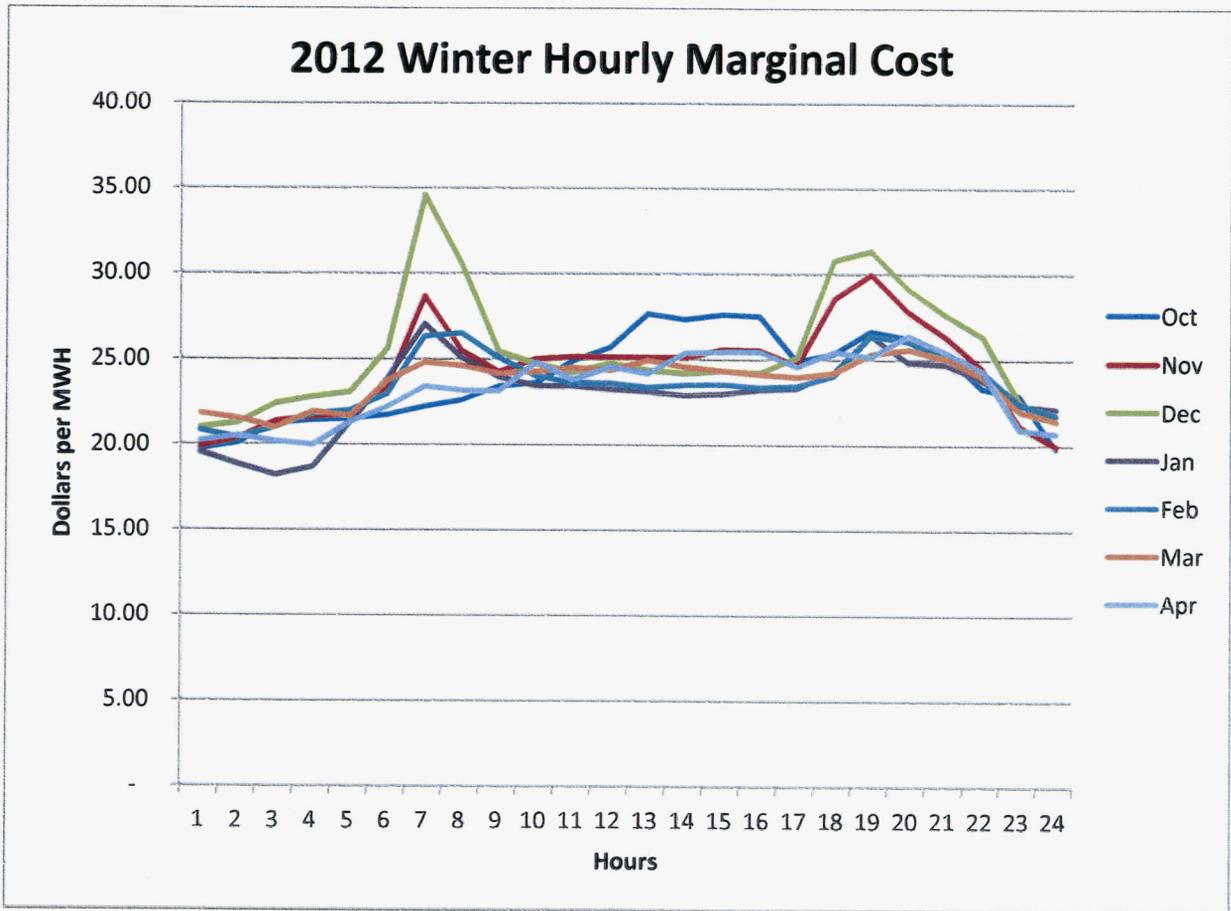


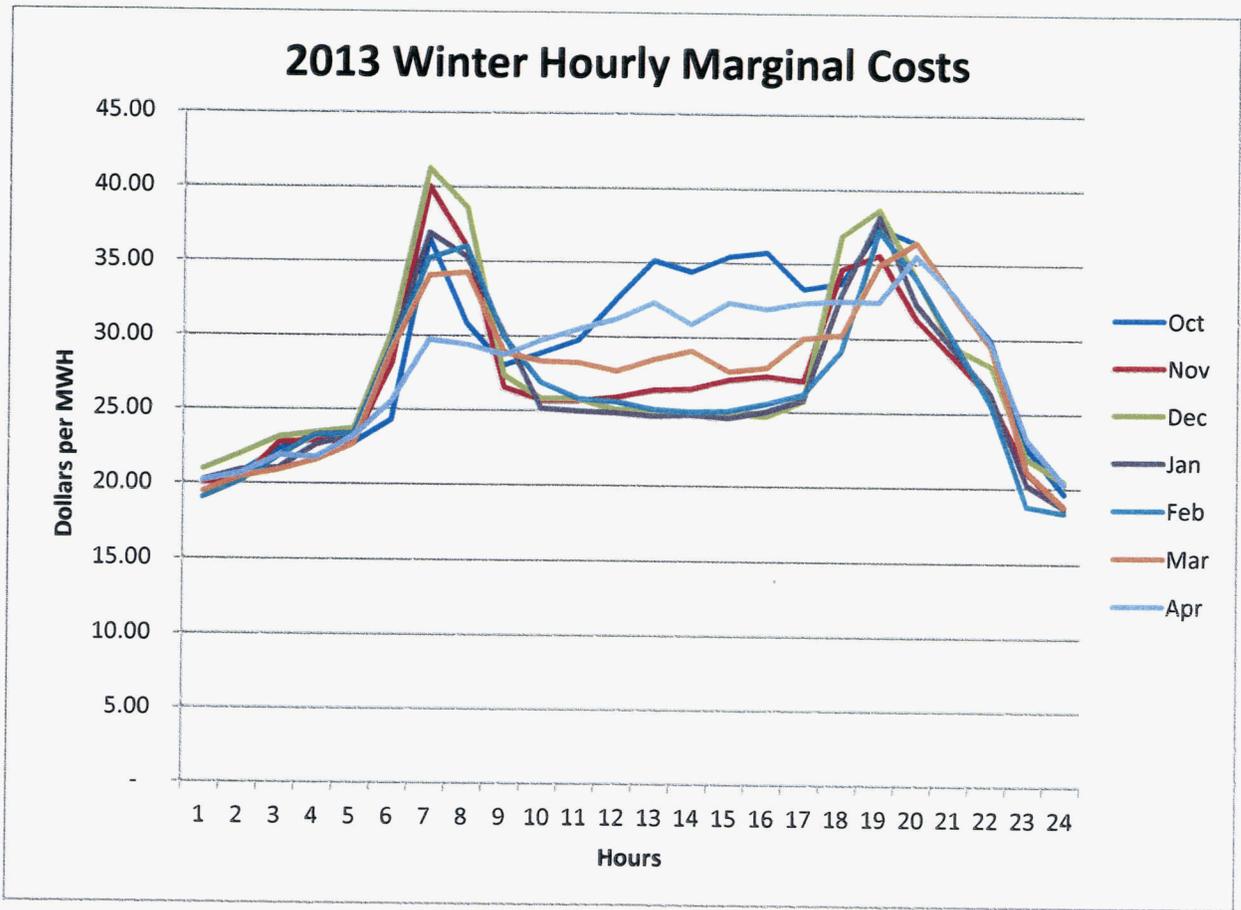


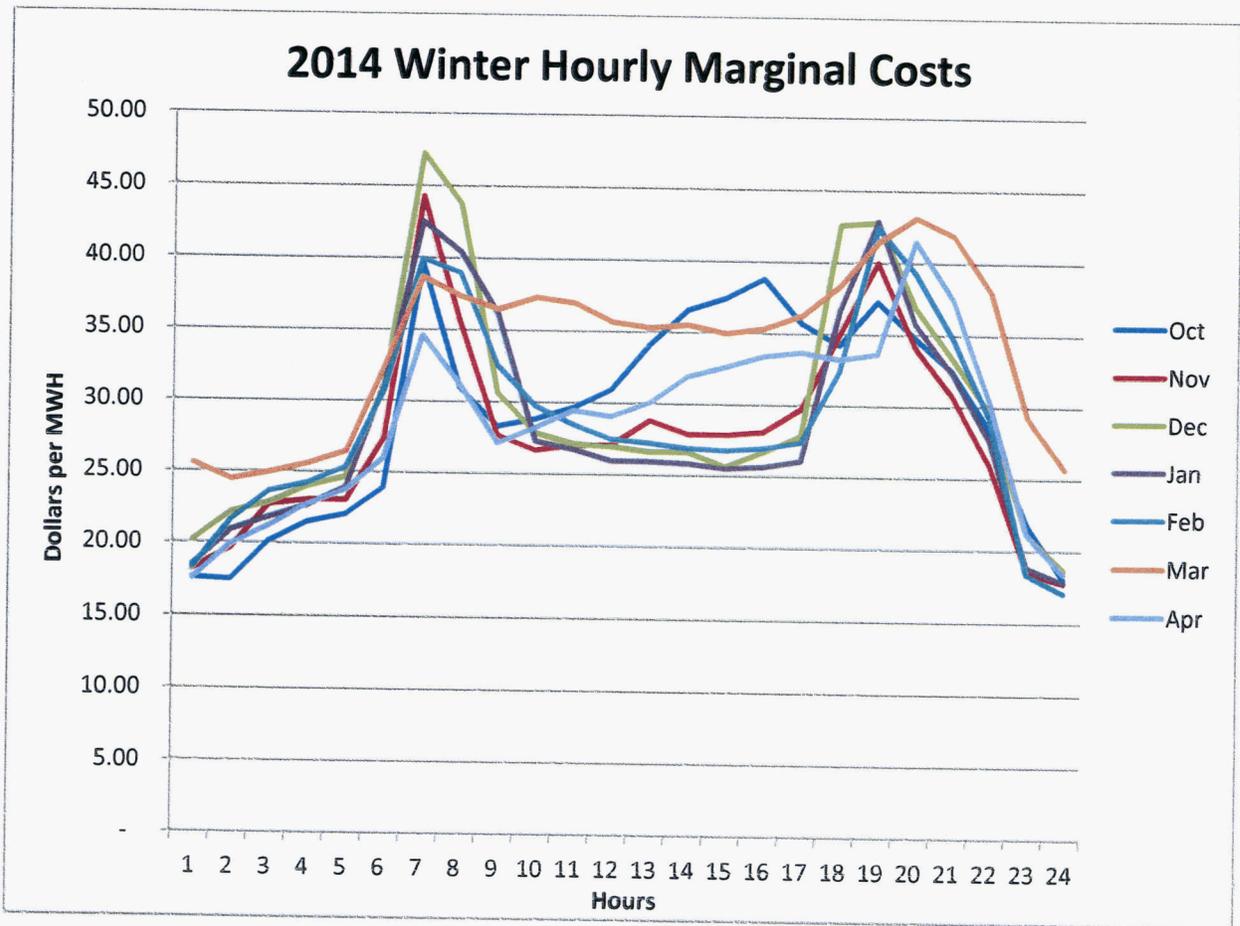


EXHIBIT

DFD-6







EXHIBIT

DFD-7

F-Statistic TOU Results 2012-2014¹**SCENARIO 1**

Summer May - September

- Onpeak 10AM-10PM
- Offpeak Weekends and Rest of hours

Winter January - April; October - December

- Onpeak 6AM-10AM; 5PM-9PM
- Offpeak Weekends and Rest of hours

Year	F-statistic	Summer Onpeak vs. Summer Offpeak (\$/mWh)	Winter Onpeak vs. Winter Offpeak (\$/mWh)
2012	2,172.38	\$7.41	\$3.21
2013	6,885.94	\$11.97	\$8.62
2014	14,765.68	\$20.10	\$11.43

SCENARIO 2

Summer May-September

- Onpeak 10AM-9PM
- Offpeak Weekends and Rest of hours

Winter January - April; October - December

- Onpeak 6AM-10AM; 5PM-9PM
- Offpeak Weekends and Rest of hours

Year	F-statistic	Summer Onpeak vs. Summer Offpeak	Winter Onpeak vs. Winter Offpeak
2012	2,020.76	\$7.34	\$3.21
2013	6,934.57	\$12.54	\$8.62
2014	14,359.74	\$20.60	\$11.43

¹ Note: The model is set up to run hours based on hour-ending periods. The description of hours above, have been translated to match tariff stated hours.

SCENARIO 3

Summer May-September

- Onpeak 10AM-8PM
- Offpeak Weekends and Rest of hours

Winter January - April; October - December

- Onpeak 6AM-10AM; 5PM-9PM
- Offpeak Weekends and Rest of hours

Year	F-statistic	Summer Onpeak vs. Summer Offpeak	Winter Onpeak vs. Winter Offpeak
2012	2,013.38	\$7.75	\$3.21
2013	6,813.32	\$12.95	\$8.62
2014	13,588.86	\$20.83	\$11.43

SCENARIO 4

Summer May - September

- Onpeak 10MA-10PM
- Offpeak Weekends and Rest of hours

Winter January - April; October - December

- Onpeak 1PM-10PM
- Offpeak Weekends and Rest of hours

Year	F-statistic	Summer Onpeak vs. Summer Offpeak	Winter Onpeak vs. Winter Offpeak
2012	1,898.53	\$7.41	\$2.65
2013	4,847.35	\$11.97	\$5.43
2014	10,849.33	\$20.10	\$7.30

SCENARIO 5

Summer May - September

- Onpeak 2PM-6PM
- Shoulder 12PM-2PM; 6PM-8PM
- Offpeak Weekends and Rest of hours

Winter January - April; October - December

- Onpeak 6AM-10AM; 5PM-9PM
- Shoulder N/A
- Offpeak Weekends and Rest of hours

Year	F-statistic	Summer Onpeak vs. Summer Offpeak	Summer Onpeak vs. Summer Shoulder	Winter Onpeak vs. Winter Offpeak
2012	899.78	\$10.24	\$4.33	\$3.21
2013	3,227.28	\$17.39	\$6.84	\$8.62
2014	6,394.49	\$24.87	\$5.87	\$11.43

SCENARIO 6

Summer May - September

- Onpeak 6AM-10PM
- Offpeak Weekends and Rest of hours

Winter January - April; October - December

- Onpeak 6AM-12AM
- Offpeak Weekends and Rest of hours

Year	F-statistic	Summer Onpeak vs. Summer Offpeak	Winter Onpeak vs. Winter Offpeak
2012	1,432.60	\$6.09	\$2.85
2013	4,078.64	\$10.23	\$5.72
2014	8,235.66	\$17.55	\$7.38

SCENARIO 7

Summer May- October

- Onpeak 1PM-6PM
- Shoulder 6PM-8PM
- Offpeak Weekends and Rest of hours

Winter January - April; November - December

- Onpeak 7AM-11AM; 6PM-9PM
- Shoulder N/A
- Offpeak Weekends and Rest of hours

Year	F-statistic	Summer Onpeak vs. Summer Offpeak	Winter Onpeak vs. Winter Offpeak
2012	745.99	\$8.87	\$2.60
2013	2,461.87	\$14.97	\$6.33
2014	4,698.11	\$21.64	\$8.80

SCENARIO 8

Summer May- October

- Onpeak 10AM-10PM
- Offpeak Weekends and Rest of hours

Winter January - April; November - December

- Onpeak 7AM-11AM; 6PM-9PM
- Offpeak Weekends and Rest of hours

Year	F-statistic	Summer Onpeak vs. Summer Offpeak	Winter Onpeak vs. Winter Offpeak
2012	2,070.46	\$6.91	\$2.60
2013	5,921.48	\$11.59	\$6.33
2014	12,621.17	\$18.40	\$8.80

SCENARIO 9

Summer May- October

- Onpeak 1PM-6PM
- Shoulder Weekday: 6PM-8PM; Weekend: 2PM-8PM
- Offpeak Rest of hours

Winter January - April; November - December

- Onpeak Weekdays: 6AM-10AM; 5PM-9PM
- Shoulder Weekends: 5PM-9PM
- Offpeak Rest of hours

Year	F-statistic	Summer Onpeak vs. Summer Offpeak	Summer Onpeak vs. Summer Shoulder	Summer Onpeak vs. Winter Shoulder	Winter Onpeak vs. Winter Offpeak
2012	948.09	\$9.14	\$5.51	\$7.87	\$3.72
2013	3,465.61	\$15.61	\$7.01	\$11.63	\$9.24
2014	6,052.62	\$22.55	\$9.21	\$20.19	\$12.44

SCENARIO 10

Summer May- October

- Onpeak 2PM-6PM
- Shoulder 12PM-2PM; 6PM-8PM
- Offpeak Weekends and Rest of hours

Winter January - April; November - December

- Onpeak Weekdays: 6AM-10AM; 5PM-9PM; Weekends: 5PM-9PM
- Shoulder N/A
- Offpeak Rest of hours

Year	F-statistic	Summer Onpeak vs. Summer Offpeak	Summer Onpeak vs. Summer Shoulder	Summer Onpeak vs. Winter Onpeak	Winter Onpeak vs. Winter Offpeak
2012	962.04	\$9.31	\$3.60	\$7.15	\$3.53
2013	3,358.52	\$16.11	\$5.55	\$10.31	\$8.81
2014	6,201.69	\$22.78	\$5.24	\$16.29	\$11.55

SCENARIO 11

Summer May- October

- **Onpeak** 2PM-6PM
- **Shoulder** 12PM-2PM; 6PM-8PM
- **Offpeak** Weekends and Rest of hours

Winter January - April; November - December

- **Onpeak** 6AM-10AM; 5PM-9PM
- **Shoulder** N/A
- **Offpeak** Weekends and Rest of hours

Year	F-statistic	Summer Onpeak vs. Summer Offpeak	Summer Onpeak vs. Summer Shoulder	Winter Onpeak vs. Winter Offpeak
2012	992.42	\$9.31	\$3.60	\$3.56
2013	3,374.76	\$16.11	\$5.55	\$8.81
2014	6,448.71	\$22.78	\$5.24	\$11.99

EXHIBIT

DFD-8

Item	Line No.	2012												2013			Total	Formula/Source
		APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR					
PPFAC Costs (\$000)	1	\$18,850.81	\$24,689.61	\$30,904.76	\$33,888.27	\$32,958.94	\$29,704.52	\$21,588.91	\$19,330.58	\$20,518.60	\$20,857.35	\$19,197.56	\$19,699.79	\$292,189.70	Line 62 PPFAC file			
MWHs @ Generation	2	708,912	869,937	1,023,056	1,128,090	1,105,175	1,001,736	781,896	703,667	750,542	760,590	684,604	702,748	10,220,952	Line 46 PPFAC file			
On-peak Percent	3	29.9%	47.5%	49.8%	46.1%	48.6%	45.2%	30.9%	30.4%	29.7%	31.5%	32.3%	30.2%		Hourly Data Summary			
Annual PPFAC @ Generation	4													0.028587	Line 1/Line 2			
High Voltage Loss Factor	5													0.036542	Losses and BU Tab			
Low Voltage Loss Factor	6													0.102958	Losses and BU Tab			
Retail Low Voltage PPFAC	7													\$ 0.031869	Line 4/1- Line 6			
System PPFAC	8													\$ 0.029672	Line 4/1- Line 5			
Retail Sales MWHs	9	647,979	788,572	926,692	1,020,647	1,003,317	909,005	711,571	644,716	686,019	694,790	630,038	643,057	9,306,404	Line 1/Line 9			
Losses by Month		60,933	81,365	96,364	107,443	101,858	92,731	70,324	58,950	64,522	65,800	54,566	59,691	0.031396628	Line 1/Line 9			
Summer PPFAC	10													\$152,146.10	Sum of Summer			
PPFAC Costs (\$000)	11													5,127,994	Sum of Summer			
MWHs @ Generation	12													\$0.029670	Line 10/ Line 11			
Summer PPFAC @ Generation	13													\$0.033075	Line 12/1- Line 6			
Retail Low Voltage Summer PPFAC	13.5													\$0.029768	Line 13 * 90			
Interruptible Rate (LV)	14													\$0.030795	Line 12/1- Line 5			
Retail High Voltage PPFAC	14																	
Winter PPFAC	15													\$ 140,044	Sum of Winter			
PPFAC Costs (\$000)	16	\$ 18,851												5,092,958	Sum of Winter			
MWHs @ Generation	17	708,912												\$0.027897	Line 15/ Line 16			
Winter PPFAC @ Generation	18													\$0.030654	Line 15/1- Line 6			
Retail Low Voltage Winter PPFAC	18.5													\$0.027588	Line 18 * 90			
Interruptible Rate (LV)	19													\$0.028540	Line 15/1- Line 5			
High Voltage PPFAC	19																	
Seasonal TOU PPFAC	20													\$152,146.10	Line 2*Line 3			
Summer PPFAC	21													2,432,677	Line 2- Line 21			
PPFAC Costs (\$000)	22													2,695,317	2012 MC			
On-peak MWHs @ Generation	23													\$0.033564	Formula			
Off-peak MWHs @ Generation	24													\$0.026154	Line 24- Line 23			
2012 Differential \$7.41	25													\$0.037417	Line 24/1- Line 6			
On-peak PPFAC @ Generation	26													\$0.029157	Line 25/1- Line 6			
Off-peak PPFAC @ Generation	27													\$0.029157	Line 27 * 90			
Retail Low Voltage On-peak PPFAC	27.5													\$0.034837	Line 24/1- Line 5			
Retail Low Voltage Off-peak PPFAC	28													\$0.027146	Line 25/1- Line 5			
Electric Vehicle	29																	
Retail High Voltage On-peak PPFAC	30													\$140,043.60	Line 2*Line 3			
Retail High Voltage Off-peak PPFAC	31													1,563,899	Line 2- Line 31			
Winter PPFAC	32													3,529,058	2012 MC			
PPFAC Costs (\$000)	33	\$18,850.81												\$0.029722	Formula			
On-peak MWHs @ Generation	34	212,153												\$0.026512	Line 34 - Line 33			
Off-peak MWHs @ Generation	35	496,758												\$0.031334	Line 34/1- Line 6			
2012 Differential \$3.21	36	0.00321												\$0.029555	Line 35/1- Line 6			
On-peak PPFAC @ Generation	37													\$0.026600	Line 37 * 90			
Off-peak PPFAC @ Generation	37.5													\$0.030849	Line 34/1- Line 5			
Retail Low Voltage On-peak PPFAC	38													\$0.027517	Line 35/1- Line 5			
Retail Low Voltage Off-peak PPFAC	39																	

NOTE: Add to Convert from 150V to 168V: 1/3 Transmission Losses in Column A per email Craig Jones to DFD July 16, 2013

Transmission Month to 150V	Total Sales	Trans. Sales @ Generation level	Trans. Sales @ Distribution level	Non-Trans @ Gen	Non-Trans @ Dist	Total Losses	Non-Trans Sales
Jan	3,834	638,790	181,637	160,550	571,621	58,463	513,154
Feb	3,854	630,048	173,875	157,079	565,856	48,033	457,823
Mar	3,875	643,657	176,929	160,208	570,608	52,689	467,919
Apr	3,938	667,878	180,222	163,672	575,344	57,354	478,014
May	3,958	674,842	183,177	166,627	580,081	62,009	488,072
Jun	3,978	681,806	186,132	169,582	584,818	66,664	498,154
Jul	3,998	688,770	189,087	172,537	589,555	71,319	508,235
Aug	4,018	695,734	192,042	175,492	594,292	75,974	518,317
Sep	4,038	702,698	195,000	178,447	599,029	80,629	528,398
Oct	4,058	709,662	197,955	181,402	603,766	85,284	538,479
Nov	4,078	716,626	200,910	184,357	608,503	89,939	548,560
Dec	4,098	723,590	203,865	187,312	613,240	94,594	558,641
Total	48,000	9,000,000	2,578,915	2,375,768	8,195,184	838,686	7,356,498

Transmission Month to 150V	Losses	System Factor
Jan	5,825	3.882%
Feb	5,725	3.852%
Mar	5,625	3.822%
Apr	5,525	3.792%
May	5,425	3.762%
Jun	5,325	3.732%
Jul	5,225	3.702%
Aug	5,125	3.672%
Sep	5,025	3.642%
Oct	4,925	3.612%
Nov	4,825	3.582%
Dec	4,725	3.552%
Total	60,000	3.65%

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Dec	4,725	3.552%
Total	60,000	3.65%

Transmission Month to 150V	Losses	System Factor
Jan	5,825	3.882%
Feb	5,725	3.852%
Mar	5,625	3.822%
Apr	5,525	3.792%
May	5,425	3.762%
Jun	5,325	3.732%
Jul	5,225	3.702%
Aug	5,125	3.672%
Sep	5,025	3.642%
Oct	4,925	3.612%
Nov	4,825	3.582%
Dec	4,725	3.552%
Total	60,000	3.65%

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Transmission Month to 150V	Losses	System Factor
Jan	5,825	3.882%
Feb	5,725	3.852%

TEP MONTHLY PPFAC REPORT

Data used in Schedule 10

Planning and Risk
Supply-Side Study Report
2012 Jan Update
Jan_Update_Renew_V1113273
Received 2/13/12 (from Supply Side Planning)
945 PPFAC Losses

Note: file c/n from "TEP PPFAC March 2012 (3).xls"

David Desautels

Fuel (including Operating Lease Agreement drain Cost)	6,257
Fuel Handling Lease Amortization per CAAP Estimates	6,666
CAAP-ERC Adjustments (Storage Lease Monthly Interest)	(51)
Spot-Join Contract Amortization (Monthly Amortization)	(86)
Reclamation Annual for Six-Join (Monthly Amortization)	(411)
Reclamation Annual for Four-Joiners (Monthly Amortization)	(296)

	1/1/12	2/1/12	3/1/12	4/1/12	5/1/12	6/1/12	7/1/12	8/1/12	9/1/12	10/1/12	11/1/12	12/1/12	1/1/13	2/1/13	3/1/13	4/1/13	5/1/13	6/1/13	7/1/13	8/1/13	9/1/13	10/1/13	11/1/13	12/1/13
FUEL COSTS (\$MM)																								
Fuel Expense	22,175	20,764	19,834	20,921	22,704	25,173	28,656	24,298	27,052	25,367	22,831	24,309	23,458	20,540	20,267	16,970								
Purchased Power Expense	727	1,865	2,462	2,377	4,352	7,166	7,857	7,560	7,311	3,952	2,154	2,081	2,392	2,448	3,254	4,664								
Total Fuel & Purchase Power	24,344	22,625	22,746	23,298	27,057	32,266	36,555	36,855	34,405	29,345	24,985	26,390	25,851	22,988	23,521	21,634								
Firm Purchase Power (Contract Charges)																								
Transmission Wheeling Charges	370	336	460	187	341	581	581	581	581	581	460	450	326	341	486	181								
Wholesale Revenues	3,485	2,710	3,145	3,475	1,737	1,672	2,725	3,971	4,451	6,609	4,451	4,438	1,355	2,354	2,771	2,565								
ATA on Fuel Expense	(452)	(499)	(422)	(250)	(440)	(1,400)	(1,321)	(1,251)	(892)	(430)	(252)	(140)	(409)	(173)	(129)	(174)								
Total PPFAC Eligible Costs (Less Wholesale Revenues)	21,667	20,755	20,023	20,357	26,617	33,988	35,726	34,734	31,530	23,474	21,197	22,541	22,908	21,108	21,371	20,323								

250,723
52,794
343,513
5,241
41,581
(7,061)
314,230

	1/1/12	2/1/12	3/1/12	4/1/12	5/1/12	6/1/12	7/1/12	8/1/12	9/1/12	10/1/12	11/1/12	12/1/12	1/1/13	2/1/13	3/1/13	4/1/13	5/1/13	6/1/13	7/1/13	8/1/13	9/1/13	10/1/13	11/1/13	12/1/13
RETAIL LOAD (\$MM)																								
Retail Load with System Losses	727	880	697	729	871	1,024	1,175	1,196	1,002	701	705	722	767	896	703	710								
Firm Wholesale Load	78	371	59	56	67	50	61	59	61	67	67	73	77	67	69	57								
Total Firm Load Obligations	805	757	756	786	938	1,079	1,189	1,145	1,063	850	772	825	839	753	767	714								

10,281
765
10,999

	1/1/12	2/1/12	3/1/12	4/1/12	5/1/12	6/1/12	7/1/12	8/1/12	9/1/12	10/1/12	11/1/12	12/1/12	1/1/13	2/1/13	3/1/13	4/1/13	5/1/13	6/1/13	7/1/13	8/1/13	9/1/13	10/1/13	11/1/13	12/1/13
SALES (\$MM)																								
System Sales	653	830	637	645	789	927	1,021	1,003	925	712	645	680	695	630	643	634								
System Sales	71	61	68	68	85	103	115	109	102	76	66	77	74	61	66	66								
Total Sales	733	691	705	713	877	1,030	1,135	1,112	1,029	788	711	758	768	691	709	723								

9,406
1,001
10,307

	1/1/12	2/1/12	3/1/12	4/1/12	5/1/12	6/1/12	7/1/12	8/1/12	9/1/12	10/1/12	11/1/12	12/1/12	1/1/13	2/1/13	3/1/13	4/1/13	5/1/13	6/1/13	7/1/13	8/1/13	9/1/13	10/1/13	11/1/13	12/1/13
LOSSES (\$MM)																								
Retail Losses	70	66	65	67	88	103	114	109	99	77	66	71	72	60	65	66								
Firm Losses	12	1.0	0.5	0.5	0.8	0.5	0.6	0.5	0.7	0.6	0.8	1.6	1.1	1.6	0.6	0.5								
Total Losses	71	61	66	68	89	103	115	109	100	76	66	72	74	61	66	69								

992
9
1,001

	1/1/12	2/1/12	3/1/12	4/1/12	5/1/12	6/1/12	7/1/12	8/1/12	9/1/12	10/1/12	11/1/12	12/1/12	1/1/13	2/1/13	3/1/13	4/1/13	5/1/13	6/1/13	7/1/13	8/1/13	9/1/13	10/1/13	11/1/13	12/1/13
SALES WITH LOSSES (\$MM)																								
Retail Sales with Losses	723	685	660	709	870	1,023	1,128	1,105	1,002	782	704	751	781	685	703	710								
Firm Sales with Losses	70	72	60	67	86	100	110	104	91	69	68	74	70	60	66	66								
Total Sales with Losses	805	757	756	786	938	1,079	1,189	1,165	1,052	850	772	825	839	753	767	724								

10,221
776
10,999

	1/1/12	2/1/12	3/1/12	4/1/12	5/1/12	6/1/12	7/1/12	8/1/12	9/1/12	10/1/12	11/1/12	12/1/12	1/1/13	2/1/13	3/1/13	4/1/13	5/1/13	6/1/13	7/1/13	8/1/13	9/1/13	10/1/13	11/1/13	12/1/13
MURKIN/STATION ALLOCATION																								
Energy Rate	90%	90%	92%	93%	93%	95%	95%	94%	94%	92%	91%	91%	91%	91%	91%	92%								

	1/1/12	2/1/12	3/1/12	4/1/12	5/1/12	6/1/12	7/1/12	8/1/12	9/1/12	10/1/12	11/1/12	12/1/12	1/1/13	2/1/13	3/1/13	4/1/13	5/1/13	6/1/13	7/1/13	8/1/13	9/1/13	10/1/13	11/1/13	12/1/13
INTERNAL PRODUCTION (\$MM)																								
Internal Production - FERC 551 and FERC 567	20,420	19,737	18,055	19,702	21,474	25,156	29,471	29,480	26,846	23,743	21,050	22,329	21,426	18,806	18,787	16,527								
Purchased Power - Energy - FERC 551	1,951	1,681	2,217	3,220	4,938	6,741	7,452	7,142	6,681	3,330	1,969	1,629	1,174	2,292	3,884	4,811								
Purchased Power - External - FERC 567	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
Transmission of Electricity by Others - FERC 567	388	364	450	367	310	301	551	551	541	340	372	416	297	312	400	171								
Total PPFAC Eligible Costs Allocated to Retail	22,668	21,228	21,322	22,671	25,634	33,491	36,471	36,731	33,961	27,722	23,300	24,501	22,901	21,331	22,261	20,023								

274,472
49,123
4,674
34,624

	1/1/12	2/1/12	3/1/12	4/1/12	5/1/12	6/1/12	7/1/12	8/1/12	9/1/12	10/1/12	11/1/12	12/1/12	1/1/13	2/1/13	3/1/13	4/1/13	5/1/13	6/1/13	7/1/13	8/1/13	9/1/13	10/1/13	11/1/13	12/1/13
WHOLESALE REVENUES (\$MM)																								
Wholesale Revenues	3,141	2,451	2,896	3,220	1,145	1,186	2,581	3,768	4,201	6,133	4,605	4,080	3,042	2,141	2,560	2,368								
Retail PPFAC Eligible Costs Less Wholesale Revenues	19,528	18,777	18,426	19,551	24,030	30,805	33,668	32,859	29,760	21,589	20,371	20,819	20,859	19,190	19,701	18,055								

30,486
252,158

	1/1/12	2/1/12	3/1/12	4/1/12	5/1/12	6/1/12	7/1/12	8/1/12	9/1/12	10/1/12	11/1/12	12/1/12	1/1/13	2/1/13	3/1/13	4/1/13	5/1/13	6/1/13	7/1/13	8/1/13	9/1/13	10/1/13	11/1/13	12/1/13
PPFAC RATE (\$/MWH)																								
PPFAC Rate e/Wh	2.95	2.99	2.98	2.91	3.13	3.33	3.32	3.29	3.37	3.03	3.00	2.99	3.05	3.05	3.06	3.06								
Base Rate e/Wh	2.85	2.85	2.85	2.89	2.89	2.89	2.88	2.88	2.89	2.89	2.89	2.89	2.89	2.89	2.89	2.89								
PPFAC Rate e/Wh	0.06	0.05	0.00	0.02	0.24	0.44	0.43	0.39	0.36	0.14	0.11	0.10	0.11	0.11	0.11	0.11								

(22,041)

	1/1/12	2/1/12	3/1/12	4/1/12	5/1/12	6/1/12	7/1/12	8/1/12	9/1/12	10/1/12	11/1/12	12/1/12
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Row Labels	Values		% On-Peak/% Off-Peak	
	Sum of On-Peak	Sum of Off-Peak		
2012				
1	220,581	499,444	31%	69%
2	219,309	460,740	32%	68%
3	216,530	474,468	31%	69%
4	210,395	492,641	30%	70%
5	410,812	453,213	48%	52%
6	506,114	510,914	50%	50%
7	517,393	604,629	46%	54%
8	534,159	564,842	49%	51%
9	449,968	545,966	45%	55%
10	240,006	535,995	31%	69%
11	211,879	486,149	30%	70%
12	221,037	523,952	30%	70%
2013				
1	238,068	516,967	32%	68%
2	219,919	460,116	32%	68%
3	210,856	486,699	30%	70%
4	220,160	489,857	31%	69%
5	420,069	458,956	48%	52%
6	493,894	538,139	48%	52%
7	543,724	591,299	48%	52%
8	541,294	569,711	49%	51%
9	448,781	560,220	44%	56%
10	243,221	543,779	31%	69%
11	215,818	492,215	30%	70%
12	225,244	530,749	30%	70%
Grand Total	7,979,231.00	12,391,660.00	Value	
	7,979,231	12,391,660	Calc	Verify Sum

Note: c/p "2012_2013 Hourly Load Seasonal Break.xls"

David DesLauriers

Seasonal Sales					
mWh	On Peak	Off Peak	Total	On Peak	Off Peak
PPFAC Yr:	3,970,606	6,182,083	10,152,689		
Summer	2,418,446	2,679,564	5,098,010	47%	53%
Winter	1,552,160	3,502,519	5,054,679	31%	69%
Summer: May-September	3,958,183	6,152,953	10,111,136		

	Jan-11	Feb-11	Mar-11	Apr-11	May-11	Jun-11	Jul-11	Aug-11	Sep-11	Oct-11	Nov-11	Dec-11	Summer	Winter	Total	Average
Residential:																
RT 1 Residential Electric	250,105,352	202,269,877	190,246,062	203,779,996	228,110,451	380,647,443	430,363,427	467,030,127	351,004,902	231,381,274	193,451,286	254,114,647	2,059,527,623	1,293,960,385	3,807,517,968	282,293,195
RT 2F Rec Elec Water Htg (Frozen)*	461,568	370,328	391,053	2,000,000	2,848,058	4,723,550	4,899,893	5,462,130	3,988,859	2,859,548	2,320,153	3,149,800	1,558,810	1,248,000	4,724,110	3,477,010
RT 7I Residential TOU (Frozen)	3,417,529	2,816,153	2,496,724	2,496,724	2,848,058	4,723,550	4,899,893	5,462,130	3,988,859	2,859,548	2,320,153	3,149,800	1,558,810	1,248,000	4,724,110	3,477,010
RT 7J Residential TOU (Frozen)	71,532	59,017	54,960	59,712	53,145	59,010	63,203	54,715	49,550	40,687	30,193	36,922	17,158	11,344	34,043	58,907
RT 7K Residential TOU (Frozen)	4,852,549	3,760,532	3,944,420	3,869,154	4,452,773	7,150,401	7,813,843	8,455,158	6,196,570	4,056,228	3,478,168	4,400,328	38,164,873	24,405,171	62,570,144	5,714,179
RT 7L Residential TOU (Frozen)	189,003	129,300	126,611	139,753	171,047	281,859	340,527	353,116	280,142	186,191	160,157	187,809	1,612,922	922,633	2,535,555	211,296
RT 7M Residential TOU (Frozen)	512,835	419,551	406,435	432,722	506,718	850,248	1,002,630	1,066,800	826,309	543,650	456,044	572,729	4,795,356	2,800,716	7,596,071	633,006
RT 7N Residential TOU (Frozen)	367,311	299,343	292,335	317,781	385,365	634,995	702,014	784,085	599,629	392,704	331,967	434,853	3,499,392	2,035,611	5,534,903	461,242
RT 20AN Special Residential (Frozen)	8,034,082	6,924,395	5,654,514	5,634,678	6,138,570	8,530,792	10,127,609	9,225,710	7,705,138	5,590,868	4,851,656	6,812,977	47,322,888	37,912,302	85,234,989	7,102,916
RT 20BN Special Residential TOU	4,098,369	3,769,301	3,210,987	3,464,590	4,032,810	5,784,730	6,889,465	6,735,641	5,806,249	4,287,654	3,795,400	5,324,746	33,516,629	23,663,292	57,179,820	4,764,965
RT 20CN Special Residential TOU	12,461	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20DN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20EN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20FN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20GN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20HN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20IN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20JN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20KN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20LN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20MN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20ON Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20PN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20QN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20RN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20SN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20TN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20UN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20VN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20WN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20XN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20YN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20ZN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20AN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20BN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20CN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20DN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20EN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20FN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20GN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20HN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20IN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20JN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20KN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20LN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20MN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20ON Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20PN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20QN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20RN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20SN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20TN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20UN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283	37,823	30,028	70,385	489,383	377,712	891,284	70,935
RT 20VN Special Residential TOU	12,643	65,345	53,091	57,202	63,645	82,419	90,608	78,913	57,283</							

	kWh Industrial&Mine	kWh Total Unadjusted Sales	% Split T vs Total	
Jan	182,453,526	697,915,171	26%	
Feb	169,171,087	617,967,740	27%	
Mar	173,765,667	638,853,674	27%	
Apr	183,943,991	660,994,398	28%	
May	84,568,001	728,163,946	12%	
Jun	180,414,677	942,404,579	19%	
Jul	199,876,588	1,013,404,692	20%	
Aug	190,873,819	1,079,276,515	18%	
Sep	202,771,334	893,110,416	23%	
Oct	192,237,521	723,398,748	27%	
Nov	165,191,438	626,851,620	26%	
Dec	80,144,791	709,765,548	11%	
	2,005,412,439	5,379,758,896		Check
	2,005,412,439	9,332,107,047	0.214893853	9,332,107,047

Source: I&M spreadsheet Source: TY Unadjusted Sales

BEFORE THE ARIZONA CORPORATION COMMISSION

COMMISSIONERS

GARY PIERCE- CHAIRMAN
BOB STUMP
SANDRA D. KENNEDY
PAUL NEWMAN
BRENDA BURNS

IN THE MATTER OF THE APPLICATION OF) DOCKET NO. E-01933A-12-____
TUCSON ELECTRIC POWER COMPANY FOR)
THE ESTABLISHMENT OF JUST AND)
REASONABLE RATES AND CHARGES)
DESIGNED TO REALIZE A REASONABLE)
RATE OF RETURN ON THE FAIR VALUE OF)
ITS OPERATIONS THROUGHOUT THE STATE)
OF ARIZONA.)

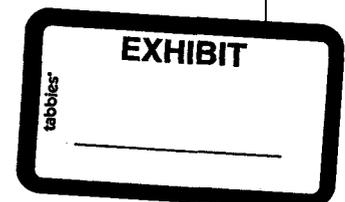
TUCSON ELECTRIC POWER COMPANY

SCHEDULES

“A” THROUGH “H”

Volume 4 of 4

July 2, 2012



BEFORE THE ARIZONA CORPORATION COMMISSION

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COMMISSIONERS

GARY PIERCE- CHAIRMAN
BOB STUMP
SANDRA D. KENNEDY
PAUL NEWMAN
BRENDA BURNS

IN THE MATTER OF THE APPLICATION OF) DOCKET NO. E-01933A-12-____
TUCSON ELECTRIC POWER COMPANY FOR)
THE ESTABLISHMENT OF JUST AND)
REASONABLE RATES AND CHARGES)
DESIGNED TO REALIZE A REASONABLE)
RATE OF RETURN ON THE FAIR VALUE OF)
ITS OPERATIONS THROUGHOUT THE STATE)
OF ARIZONA.)

TUCSON ELECTRIC POWER COMPANY

SCHEDULES
"A" THROUGH "H"

Volume 4 of 4

July 2, 2012

Schedule

“A”

Tucson Electric Power Company
Computation of Increase in Gross Revenue Requirements
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	ACC Jurisdiction			Line No.		
		Original Cost	RCND	Fair Value			
1	Adjusted Rate Base	\$1,519,073 (a)	\$3,041,359 (a)	\$2,280,216	1		
2	Adjusted Operating Income	\$52,471 (b)	\$52,471 (b)	\$52,471	2		
3	Current Rate of Return (2/1)	3.45%	1.73%	2.30%	3		
4	Required Operating Income	\$129,484	\$129,484	\$129,484	4		
5	Weighted Average Cost of Capital	7.74% (c)	7.74%	7.74%	5		
6	Fair Value Adjustment	0.78%	-3.48%	-2.06%	6		
7	Required Rate of Return (4/1)	8.52% (c)	4.26%	5.68%	7		
8	Operating Income Deficiency	\$77,012	\$77,012	\$77,012	8		
9	Gross Revenue Conversion Factor	1.6590 (d)	1.6590 (d)	1.6590 (d)	9		
10	Increase in Gross Revenue Requirement	\$127,760	\$127,760	\$127,760	10		
	Customer Classification	Test Year Net Revenue (e)	Proposed Net Increase Test Year (e)	Adjusted Test Year Revenue (e)	Proposed Net Increase Adjusted Test Year (e)	% Dollar Increase to Test Year (e)	% Dollar Increase to Adjusted Test Year (e)
11	Residential	\$368,828	\$64,489	\$370,954	\$62,363	17.48%	16.81%
12	Small General Service	231,045	30,516	238,724	22,837	13.21%	9.57%
13	Large General Service	98,394	29,876	103,957	24,314	30.36%	23.39%
14	Large Light and Power	119,120	16,604	119,100	16,624	13.94%	13.96%
15	Lighting Service	3,936	1,890	4,204	1,623	48.02%	38.60%
16	Total	\$821,324	\$143,374	\$836,938	\$127,760	17.46%	15.27%

Supporting Schedules
(a) B-1
(b) C-1
(c) D-1
(d) C-3
(e) H-1

Tucson Electric Power Company
Summary Results of Operations
Prior Years Ended December 31, 2009 and 2010, Test Year Ended December 31, 2011,
and Projected Year Ended December 31, 2012
(Thousands of Dollars)

Line No.	Description	Prior Years Ended December 31,		Test Year Ended December 31, 2011		Projected Year Ended December 31, 2012		Line No.
		2009 (a)	2010 (a)	Actuals (b)	Adjusted (b)	Present Rates (c)	Proposed Rates (c)	
1	Operating Revenues	\$1,117,666	\$1,159,681	\$1,171,180	\$861,319	\$1,141,125	\$1,269,994	1
2	Operating Expenses (includes income taxes)	1,004,753	1,007,878	1,038,019 (2),(3)	807,881	1,022,909	1,067,078	2
3	Operating Income	112,913	151,803	133,161	73,438	118,216	202,916	3
4	Other Income and Deductions	13,820	(2,603)	1,040 (3)	1,040	(752)	(752)	4
5	Income Before Interest Expense	126,733	149,200	134,201	74,478	117,464	202,164	5
6	Interest Expense	36,045	40,941	48,867 (2)	55,032 (d)	53,796	53,061	6
7	Cumulative Effect of Accounting Change - Net of Tax	0	0	0	0	0	0	7
8	Net Income	\$90,688	\$108,259	\$85,334	\$19,446	\$63,668	\$149,103	8
9	Earnings Per Average Common Share (1)	N/A	N/A	N/A	N/A	N/A	N/A	9
10	Dividends Per Common Share (1)	N/A	N/A	N/A	N/A	N/A	N/A	10
11	Payout Ratio (4)	66%	55%	0%	0%	40%	17%	11
12	Return on Year-End Invested Capital	N/A	8.71%	7.04%	4.05%	5.74%	9.95%	12
13	Return on Average Invested Capital	N/A	9.13%	7.42%	4.19%	6.04%	10.44%	13
14	Return on Year-End Common Equity	N/A	15.25%	10.34%	2.56%	7.38%	15.72%	14
15	Return on Average Common Equity	N/A	15.91%	11.12%	2.65%	7.54%	16.81%	15
16	Times Total Interest Earned - Before Income Taxes	N/A	5.02	3.89	1.59	2.96	5.65	16
17	Times Total Interest Earned - After Income Taxes	N/A	3.64	2.75	1.35	2.18	3.81	17

(1) TEP is a subsidiary of UNS Energy Corporation and has no publicly traded stock; thus such information is not meaningful.
(2) Includes reclassification of \$45 thousand for Customer Deposit Interest Expense From Other Interest Expense to Other O&M Expense.
(3) Includes reclassification of \$9 thousand for depreciation on Asset Retirement Costs to Other Income and Deductions.
(4) Equals cash dividends paid to parent company as % of net income.
Note: The statements above do not reflect ratemaking adjustments or jurisdictional allocations.

Supporting Schedules

- (a) E-2
- (b) C-1
- (c) F-1
- (d) D-2

Summary of Capital Structure
Prior Years Ended December 31, 2009 and 2010, Test Year Ended December 31, 2011,
and Projected Year Ended December 31, 2012
(Thousands of Dollars)

Line No.	Description	Prior Years Ended December 31,		Test Year Ended December 31, 2011 Actuals (a)	Projected Year December 31, 2012		Line No.
		2009 (a)	2010 (a)		Present Rates (b)	Proposed Rates	
<u>Capitalization</u>							
1	Short-Term Debt	\$35,000	\$0	\$10,000	\$0	\$0	1
2	Long-Term Debt - Net	890,848	986,356	1,061,389	1,183,664	1,083,664 (1)	2
	Total Debt	925,848	986,356	1,071,389	1,183,664	1,083,664	
3	Common Stock Equity	650,591	709,884	824,943	863,279	948,712	3
4	Total Capital	\$1,576,439	\$1,696,240	\$1,896,332	\$2,046,943	\$2,032,376	4
<u>Capitalization Ratios</u>							
5	Short-Term Debt	2.22%	N/A	0.53%	0.00%	0.00%	5
6	Long-Term Debt - Net	56.51%	58.15%	55.97%	57.80%	53.32%	6
7	Common Stock Equity	41.27%	41.85%	43.50%	42.20%	46.68%	7
8	Total Capital	100.00%	100.00%	100.00%	100.00%	100.00%	8
9	Weighted Cost of Short-Term Debt	0.03%	N/A	0.01%	N/A	N/A	9
10	Weighted Cost of Long-Term Debt	2.95%	3.03%	2.92%	2.81%	2.60%	10
11	Weighted Cost of Common Equity	4.44%	4.50%	4.68%	4.54%	5.02%	11

Supporting Schedules

- (a) E-1
- (b) D-1

(1) Reduction is consistent with proposed financing assumptions in Schedule F-2

Tucson Electric Power Company
Construction Expenditures and Gross Utility Plant in Service
Prior Years Ended December 31, 2009 and 2010, Test Year Ended December 31, 2011,
and Projected Years Ended December 31, 2012, 2013 and 2014
(Thousands of Dollars)

Line No.	Year	Construction Expenditures	Net Plant Placed in Service	Gross Utility Plant in Service	Line No.
1	Prior Year Ended December 31, 2009	(a) \$240,079	\$233,437	\$4,417,620	1
2	Prior Year Ended December 31, 2010	(a) \$225,920	\$302,073	\$4,621,616	2
3	Test Year Ended December 31, 2011	(a) \$351,890	\$358,299	\$4,902,958	3
4	Projected Year Ended December 31, 2012	(b) \$295,192	\$216,196	\$5,122,901	4
5	Projected Year Ended December 31, 2013	(b) \$346,049	\$265,789	\$5,380,080	5
6	Projected Year Ended December 31, 2014	(b) \$379,681	\$412,173	\$5,748,996	6

Supporting Schedules

(a) E-1 & E-3

(b) F-3

Tucson Electric Power Company
 Summary Changes in Financial Position
 Prior Years Ended December 31, 2009 and 2010, Test Year Ended December 31, 2011,
 and Projected Year Ended December 31, 2012
 (Thousands of Dollars)

Line No.	Description	Prior Years Ended December 31,		Test Year Ended December 2011 (a)	Projected Years Ended December 31, 2012		Line No.
		2009 (a)	2010 (a)		Present Rates (b)	Proposed Rates (b)	
1	Net Cash Flows from Operating Activities	\$268,055	\$302,474	\$268,297	\$254,911	\$372,999	1
2	Net Cash Flows From Investing Activities	(249,601)	(253,036)	(312,011)	(252,101)	(252,101)	2
3	Net Cash Flows from Financing Activities	(29,320)	(51,882)	51,452	(4,555)	(104,555)	3
4	Net Increase (Decrease) in Cash	<u>(\$10,866)</u>	<u>(\$2,444)</u>	<u>\$7,738</u>	<u>(\$1,745)</u>	<u>\$16,343</u>	4

Supporting Schedules

- (a) E-3
- (b) F-2

Schedule

“B”

Tucson Electric Power Company
Summary of Original Cost and RCND Rate Base
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Total		ACC Jurisdiction		Line No.
		Adjusted Original Cost Rate Base (a)	Adjusted RCND Rate Base (b)	Adjusted Original Cost Rate Base (a)	Adjusted RCND Rate Base (b)	
1	Gross Utility Plant in Service	\$4,256,915	\$8,932,142	\$3,199,453	\$6,655,502	1
2	Less: Accumulated Depreciation	1,950,959	4,251,857	1,411,639	3,005,492	2
3	Net Utility Plant in Service	<u>2,305,956</u>	<u>4,680,285</u>	<u>1,787,814</u>	<u>3,650,010</u>	3
4	Plant Held for Future Use	4,014	4,014	0	0	
5	Total Net Utility Plant	<u>2,309,970</u>	<u>4,684,299</u>	<u>1,787,814</u>	<u>3,650,010</u>	
6	Customer Advances for Construction	(8,924)	(13,182)	(8,924)	(13,182)	6
7	Customer Deposits	(23,743)	(23,743)	(23,743)	(23,743)	7
8	Deferred Credit - Contributed Plant and Retirement Obligations	(16,379)	(16,379)	(15,832)	(15,773)	8
9	Accumulated Deferred Income Taxes	<u>(378,756)</u>	<u>(825,448)</u>	<u>(284,654)</u>	<u>(620,365)</u>	9
10	Total Deductions	<u>(427,802)</u>	<u>(878,752)</u>	<u>(333,153)</u>	<u>(673,063)</u>	10
11	Allowance for Working Capital	65,269	65,268	53,323	53,323	11
12	Regulatory Assets	11,088	11,089	11,089	11,089	12
13	Regulatory Liabilities	0	0	0	0	13
14	Total Rate Base	<u>\$1,958,525</u>	<u>\$3,881,904</u>	<u>\$1,519,073</u>	<u>\$3,041,359</u>	14

Supporting Schedules
(a) B-2
(b) B-3

Recap Schedules
A-1

Tucson Electric Power Company
Pro Forma Adjustments to Original Cost Rate Base
Total Company and ACC Jurisdiction
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Total Company		ACC		Line No.	
		Unadjusted Test Year	Total Adjustments (a)	Unadjusted Test Year	Total Adjustments (c)		ACC Jurisdiction
1	Gross Utility Plant in Service	\$4,218,223	\$38,692	\$3,156,974	\$42,480	\$3,199,453	1
2	Less: Accumulated Depreciation	1,952,093	(1,134)	1,412,197	(558)	1,411,639	2
3	Net Utility Plant in Service	2,266,130	39,826	1,744,777	43,038	1,787,814	3
4	Plant Held for Future Use	4,014	0	0	0	0	
5	Total Net Utility Plant	2,270,144	39,826	1,744,777	43,038	1,787,814	5
6	Customer Advances for Construction	(8,924)	0	(8,924)	0	(8,924)	6
7	Customer Deposits	(23,743)	0	(23,743)	0	(23,743)	7
8	Deferred Credit - Contributed Plant and Retirement Obligations	(14,774)	(1,605)	(14,227)	(1,605)	(\$15,832)	8
9	Accumulated Deferred Income Taxes	(263,285)	(115,471)	(158,005)	(126,649)	(284,654)	9
10	Total Deductions	(310,726)	(117,076)	(204,899)	(128,254)	(333,153)	10
11	Allowance for Working Capital	110,436	(45,167)	88,084	(34,761)	53,323	11
12	Regulatory Assets	0	11,088	0	11,089	11,089	12
13	Regulatory Liabilities	0	0	0	0	0	13
14	Total Original Cost Rate Base	\$2,069,854	(\$111,329)	\$1,627,962	(\$108,888)	\$1,519,073	14

Recap Schedules
B-1

Supporting Schedules
(a) B-2 (P2)
(b) B-5
(c) B-2 (P3)

Tucson Electric Power Company
Pro Forma Adjustments to Original Cost Rate Base
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Sahuarita - Nogales Transmission Line	Leashold Improvements UniSource Energy Headquarters	ARO	Post Test Yr	Post Test Yr Renewable	Delayed Plant	Accumulated Deferred ITC	Accumulated Deferred Income Taxes	Working Capital	Total Adjustments	Line No.
1	Gross Utility Plant in Service	\$0	(\$2,811)	(\$3,308)	\$22,836	\$18,427	\$8,548	\$0	\$0	\$0	\$38,692	1
2	Less: Accumulated Depreciation	\$0	(\$1,760)	(\$137)	\$32	\$748	\$3	\$0	\$0	\$0	(1,134)	2
3	Net Utility Plant in Service	0	(1,031)	(8,171)	22,804	17,679	8,545	0	0	0	39,826	3
4	Plant Held for Future Use	0	0	0	0	0	0	0	0	0	0	4
5	Total Net Utility Plant	0	(1,031)	(8,171)	22,804	17,679	8,545	0	0	0	39,826	5
6	Customer Advances for Construction	0	0	0	0	0	0	0	0	0	0	6
7	Customer Deposits	0	0	0	0	0	0	0	0	0	0	7
8	Deferred Credit - Contributed Plant and Retirement Obligations	0	0	0	0	0	0	(1,605)	0	0	(1,605)	8
9	Accumulated Deferred Income Taxes	0	0	0	0	0	0	0	(115,471)	0	(115,471)	9
10	Total Deductions	0	0	0	0	0	0	(1,605)	(115,471)	0	(117,076)	10
11	Allowance for Working Capital	0	0	0	0	0	0	0	0	(45,167)	(45,167)	11
12	Regulatory Assets	11,088	0	0	0	0	0	0	0	0	11,088	12
13	Regulatory Liabilities	0	0	0	0	0	0	0	0	0	0	13
14	Total Original Cost Rate Base	\$11,088	(\$1,031)	(\$8,171)	\$22,804	\$17,679	\$8,545	(\$1,605)	(\$115,471)	(\$45,167)	(\$111,329)	14

Recap Schedules
B-1

Supporting Schedules
N/A

Tucson Electric Power Company
Pro Forma Adjustments to ACC Jurisdiction Rate Base
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Sahuarita - Nogales Transmission Line	Leashold Improvements UnSource Energy Headquarters	ARO	Post Test Yr	Post Test Yr Renewable	Delayed Plant	Accumulated Deferred ITC	Accumulated Deferred Income Taxes	Working Capital	Total Adjustments	Line No.
1	Gross Utility Plant in Service	\$0	(\$2,059)	\$0	\$20,469	\$16,413	\$7,657	\$0	\$0	\$0	\$42,480	1
2	Less: Accumulated Depreciation	\$0	(\$1,294)	\$0	\$28	\$702	\$6	\$0	\$0	\$0	(558)	2
3	Net Utility Plant in Service	0	(765)	0	20,441	15,711	7,651	0	0	0	43,038	3
4	Plant Held for Future Use	0	0	0	0	0	0	0	0	0	0	4
5	Total Net Utility Plant	0	(765)	0	20,441	15,711	7,651	0	0	0	43,038	5
6	Customer Advances for Construction	0	0	0	0	0	0	0	0	0	0	6
7	Customer Deposits	0	0	0	0	0	0	0	0	0	0	7
8	Deferred Credit - Contributed Plant and Retirement Obligations	0	0	0	0	0	0	(1,605)	0	0	(1,605)	8
9	Accumulated Deferred Income Taxes	0	0	0	0	0	0	0	(126,649)	0	(126,649)	9
10	Total Deductions	0	0	0	0	0	0	(1,605)	(126,649)	0	(128,254)	10
11	Allowance for Working Capital	0	0	0	0	0	0	0	0	(34,761)	(34,761)	11
12	Regulatory Assets	11,089	0	0	0	0	0	0	0	0	11,089	12
13	Regulatory Liabilities	0	0	0	0	0	0	0	0	0	0	13
14	Total Original Cost Rate Base	\$11,089	(\$765)	\$0	\$20,441	\$15,711	\$7,651	(\$1,605)	(\$126,649)	(\$34,761)	(\$108,888)	14

Recap Schedules
B-1

Supporting Schedules
N/A

Tucson Electric Power Company
Pro Forma Adjustments to RCND Rate Base
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Total Company		ACC		Line No.		
		Unadjusted Test Year (a), (b)	Total Adjustments (c)	Adjusted Test Year	Unadjusted Test Year		Total Adjustments (d)	Adjusted Test Year
1	Gross Utility Plant in Service	\$8,894,315	\$37,827	\$8,932,142	\$6,613,656	\$41,846	\$6,655,502	1
2	Less: Accumulated Depreciation	4,251,211	646	4,251,857	3,004,755	737	3,005,492	2
3	Net Utility Plant in Service	4,643,104	37,181	4,680,285	3,608,901	41,109	3,650,010	3
4	Plant Held for Future Use	4,014	0	4,014	0	0	0	
5	Total Net Utility Plant	4,647,118	37,181	4,684,299	3,608,901	41,109	3,650,010	5
6	Customer Advances for Construction	(13,182)	0	(13,182)	(13,182)	0	(13,182)	6
7	Customer Deposits	(23,743)	0	(23,743)	(23,743)	0	(23,743)	7
8	Deferred Credit - Contributed Plant and Retirement Obligations	(14,774)	(1,605)	(16,379)	(14,227)	(1,546)	(15,773)	8
9	Accumulated Deferred Income Taxes	(573,794)	(251,654)	(825,448)	(344,351)	(276,014)	(620,365)	9
10	Total Deductions	(625,493)	(253,259)	(878,752)	(395,504)	(277,560)	(673,063)	10
11	Allowance for Working Capital	110,436	(45,168)	65,268	88,084	(34,761)	53,323	11
12	Regulatory Assets	0	11,089	11,089	0	11,089	11,089	12
13	Regulatory Liabilities	0	0	0	0	0	0	13
14	Total RCND Rate Base	\$4,132,061	(\$250,157)	\$3,881,904	\$3,301,481	(\$260,123)	\$3,041,359	14

Supporting Schedules
B-1

(a) B-4
(b) B-2
(c) B-3 (P2)
(d) B-3 (P3)

Tucson Electric Power Company
Pro Forma Adjustments to RCND Rate Base
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Sahuarita - Nogales Transmission Line	Leashold Improvements UnitSource Energy Headquarters	ARO	Post Test Yr	Post Test Yr Renewable	Delayed Plant	Accumulated Deferred ITC	Accumulated Deferred Income Taxes	Working Capital	Total Adjustments	Line No.
1	Gross Utility Plant in Service	\$0	(\$3,677)	(\$8,307)	\$22,836	\$18,427	\$8,548	\$0	\$0	\$0	\$37,827	1
2	Less: Accumulated Depreciation	\$0	\$0	(\$137)	\$32	\$748	\$3	\$0	\$0	\$0	646	2
3	Net Utility Plant in Service	0	(3,677)	(8,170)	22,804	17,679	8,545	0	0	0	37,181	3
4	Plant Held for Future Use	0	0	0	0	0	0	0	0	0	0	4
5	Total Net Utility Plant	0	(3,677)	(8,170)	22,804	17,679	8,545	0	0	0	37,181	5
6	Customer Advances for Construction	0	0	0	0	0	0	0	0	0	0	6
7	Customer Deposits	0	0	0	0	0	0	0	0	0	0	7
8	Deferred Credit - Contributed Plant and Retirement Obligations	0	0	0	0	0	0	(1,605)	0	0	(1,605)	8
9	Accumulated Deferred Income Taxes	0	0	0	0	0	0	0	(251,654)	0	(251,654)	9
10	Total Deductions	0	0	0	0	0	0	(1,605)	(251,654)	0	(253,259)	10
11	Allowance for Working Capital	0	0	0	0	0	0	0	0	(45,168)	(45,168)	11
12	Regulatory Assets	11,089	0	0	0	0	0	0	0	0	11,089	12
13	Regulatory Liabilities	0	0	0	0	0	0	0	0	0	0	13
14	Total RCND Rate Base	\$11,089	(\$3,677)	(\$8,170)	\$22,804	\$17,679	\$8,545	(\$1,605)	(\$251,654)	(\$45,168)	(\$250,157)	14

Supporting Schedules
N/A

Recap Schedules
B-1

Tucson Electric Power Company
Pro Forma Adjustments to ACC Jurisdiction RCND
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Sahuaria - Nogales Transmission Line	Leashold Improvements Unit-Source Energy Headquarters	ARO	Post Test Yr	Post Test Yr Renewable	Delayed Plant	Accumulated Deferred ITC	Accumulated Deferred Income Taxes	Working Capital	Total Adjustments	Line No.
1	Gross Utility Plant in Service	\$0	(\$2,693)	\$0	\$20,469	\$16,413	\$7,657	\$0	\$0	\$0	\$41,846	1
2	Less: Accumulated Depreciation	\$0	\$0	\$0	\$29	\$702	\$6	\$0	\$0	\$0	737	2
3	Net Utility Plant in Service	0	(2,693)	0	20,440	15,711	7,651	0	0	0	41,109	3
4	Plant Held for Future Use	0	0	0	0	0	0	0	0	0	0	4
5	Total Net Utility Plant	0	(2,693)	0	20,440	15,711	7,651	0	0	0	41,109	5
6	Customer Advances for Construction	0	0	0	0	0	0	0	0	0	0	6
7	Customer Deposits	0	0	0	0	0	0	0	0	0	0	7
8	Deferred Credit - Contributed Plant and Retirement Obligations	0	0	0	0	0	0	(1,546)	0	0	(1,546)	8
9	Accumulated Deferred Income Taxes	0	0	0	0	0	0	0	(276,014)	0	(276,014)	9
10	Total Deductions	0	0	0	0	0	0	(1,546)	(276,014)	0	(277,560)	10
11	Allowance for Working Capital	0	0	0	0	0	0	0	0	(34,761)	(34,761)	11
12	Regulatory Assets	11,089	0	0	0	0	0	0	0	0	11,089	12
13	Regulatory Liabilities	0	0	0	0	0	0	0	0	0	0	13
14	Total RCND Rate Base	\$11,089	(\$2,693)	\$0	\$20,440	\$15,711	\$7,651	(\$1,546)	(\$276,014)	(\$34,761)	(\$260,123)	14

Supporting Schedules
N/A

Recap Schedules
B-1

Tucson Electric Power Company
RCND By Major Plant Accounts
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Function	Plant Account	Description	RCN	Percent	RCND	Line No.
1	INTANGIBLE	301	Organization	\$29	100.000%	\$29	1
2		302	Franchises & Consents	148	0.000%	0	2
3		303	Misc. Intangible Plant	137,741	35.204%	48,491	3
4			Total Intangible Plant	137,918		48,520	4
5	PRODUCTION	310	Land & Rights	6,549	40.852%	2,675	5
6		311	Structures & Improvements	378,240	42.037%	159,001	6
7		312	Boiler Plant Equipment	2,081,013	52.033%	1,082,815	7
8		314	Turbogenerator Units	617,289	53.054%	327,498	8
9		315	Accessory Electric Equipment	388,593	48.659%	189,087	9
10		316	Misc. Power Plant Equipment	55,278	38.040%	21,027	10
11		317	Asset Retirement Obligation	7,210	99.049%	7,141	11
12		114	San Juan Acquisition Adjustment	18,941	0.008%	1	12
13		114	Irvington Unit 4 Acquisition Adj	(22,780)	97.010%	(22,099)	13
14		102	Other	1,016	100.000%	1,016	14
15		340	Land & Rights	1,918	100.000%	1,918	15
16		341	Structures & Improvements	20,347	81.334%	16,549	16
17		342	Fuel Holders, Producers, & Accessories	15,982	83.320%	13,316	17
18		343	Prime Movers	9,484	106.128%	10,065	18
19	344	Generators	238,994	71.974%	172,014	19	
20	345	Accessory Electric Equipment	19,591	33.636%	6,590	20	
21	346	Misc. Power Plant Equipment	12,503	78.638%	9,832	21	
22	347	Asset Retirement Obligation	1,048	98.607%	1,033	22	
23		Total Production Plant	3,851,216		1,999,482	23	
24	TRANSMISSION	350	Land & Land Rights	38,608	50.407%	19,461	24
25		352	Structures & Improvements	47,165	39.525%	18,642	25
26		353	Station Equipment	857,180	56.073%	480,642	26
27		354	Towers & Fixtures	441,175	22.950%	101,251	27
28		355	Poles & Fixtures	70,004	74.900%	52,433	28
29		356	Overhead Conductors & Devices	292,616	24.519%	71,746	29
30		359	Roads & Trails	17,497	12.547%	2,195	30
31			Total Transmission Plant	1,764,245		746,372	31

Supporting Schedules
N/A

Recap Schedules
B-3

Tucson Electric Power Company
RCND By Major Plant Accounts
Test Year Ended December 31, 2011

Line No.	Function	Plant Account	Description	RCN	Percent	RCND	Line No.	
32	DISTRIBUTION	360	Land & Rights	11,311	65.0%	7,356	32	
33		361	Structures & Improvements	19,639	75.8%	14,880	33	
34		362	Station Equipment	368,931	63.9%	235,574	34	
35		364	Poles, Towers, & Fixtures	363,692	62.3%	226,506	35	
36		365	Overhead Conductors & Devices	402,874	58.8%	236,967	36	
37		366	Underground Conduit	105,533	51.1%	53,892	37	
38		367	Underground Conductors & Devices	591,173	56.0%	331,212	38	
39		368	Line Transformers	650,170	50.1%	326,011	39	
40		369	Services	203,320	60.9%	123,751	40	
41		370	Meters	61,530	62.4%	38,377	41	
42		373	Street Lights and Signal Systems	26,790	51.8%	13,873	42	
43		374	Asset Retirement Obligation	50	-8.9%	(4)	43	
44				Total Distribution Plant	<u>2,805,013</u>		<u>1,608,395</u>	44
45		GENERAL	389	Land & Rights	8,818	100.0%	8,818	45
46	390		Structures & Improvements	143,914	81.7%	117,571	46	
47	391		Office Furniture & Equipment	63,009	53.0%	33,393	47	
48	392		Transportation Equipment	41,910	65.2%	27,328	48	
49	393		Stores Equipment	2,546	79.1%	2,015	49	
50	394		Tools, Shop, & Garage Equipment	6,905	55.4%	3,827	50	
51	395		Laboratory Equipment	5,182	54.1%	2,803	51	
52	396		Power Operated Equipment	6,675	78.5%	5,239	52	
53	397		Communication Equipment	50,304	71.0%	35,714	53	
54	398		Misc. Equipment	6,660	54.5%	3,628	54	
55				Total General Plant	<u>335,923</u>		<u>240,335</u>	55
56				Total Plant	<u>\$8,894,315</u>	52.2%	<u>\$4,643,104</u>	56

Supporting Schedules
N/A

Recap Schedules
B-3

Tucson Electric Power Company
Computation of Working Capital
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Total		Original & RCND		Line No.
		Original Cost	RCND Cost	ACC Jurisdiction		
1	Cash Working Capital	(\$25,704)	(\$25,704)	(\$19,359)		1
2	Fuel Inventory	27,953	27,953	25,307		2
3	Materials and Supplies	56,998	56,998	42,837		3
4	Prepayments	6,023	6,023	4,538		4
5	Total Working Capital Allowance	<u>\$65,270</u>	<u>\$65,270</u>	<u>\$53,323</u>		5

Supporting Schedules
B-5 (P2)

Recap Schedules
B-1

Tucson Electric Power Company
Detail of Adjustments to Working Capital
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Actual	Adjustments		Total Adjusted	Line No.
			Thirteen Month Average And Inventory Level	Cash Working Capital		
1	Cash Working Capital	\$0	N/A	(\$25,704)	(\$25,704)	1
2	Fuel Inventory (Account 151)	32,981	(\$5,028)	N/A	27,953	2
3	Materials & Supplies (Accounts 154 and 163)	70,749	(13,751)	N/A	56,998	3
4	Prepayments (Account 165)	6,707	(684)	N/A	6,023	4
5	Total	\$110,437	(\$19,463)	(\$25,704)	\$65,270	5

Supporting Schedules
B-5 (P3)

Recap Schedules
B-5 (P1)

Tucson Electric Power Company
Cash Working Capital - Lead/Lag Study
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Pro Forma Test Year Amount	Revenue Lag Days	Expense Lag Days	Net Lag Days (Col. C - Col. D)	Lead/Lag Factor (Col. E/365)	Cash Working Capital Required (Col. F x Col. B)	Line No.
	(A)	(B)	(C)	(D)	(E)	(F)	(G)	
	Operating Expenses							
	Non-Cash Expenses							
1	Bad Debts Expense	\$2,080,293						1
2	Depreciation	119,580,496						2
3	Amortization	3,481,610						3
4	Deferred Income Taxes	12,803,088						4
	Other Operating Expenses							
5	Salaries and Wages	71,991,108	36.47	10.46	26.01	0.0713	\$5,132,966	5
6	Incentive Compensation	6,247,890	36.47	259.50	(223.03)	(0.6110)	(3,817,461)	6
7	Fuel Expense	285,386,416	36.47	29.50	6.97	0.0191	5,450,881	7
8	Lease Expense	101,812,888	36.47	94.33	(57.86)	(0.1585)	(16,137,343)	8
9	Remote Generating Plant O&M	47,385,627	36.47	(6.90)	43.37	0.1188	5,629,412	9
10	Office Supplies and Expenses	9,594,745	36.47	12.46	24.01	0.0658	631,334	10
11	Outside Services	10,520,391	36.47	44.51	(8.04)	(0.0220)	(231,449)	11
12	Property Insurance	2,271,746	36.47	0.00	36.47	0.0999	226,947	12
13	Injuries and Damages	2,278,506	36.47	(13.27)	49.74	0.1363	310,560	13
14	Pensions and Benefits	17,449,591	36.47	13.03	23.44	0.0642	1,120,264	14
	Miscellaneous General Expenses							
15	Rents	4,285,497	0.00	(2.00)	38.47	0.1054	451,691	15
16	Property Taxes	375,864	0.00	(40.51)	76.98	0.2109	79,270	16
17	Payroll Taxes	39,148,092	0.00	213.78	(177.31)	(0.4858)	(19,018,143)	17
18	Current Income Taxes	7,830,466	0.00	16.53	19.94	0.0546	427,543	18
19	Other Taxes	0	0.00	62.05	(25.58)	(0.0701)	0	19
20	Interest on Customer Deposits	46,168	0.00	91.37	(54.90)	(0.1504)	(6,944)	20
21	Other Operations and Maintenance	(2,439)	0.00	182.50	(146.03)	(0.4001)	976	21
22	Total Operating Expenses	63,312,707	0.00	11.99	24.48	0.0671	4,248,283	22
23	Total Operating Expenses	<u>\$807,880,750</u>						23
	Other Cash Working Capital Elements:							
24	Interest On Long-Term Debt	\$54,838,713	0.00	86.20	(49.73)	(0.1362)	(7,469,033)	24
25	Revenue Taxes and Assessments	\$85,440,494	0.00	48.16	(11.69)	(0.0320)	(2,734,096)	25
26	Total Cash Working Capital						<u>(\$25,704,340)</u>	26

Supporting Schedules

N/A

Recap Schedules

B-2, B-3

Schedule

“C”

Tucson Electric Power Company
Adjusted Test Year Income Statement
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Total Company		ACC Jurisdiction		Line No.
		Unadjusted (a)	Pro Forma Adjustments	Unadjusted	Pro Forma Adjustments (b)	
	Operating Revenues					
1	Electric Retail Revenues	\$657,297	(\$20,359)	\$836,938	(\$20,359)	1
2	Sales for Resale	128,262	(128,262)	(0)	0	2
3	Other Operating Revenue	185,621	(141,240)	44,381	(133,910)	3
4	Total Operating Revenues	1,171,180	(289,861)	881,319	(154,269)	4
	Operating Expenses					
5	Fuel, Purchased Power and Transmission	431,227	(139,038)	292,189	31,272	5
6	Other Operations and Maintenance Expense	388,322 (1)	(50,448)	337,873	42,339	6
7	Depreciation and Amortization	122,429 (2)	(2,848)	119,581	(3,197)	7
8	Taxes Other than Income Taxes	40,251	5,183	45,434	4,161	8
9	Income Taxes	55,790	(42,986)	12,804	(23,564)	9
10	Total Operating Expenses	1,038,019	(230,138)	807,881	51,011	10
11	Operating Income	133,161	(59,729)	\$73,438	(205,280)	11
	Other Income and Deductions					
12	Allowance for Equity Funds	3,841				
13	Other - Net	(2,801)	(2)			
14	Total Other Income and Deductions	1,040				
15	Income Before Interest Expense	134,201				
	Interest Expense					
16	Interest on Long-Term Debt	39,918				
17	Interest on Short-Term Debt	689				
18	Other Interest Expense	10,334 (1)				
19	Allowance for Borrowed Funds	(2,074)				
20	Total Interest Expense	48,867				
21	Income Before Cumulative Effect of Accounting Change	85,334				
22	Cumulative Effect of Accounting Change - Net of Tax	0				
23	Net Income Available for Common Stock	\$85,334				

(1) Includes reclassification of \$45 thousand for Customer Deposit Interest Expense From Other Interest Expense to Other O&M Expense,
(2) Includes reclassification of \$9 thousand for depreciation on Asset Retirement Costs to Other Income and Deductions.

Supporting Schedules Recap Schedules
(a) E-2 A-1
(b) C-2 A-2

Tucson Electric Power Company
Income Statement Pro Forma Adjustments - Total Company
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Implementation Cost Regulatory Asset	State Energy Program	REST & DSM	Green Watts	Springerville Units 3 & 4	Revenue from Sale of S02 Allowances	Total Page Adjustments	Line No.
	Operating Revenues								
1	Electric Retail Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	1
2	Sales for Resale	0	0	0	0	0	0	0	2
3	Other Operating Revenue	0	(1,254)	(46,633)	(81)	(94,898)	0	(142,867)	3
4	Total Operating Revenues	0	(1,254)	(46,633)	(81)	(94,898)	0	(142,867)	4
	Operating Expenses								
5	Fuel, Purchased Power and Transmission	0	0	(5,190)	0	(8,192)	0	(13,382)	5
6	Other Operations and Maintenance Expense	(3,553)	(1,254)	(36,916)	(28)	(62,860)	1	(104,610)	6
7	Depreciation and Amortization	0	0	0	0	0	0	0	7
8	Taxes Other than Income Taxes	0	(1)	(84)	0	(1,525)	0	(1,610)	8
9	Income Taxes	0	0	0	0	0	0	0	9
10	Total Operating Expenses	(3,553)	(1,254)	(42,190)	(28)	(72,577)	1	(119,602)	10
11	Operating Income	\$3,553	\$0	(\$4,443)	(\$53)	(\$22,321)	(\$1)	(\$23,265)	11

Supporting Schedules N/A
Recap Schedules C-1

Tucson Electric Power Company
Income Statement Pro Forma Adjustments - Total Company
Adjusted Test Year Income Statement
(Thousands of Dollars)

Line No.	Description	Sales for Resale	Power Supply Management	Customer and Weather Adjustment	PPFAC Adjustment	Sahuarita - Nogales Transmission Line Amortization	Generating Facilities - Operating Lease	Total Page Adjustments	Line No.
Operating Revenues									
1	Electric Retail Revenues	\$0	\$0	(\$7,922)	(\$12,437)	\$0	\$0	(\$20,359)	1
2	Sales for Resale	(128,262)	0	0	0	0	0	(128,262)	2
3	Other Operating Revenue	0	(642)	0	0	0	0	(642)	3
4	Total Operating Revenues	(128,262)	(642)	(7,922)	(12,437)	0	0	(149,263)	4
Operating Expenses									
5	Fuel, Purchased Power and Transmission	(128,262)	0	0	3,184	0	(617)	(\$125,694)	5
6	Other Operations and Maintenance Expense	0	(239)	0	0	2,983	(2,843)	(\$99)	6
7	Depreciation and Amortization	0	0	0	0	0	0	\$0	7
8	Taxes Other than Income Taxes	0	(8)	0	0	0	0	(\$8)	8
9	Income Taxes	0	0	0	0	0	0	\$0	9
10	Total Operating Expenses	(128,262)	(247)	0	3,184	2,983	(3,459)	(125,801)	10
11	Operating Income	\$0	(\$395)	(\$7,922)	(\$15,621)	(\$2,983)	\$3,459	(\$23,462)	11

Supporting Schedules N/A
Recap Schedules C-1

Tucson Electric Power Company
Income Statement Pro Forma Adjustments - Total Company
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Springerville Unit 1	Overhaul & Outage Normalization	Payroll Expense	Payroll Tax Expense	Pension & Benefits	Retiree Medical	Total Page Adjustments	Line No.
Operating Revenues									
1	Electric Retail Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	1
2	Sales for Resale	0	0	0	0	0	0	0	2
3	Other Operating Revenue	0	0	0	0	0	0	0	3
4	Total Operating Revenues	0	0	0	0	0	0	0	4
Operating Expenses									
5	Fuel, Purchased Power and Transmission	7	0	31	0	0	0	38	5
6	Other Operations and Maintenance Expense	42,510	1,270	3,440	0	226	1,397	48,842	6
7	Depreciation and Amortization	0	0	0	0	0	0	0	7
8	Taxes Other than Income Taxes	3,684	0	0	261	0	0	3,945	8
9	Income Taxes	0	0	0	0	0	0	0	9
10	Total Operating Expenses	46,201	1,270	3,471	261	226	1,397	52,826	10
11	Operating Income	(\$46,201)	(\$1,270)	(\$3,471)	(\$261)	(\$226)	(\$1,397)	(\$52,826)	11

Supporting Schedules N/A Recap Schedules C-1

Tucson Electric Power Company
Income Statement Pro Forma Adjustments - Total Company
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Incentive Compensation	Rate Case Expense	Service Fees & Late Fees	Injuries and Damages	Membership Dues	Bad Debt Expense	Total Page Adjustments	Line No.
Operating Revenues									
1	Electric Retail Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	1
2	Sales for Resale	0	0	0	0	0	0	0	2
3	Other Operating Revenue	0	0	1,110	0	0	0	1,110	3
4	Total Operating Revenues	0	0	1,110	0	0	0	1,110	4
Operating Expenses									
5	Fuel, Purchased Power and Transmission	0	0	0	0	0	0	0	5
6	Other Operations and Maintenance Expense	2,499	247	0	678	(89)	640	3,974	6
7	Depreciation and Amortization	0	0	0	0	0	0	0	7
8	Taxes Other than Income Taxes	187	0	0	0	0	0	187	8
9	Income Taxes	0	0	0	0	0	0	0	9
10	Total Operating Expenses	2,686	247	0	678	(89)	640	4,161	10
11	Operating Income	<u>(\$2,686)</u>	<u>(\$247)</u>	<u>\$1,110</u>	<u>(\$678)</u>	<u>\$89</u>	<u>(\$640)</u>	<u>(\$3,051)</u>	11

Supporting Schedules N/A Recap Schedules C-1

Tucson Electric Power Company
Income Statement Pro Forma Adjustments - Total Company
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	CC&B Allocation	PeopleSoft Allocation	Depr. & Amort. Expense Annualization	Non-Recurring	Property Tax	Asset Retirement Obligation	Total Page Adjustments	Line No.
	Operating Revenues								
1	Electric Retail Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	1
2	Sales for Resale	0	0	0	0	0	0	0	2
3	Other Operating Revenue	718	(65)	0	0	0	0	653	3
4	Total Operating Revenues	718	(65)	0	0	0	0	653	4
	Operating Expenses								
5	Fuel, Purchased Power and Transmission	0	0	0	0	0	0	0	5
6	Other Operations and Maintenance Expense	1,377	(212)	0	(1,109)	0	(363)	(308)	6
7	Depreciation and Amortization	0	0	(2,848)	0	0	0	(2,848)	7
8	Taxes Other than Income Taxes	0	0	0	(683)	3,352	0	2,668	8
9	Income Taxes	0	0	0	0	0	0	0	9
10	Total Operating Expenses	1,377	(212)	(2,848)	(1,793)	3,352	(363)	(487)	10
11	Operating Income	(\$659)	\$147	\$2,848	\$1,793	(\$3,352)	\$363	\$1,140	11

Supporting Schedules N/A Recap Schedules C-1

Tucson Electric Power Company
Income Statement Pro Forma Adjustments - Total Company
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Building Allocation to Affiliates	Building Expense Annualization	Lime Expense	Income Taxes	Total Page Adjustments	Total Adjustments	Line No.
Operating Revenues								
1	Electric Retail Revenues	\$0	\$0	\$0	\$0	\$0	(\$20,359)	1
2	Sales for Resale	0	0	0	0	0	(128,262)	2
3	Other Operating Revenue	506	0	0	0	506	(141,240)	3
4	Total Operating Revenues	506	0	0	0	506	(289,861)	4
Operating Expenses								
5	Fuel, Purchased Power and Transmission	0	0	0	0	0	(139,038)	5
6	Other Operations and Maintenance Expense	0	352	1,399	0	1,751	(50,449)	6
7	Depreciation and Amortization	0	0	0	0	0	(2,848)	7
8	Taxes Other than Income Taxes	0	0	0	0	0	5,183	8
9	Income Taxes	0	0	0	(42,986)	(42,986)	(42,986)	9
10	Total Operating Expenses	0	352	1,399	(42,986)	(41,235)	(230,138)	10
11	Operating Income	\$506	(\$352)	(\$1,399)	\$42,986	\$41,741	(\$59,723)	11

Supporting Schedules N/A
Recap Schedules C-1

Tucson Electric Power Company
Income Statement Pro Forma Adjustments - **ACC-Jurisdiction**
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Implementation Cost Regulatory Asset	State Energy Program	REST & DSM	Green Watts	Springville Units 3 & 4	Revenue from Sale of S02 Allowances	Total Page Adjustments	Line No.
Operating Revenues									
1	Electric Retail Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	1
2	Sales for Resale	0	0	0	0	0	0	0	2
3	Other Operating Revenue	0	(1,254)	(46,633)	(81)	(87,568)	0	(135,537)	3
4	Total Operating Revenues	0	(1,254)	(46,633)	(81)	(87,568)	0	(135,537)	4
Operating Expenses									
5	Fuel, Purchased Power and Transmission	0	0	0	0	(8,192)	0	(8,192)	5
6	Other Operations and Maintenance Expense	(3,553)	(1,253)	(34,067)	(28)	(56,725)	1	(95,625)	6
7	Depreciation and Amortization	0	0	0	0	0	0	0	7
8	Taxes Other than Income Taxes	0	(1)	(62)	0	(1,210)	0	(1,273)	8
9	Income Taxes	0	0	0	0	0	0	0	9
10	Total Operating Expenses	(3,553)	(1,254)	(34,130)	(28)	(66,126)	1	(105,090)	10
11	Operating Income	\$3,553	(\$1)	(\$12,504)	(\$53)	(\$21,442)	(\$1)	(\$30,447)	11

Supporting Schedules N/A
Recap Schedules C-1

Tucson Electric Power Company
Income Statement Pro Forma Adjustments - **ACC Jurisdiction**
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Sales for Resale	Power Supply Management	Customer and Weather Adjustment	PPFAC Adjustment	Sahuarita - Nogales Transmission Line Amortization	Generating Facilities - Operating Lease	Total Page Adjustments	Line No.
Operating Revenues									
1	Electric Retail Revenues	\$0	\$0	(\$7,922)	(\$12,437)	\$0	\$0	(\$20,359)	1
2	Sales for Resale	0	0	0	0	0	0	0	2
3	Other Operating Revenue	0	(642)	0	0	0	0	(642)	3
4	Total Operating Revenues	0	(642)	(7,922)	(12,437)	0	0	(21,001)	4
Operating Expenses									
5	Fuel, Purchased Power and Transmission	(128,262)	0	0	168,304	0	(617)	39,426	5
6	Other Operations and Maintenance Expense	0	(211)	0	0	2,983	(2,532)	239	6
7	Depreciation and Amortization	0	0	0	0	0	0	0	7
8	Taxes Other than Income Taxes	0	(6)	0	0	0	0	(6)	8
9	Income Taxes	0	0	0	0	0	0	0	9
10	Total Operating Expenses	(128,262)	(217)	0	168,304	2,983	(3,148)	39,659	10
11	Operating Income	\$128,262	(\$424)	(\$7,922)	(\$180,741)	(\$2,983)	\$3,148	(\$60,660)	11

Supporting Schedules Recap Schedules
N/A C-1

Tucson Electric Power Company
Income Statement Pro Forma Adjustments - **ACC Jurisdiction**
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Springerville Unit 1	Overhaul & Outage Normalization	Payroll Expense	Payroll Tax Expense	Pension & Benefits	Retiree Medical	Total Page Adjustments	Line No.
Operating Revenues									
1	Electric Retail Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	1
2	Sales for Resale	0	0	0	0	0	0	0	2
3	Other Operating Revenue	0	0	0	0	0	0	0	3
4	Total Operating Revenues	0	0	0	0	0	0	0	4
Operating Expenses									
5	Fuel, Purchased Power and Transmission	7	0	31	0	0	0	38	5
6	Other Operations and Maintenance Expense	37,699	1,192	2,867	0	200	1,235	43,193	6
7	Depreciation and Amortization	0	0	0	0	0	0	0	7
8	Taxes Other than Income Taxes	3,308	0	0	193	0	0	3,502	8
9	Income Taxes	0	0	0	0	0	0	0	9
10	Total Operating Expenses	41,014	1,192	2,899	193	200	1,235	46,734	10
11	Operating Income	(\$41,014)	(\$1,192)	(\$2,899)	(\$193)	(\$200)	(\$1,235)	(\$46,734)	11

Supporting Schedules Recap Schedules
N/A C-1

Tucson Electric Power Company
Income Statement Pro Forma Adjustments - **ACC Jurisdiction**
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Incentive Compensation	Rate Case Expense	Service Fees & Late Fees	Injuries and Damages	Membership Dues	Bad Debt Expense	Total Page Adjustments	Line No.
Operating Revenues									
1	Electric Retail Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	1
2	Sales for Resale	0	0	0	0	0	0	0	2
3	Other Operating Revenue	0	0	1,110	0	0	0	1,110	3
4	Total Operating Revenues	0	0	1,110	0	0	0	1,110	4
Operating Expenses									
5	Fuel, Purchased Power and Transmission	0	0	0	0	0	0	0	5
6	Other Operations and Maintenance Expense	1,875	192	0	599	(80)	640	3,227	6
7	Depreciation and Amortization	0	0	0	0	0	0	0	7
8	Taxes Other than Income Taxes	139	0	0	0	0	0	139	8
9	Income Taxes	0	0	0	0	0	0	0	9
10	Total Operating Expenses	2,014	192	0	599	(80)	640	3,366	10
11	Operating Income	(\$2,014)	(\$192)	\$1,110	(\$599)	\$80	(\$640)	(\$2,256)	11

Supporting Schedules N/A
Recap Schedules C-1

Tucson Electric Power Company
Income Statement Pro Forma Adjustments - **ACC Jurisdiction**
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	CC&B Allocation	PeopleSoft Allocation	Depr. & Amort. Expense Annualization	Non-Recurring	Property Tax	Asset Retirement Obligation	Total Page Adjustments	Line No.
Operating Revenues									
1	Electric Retail Revenues	\$0	\$0	\$0	\$0	\$0	\$0	\$0	1
2	Sales for Resale	0	0	0	0	0	0	0	2
3	Other Operating Revenue	718	(65)	0	0	0	0	653	3
4	Total Operating Revenues	718	(65)	0	0	0	0	653	4
Operating Expenses									
5	Fuel, Purchased Power and Transmission	0	0	0	0	0	0	0	5
6	Other Operations and Maintenance Expense	1,218	(188)	0	(986)	0	(299)	(255)	6
7	Depreciation and Amortization	0	0	(3,197)	0	0	0	(3,197)	7
8	Taxes Other than Income Taxes	0	0	0	(506)	2,306	0	1,799	8
9	Income Taxes	0	0	0	0	0	0	0	9
10	Total Operating Expenses	1,218	(188)	(3,197)	(1,493)	2,306	(299)	(1,653)	10
11	Operating Income	(\$500)	\$123	\$3,197	\$1,493	(\$2,306)	\$299	\$2,306	11

Supporting Schedules N/A Recap Schedules C-1

Tucson Electric Power Company
Income Statement Pro Forma Adjustments - **ACC Jurisdiction**
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	Building Allocation to Affiliates	Building Expense Annualization	Lime Expense	Income Taxes	OATT	Total Page Adjustments	Total Line Adjustments	Line No.
Operating Revenues									
1	Electric Retail Revenues	\$0	\$0	\$0	\$0	\$0	\$0	(\$20,359)	1
2	Sales for Resale	0	0	0	0	0	0	\$0	2
3	Other Operating Revenue	506	0	0	0	0	506	(\$133,910)	3
4	Total Operating Revenues	506	0	0	0	0	506	(\$154,269)	4
Operating Expenses									
5	Fuel, Purchased Power and Transmission	0	0	0	0	0	0	\$31,272	5
6	Other Operations and Maintenance Expense	0	286	1,246	0	90,028	91,560	\$42,339	6
7	Depreciation and Amortization	0	0	0	0	0	0	(\$3,197)	7
8	Taxes Other than Income Taxes	0	0	0	0	0	0	\$4,161	8
9	Income Taxes	0	0	0	(23,564)	0	(23,564)	(\$23,564)	9
10	Total Operating Expenses	0	286	1,246	(23,564)	90,028	67,996	51,011	10
11	Operating Income	506	(\$286)	(\$1,246)	\$23,564	(\$90,028)	(\$67,489)	(\$205,280)	11

Supporting Schedules N/A
Recap Schedules C-1

Tucson Electric Power Company
Computation of Gross Revenue Conversion Factor
Test Year Ended December 31, 2011

Line No.	Description	Percentage of Incremental Gross Revenues	Line No.
1	Gross Revenue	100.00%	1
2	Less: Uncollectible Revenue	0.2486%	2
3	Taxable Income as a Percent	99.75%	3
4	Less: Federal and State Income Taxes (Combined Effective Tax Rate = 39.571%)	39.47%	4
5	Change in Net Operating Income	60.28%	5
6	Gross Revenue Conversion Factor	1.6590 (a)	6

(a) Line No. 1 divided by line No. 5.

<u>Supporting Schedules</u>	<u>Recap Schedules</u>
N/A	A-1

Schedule

“D”

Tucson Electric Power Company
Summary Cost of Capital
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Capital Source	Capitalization			Cost Rate	Weighted Cost of Capital (c)	Line No.
		Amount	Percent				
<u>Actual - End of Test Period</u>							
1	Short-Term Debt	\$10,000	0.53%		1.42%	0.01%	1
2	Long-Term Debt - Net	1,061,389 (1)	55.97%		5.22%	2.92%	2
3	Common Stock Equity	824,943	43.50%		10.75%	4.68%	3
4	Total Capital	<u>\$1,896,332</u>	<u>100.00%</u>			<u>7.61%</u>	4
<u>Proposed - End of Test Period</u>							
5	Short-Term Debt	N/A	N/A		N/A	N/A	5
6	Long-Term Debt - Net	(a) \$1,061,389	54.00%		5.18%	2.80%	6
7	Common Stock Equity	904,146	46.00%		10.75%	4.94%	7
8	Total Capital	<u>\$1,965,535</u>	<u>100.00%</u>			<u>7.74%</u>	8

(1) The balance of Long-Term Debt is stated net of the unamortized balance of debt discount and issuance expense.

Tucson Electric Power Company
Summary Cost of Capital
Projected Year Ended December 31, 2012
(Thousands of Dollars)

Line No.	Capital Source	Capitalization			Cost Rate	Weighted Cost of Capital (b)	Line No.
		Amount	Percent				
<u>Projected as of December 31, 2012</u>							
1	Short-Term Debt	\$0	0.00%		N/A	N/A	1
2	Long-Term Debt - Net	1,183,664	57.80%		4.87%	2.81%	2
3	Common Stock Equity	863,279	42.20%		10.75%	4.54%	3
4	Total Capital	<u>\$2,046,943</u>	<u>100.00%</u>			<u>7.35%</u>	4

Supporting Schedules
(a) D-2

Recap Schedules
(b) A-3

Tucson Electric Power Company
Cost of Long-Term Debt and Short-Term Debt
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	End of Test Period (Actual)			End of Test Period (Proposed)			Line No.
		Outstanding	Annual Interest	Cost Rate	Outstanding	Annual Interest	Cost Rate	
1	Fixed Rate Taxable Bonds							
	5.15% Series due 2020	\$250,000	\$12,875	5.15%	\$250,000	\$12,875	5.15%	1
2	Total Fixed Rate Taxable Bonds	250,000	12,875	5.15%	250,000	12,875	5.15%	2
3	Fixed Rate Tax-Exempt Bonds							
	5.850% 1998 Apache A	83,700	4,897		83,700	4,897		3
4	5.875% 1998 Apache B	99,800	5,863		99,800	5,863		4
5	5.850% 1998 Apache C	16,500	965		16,500	965		5
6	6.375% 2008 Pima A	90,745	5,785		90,745	5,785		6
7	5.750% 2008 Pima B	130,000	7,475		130,000	7,475		7
8	4.950% 2009 Pima A (San Juan)	80,410	3,980		80,410	3,980		8
9	5.125% 2009 Coconino A	14,700	753		14,700	753		9
10	5.250% 2010 Pima A	100,000	5,250		100,000	5,250		10
11	Total Fixed Rate Tax-Exempt Bonds	615,855	34,968	5.68%	615,855	34,968	5.68%	11
12	Variable Rate Tax-Exempt Bonds							
	Variable 1982 Pima A Irvington	38,700	632		38,700	632		12
13	Variable 1982 Pima A Irvington & Four Corners	39,900	649		39,900	649		13
14	Variable 1983 Apache A Springerville	100,000	2,799		100,000	2,799		14
15	Variable 2010 Coconino A	36,700	689		36,700	689		15
16	Total Variable Rate Tax-Exempt Bonds	215,300	4,769	2.21%	215,300	4,769	2.21%	16
17	Total Long-Term Debt	(a) 1,081,155	52,612	4.87%	1,081,155	52,612	4.87%	17
18	Unamortized Debt Discount, Premium and Expense and Loss on Recquired Debt	(19,766)			(19,766)			18
19	Amortization of Debt Discount and Expense and Loss on Recquired Debt		2,378			2,070		19
20	Credit Facility Commitment Fees		395			350		20
21	Total Long-Term Debt - Net	\$1,061,389	\$55,385	5.22%	\$1,061,389	\$55,032	5.18%	21
22	Total Short-Term Debt	\$10,000	\$142	1.42%	\$0	\$0	N/A	22

Supporting Schedules
A-2

Supporting Schedules
(a) E-1 (P2)
E-9

Tucson Electric Power Company
Cost of Long-Term Debt and Short-Term Debt
Projected Period Ended December 31, 2012
(Thousands of Dollars)

Line No.	Description	Projected Period Ended December 31, 2012			Line No.
		Outstanding	Annual Interest	Cost Rate	
1	Fixed Rate Taxable Bonds				1
	5.15% Series due 2020	\$250,000	\$12,875		
2	Total Fixed Rate Taxable Bonds	<u>250,000</u>	<u>12,875</u>	<u>5.15%</u>	2
3	Fixed Rate Tax-Exempt Bonds				3
	6.375% 2008 Pima A	90,745	5,784		
4	5.750% 2008 Pima B	130,000	7,475		4
5	4.950% 2009 Pima A (San Juan)	80,410	3,980		5
6	5.125% 2009 Coconino A	14,700	754		6
7	5.250% 2010 Pima A	100,000	5,250		7
8	4.500% 2012 Apache A	177,000	7,965		8
9	4.500% 2012 Pima A	16,465	741		9
10	Planned Issuance at 4.0%	130,000	5,200		10
11	Total Fixed Rate Tax-Exempt Bonds	<u>739,320</u>	<u>37,149</u>	<u>5.02%</u>	11
12	Variable Rate Tax-Exempt Bonds				12
	Variable 1982 Pima A Irvington	38,700	684		
13	Variable 1982 Pima A Irvington & Four Corners	39,900	705		13
14	Variable 1983 Apache A Springerville	100,000	2,876		14
15	Variable 2010 Coconino A	36,700	695		15
16	Total Variable Rate Tax-Exempt Bonds	<u>215,300</u>	<u>4,960</u>	<u>2.30%</u>	16
17	Total Long-Term Debt	<u>1,204,620</u>	<u>54,984</u>	<u>4.56%</u>	17
18	Unamortized Debt Discount, Premium and Expense and Loss on Reacquired Debt	(20,956)			18
19	Amortization of Debt Discount and Expense and Loss on Reacquired Debt		2,279		19
20	Credit Facility Commitment Fees		350		20
21	Total Long-Term Debt - Net	<u>\$1,183,664</u>	<u>\$57,613</u>	<u>4.87%</u>	21
22	Total Short-Term Debt	\$0	\$0	N/A	22

Recap Schedules
D-1

Supporting Schedules
N/A

Tucson Electric Power Company
Cost of Preferred Stock
Test Year Ended December 31, 2011

No preferred stock was outstanding during the test year.

No preferred stock is expected to be issued.

Supporting Schedules
N/A

Recap Schedules
N/A

Tucson Electric Power Company
Cost of Common Equity
Test Year Ended December 31, 2011

The cost of common equity requested by TEP is 10.75%.

Supporting Schedules
N/A

Recap Schedules
D-1

Schedule

“E”

Tucson Electric Power Company
Comparative Balance Sheets
Test Year Ended December 31, 2011 and Prior Years Ended December 31, 2010 and 2009
(Thousands of Dollars)

Line No.	Description	December 31,		Prior Years Ended December 31,		Line No.
		2011	2010	2010	2009	
1	(a) Utility Plant					
2	Plant in Service	\$4,239,758	\$3,881,459	\$3,881,459	\$3,579,386	1
3	Utility Plant Under Capital Leases	582,669	582,669	582,669	719,922	2
4	Construction Work in Progress	76,517	153,981	153,981	113,390	3
5	Plant Held for Future Use	4,014	3,507	3,507	4,922	4
6	Total Utility Plant	4,902,958	4,621,616	4,621,616	4,417,620	5
7	Accumulated Depreciation and Amortization	(1,973,215)	(1,919,945)	(1,919,945)	(1,745,206)	6
8	Accumulated Depreciation and Amortization - Capital Leases	(476,963)	(460,257)	(460,257)	(573,853)	7
	Total Utility Plant - Net	2,452,780	2,241,414	2,241,414	2,098,561	8
9	Other Property and Investments	65,829	103,844	103,844	132,168	9
10	Investments in Lease Debt and Equity	34,822	39,280	39,280	31,473	10
11	Other	100,651	143,124	143,124	163,641	11
	Total Other Property and Investments					
	Current Assets					
12	Cash and Cash Equivalents	27,657	19,927	19,927	22,374	12
13	Special Deposits and Working Funds	194	12,259	12,259	2,234	13
14	Accounts Receivable - Retail Customers	71,460	78,198	78,198	75,314	14
15	Accounts Receivable - Other	1,148	1,460	1,460	2,074	15
16	Allowance for Doubtful Accounts	(3,766)	(4,106)	(4,106)	(3,805)	16
17	Accrued Unbilled Revenues	32,386	32,217	32,217	32,368	17
18	Intercompany Accounts Receivable	4,190	5,528	5,528	5,331	18
19	Fuel	32,981	29,209	29,209	48,149	19
20	Material and Supplies	70,749	54,732	54,732	56,712	20
21	Prepayments	6,707	5,327	5,327	5,678	21
22	Other	23,082	32,131	32,131	37,836	22
23	Total Current Assets	266,788	266,882	266,882	284,265	23
	Deferred Debits					
24	Income Taxes Recoverable Through Future Revenues	15,092	27,618	27,618	26,010	24
25	Unamortized Debt Discount and Expense	12,959	11,672	11,672	8,758	25
26	Accumulated Deferred Income Taxes	350,444	288,339	288,339	312,531	26
27	Other	207,634	184,491	184,491	151,469	27
28	Total Deferred Debits	586,129	512,120	512,120	498,768	28
29	Total Assets	\$3,406,348	\$3,163,540	\$3,163,540	\$3,045,235	29

Tucson Electric Power Company
Comparative Balance Sheets
Test Year Ended December 31, 2011 and Prior Years Ended December 31, 2010 and 2009
(Thousands of Dollars)

Line No.	Description	Prior Years Ended December 31,			Line No.
		December 31, 2011	2010	2009	
Capitalization					
1	Common Stock	\$888,971	\$858,971	\$843,970	1
2	Capital Stock Expense	(6,357)	(6,357)	(6,357)	2
3	Accumulated Deficit	(47,626)	(132,960)	(181,220)	3
4	Accumulated Other Comprehensive Loss	(10,045)	(9,770)	(5,802)	4
5	Total Common Stock Equity	824,943	709,884	650,591	5
6	Capital Lease Obligations	352,720	429,074	488,311	6
7	Long-Term Debt	1,080,373	1,003,615	903,615	7
8	Total Capitalization	2,258,036	2,142,573	2,042,517	8
Current Liabilities					
9	Current Maturities of Long-Term Debt	0	0	0	9
10	Current Obligations Under Capital Leases	77,482	60,309	40,332	10
11	Accounts Payable	87,338	79,402	72,621	11
12	Note Payable	10,000	0	35,000	12
13	Intercompany Accounts Payable	4,699	3,873	3,540	13
14	Interest Accrued	30,877	31,771	33,970	14
15	Taxes Accrued	20,230	18,457	17,723	15
16	Customer Deposits	23,743	21,191	18,125	16
17	Other	40,906	38,468	39,584	17
18	Total Current Liabilities	295,275	253,471	260,895	18
Deferred Credits and Other Liabilities					
19	Customer Advances for Construction	8,924	8,138	7,892	19
20	Accumulated Deferred Income Taxes	613,728	518,156	501,737	20
21	Other	230,385	241,202	232,194	21
22	Total Deferred Credits and Other Liabilities	853,037	767,496	741,823	22
23	Total Liabilities and Stockholders' Equity	\$3,406,348	\$3,163,540	\$3,045,235	23

Tucson Electric Power Company
Comparative Income Statements
Test Year Ended December 31, 2011 and Prior Years Ended December 31, 2010 and 2009
(Thousands of Dollars)

Line No.	Description	Prior Years Ended December 31,			Line No.
		December 31, 2011	2010	2009	
(a)	Operating Revenues				
1	Electric Retail Revenues	\$857,297	\$830,421	\$842,093	1
2	Sales for Resale	128,262	151,684	148,467	2
3	Other Operating Revenue	185,621	177,576	127,106	3
4	Total Operating Revenues	1,171,180	1,159,681	1,117,666	4
(a)	Operating Expenses				
5	Fuel Expense	294,358	237,354	240,412	6
6	Purchased Power - Demand	4,658	4,408	2,912	7
7	Purchased Power - Energy	132,885	150,407	159,555	8
8	Other Operations and Maintenance Expense	387,603	407,710	392,817	9
9	Depreciation and Amortization	122,438	113,923	123,287	10
10	Taxes Other than Income Taxes	40,251	37,782	37,151	11
11	Income Taxes	55,790	56,294	48,619	12
12	Total Operating Expenses	1,037,983	1,007,878	1,004,753	13
13	Operating Income	133,197	151,803	112,913	14
(a)	Total Other Income and Deductions				
15	Allowance for Equity Funds	3,841	3,568	3,515	15
16	Other - Net	(2,792)	(6,171)	10,305	16
17	Total Other Income and Deductions	1,049	(2,603)	13,820	17
18	Income Before Interest Expense	134,246	149,200	126,733	18
(a)	Interest Expense				
19	Interest on Long Term-Debt	39,918	37,094	30,285	19
20	Interest on Short Term-Debt	689	365	295	20
21	Other Interest Expense	10,379	5,362	7,243	21
22	Allowance for Borrowed Funds	(2,074)	(1,880)	(1,778)	22
23	Total Interest Expense	48,912	40,941	36,045	23
24	Net Income Available for Common Stock	\$85,334	\$108,259	\$90,688	24
25	Earnings Per Share of Average Common Stock Outstanding (1)	N/A	N/A	N/A	25

(1) TEP is a subsidiary of UniSource Energy Corporation and has no publicly traded stock; thus such information is not meaningful.

Tucson Electric Power Company
Comparative Statements of Cash Flows
Test Year Ended December 31, 2011 and Prior Years Ended December 31, 2010 and 2009
(Thousands of Dollars)

Line No.	Description	Prior Years Ended December 31,			Line No.
		December 31, 2011	2010	2009	
Cash Flows from Operating Activities					
1	Cash Receipts from Electric Retail Customers	\$963,247	\$947,498	\$944,873	1
2	Cash Receipts from Electric Wholesale Sales	152,618	190,779	199,918	2
3	Interest Received	5,367	8,998	12,768	3
4	Income Tax Refunds Received	7,492	3,369	14,462	4
5	Other Cash Receipts	154,602	144,305	122,353	5
6	Fuel and Purchased Power Costs Paid	(393,254)	(406,094)	(467,782)	6
7	Payment of Other Operations and Maintenance Costs	(384,502)	(346,864)	(330,364)	7
8	Capital Lease Interest Paid	(32,103)	(38,640)	(38,586)	8
9	Taxes Other Than Income Taxes Paid, Net of Amounts Capitalized	(139,693)	(134,507)	(124,026)	9
10	Interest Paid, Net of Amounts Capitalized	(45,433)	(38,232)	(33,128)	10
11	Income Taxes Paid	(2,346)	(19,663)	(14,606)	11
12	Other Cash Payments	(17,698)	(8,475)	(17,827)	12
13	Net Cash Flows from Operating Activities	<u>268,297</u>	<u>302,474</u>	<u>268,055</u>	13
Cash Flows From Investing Activities					
14	Capital Expenditures	(351,890)	(225,920)	(240,079)	14
15	Payments for Investment in Lease Debt and Equity	0	(51,389)	(31,375)	15
16	Other Payments for Investing Activities	(5,669)	(9,386)	(411)	16
17	Proceeds from Investment in Lease Debt and Equity	38,353	25,615	12,736	17
18	Other Proceeds for Investing Activities	7,195	8,044	9,528	18
19	Net Cash Flows from Investing Activities	<u>(312,011)</u>	<u>(253,036)</u>	<u>(249,601)</u>	19
Cash Flows from Financing Activities					
20	Proceeds from Issuance of Long-Term Debt	260,285	118,245	0	20
21	Proceeds From Borrowing Under Revolving Credit Facility	220,000	177,000	171,000	21
22	Payments From Borrowing Under Revolving Credit Facility	(210,000)	(212,000)	(146,000)	22
23	Dividends Paid to UniSource Energy	0	(60,000)	(60,000)	23
24	Payments on Capital Lease Obligations	(74,343)	(55,889)	(24,091)	24
25	Other Proceeds from Financing Activities	2,458	3,241	2,447	25
26	Equity Investment from UniSource Energy	30,000	15,000	30,000	26
27	Repayments Of Long-Term Debt	(172,460)	(30,000)	0	27
28	Payments of Debt Issue Cost	(3,594)	(5,988)	(1,329)	28
29	Other Payments for Financing Activities	(894)	(1,491)	(1,347)	29
30	Net Cash Flows from Financing Activities	<u>51,452</u>	<u>(51,882)</u>	<u>(29,320)</u>	30
31	Net Increase (Decrease) in Cash and Cash Equivalents	7,738	(2,444)	(10,866)	31
32	Cash and Cash Equivalents, Beginning of Period	19,937	22,381	33,247	32
33	Cash and Cash Equivalents, End of Period	<u>\$27,675</u>	<u>\$19,937</u>	<u>\$22,381</u>	33

Supporting Schedules

N/A

Recap Schedules

A-4, A-5

Tucson Electric Power Company
Comparative Statements of Changes in Stockholders' Equity (Deficit)
Test Year Ended December 31, 2011 and Prior Years Ended December 31, 2010 and 2009
(Thousands of Dollars, except shares outstanding)

Line No.	Description	Common Stock Shares Outstanding	Common Stock Amount	Premium on Common Stock	Common Stock Expense	Accumulated Earnings or (Deficit)	Comprehensive Income	Total Common Stock Equity or (Deficit)	Line No.
1	Balance, December 31, 2008	32,139,434	\$813,971	\$0	(\$6,357)	(\$211,146)	(\$6,855)	\$589,613	1
2	Net Income for Year					\$90,751		\$90,751	2
3	Dividend Declared					(\$60,763)		(\$60,763)	3
4	Equity in Earnings					(\$63)		(\$63)	4
5	Accumulated Other Comprehensive Gain						\$1,053	\$1,053	5
6	Capital Contribution from UniSource Energy		\$30,000					\$30,000	6
7	Balance, December 31, 2009	32,139,434	\$843,971	\$0	(\$6,357)	(\$181,221)	(\$5,802)	\$650,591	7
8	Net Income for Year					\$108,272		\$108,272	8
9	Dividend Declared					(\$60,000)		(\$60,000)	9
10	Equity in Earnings					(\$12)		(\$12)	10
11	Accumulated Other Comprehensive Loss						(\$3,967)	(\$3,967)	11
12	Equity Contribution from UniSource Energy		\$15,000					\$0	12
13	Capital Contribution from UniSource Energy		\$858,971					\$15,000	13
14	Balance, December 31, 2010	32,139,434	\$858,971	\$0	(\$6,357)	(\$132,961)	(\$9,769)	\$709,884	14
15	Repurchased Shares							\$0	15
16	Net Income for Year					\$85,345		\$85,345	16
17	Dividend Declared							\$0	17
18	Equity in Earnings					(\$11)		(\$11)	18
19	Accumulated Other Comprehensive Loss						(\$275)	(\$275)	19
20	Other - Reclassification of Undistributed Subsidiary Losses							\$0	20
21	Capital Contribution from UniSource Energy		\$30,000					\$30,000	21
22	Balance, December 31, 2011	32,139,434	\$888,971	\$0	(\$6,357)	(\$47,627)	(\$10,044)	\$824,943	22

Supporting Schedules
N/A

Recap Schedules
N/A

Tucson Electric Power Company
Detail of Electric Utility Plant - Summary Statement
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Description	December 31, 2011	Net Additions	December 31, 2010	Line No.
1	Utility Plant in Service	\$120,818	\$30,590	\$90,228	1
	Intangible Plant				
	Production Plant				
2	Steam Production Plant	1,641,375	61,678	1,579,697	2
3	Other Production Plant	172,221	24,035	148,186	3
4	Total	1,813,596	85,713	1,727,883	4
5	Transmission Plant	765,654	60,543	705,111	5
6	Distribution Plant	1,233,759	65,314	1,168,445	6
7	General Plant	301,790	115,205	186,585	7
8	Electric Plant Purchased	1,016	934	82	
9	Gross Plant in Service	4,236,633	358,299	3,878,334	9
10	San Juan Acquisition Adjustment	3,125	0	3,125	10
11	Plant Held for Future Use	4,014	507	3,507	11
12	Utility Plant Under Capital Leases	582,669	(0)	582,669	12
13	Construction Work in Progress	76,517	(77,464)	153,981	13
14	Total Utility Plant	4,902,958	281,342	4,621,616	14
15	Accumulated Depreciation and Amortization	(1,973,215)	(53,270)	(1,919,945)	
16	Accumulated Depreciation and Amortization - Capital Leases	(476,963)	(16,706)	(460,257)	16
17	Total Accumulated Depreciation and Amortization	(2,450,178)	(69,976)	(2,380,202)	
18	Total Net Utility Plant in Service	\$2,452,780	\$211,366	\$2,241,414	18

Supporting Schedules
(a) E-5 (P2-4)

Recap Schedules
E-1

Tucson Electric Power Company
Detail of Electric Utility Plant
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Acct. No.	Description	December 31, 2011	Net Additions	December 31, 2010	Line No.
1	301	Intangible Plant				1
2	302	Organization	\$29	\$0	\$29	2
3	303	Franchises & Consents	148	\$0	\$148	3
4		Misc. Intangible Plant	120,641	\$30,590	\$90,051	4
		Total Intangible Plant	120,818	30,590	90,228	
		Production Plant				
5	310	Steam Production Plant				5
6	311	Land & Land Rights	6,549	\$7	\$6,542	6
7	312	Structures & Improvements	168,247	\$9,218	\$159,029	7
8	314	Boiler Plant Equipment	1,020,623	\$23,490	\$997,133	8
9	315	Turbogenerator Units	300,048	\$14,338	\$285,710	9
10	316	Accessory Electric Equipment	116,383	\$6,180	\$110,203	10
11	317	Misc. Power Plant Equipment	22,315	\$959	\$21,356	11
12		Asset Retirement Obligations	7,210	(\$276)	(\$276)	12
		Total Steam Production Plant	1,641,375	61,678	1,579,697	
		Other Production Plant				
13	340	Land & Land Rights	1,917	\$0	\$1,917	13
14	341	Structures & Improvements	14,390	\$11	\$14,379	14
15	342	Fuel Holders, Products and Access.	13,149	\$0	\$13,149	15
16	343	Prime Movers	8,733	\$2,197	\$6,536	16
17	344	Generators	119,948	\$20,706	\$99,242	17
18	345	Accessory Electric Equipment	4,576	\$88	\$4,488	18
19	346	Misc. Power Plant Equipment	8,460	\$8	\$8,452	19
20	347	Asset Retirement Obligations	1,048	\$1,025	\$23	20
21		Total Other Production Plant	172,221	24,035	148,186	21
22		Total Production Plant	1,813,596	85,713	1,727,883	22
		Transmission Plant				
23	350	Land & Land Rights	38,608	(9)	38,617	23
24	352	Structures & Improvements	22,937	2,747	20,190	24
25	353	Station Equipment	389,799	39,132	350,667	25
26	354	Towers & Fixtures	163,161	2,575	160,586	26
27	355	Poles & Fixtures	41,228	11,462	29,766	27
28	356	O.H. Conductors & Devices	104,288	4,636	99,652	28
29	359	Roads & Trails	5,633	0	5,633	29
30		Total Transmission Plant	765,654	60,543	705,111	30

Supporting Schedules
E-5 (P1)

Recap Schedules
E-5 (P1)

Tucson Electric Power Company
Detail of Electric Utility Plant
Test Year Ended December 31, 2011

Line No.	Acct. No.	Description	December 31, 2011	Net Additions	December 31, 2010	Line No.
31	360	Distribution Plant				
32	361	Land & Land Rights	11,312	\$966	\$10,346	31
33	362	Structures & Improvements	11,107	4,669	6,438	32
34	364	Station Equipment	138,343	11,207	127,136	33
35	365	Poles, Towers & Fixtures	159,394	17,658	141,736	34
36	366	O.H. Conductors & Devices	152,687	10,968	141,719	35
37	367	Underground Conduit	53,277	1,411	51,866	36
38	368	U.G. Conductors & Devices	268,486	7,507	260,979	37
39	369	Line Transformers	268,463	4,320	264,143	38
40	370	Services	113,753	4,512	109,241	39
41	371	Meters	45,715	1,966	43,749	40
42	373	Installations on Customer Premises	0	-	-	41
43	374	Street Lighting & Signal Systems	11,173	141	11,032	42
44		Transformer Oil-ARO	49	(11)	60	43
		Total Distribution Plant	<u>1,233,759</u>	<u>65,314</u>	<u>1,168,445</u>	
		General Plant				
45	389	Land & Land Rights	8,818	8,535	283	45
46	390	Structures & Improvements	121,451	73,617	47,834	46
47	391	Office Furniture & Equipment	57,979	16,914	41,065	47
48	392	Transportation Equipment	37,472	758	36,714	48
49	393	Stores Equipment	2,212	370	1,842	49
50	394	Tools, Shop & Garage Equipment	5,859	185	5,674	50
51	395	Laboratory Equipment	5,328	(148)	5,476	51
52	396	Power Operated Equipment	6,037	604	5,433	52
53	397	Communication Equipment	51,283	14,151	37,132	53
54	398	Miscellaneous Equipment	5,351	219	5,132	54
55		Total General Plant	<u>301,790</u>	<u>115,205</u>	<u>186,585</u>	55
56		Electric Plant Purchased	<u>\$1,016</u>	<u>934</u>	<u>\$82</u>	
57		Total Electric Plant in Service	<u>\$4,236,633</u>	<u>\$358,299</u>	<u>\$3,878,334</u>	57

Supporting Schedules
N/A

Recap Schedules
E-5 (P1)

Tucson Electric Power Company
Comparative Departmental Operating Income Statements
Test Year Ended December 31, 2011 and Prior Years Ended December 31, 2010 and 2009
(Thousands of Dollars)

Line No.	Description	Prior Years Ended December 31,			Line No.
		December 31, 2011	2010	2009	
1	Operating Revenues				
	Electric Retail Revenues				
2	Residential	\$383,908	\$372,212	\$377,783	1
3	Commercial	223,621	217,032	219,694	2
4	Industrial and Mining	229,744	222,049	224,752	3
5	Lighting	2,601	2,593	2,723	4
6	Public Authorities	17,423	16,535	17,141	5
7	Total Retail Revenues	857,297	830,421	842,093	6
8	Sales for Resale	128,262	151,684	148,467	7
9	Other Operating Revenue	185,621	177,576	127,106	8
10	Total Operating Revenues	1,171,180	1,159,681	1,117,666	9
	Operating Expenses				
11	Fuel	294,358	237,354	240,412	10
12	Purchased Power - Demand	4,658	4,408	2,912	11
13	Purchased Power - Energy	132,885	150,407	159,555	12
14	Other Operations and Maintenance Expense	387,603	407,710	392,817	13
15	Depreciation and Amortization	122,438	113,923	123,287	14
16	Taxes Other than Income Taxes	40,251	37,782	37,151	15
17	Income Taxes	55,790	56,294	48,619	16
18	Total Operating Expenses	1,037,983	1,007,878	1,004,753	17
19	Operating Income	\$133,197	\$151,803	\$112,913	18

Supporting Schedules
N/A

Recap Schedules
E-2

Tucson Electric Power Company
Electric Operating Statistics
Test Year Ended December 31, 2011 and Prior Years Ended December 31, 2010 and 2009

Line No.	Description	December 31,		Prior Years Ended December 31,		Line No.
		2011	2010	2009	2009	
MWh Sales						
1	Residential	3,888,011	3,869,540	3,905,696		1
2	Commercial	1,972,526	1,963,469	1,988,356		2
3	Industrial and Mining	3,228,233	3,218,076	3,225,776		3
4	Public Authorities	243,337	240,703	250,915		4
5	Total	9,332,107	9,291,788	9,370,743		5
Average Number of Customers						
6	Residential	366,582	365,768	364,755		6
7	Commercial	36,058	35,860	35,660		7
8	Industrial and Mining	638	635	632		8
9	Public Authorities	62	62	61		9
10	Total	403,340	402,325	401,108		10
Average Annual MWh Use						
11	Residential	11	11	11		11
12	Commercial	55	55	56		12
13	Industrial and Mining	5,060	5,068	5,104		13
14	Public Authorities	3,925	3,882	4,113		14
15	Total	23	23	23		15
16	Average Annual Revenue per Residential Customer	\$1,047	\$1,018	\$1,036		16
Direct Production Expenses						
17	Per Retail and Wholesale kWh Sold (cents)	5.29	5.24	4.90		17
Direct Transmission Expenses						
18	Per Retail and Wholesale kWh Sold (cents)	0.10	0.14	0.12		18
<u>Supporting Schedules</u>		<u>Recap Schedules</u>				
N/A		N/A				

Tucson Electric Power Company
Taxes Charged to Operations
Test Year Ended December 31, 2011 and Prior Years Ended December 31, 2010 and 2009
(Thousands of Dollars)

Line No.	Description	Prior Years Ended December 31,			Line No.
		December 31, 2011	2010	2009	
Federal Taxes					
1	Income	(\$2,455)	\$25,433	\$2,760	1
2	Unemployment	63	81	56	2
3	FICA	6,709	6,135	6,158	3
4	Deferred Income Taxes	48,995	22,468	37,467	4
5	Total	53,312	54,117	46,441	5
State Taxes					
6	Income	(1,141)	6,032	171	6
7	Unemployment	106	54	46	7
8	Premium Receipts Tax	0	50	74	8
9	Real and Personal Property	0	0	0	9
10	Deferred Income Taxes	10,391	2,361	8,221	10
11	Other	686	29	0	11
12	Total	10,042	8,526	8,512	12
Local Taxes					
13	Income	0	0	0	13
14	Real and Personal Property	32,642	31,309	30,754	14
15	Other	45	124	63	15
16	Total	32,687	31,433	30,817	16
17	Total Taxes Charged to Operating Expenses	\$96,041	\$94,076	\$85,770	17

Note: Taxes and assessments related to sales of energy are not included in revenues or other tax expense categories. Payroll taxes for 2009 reflect original FERC filing balances and do not include subsequent tax reclasses.

Tucson Electric Power Company
Test Year Ended December 31, 2011
Notes to Financial Statements

See the attached FERC Form 1 as of December 31, 2011.

Supporting Schedules
N/A

Recap Schedules
N/A

Schedule

“F”

Tucson Electric Power Company
Income Statement - Test Year Ended December 31, 2011 and
Projected Year Ended December 31, 2012 at Present and Proposed Rates
(Thousands of Dollars Except Return on Average Common Equity)

Line No.	Description	Test Year Ended December 31, 2011 (a)	Projected Year Ended December 31, 2012		Line No.
			Present Rates	Proposed Rates	
1	Operating Revenues	\$1,171,180	\$1,141,125	\$1,269,994	1
2	Operating Expenses				2
3	Fuel Expense	294,358	347,402	347,402	3
4	Purchased Power - Demand	4,658	0	0	4
5	Purchased Power - Energy	132,885	64,034	64,034	5
6	Other Operations and Maintenance Expense	387,603	393,181	390,189	6
7	Depreciation and Amortization	122,438	135,381	126,639	7
8	Taxes Other than Income Taxes	40,251	41,248	41,248	8
9	Income Taxes	55,790	41,663	97,566	9
10	Total Operating Expenses	1,037,963	1,022,909	1,067,078	10
11	Operating Income	133,197	118,216	202,916	11
12	Total Other Income and Deductions				12
13	Income Before Interest Expense	134,246	117,464	202,164	13
14	Interest Expense				14
15	Interest on Long-Term Debt	39,918	47,706	47,706	15
16	Interest on Short-Term Debt	689	1,388	653	16
17	Other Interest Expense	10,379	6,495	6,495	17
18	Allowance for Borrowed Funds	(2,074)	(1,793)	(1,793)	18
19	Total Interest Expense	48,912	53,796	53,061	19
20	Net Income Available for Common Stock	\$85,334	\$63,669	\$149,103	20
21	Earnings Per Share of Average Common Stock Outstanding	(1)	N/A	N/A	21
22	Return on Average Common Equity	11.12%	7.54%	16.81%	22

(1) TEP is a subsidiary of UNS Energy Corporation and has no publicly traded stock; thus such information is not meaningful.

Note: The statements above do not reflect ratemaking adjustments or jurisdictional allocations.

Tucson Electric Power Company
Statement of Cash Flows - Test Year Ended December 31, 2011 and
Projected Year Ended December 31, 2012 at Present and Proposed Rates
(Thousands of Dollars)

Line No.	Description	Test Year Ended December 31, 2011 (a)	Projected Year Ended December 31, 2012		Line No.
			Present Rates	Proposed Rates	
1	Cash Flows from Operating Activities				
2	Cash Receipts from Electric Retail Customers	\$963,247	\$996,570	\$1,124,330	1
3	Cash Receipts from Electric Wholesale Sales	152,618	98,311	98,311	2
4	Interest Received	5,367	2,014	2,014	3
5	Income Tax Refunds Received	7,492	(1,596)	(1,596)	4
6	Other Cash Receipts	154,602	124,077	125,187	5
7	Fuel and Purchased Power Costs Paid	(393,254)	(393,452)	(393,452)	6
8	Payment of Other Operations and Maintenance Costs	(384,502)	(351,416)	(351,416)	7
9	Capital Lease Interest Paid	(32,103)	(27,880)	(27,880)	8
10	Taxes Other Than Income Taxes Paid, Net of Amounts Capitalized	(139,693)	(130,394)	(130,394)	9
11	Interest Paid, Net of Amounts Capitalized	(45,433)	(52,825)	(53,558)	10
12	Income Taxes Paid	(2,346)	(799)	(10,848)	11
13	Other Cash Payments	(17,698)	(7,699)	(7,699)	12
	Net Cash Flows from Operating Activities	268,297	254,911	372,999	13
14	Cash Flows from Investing Activities				
15	Capital Expenditures	(351,890)	(295,193)	(295,193)	14
16	Payments for Investment in Lease Debt and Equity	0	0	0	15
17	Other Payments for Investing Activities	(5,669)	0	0	16
18	Proceeds from Investment in Lease Debt and Equity	38,353	19,343	19,343	17
19	Other Proceeds from Investing Activities	7,195	23,749	23,749	18
	Net Cash Flows from Investing Activities	(312,011)	(252,101)	(252,101)	19
20	Cash Flow from Financing Activities				
21	Proceeds from Issuance of Long-Term Debt	260,285	130,000	30,000	20
22	Proceeds From Borrowing Under Revolving Credit Facility	220,000	0	0	21
23	Payments From Borrowing Under Revolving Credit Facility	(210,000)	(10,000)	(10,000)	22
24	Dividends Paid to UNS Energy	0	(25,468)	(25,468)	23
25	Payments on Capital Lease Obligations	(74,343)	(89,960)	(89,960)	24
26	Other Proceeds from Financing Activities	2,458	0	0	25
27	Equity Investment from UNS Energy	30,000	0	0	26
28	Repayments of Long-Term Debt	(172,460)	(6,535)	(6,535)	27
29	Payments of Debt Issue Cost	(3,594)	0	0	28
30	Other Payments for Financing Activities	(694)	(2,592)	(2,592)	29
	Net Cash Flows from Financing Activities	51,452	(4,555)	(104,555)	30
31	Net Increase (Decrease) in Cash	\$7,738	(\$1,745)	\$16,343	31

Supporting Schedule
(a) E-3

Recap Schedules
A-5

Tucson Electric Power Company
Projected Construction Requirements
Test Year Ended December 31, 2011 and Projected Years 2012 through 2014 as of December 31
(Thousands of Dollars)

Line No.	Description	Test Year Ended December 31, 2011 (a), (b)	Projected Year Ended December 31,			Total 2012-2014	Line No.
			2012 (a), (b)	2013 (a)	2014 (a)		
1	Production Plant	\$97,347	\$103,981	\$128,253	\$211,580	\$443,814	1
2	Transmission Plant	59,222	47,067	98,286	61,325	206,678	2
3	Distribution Plant	72,036	101,237	79,525	66,444	247,206	3
4	General Plant	121,212	41,109	37,364	37,833	116,306	4
5	Construction Expenditures	\$349,817	\$293,394	\$343,428	\$377,182	\$1,014,004	5
6	Capitalized Interest	2,073	1,798	2,621	2,499	6,918	6
7	Gross Construction Expenditures	351,890	295,192	346,049	379,681	1,020,922	7
8	Contributions in Aid of Construction	(4,316)	(25,973)	(7,870)	(479)	(34,322)	8
9	Net Construction Expenditures	\$347,574	\$269,219	\$338,179	\$379,202	\$986,600	9

Supporting Schedules
N/A

Recap Schedules
(a) A-4
(b) F-2

Tucson Electric Power Company
Key Assumptions Used in Preparing Forecasts

Customer Growth and Sales

Retail customer growth is forecasted to be 0.5% in 2012.
Retail Sales growth is forecasted to be (0.8)% in 2012.

Purchased Gas Costs

Natural gas costs are forecasted using forward market projections and completed hedging transactions as of March 12, 2012.

Energy Pricing for Purchases and Wholesale Sales

Energy Pricing for Purchases and Wholesale Sales is based on forward market projections as of March 12, 2012

Operations and Maintenance Expenses

O&M Expenses for 2012 are based on projections as of April 2012.

Projected Construction Requirements Schedule F3

Construction expenditures for 2012 are based on projections as of March 2012. Construction expenditures for 2013-2014 are based on the capital budget forecast as of December 2011.

Interest Rate Assumptions

The interest rate on temporary investments is forecasted at 0.026% in 2012.
The interest rate on short-term borrowings is forecasted at 1.366% in 2012.

Schedule

“G”

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY - SUMMARY AT PRESENT RATES
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	DESCRIPTION	TOTAL (A)	RESIDENTIAL SERVICE (B)	SMALL GENERAL SERVICE (C)	LARGE GENERAL SERVICE (E)	LARGE LIGHT & POWER (F)	MINING (G)	LIGHTING (H)	
DEVELOPMENT OF RATE BASE									
1	Electric Plant in Service	\$3,199,453,192	\$1,878,116,299	\$633,777,721	\$397,511,374	\$196,472,423	\$220,910,445	\$72,664,929	
2	Depreciation & Amort. Reserve	1,411,638,679	\$736,175,364	\$280,882,671	\$176,580,604	\$87,667,644	\$98,576,149	\$31,756,248	
3	Net Plant in Service	\$1,787,814,513	\$841,940,935	\$352,895,050	\$220,930,770	\$108,804,780	\$122,334,297	\$40,908,681	
4									
5	ADDITIONS & DEDUCTIONS								
6	Cash Working Capital	(\$19,358,886)	(\$9,932,611)	(\$3,948,256)	(\$2,371,268)	(\$1,271,572)	(\$1,651,467)	(\$202,712)	
7	Fuel Inventory	25,307,037	12,419,792	5,317,292	3,276,671	1,775,662	2,310,087	207,533	
8	Materials & Supplies	42,837,160	22,488,132	8,485,587	5,322,240	2,630,550	2,957,748	972,904	
9	Prepayments	4,537,991	2,380,181	898,928	563,816	278,670	313,332	103,065	
10	Customer Advances for Construction	(8,923,750)	(4,614,433)	(1,791,248)	(1,118,969)	(565,143)	(659,706)	(174,249)	
11	Customer Deposits	(23,743,247)	(9,901,609)	(12,408,985)	(480,953)	0	(947,000)	(4,700)	
12	Deferred Credits - Asset Retirement	(15,832,306)	0	(3,053,600)	(1,818,128)	(896,629)	(1,007,825)	(332,373)	
13	Plant Held for Future Use	0	0	0	0	0	0	0	
14	Regulatory Assets	11,088,732	5,821,563	2,105,087	1,488,942	634,939	506,232	531,969	
15	Accum. Deferred Income Taxes	(284,653,881)	(149,301,237)	(56,386,913)	(35,366,404)	(17,480,081)	(19,654,301)	(6,464,965)	
16	Total Additions & Deductions	(\$268,741,152)	(\$138,383,976)	(\$80,763,109)	(\$30,504,053)	(\$14,893,585)	(\$17,812,902)	(\$5,363,528)	
17	TOTAL RATE BASE	\$1,519,073,362	\$802,556,960	\$292,111,942	\$190,426,718	\$93,911,195	\$104,521,395	\$35,545,153	
DEVELOPMENT OF RETURN REVENUES FROM ELECTRIC SALES									
18	Base Revenues Present Rates	\$821,323,518	\$368,827,852	\$231,044,953	\$99,394,498	\$57,537,143	\$61,583,072	\$3,936,000	
19	Revenue Adjustments	(7,922,110)	(5,255,327)	(3,797)	(2,293,308)	(3,012,116)	(\$1,944,178)	(0)	
20	TOTAL ELECTRIC REVENUE FROM SALES	\$813,401,407	\$363,572,524	\$231,041,156	\$100,687,806	\$54,525,027	\$59,638,894	\$3,936,000	
OTHER OPERATING REVENUES									
21	Miscellaneous Service Revenue	\$5,806,044	\$5,096,835	\$590,820	\$51,703	\$27,999	\$30,625	\$8,062	
22	OTHER REVENUE	23,375,925	10,497,315	6,575,837	2,800,434	1,637,581	1,752,734	112,024	
23	TOTAL OTHER OPERATING REVENUE	\$29,181,969	\$15,594,150	\$7,166,657	\$2,852,137	\$1,665,580	\$1,783,358	\$120,086	
24	TOTAL ELECTRIC OPERATING REVENUE	\$842,583,376	\$379,166,675	\$238,207,813	\$103,539,944	\$56,190,607	\$61,422,252	\$4,056,085	
OPERATING EXPENSES									
25	Operation & Maintenance	\$674,132,594	\$317,770,341	\$146,743,332	\$86,870,578	\$52,063,967	\$65,138,275	\$5,546,100	
26	Depreciation & Amortization	97,310,414	51,196,987	19,369,658	11,802,301	5,964,736	6,990,799	1,985,930	
27	Interest on Customer Deposits	45,852	19,122	23,964	929	0	1,829	9	
28	Taxes Other Than Income	35,141,489	18,481,140	6,943,554	4,358,441	2,145,152	2,393,833	819,368	
29	Tax Expense	7,018,368	3,681,141	1,990,264	871,987	430,985	484,592	159,399	
30	TOTAL OPERATING EXPENSES	\$813,648,717	\$391,148,732	\$174,470,771	\$103,904,235	\$60,604,842	\$75,009,329	\$8,510,806	
31	OPERATING INCOME	\$29,934,659	(\$11,982,057)	\$63,737,041	(\$364,292)	(\$4,414,235)	(\$13,587,077)	(\$4,454,721)	
32	RATE OF RETURN ON RATE BASE (ORIGINAL COST RATE BASE)	1.90%	-1.49%	21.82%	-0.19%	-4.70%	-13.00%	-12.53%	
34	OPERATING INCOME EXCLUDES OTHER								
35	OPERATING REVENUE	(\$247,309)	(\$27,576,208)	\$56,570,384	(\$3,216,429)	(\$6,079,815)	(\$15,370,435)	(\$4,574,807)	
36	RATE OF RETURN	-0.02%	-3.44%	19.37%	-1.69%	-6.47%	-14.71%	-12.87%	
INPUTS									
37	ANNUAL BOOKED KWH SALES	9,332,107,046	3,887,303,985	2,179,139,280	1,222,821,614	922,341,014	1,083,071,404	37,430,790	
38	PRESENT SALES REVENUES	\$821,323,518	\$368,827,852	\$231,044,953	\$98,394,498	\$57,537,143	\$61,583,072	\$3,936,000	
39	TEST YEAR UNADJUSTED CUSTOMERS	5,112,747	4,423,307	446,993	7,446	180	24	234,797	

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY - SUMMARY AT PROPOSED RATES
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	DESCRIPTION	TOTAL (A)	RESIDENTIAL SERVICE (B)	SMALL GENERAL SERVICE (C)	LARGE GENERAL SERVICE (E)	LARGE LIGHT & POWER (F)	MINING (G)	LIGHTING (H)
1	DEVELOPMENT OF RATE BASE							
2	Electric Plant in Service	\$3,196,453,192	\$1,676,116,299	\$633,777,721	\$397,511,374	\$196,472,423	\$220,910,445	\$72,664,929
3	Depreciation & Amort. Reserve	1,411,638,679	\$736,175,364	\$280,892,671	\$176,580,604	\$87,667,644	\$98,576,149	\$31,756,248
3	Net Plant in Service	\$1,787,814,513	\$941,940,935	\$352,885,050	\$220,930,770	\$108,804,780	\$122,334,237	\$40,908,681
4	ADDITIONS & DEDUCTIONS							
5	Cash Working Capital	(\$19,356,866)	(\$9,832,611)	(\$3,949,256)	(\$2,371,268)	(\$1,271,572)	(\$1,631,467)	(\$202,712)
6	Fuel Inventory	25,307,037	\$12,419,792	\$5,317,292	\$3,276,671	\$1,775,662	\$2,310,087	\$207,533
7	Materials & Supplies	42,837,160	\$22,468,132	\$8,485,587	\$5,322,240	\$2,630,550	\$2,957,748	\$972,904
8	Prepayments	4,537,991	\$2,380,181	\$896,928	\$563,816	\$278,670	\$313,332	\$103,065
9	Customer Advances for Construction	(8,923,750)	(\$4,614,433)	(\$1,791,248)	(\$1,118,969)	(\$565,143)	(\$659,708)	(\$174,249)
10	Customer Deposits	(23,743,247)	(\$9,801,609)	(\$12,408,985)	(\$480,953)	\$0	(\$847,000)	(\$4,700)
11	Deferred Credits - Asset Retirement	(15,932,308)	(\$8,723,753)	(\$3,053,600)	(\$1,818,128)	(\$896,629)	(\$1,007,825)	(\$332,373)
12	Plant Held for Future Use	0	\$0	\$0	\$0	\$0	\$0	\$0
13	Regulatory Assets	11,088,732	\$5,821,563	\$2,105,087	\$1,468,942	\$634,939	\$506,232	\$531,969
14	Accum. Deferred Income Taxes	(284,553,881)	(\$149,301,237)	(\$56,386,913)	(\$35,366,404)	(\$17,480,061)	(\$19,654,301)	(\$6,484,965)
14	Total Additions & Deductions	(\$268,741,152)	(\$139,393,976)	(\$60,763,109)	(\$30,504,053)	(\$14,893,585)	(\$17,812,902)	(\$5,363,526)
15	TOTAL RATE BASE	\$1,519,073,362	\$802,556,960	\$292,111,942	\$190,426,718	\$93,911,195	\$104,521,395	\$35,546,153
15	CLAIMED RATE OF RETURN	7.74%	7.74%	7.74%	7.74%	7.74%	7.74%	7.74%
16	RETURN ON RATE BASE	\$117,609,698	\$62,135,565	\$22,615,891	\$14,743,217	\$7,270,793	\$8,092,255	\$2,751,977
17	PROPOSED SALES REVENUE	\$964,697,920	\$423,613,990	\$258,319,487	\$134,680,140	\$66,607,120	\$74,206,301	\$5,270,852
18	OTHER OPERATING REVENUES							
19	Miscellaneous Service Revenue	\$5,806,044	\$5,086,935	\$590,920	\$51,703	\$27,999	\$30,625	\$8,062
20	Other Revenue	23,375,925	\$10,497,315	\$6,575,837	\$2,800,434	\$1,637,581	\$1,752,734	\$112,024
20	TOTAL OTHER OPERATING REVENUE	\$29,181,969	\$15,584,150	\$7,166,857	\$2,852,137	\$1,665,580	\$1,783,358	\$120,086
21	TOTAL GAS OPERATING REVENUE	\$993,879,889	\$439,208,140	\$265,486,144	\$137,532,277	\$70,272,699	\$75,989,659	\$5,390,968
22	OPERATING EXPENSES							
23	Operation & Maintenance	\$674,132,594	\$317,770,341	\$146,743,332	\$86,870,578	\$52,063,987	\$65,138,275	\$5,546,100
24	Depreciation & Amortization	97,310,414	51,196,967	19,369,658	11,802,301	5,964,738	6,990,799	1,985,930
25	Interest on Customer Deposits	45,852	19,122	23,964	929	0	1,829	9
26	Taxes Other Than Income	35,141,489	18,481,140	6,943,554	4,358,441	2,145,152	2,393,833	819,368
27	Tax Expense	57,765,995	25,365,954	15,468,140	8,064,630	4,106,186	4,443,464	315,620
27	TOTAL OPERATING EXPENSES	\$864,396,343	\$412,833,545	\$188,546,647	\$111,096,879	\$64,282,044	\$76,968,201	\$8,667,027
28	OPERATING INCOME	\$129,483,545	\$26,374,595	\$76,937,497	\$26,435,399	\$5,990,656	(\$2,978,542)	(\$3,276,059)
29	RATE OF RETURN ON RATE BASE	8.52%	3.29%	26.34%	13.88%	6.38%	-2.85%	-9.22%
30	RETURN AT PROPOSED RATES	\$100,301,577	\$16,780,445	\$69,770,840	\$23,583,261	\$4,325,076	(\$4,761,900)	(\$3,396,145)
31	RETURN ON RATE BASE	6.60%	1.34%	23.89%	12.38%	4.61%	-4.56%	-9.55%
32	INPUTS							
33	ANNUAL BOOKED kWh SALES	9,285,592,991	3,829,091,022	2,178,664,586	1,263,153,972	694,241,218	1,083,071,404	37,430,789
34	PROPOSED SALES REVENUES	\$964,697,920	\$423,613,990	\$258,319,487	\$134,680,140	\$66,607,120	\$74,206,301	\$5,270,852
35	TEST YEAR ADJUSTED CUSTOMERS	4,908,593	4,432,722	448,639	7,476	156	24	19,566
36	PERCENTAGE OF SALES	100%	41.24%	23.46%	13.60%	9.63%	11.65%	0.40%
37	PERCENTAGE OF CUSTOMERS	100%	90.31%	9.14%	0.15%	0.00%	0.00%	0.40%

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	TOTAL TEP	TOTAL RESIDENTIAL	TOTAL SMALL GENERAL SERVICE	TOTAL LARGE GENERAL SERVICE
1	301-303	Total Intangible Plant	PISXGENL	\$95,706,208	\$50,197,999	\$18,958,384	\$11,890,878
2		Total Steam Production					
3	310	Land & Land Rights	DPROD	\$5,832,902	\$2,862,581	\$1,225,558	\$755,225
4	311	Structures & Improvements	DPROD	150,424,871	73,823,165	31,605,948	19,476,515
5	312	Boiler Plant Equipment	DPROD	921,064,717	452,025,734	193,526,001	119,256,413
6	313	Engines & Engine-Driven Generators	DPROD	0	0	0	0
7	314	Turbogenerator Units	DPROD	281,697,618	138,247,150	59,187,821	36,473,276
8	315	Accessory Electric Equipment	DPROD	104,531,994	51,300,577	21,963,341	13,534,457
9	316	Miscellaneous Power Plant Equipment	DPROD	20,940,315	10,276,760	4,398,794	2,711,283
10	114	San Juan & Irvington Acquisition Adjustmen	DPROD	(16,397,872)	(8,047,491)	(3,445,376)	(2,123,142)
11	102	Electric Plant Purchased or Sold	DPROD	953,269	467,830	200,292	129,426
12		Total Steam Production		\$1,469,047,814	\$720,956,307	\$308,663,380	\$190,207,452
13		Other Production Plant					
14	340	Land & Land Rights	DPROD	\$1,707,948	\$638,200	\$358,859	\$221,139
15	341	Structures & Improvements	DPROD	12,835,227	6,299,072	2,696,825	1,661,863
16	342	Fuel Holders, Producers, & Accessories	DPROD	11,711,663	5,747,667	2,460,751	1,516,387
17	343	Prime Movers	DPROD	7,687,445	3,772,724	1,615,218	995,345
18	344	Generators	DPROD	123,406,471	60,563,497	25,929,080	15,978,262
19	345	Accessory Electric Equipment	DPROD	4,089,409	2,006,936	859,230	529,483
20	346	Miscellaneous Power Plant Equipment	DPROD	7,534,666	3,697,746	1,583,118	975,564
		Total Other Production Plant		\$168,972,828	\$82,925,842	\$35,503,081	\$21,878,043
21		Total Production Plant		\$1,638,020,642	\$803,882,148	\$344,166,461	\$212,085,494
22	350-359	Transmission Non-EHV (138 KV & below)	0	\$0	\$0	\$0	\$0
23	350-359	Transmission EHV (345 KV & above)	DTNEHV	0	0	0	0
24		Total Transmission Plant	DTEHV	\$0	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	TOTAL LARGE LIGHT & POWER	TOTAL MINING	TOTAL LIGHTING
1	301-303	Total Intangible Plant	PISXGENL	\$5,877,139	\$6,608,161	\$2,173,648
2		Total Steam Production				
3	310	Land & Land Rights	DPROD	\$409,264	\$532,441	\$47,833
4	311	Structures & Improvements	DPROD	10,554,525	13,731,144	1,233,574
5	312	Boiler Plant Equipment	DPROD	64,626,283	84,077,004	7,553,282
6	313	Engines & Engine-Driven Generators	DPROD	0	0	0
7	314	Turbogenerator Units	DPROD	19,765,245	25,714,037	2,310,089
8	315	Accessory Electric Equipment	DPROD	7,334,462	9,541,932	857,225
9	316	Miscellaneous Power Plant Equipment	DPROD	1,469,272	1,911,482	171,723
10	114	San Juan & Irvington Acquisition Adjustment	DPROD	(1,150,553)	(1,496,837)	(134,472)
11	102	Electric Plant Purchased or Sold	DPROD	66,886	87,017	7,817
12		Total Steam Production		\$103,075,384	\$134,098,221	\$12,047,071
13		Other Production Plant				
14	340	Land & Land Rights	DPROD	\$119,838	\$155,906	\$14,006
15	341	Structures & Improvements	DPROD	900,581	1,171,630	105,257
16	342	Fuel Holders, Producers, & Accessories	DPROD	821,746	1,069,069	96,043
17	343	Prime Movers	DPROD	539,388	701,728	63,042
18	344	Generators	DPROD	8,658,785	11,264,840	1,012,007
19	345	Accessory Electric Equipment	DPROD	286,932	373,291	33,536
20	346	Miscellaneous Power Plant Equipment	DPROD	528,668	687,782	61,789
		Total Other Production Plant		\$11,855,938	\$15,424,246	\$1,385,678
21		Total Production Plant		\$114,931,322	\$149,522,467	\$13,432,749
22	350-359	Transmission Non-EHV (138 KV & below)	0	\$0	\$0	\$0
23	350-359	Transmission EHV (345 KV & above)	DITNEHV DITEHV	0 0	0 0	0 0
24		Total Transmission Plant	0	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		RESIDENTIAL STANDARD SERVICE		RESIDENTIAL TIME-OF-USE SERVICE	
			DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
1	301-303	Total Intangible Plant	\$44,175,607	\$0	\$4,403,513	\$0	\$1,379,841	\$0
2		Total Steam Production						\$239,039
3	310	Land & Land Rights	\$2,771,399	\$0	\$0	\$0	\$91,181	\$0
4	311	Structures & Improvements	71,471,688	0	0	0	2,351,477	0
5	312	Boiler Plant Equipment	437,627,431	0	0	0	14,398,303	0
6	313	Engines & Engine-Driven Generators	0	0	0	0	0	0
7	314	Turbogenerator Units	133,843,586	0	0	0	4,403,564	0
8	315	Accessory Electric Equipment	49,666,508	0	0	0	1,634,069	0
9	316	Miscellaneous Power Plant Equipment	9,949,416	0	0	0	327,344	0
10	114	San Juan & Irvington Acquisition Adjustmen	(7,791,156)	0	0	0	(256,335)	0
11	102	Electric Plant Purchased or Sold	452,929	0	0	0	14,902	0
12		Total Steam Production	\$697,991,801	\$0	\$0	\$0	\$22,964,505	\$0
13		Other Production Plant						\$0
14	340	Land & Land Rights	\$811,501	\$0	\$0	\$0	\$26,699	\$0
15	341	Structures & Improvements	6,098,429	0	0	0	200,643	0
16	342	Fuel Holders, Producers, & Accessories	5,564,587	0	0	0	183,080	0
17	343	Prime Movers	3,652,552	0	0	0	120,172	0
18	344	Generators	58,634,378	0	0	0	1,929,119	0
19	345	Accessory Electric Equipment	1,943,009	0	0	0	63,927	0
20	346	Miscellaneous Power Plant Equipment	3,579,962	0	0	0	117,784	0
21		Total Other Production Plant	\$80,284,418	\$0	\$0	\$0	\$2,641,423	\$0
22		Total Production Plant	\$778,276,219	\$0	\$0	\$0	\$25,605,929	\$0
23	350-359	Transmission Non-EHV (138 KV & below)	\$0	\$0	\$0	\$0	\$0	\$0
24	350-359	Transmission EHV (345 KV & above)	0	0	0	0	0	0
		Total Transmission Plant	\$0	\$0	\$0	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		SMALL GENERAL SERVICE		SMALL GENERAL SERVICE TIME OF USE			
			PISXGENL	Allocation	DEMAND	ENERGY	DEMAND	ENERGY	CUSTOMER	CUSTOMER
1	301-303	Total Intangible Plant			\$16,773,290	\$0	\$674,099	\$801,504	\$0	\$26,428
2		Total Steam Production								
3	310	Land & Land Rights			\$1,121,451	\$0	\$0	\$55,267	\$0	\$0
4	311	Structures & Improvements			28,921,142	0	0	1,425,270	0	0
5	312	Boiler Plant Equipment			177,086,695	0	0	8,727,051	0	0
6	313	Engines & Engine-Driven Generators			0	0	0	0	0	0
7	314	Turbogenerator Units			54,160,038	0	0	2,669,074	0	0
8	315	Accessory Electric Equipment			20,097,638	0	0	990,436	0	0
9	316	Miscellaneous Power Plant Equipment			4,026,048	0	0	198,409	0	0
10	114	San Juan & Irvington Acquisition Adjustment			(3,152,705)	0	0	(155,369)	0	0
11	102	Electric Plant Purchased or Sold			183,278	0	0	9,032	0	0
12		Total Steam Production			\$282,443,587	\$0	\$0	\$13,919,169	\$0	\$0
		Other Production Plant								
13	340	Land & Land Rights			\$328,375	\$0	\$0	\$16,183	\$0	\$0
14	341	Structures & Improvements			2,467,740	0	0	121,613	0	0
15	342	Fuel Holders, Producers, & Accessories			2,251,720	0	0	110,968	0	0
16	343	Prime Movers			1,478,011	0	0	72,838	0	0
17	344	Generators			23,726,502	0	0	1,169,271	0	0
18	345	Accessory Electric Equipment			786,242	0	0	38,747	0	0
19	346	Miscellaneous Power Plant Equipment			1,448,638	0	0	71,391	0	0
20		Total Other Production Plant			\$32,487,228	\$0	\$0	\$1,601,011	\$0	\$0
21		Total Production Plant			\$314,930,816	\$0	\$0	\$15,520,180	\$0	\$0
22	350-359	Transmission Non-EHV (138 KV & below)			\$0	\$0	\$0	\$0	\$0	\$0
23	350-359	Transmission EHV (345 KV & above)			0	0	0	0	0	0
24		Total Transmission Plant			\$0	\$0	\$0	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	GENERAL SERVICE INTERRUPTIBLE AGRICULTURAL PUMPING DEMAND ENERGY CUSTOMER	LARGE GENERAL SERVICE DEMAND ENERGY CUSTOMER				
1	301-303	Total Intangible Plant	PISXGENL	\$674,454	\$0	\$8,609	\$10,395,349	\$0	\$20,062
2		Total Steam Production		\$48,840	\$0	\$0	\$652,366	\$0	\$0
3	310	Land & Land Rights	DPROD	1,259,537	0	0	16,823,874	0	0
4	311	Structures & Improvements	DPROD	7,712,254	0	0	103,014,058	0	0
5	312	Boiler Plant Equipment	DPROD	0	0	0	0	0	0
6	313	Engines & Engine-Driven Generators	DPROD	2,358,709	0	0	31,505,728	0	0
7	314	Turbogenerator Units	DPROD	875,267	0	0	11,691,106	0	0
8	315	Accessory Electric Equipment	DPROD	175,337	0	0	2,342,014	0	0
9	316	Miscellaneous Power Plant Equipment	DPROD	(137,303)	0	0	(1,833,977)	0	0
10	114	San Juan & Irvington Acquisition Adjustmen	DPROD	7,982	0	0	106,616	0	0
11	102	Electric Plant Purchased or Sold	DPROD						
12		Total Steam Production		\$12,300,623	\$0	\$0	\$164,301,785	\$0	\$0
13		Other Production Plant		\$14,301	\$0	\$0	\$191,021	\$0	\$0
14	340	Land & Land Rights	DPROD	107,472	0	0	1,435,522	0	0
15	341	Structures & Improvements	DPROD	98,064	0	0	1,309,860	0	0
16	342	Fuel Holders, Producers, & Accessories	DPROD	64,368	0	0	859,782	0	0
17	343	Prime Movers	DPROD	1,033,306	0	0	13,802,072	0	0
18	344	Generators	DPROD	34,241	0	0	457,369	0	0
19	345	Accessory Electric Equipment	DPROD	63,089	0	0	842,695	0	0
20	346	Miscellaneous Power Plant Equipment	DPROD						
		Total Other Production Plant		\$1,414,842	\$0	\$0	\$18,898,321	\$0	\$0
21		Total Production Plant		\$13,715,465	\$0	\$0	\$183,200,106	\$0	\$0
22	350-359	Transmission Non-EHV (138 KV & below)	DTNEHV	\$0	\$0	\$0	\$0	\$0	\$0
23	350-359	Transmission EHV (345 KV & above)	DTEHV	0	0	0	0	0	0
24		Total Transmission Plant		\$0	\$0	\$0	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	LARGE GENERAL SERVICE TIME OF USE			LARGE LIGHT & POWER		
				DEMAND	ENERGY	CUSTOMER	DEMAND	ENERGY	CUSTOMER
1	301-303	Total Intangible Plant	PISXGENL	\$1,471,352	\$0	\$4,115	\$1,504,050	\$0	\$870
2		Total Steam Production							
3	310	Land & Land Rights	DPROD	\$102,859	\$0	\$0	\$126,814	\$0	\$0
4	311	Structures & Improvements	DPROD	2,652,641	0	0	3,272,992	0	0
5	312	Boiler Plant Equipment	DPROD	16,242,355	0	0	20,040,818	0	0
6	313	Engines & Engine-Driven Generators	DPROD	0	0	0	0	0	0
7	314	Turbogenerator Units	DPROD	4,967,547	0	0	6,129,266	0	0
8	315	Accessory Electric Equipment	DPROD	1,843,351	0	0	2,274,440	0	0
9	316	Miscellaneous Power Plant Equipment	DPROD	389,268	0	0	455,626	0	0
10	114	San Juan & Irvington Acquisition Adjustment	DPROD	(289,165)	0	0	(356,790)	0	0
11	102	Electric Plant Purchased or Sold	DPROD	16,810	0	0	(20,742)	0	0
12		Total Steam Production		\$25,905,667	\$0	\$0	\$31,964,008	\$0	\$0
13		Other Production Plant							
14	340	Land & Land Rights	DPROD	\$30,119	\$0	\$0	\$37,162	\$0	\$0
15	341	Structures & Improvements	DPROD	226,341	0	0	279,273	0	0
16	342	Fuel Holders, Producers, & Accessories	DPROD	206,527	0	0	254,826	0	0
17	343	Prime Movers	DPROD	135,563	0	0	167,266	0	0
18	344	Generators	DPROD	2,176,190	0	0	2,685,117	0	0
19	345	Accessory Electric Equipment	DPROD	72,114	0	0	88,979	0	0
20	346	Miscellaneous Power Plant Equipment	DPROD	132,869	0	0	163,942	0	0
		Total Other Production Plant		\$2,979,722	\$0	\$0	\$3,676,564	\$0	\$0
21		Total Production Plant		\$28,885,389	\$0	\$0	\$35,640,572	\$0	\$0
22	350-359	Transmission Non-EHV (138 KV & below)	DTNEHV	\$0	\$0	\$0	\$0	\$0	\$0
23	350-359	Transmission EHV (345 KV & above)	DTEHV	0	0	0	0	0	0
24		Total Transmission Plant		\$0	\$0	\$0	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	LARGE LIGHT & POWER TIME OF USE		MINING ENERGY		CUSTOMER
				DEMAND	ENERGY	DEMAND	ENERGY	
1	301-303	Total Intangible Plant	PISXGENL	\$4,369,763	\$0	\$6,605,852	\$0	\$2,309
2		Total Steam Production		\$282,350	\$0	\$532,441	\$0	\$0
3	310	Land & Land Rights	DPROD	7,281,533	0	13,731,144	0	0
4	311	Structures & Improvements	DPROD	44,585,465	0	84,077,004	0	0
5	312	Boiler Plant Equipment	DPROD	0	0	0	0	0
6	313	Engines & Engine-Driven Generators	DPROD	13,635,979	0	25,714,037	0	0
7	314	Turbogenerator Units	DPROD	5,060,022	0	9,541,932	0	0
8	315	Accessory Electric Equipment	DPROD	1,013,646	0	1,911,482	0	0
9	316	Miscellaneous Power Plant Equipment	DPROD	(793,763)	0	(1,496,837)	0	0
10	114	San Juan & Irvington Acquisition Adjustment	DPROD	46,144	0	87,017	0	0
11	102	Electric Plant Purchased or Sold	DPROD	\$71,111,376	\$0	\$134,098,221	\$0	\$0
12		Total Steam Production		\$82,676	\$0	\$155,906	\$0	\$0
13	340	Other Production Plant	DPROD	621,308	0	1,171,630	0	0
14	341	Land & Land Rights	DPROD	566,920	0	1,069,069	0	0
15	342	Structures & Improvements	DPROD	372,122	0	701,728	0	0
16	343	Fuel Holders, Producers, & Accessories	DPROD	5,973,668	0	11,264,840	0	0
17	344	Prime Movers	DPROD	197,954	0	373,291	0	0
18	345	Generators	DPROD	364,726	0	687,782	0	0
19	346	Accessory Electric Equipment	DPROD	\$8,179,373	\$0	\$15,424,246	\$0	\$0
20		Miscellaneous Power Plant Equipment	DPROD	\$79,290,750	\$0	\$149,522,467	\$0	\$0
21		Total Other Production Plant		\$0	\$0	\$0	\$0	\$0
22	350-359	Transmission Non-EHV (138 KV & below)	0	\$0	\$0	\$0	\$0	\$0
23	350-359	Transmission EHV (345 KV & above)	DITNEHV	0	0	0	0	0
24		Total Transmission Plant	0	\$0	\$0	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	DEMAND	LIGHTING ENERGY	CUSTOMER
1	301-303	Total Intangible Plant	PISXGENL	\$2,169,144	\$0	\$4,504
2		Total Steam Production				
3	310	Land & Land Rights	DPROD	\$47,833	\$0	\$0
4	311	Structures & Improvements	DPROD	1,233,574	0	0
5	312	Boiler Plant Equipment	DPROD	7,553,282	0	0
6	313	Engines & Engine-Driven Generators	DPROD	0	0	0
7	314	Turbogenerator Units	DPROD	2,310,089	0	0
8	315	Accessory Electric Equipment	DPROD	857,225	0	0
9	316	Miscellaneous Power Plant Equipment	DPROD	171,723	0	0
10	114	San Juan & Irvington Acquisition Adjustment	DPROD	(134,472)	0	0
11	102	Electric Plant Purchased or Sold	DPROD	7,817	0	0
12		Total Steam Production		\$12,047,071	\$0	\$0
13		Other Production Plant				
14	340	Land & Land Rights	DPROD	\$14,006	\$0	\$0
15	341	Structures & Improvements	DPROD	105,257	0	0
16	342	Fuel Holders, Producers, & Accessories	DPROD	96,043	0	0
17	343	Prime Movers	DPROD	63,042	0	0
18	344	Generators	DPROD	1,012,007	0	0
19	345	Accessory Electric Equipment	DPROD	33,536	0	0
20	346	Miscellaneous Power Plant Equipment	DPROD	61,789	0	0
		Total Other Production Plant		\$1,385,678	\$0	\$0
21		Total Production Plant		\$13,432,749	\$0	\$0
22	350-359	Transmission Non-EHV (138 KV & below)	0	\$0	\$0	\$0
23	350-359	Transmission EHV (345 KV & above)	DTNEHV	0	0	0
24		Total Transmission Plant	DTEHV	\$0	\$0	\$0
			0			

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	TOTAL TEP	TOTAL RESIDENTIAL	TOTAL SMALL GENERAL SERVICE	TOTAL LARGE GENERAL SERVICE
Distribution Plant							
1	360	Land & Rights	DDISPSUB/CUSTWGT	\$11,326,503	\$6,288,672	\$1,938,239	\$1,280,798
2	361	Structures & Improvements	DDISPSUB/CUSTWGT	11,162,973	6,197,877	1,910,255	1,262,306
3	362	Station Equipment	DDISPSUB	140,324,411	71,320,945	25,789,773	18,241,276
4	364	Poles, Towers, & Fixtures	DDISTPOL	162,058,014	84,654,021	30,611,036	21,651,386
5	365	Overhead Conductors & Devices	DDISTPOL	154,007,526	80,448,699	29,090,384	20,575,820
6	366	Underground Conduit	DDISTSUL	53,411,233	29,703,795	10,740,942	7,597,139
7	367	Underground Conductors & Devices	DDISTSUL	270,466,100	150,415,353	54,390,443	38,470,717
8	368	Line Transformers	DDISTSOT	270,360,434	141,227,807	51,068,211	36,120,881
9	369	Services	CUST	113,515,529	102,894,755	10,421,114	193,132
10	370	Meters	CMETERS	45,686,348	34,322,514	10,670,370	530,466
11	373	Street Lighting & Signal Systems	DDISTLTG	11,173,715	0	0	0
12	374	Asset Retirement Obligation	DDISPSUB	0	0	0	0
13		Total Distribution Plant		\$1,243,482,767	\$707,474,437	\$226,630,767	\$145,923,920
14		TOTAL PLANT IN SERVICE EXCLUDING INTANGIBLE & GENERAL		\$2,881,513,430	\$1,511,356,586	\$570,797,228	\$358,009,414
15	389-398	Total General Plant	PISXGENL	\$222,233,554	\$116,561,715	\$44,022,109	\$27,611,082
16		TOTAL ELECTRIC PLANT IN SERVICE		\$3,199,453,192	\$1,678,116,299	\$633,777,721	\$397,511,374
		Less: Accumulated Depreciation		0	0	0	0
17		Total Intangible Plant AD	PISXGENL	\$61,094,680	\$32,044,219	\$12,102,208	\$7,590,619
18		Production Plant		\$724,231,942	\$355,427,224	\$152,169,233	\$93,771,156
19		Other Production Plant		40,683,699	19,966,109	8,548,100	5,267,591
20		Total Production Plant AD	DPROD	\$764,915,641	\$375,393,333	\$160,717,333	\$99,038,747
21		Transmission Non-EHV (138 KV & below) , DTNEHV		\$0	\$0	\$0	\$0
22		Transmission EHV (345 KV & above) AD	DTEHV	0	0	0	0
23		Total Transmission Plant		\$0	\$0	\$0	\$0
24		Distribution Plant AD	DDISPSUB	\$3,543,270	\$1,967,285	\$606,339	\$400,672
25	361	Structures & Improvements	PLT361	2,695,883	1,602,104	513,813	342,746
26	362	Station Equipment	PLT362	50,106,105	25,466,807	9,208,840	6,513,473
27	364	Poles, Towers, & Fixtures	PLT364	60,198,606	31,445,863	11,370,877	8,042,696
28	365	Overhead Conductors & Devices	PLT365	62,606,374	32,703,605	11,825,678	8,364,380
29	366	Underground Conduit	PLT366	26,088,530	14,508,714	5,246,375	3,710,796
30	367	Underground Conductors & Devices	PLT367	118,179,136	65,723,418	23,765,698	16,809,634
31	368	Line Transformers	PLT368	133,504,917	69,738,779	25,217,659	17,836,616
32	369	Services	PLT369	44,508,190	40,343,901	4,086,004	75,725
33	370	Meters	PLT370	17,200,665	12,922,242	4,017,337	199,718
34	373	Street Lighting & Signal Systems	PLT373	5,385,561	0	0	0
35	374	Asset Retirement Obligation	DDISPSUB	0	0	0	0
36		Total Distribution AD		\$524,017,237	\$296,422,719	\$95,656,621	\$62,296,455

TUCSON ELECTRIC POWER COMPANY
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FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	TOTAL LARGE LIGHT & POWER	TOTAL MINING	TOTAL LIGHTING
Distribution Plant						
1	360	Land & Rights	DDISPSUB/CUSTWGT	\$545,297	\$846,769	\$426,728
2	361	Structures & Improvements	DDISPSUB/CUSTWGT	537,424	834,544	420,567
3	362	Station Equipment	DDISPSUB	7,778,749	12,080,203	5,113,465
4	364	Poles, Towers, & Fixtures	DDISTPOL	9,232,946	9,839,224	6,069,401
5	365	Overhead Conductors & Devices	DDISTPOL	8,774,285	9,350,445	5,767,894
6	366	Underground Conduit	DDISTSUL	3,239,699	0	2,129,659
7	367	Underground Conductors & Devices	DDISTSUL	16,405,326	0	10,784,261
8	368	Line Transformers	DDISTSOT	15,403,269	16,414,720	10,125,546
9	369	Services	CUST	5,984	544	0
10	370	Meters	CMETERS	94,037	68,961	0
11	373	Street Lighting & Signal Systems	DDISTLTG	0	0	11,173,715
12	374	Asset Retirement Obligation	DDISPSUB	0	0	0
13		Total Distribution Plant		\$62,017,016	\$49,435,410	\$52,011,236
14		TOTAL PLANT IN SERVICE EXCLUDING INTANGIBLE & GENERAL		\$176,948,338	\$198,957,877	\$65,443,986
15	389-398	Total General Plant	PISXGENL	\$13,646,946	\$15,344,407	\$5,047,295
16		TOTAL ELECTRIC PLANT IN SERVICE		\$196,472,423	\$220,910,445	\$72,664,929
		Less: Accumulated Depreciation		0	0	0
17		Total Intangible Plant AD	PISXGENL	\$3,751,710	\$4,218,362	\$1,387,562
18		Production Plant		\$50,815,559	\$66,109,635	\$5,939,135
19		Other Production Plant		2,854,562	3,713,706	333,631
20		Total Production Plant AD	DPROD	\$53,670,121	\$69,823,341	\$6,272,766
21		Transmission Non-EHV (138 KV & below) AD		\$0	\$0	\$0
22		Transmission EHV (345 KV & above) AD	DTEHV	0	0	0
23		Total Transmission Plant		\$0	\$0	\$0
24		Distribution Plant AD		\$170,585	\$264,895	\$133,483
25	361	Land & Rights	DDISPSUB	123,038	114,182	0
26	362	Structures & Improvements	PLT361	2,777,584	4,313,518	1,825,882
27	364	Station Equipment	PLT362	3,429,701	3,654,911	2,254,560
28	365	Poles, Towers, & Fixtures	PLT365	3,566,879	3,801,097	2,344,735
29	366	Overhead Conductors & Devices	PLT366	1,582,419	0	1,040,225
30	367	Underground Conduit	PLT367	7,168,245	0	4,712,142
31	368	Underground Conductors & Devices	PLT368	7,606,188	8,105,646	5,000,029
32	369	Line Transformers	PLT369	2,346	213	0
33	370	Services	PLT370	35,405	25,963	0
34	373	Meters	PLT373	0	0	5,385,561
35	374	Street Lighting & Signal Systems	DDISPSUB	0	0	0
36		Asset Retirement Obligation		0	0	0
		Total Distribution AD		\$26,462,389	\$20,280,425	\$22,696,628

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		RESIDENTIAL STANDARD SERVICE		RESIDENTIAL TIME-OF-USE SERVICE		
			DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY	
Distribution Plant									
1	360	Land & Rights		\$0	\$4,858,890	\$0	\$1,258,455	\$0	\$30,973
2	361	Structures & Improvements		\$0	\$4,788,738	\$0	\$1,240,286	\$0	\$30,525
3	362	Station Equipment			69,318,598		0		0
4	364	Poles, Towers, & Fixtures			82,277,346		0		0
5	365	Overhead Conductors & Devices			78,190,089		0		0
6	366	Underground Conduit			28,869,856		0		0
7	367	Underground Conductors & Devices			146,192,418		0		0
8	368	Line Transformers			137,262,814		0		0
9	369	Services			0		98,067,564		4,827,190
10	370	Meters			0		32,014,240		2,308,273
11	373	Street Lighting & Signal Systems			0		0		0
12	374	Asset Retirement Obligation			0		0		0
13		Total Distribution Plant			\$551,758,749	\$0	\$132,580,545	\$15,938,181	\$7,196,962
TOTAL PLANT IN SERVICE EXCLUDING INTANGIBLE & GENERAL									
14				\$0	\$1,330,034,969	\$0	\$132,580,545	\$41,544,110	\$7,196,962
15	389-398	Total General Plant	PISXGENL		\$102,577,484	\$0	\$10,225,129	\$3,204,044	\$555,058
TOTAL ELECTRIC PLANT IN SERVICE									
16				\$0	\$1,476,788,060	\$0	\$147,209,187	\$46,127,994	\$7,991,058
Less: Accumulated Depreciation									
Total Intangible Plant AD									
17			PISXGENL		\$28,198,785	\$0	\$2,811,011	\$880,830	\$152,592
18		Production Plant			\$344,105,858	\$0	\$0	\$11,321,366	\$0
19		Other Production Plant			\$19,330,132	\$0	\$0	\$635,977	\$0
20		Total Production Plant AD	DPROD		\$363,435,990	\$0	\$0	\$11,957,343	\$0
Transmission Non-EHV (138 KV & below) , DTNEHV									
21		Transmission EHV (345 KV & above) AD	DTEHV		\$0	\$0	\$0	\$0	\$0
22					0	0	0	0	0
23		Total Transmission Plant			\$0	\$0	\$0	\$0	\$0
Distribution Plant AD									
24	360	Land & Rights			\$1,520,006	\$0	\$393,682	\$0	\$9,689
25	361	Structures & Improvements			\$1,296,340	\$0	\$289,863	\$0	\$15,900
26	362	Station Equipment			\$24,751,823	\$0	\$0	\$714,985	\$0
27	364	Poles, Towers, & Fixtures			\$30,563,015	\$0	\$0	\$882,848	\$0
28	365	Overhead Conductors & Devices			\$31,785,446	\$0	\$0	\$918,159	\$0
29	366	Underground Conduit			\$14,101,360	\$0	\$0	\$407,334	\$0
30	367	Underground Conductors & Devices			\$63,878,222	\$0	\$0	\$1,845,195	\$0
31	368	Line Transformers			\$67,780,852	\$0	\$0	\$1,957,927	\$0
32	369	Services			\$0	\$0	\$38,451,213	\$0	\$1,892,688
33	370	Meters			\$0	\$0	\$12,053,190	\$0	\$869,053
34	373	Street Lighting & Signal Systems			\$0	\$0	\$0	\$0	\$0
35	374	Asset Retirement Obligation			\$0	\$0	\$0	\$0	\$0
36		Total Distribution Plant AD			\$235,677,086	\$0	\$51,187,948	\$6,770,355	\$2,787,330

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	SMALL GENERAL SERVICE DEMAND	SMALL GENERAL SERVICE ENERGY	CUSTOMER	SMALL GENERAL SERVICE DEMAND	SMALL GENERAL SERVICE ENERGY	TIME OF USE CUSTOMER
Distribution Plant									
1	360	Land & Rights	DDISPSUB/CUSTWGT	\$1,673,860	\$0	\$125,588	\$75,834	\$0	\$3,225
2	361	Structures & Improvements	DDISPSUB/CUSTWGT	\$1,649,693	\$0	\$123,775	\$74,739	\$0	\$3,179
3	362	Station Equipment	DDISPSUB	23,879,870	0	0	1,081,871	0	0
4	364	Poles, Towers, & Fixtures	DDISTPOL	28,344,087	0	0	1,284,121	0	0
5	365	Overhead Conductors & Devices	DDISTPOL	26,936,050	0	0	1,220,330	0	0
6	366	Underground Conduit	DDISTSUL	9,945,504	0	0	450,578	0	0
7	367	Underground Conductors & Devices	DDISTSUL	50,362,473	0	0	2,281,658	0	0
8	368	Line Transformers	DDISTSOT	47,286,274	0	0	2,142,291	0	0
9	369	Services	CUST	0	0	9,786,726	0	0	502,687
10	370	Meters	CMETERS	0	0	10,259,631	0	0	286,602
11	373	Street Lighting & Signal Systems	DDISTLTG	0	0	0	0	0	0
12	374	Asset Retirement Obligation	DDISPSUB	0	0	0	0	0	0
13		Total Distribution Plant		\$190,077,811	\$0	\$20,295,721	\$8,611,422	\$0	\$795,692
TOTAL PLANT IN SERVICE EXCLUDING INTANGIBLE & GENERAL									
14				\$505,008,627	\$0	\$20,295,721	\$24,131,602	\$0	\$795,692
15	389-398	Total General Plant	PISXGENL	\$38,948,235	\$0	\$1,565,285	\$1,861,123	\$0	\$61,367
TOTAL ELECTRIC PLANT IN SERVICE									
16				\$560,730,152	\$0	\$22,535,106	\$26,794,229	\$0	\$883,487
Less: Accumulated Depreciation									
17		Total Intangible Plant AD	PISXGENL	\$10,707,339	\$0	\$430,316	\$511,645	\$0	\$16,870
18		Production Plant		\$139,243,029	\$0	\$0	\$6,862,069	\$0	\$0
19		Other Production Plant		\$7,821,971	\$0	\$0	\$385,476	\$0	\$0
20		Total Production Plant AD	DPROD	\$147,065,001	\$0	\$0	\$7,247,545	\$0	\$0
21		Transmission Non-EHV (138 KV & below), DTNEHV		\$0	\$0	\$0	\$0	\$0	\$0
22		Transmission EHV (345 KV & above) AD	DTEHV	0	0	0	0	0	0
23		Total Transmission Plant		\$0	\$0	\$0	\$0	\$0	\$0
Distribution Plant AD									
24	360	Land & Rights	DDISPSUB	\$523,634	\$0	\$39,288	\$23,723	\$0	\$1,009
25	361	Structures & Improvements	PLT361	\$446,582	\$0	\$44,670	\$20,232	\$0	\$1,759
26	362	Station Equipment	PLT362	\$8,526,865	\$0	\$0	\$386,307	\$0	\$0
27	364	Poles, Towers, & Fixtures	PLT364	\$10,528,788	\$0	\$0	\$477,004	\$0	\$0
28	365	Overhead Conductors & Devices	PLT365	\$10,949,909	\$0	\$0	\$496,083	\$0	\$0
29	366	Underground Conduit	PLT366	\$4,857,847	\$0	\$0	\$220,083	\$0	\$0
30	367	Underground Conductors & Devices	PLT367	\$22,005,691	\$0	\$0	\$996,962	\$0	\$0
31	368	Line Transformers	PLT368	\$23,350,125	\$0	\$0	\$1,057,871	\$0	\$0
32	369	Services	PLT369	\$0	\$0	\$3,837,268	\$0	\$0	\$197,098
33	370	Meters	PLT370	\$0	\$0	\$3,862,696	\$0	\$0	\$107,904
34	373	Street Lighting & Signal Systems	PLT373	\$0	\$0	\$0	\$0	\$0	\$0
35	374	Asset Retirement Obligation	DDISPSUB	\$0	\$0	\$0	\$0	\$0	\$0
36		Total Distribution AD		\$81,189,441	\$0	\$7,783,921	\$3,678,265	\$0	\$307,770

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	GENERAL SERVICE INTERRUPTIBLE AGRICULTURAL PUMPING		LARGE GENERAL SERVICE ENERGY	
				DEMAND	ENERGY	DEMAND	ENERGY
Distribution Plant							
1	360	Land & Rights	DDISPSUB/CUSTWGT	\$58,041	\$0	\$1,142,885	\$0
2	361	Structures & Improvements	DDISPSUB/CUSTWGT	\$57,203	\$0	\$1,126,384	\$0
3	362	Station Equipment	DDISPSUB	828,032	0	16,304,792	0
4	364	Poles, Towers, & Fixtures	DDISTPOL	982,828	0	19,352,888	0
5	365	Overhead Conductors & Devices	DDISTPOL	934,004	0	18,391,502	0
6	366	Underground Conduit	DDISTSUL	344,859	0	6,790,631	0
7	367	Underground Conductors & Devices	DDISTSUL	1,746,313	0	34,386,688	0
8	368	Line Transformers	DDISTSOT	1,639,646	0	32,286,309	0
9	369	Services	CUST	0	131,701	0	0
10	370	Meters	CMETERS	0	124,138	0	145,801
11	373	Street Lighting & Signal Systems	DDISTLTG	0	0	0	454,516
12	374	Asset Retirement Obligation	DDISPSUB	0	0	0	0
13		Total Distribution Plant		\$6,590,926	\$0	\$129,782,080	\$0
14		TOTAL PLANT IN SERVICE EXCLUDING INTANGIBLE & GENERAL		\$20,306,392	\$0	\$312,982,185	\$0
15	389-398	Total General Plant	PISXGENL	\$1,566,108	\$0	\$24,138,407	\$0
16		TOTAL ELECTRIC PLANT IN SERVICE		\$22,546,954	\$0	\$347,515,941	\$0
Less: Accumulated Depreciation							
17		Total Intangible Plant AD	PISXGENL	\$430,542	\$0	\$6,635,939	\$0
18		Production Plant		\$6,064,135	\$0	\$80,999,815	\$0
19		Other Production Plant		\$340,653	\$0	\$4,550,161	\$0
20		Total Production Plant AD	DPROD	\$6,404,787	\$0	\$85,549,976	\$0
21		Transmission Non-EHV (138 KV & below)	DTNEHV	\$0	\$0	\$0	\$0
22		Transmission EHV (345 KV & above)	DTEHV	0	0	0	0
23		Total Transmission Plant		\$0	\$0	\$0	\$0
Distribution Plant AD							
24	360	Land & Rights	DDISPSUB	\$18,157	\$0	\$357,529	\$585
25	361	Structures & Improvements	PLT361	\$0	\$529	\$304,919	\$1,338
26	362	Station Equipment	PLT362	\$295,668	\$0	\$5,822,007	\$0
27	364	Poles, Towers, & Fixtures	PLT364	\$365,085	\$0	\$7,168,868	\$0
28	365	Overhead Conductors & Devices	PLT365	\$379,687	\$0	\$7,476,422	\$0
29	366	Underground Conduit	PLT366	\$168,445	\$0	\$3,316,860	\$0
30	367	Underground Conductors & Devices	PLT367	\$763,045	\$0	\$15,025,133	\$0
31	368	Line Transformers	PLT368	\$809,663	\$0	\$15,943,091	\$0
32	369	Services	PLT369	\$0	\$51,639	\$0	\$0
33	370	Meters	PLT370	\$0	\$46,737	\$0	\$0
34	373	Street Lighting & Signal Systems	PLT373	\$0	\$0	\$0	\$171,123
35	374	Asset Retirement Obligation	DDISPSUB	\$0	\$0	\$0	\$0
36		Total Distribution AD		\$2,799,749	\$0	\$55,434,848	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	LARGE GENERAL SERVICE DEMAND	LARGE GENERAL SERVICE ENERGY	TIME OF USE CUSTOMER	DEMAND	ENERGY	LARGE LIGHT & POWER CUSTOMER
Distribution Plant									
1	360	Land & Rights	DDISPSUB/CUSTWGT	\$135,738	\$0	\$304	\$84,920	\$0	\$14
2	361	Structures & Improvements	DDISPSUB/CUSTWGT	\$133,778	\$0	\$299	\$83,694	\$0	\$14
3	362	Station Equipment	DDISPSUB	1,936,483	0	0	1,211,499	0	0
4	364	Poles, Towers, & Fixtures	DDISTPOL	2,298,499	0	0	1,437,983	0	0
5	365	Overhead Conductors & Devices	DDISTPOL	2,184,317	0	0	1,366,549	0	0
6	366	Underground Conduit	DDISTSUL	806,508	0	0	504,566	0	0
7	367	Underground Conductors & Devices	DDISTSUL	4,084,029	0	0	2,555,043	0	0
8	368	Line Transformers	DDISTSOT	3,834,572	0	0	2,398,978	0	0
9	369	Services	CUST	0	0	47,331	0	0	1,088
10	370	Meters	CMETERS	0	0	75,950	0	0	25,077
11	373	Street Lighting & Signal Systems	DDISTLTG	0	0	0	0	0	0
12	374	Asset Retirement Obligation	DDISPSUB	0	0	0	0	0	0
13		Total Distribution Plant		\$15,413,924	\$0	\$123,884	\$9,643,232	\$0	\$26,192
14		TOTAL PLANT IN SERVICE EXCLUDING INTANGIBLE & GENERAL		\$44,299,313	\$0	\$123,884	\$45,283,804	\$0	\$26,192
15	389-398	Total General Plant	PISXGENL	\$3,416,536	\$0	\$9,554	\$3,492,464	\$0	\$2,020
16		TOTAL ELECTRIC PLANT IN SERVICE		\$49,187,200	\$0	\$137,553	\$50,280,318	\$0	\$29,082
Less: Accumulated Depreciation									
17		Total Intangible Plant AD	PISXGENL	\$939,247	\$0	\$2,627	\$960,120	\$0	\$555
18		Production Plant		\$12,771,342	\$0	\$0	\$15,758,068	\$0	\$0
19		Other Production Plant		\$717,430	\$0	\$0	\$865,209	\$0	\$0
20		Total Production Plant AD	DPROD	\$13,488,771	\$0	\$0	\$16,643,277	\$0	\$0
21		Transmission Non-EHV (138 KV & below)	DTNEHV	\$0	\$0	\$0	\$0	\$0	\$0
22		Transmission EHV (345 KV & above)	DTEHV	0	0	0	0	0	0
23		Total Transmission Plant		\$0	\$0	\$0	\$0	\$0	\$0
Distribution Plant AD									
24	360	Land & Rights	DDISPSUB	\$42,463	\$0	\$95	\$26,566	\$0	\$4
25	361	Structures & Improvements	PLT361	\$36,215	\$0	\$275	\$0	\$0	\$58
26	362	Station Equipment	PLT362	\$691,467	\$0	\$0	\$432,594	\$0	\$0
27	364	Poles, Towers, & Fixtures	PLT364	\$853,808	\$0	\$0	\$534,158	\$0	\$0
28	365	Overhead Conductors & Devices	PLT365	\$897,958	\$0	\$0	\$555,523	\$0	\$0
29	366	Underground Conduit	PLT366	\$393,936	\$0	\$0	\$246,454	\$0	\$0
30	367	Underground Conductors & Devices	PLT367	\$1,784,501	\$0	\$0	\$1,116,416	\$0	\$0
31	368	Line Transformers	PLT368	\$1,893,525	\$0	\$0	\$1,184,624	\$0	\$0
32	369	Services	PLT369	\$0	\$0	\$18,558	\$0	\$0	\$427
33	370	Meters	PLT370	\$0	\$0	\$28,595	\$0	\$0	\$9,441
34	373	Street Lighting & Signal Systems	PLT373	\$0	\$0	\$0	\$0	\$0	\$0
35	374	Asset Retirement Obligation	DDISPSUB	\$0	\$0	\$0	\$0	\$0	\$0
36		Total Distribution AD		\$6,583,872	\$0	\$47,523	\$4,096,334	\$0	\$9,931

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	LARGE LIGHT & POWER TIME OF USE		MINING ENERGY		CUSTOMER
				DEMAND	ENERGY	DEMAND	ENERGY	CUSTOMER
1	360	Distribution Plant						
2	361	Land & Rights	DDISPSUB/CUSTWGT	\$460,332	\$0	\$846,762	\$0	\$7
3	362	Structures & Improvements	DDISPSUB/CUSTWGT	\$453,685	\$0	\$834,537	\$0	\$7
4	364	Station Equipment	DDISPSUB	6,567,250	0	12,080,203	0	0
5	365	Poles, Towers, & Fixtures	DDISTPOL	7,794,963	0	9,839,224	0	0
6	366	Overhead Conductors & Devices	DDISTSUL	2,735,133	0	9,350,445	0	0
7	367	Underground Conductors & Devices	DDISTSOT	13,850,283	0	16,414,720	0	0
8	368	Line Transformers	CUST	13,004,291	0	0	0	0
9	369	Services	CMETERS	0	0	0	0	544
10	370	Meters	DDISTLTG	0	0	0	0	68,961
11	373	Street Lighting & Signal Systems	DDISPSUB	0	0	0	0	0
12	374	Asset Retirement Obligation		0	0	0	0	0
13		Total Distribution Plant		\$52,273,672	\$0	\$49,365,891	\$0	\$69,519
14		TOTAL PLANT IN SERVICE EXCLUDING INTANGIBLE & GENERAL		\$131,564,422	\$0	\$198,888,358	\$0	\$69,519
15	389-398	Total General Plant	PISXGENL	\$10,146,761	\$0	\$15,339,046	\$0	\$5,362
16		TOTAL ELECTRIC PLANT IN SERVICE		\$146,080,947	\$0	\$220,833,256	\$0	\$77,189
		Less: Accumulated Depreciation						
17		Total Intangible Plant AD	PISXGENL	\$2,789,467	\$0	\$4,216,888	\$0	\$1,474
18		Production Plant		\$35,057,491	\$0	\$66,109,635	\$0	\$0
19		Other Production Plant		\$1,969,353	\$0	\$3,713,706	\$0	\$0
20		Total Production Plant AD	DPROD	\$37,026,844	\$0	\$69,823,341	\$0	\$0
21		Transmission Non-EHV (138 KV & below) / DTNEHV		\$0	\$0	\$0	\$0	\$0
22		Transmission EHV (345 KV & above) AD	DTEHV	0	0	0	0	0
23		Total Transmission Plant		\$0	\$0	\$0	\$0	\$0
24		Distribution Plant AD						
25	360	Land & Rights	DDISPSUB	\$144,006	\$0	\$264,893	\$0	\$2
26	362	Structures & Improvements	PLT361	\$122,815	\$0	\$114,027	\$0	\$155
27	364	Station Equipment	PLT362	\$2,344,990	\$0	\$4,313,518	\$0	\$0
28	365	Poles, Towers, & Fixtures	PLT364	\$2,895,543	\$0	\$3,654,911	\$0	\$0
29	366	Overhead Conductors & Devices	PLT365	\$3,011,356	\$0	\$3,801,097	\$0	\$0
30	367	Underground Conductors & Devices	PLT366	\$1,335,966	\$0	\$0	\$0	\$0
31	368	Line Transformers	PLT367	\$6,051,828	\$0	\$0	\$0	\$0
32	369	Services	PLT368	\$6,421,564	\$0	\$8,105,646	\$0	\$0
33	370	Meters	PLT369	\$0	\$0	\$0	\$0	\$213
34	373	Street Lighting & Signal Systems	PLT370	\$0	\$0	\$0	\$0	\$25,963
35	374	Asset Retirement Obligation	PLT373	\$0	\$0	\$0	\$0	\$0
36		Total Distribution AD	DDISPSUB	\$22,328,068	\$0	\$20,254,091	\$0	\$26,334

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	DEMAND	LIGHTING ENERGY	CUSTOMER
		Distribution Plant				
1	360	Land & Rights	DDISPSUB/CUSTWGT	\$358,429	\$0	\$68,300
2	361	Structures & Improvements	DDISPSUB/CUSTWGT	\$353,254	\$0	\$67,314
3	362	Station Equipment	DDISPSUB	5,113,465	0	0
4	364	Poles, Towers, & Fixtures	DDISTPOL	6,069,401	0	0
5	365	Overhead Conductors & Devices	DDISTPOL	5,767,894	0	0
6	366	Underground Conduit	DDISTSUL	2,129,659	0	0
7	367	Underground Conductors & Devices	DDISTSUL	10,784,261	0	0
8	368	Line Transformers	DDISTSOT	10,125,546	0	0
9	369	Services	CUST	0	0	0
10	370	Meters	CMETERS	0	0	0
11	373	Street Lighting & Signal Systems	DDISTLTG	11,173,715	0	0
12	374	Asset Retirement Obligation	DDISPSUB	0	0	0
13		Total Distribution Plant		\$51,875,623	\$0	\$135,613
14		TOTAL PLANT IN SERVICE EXCLUDING INTANGIBLE & GENERAL	0	\$65,308,372	\$0	\$135,613
15	389-398	Total General Plant	PISXGENL 0	\$5,036,836	\$0	\$10,459
16		TOTAL ELECTRIC PLANT IN SERVICE	0	\$72,514,353	\$0	\$150,577
		Less: Accumulated Depreciation				
17		Total Intangible Plant AD	PISXGENL	\$1,384,667	\$0	\$2,875
18		Production Plant		\$5,939,135	\$0	\$0
19		Other Production Plant		\$333,631	\$0	\$0
20		Total Production Plant AD	DPROD	\$6,272,766	\$0	\$0
21		Transmission Non-EHV (138 KV & below), DTNEHV		\$0	\$0	\$0
22		Transmission EHV (345 KV & above) AD	DTEHV	0	0	0
23		Total Transmission Plant		\$0	\$0	\$0
		Distribution Plant AD				
24	360	Land & Rights	DDISPSUB	\$112,127	\$0	\$21,366
25	361	Structures & Improvements	PLT361	\$0	\$0	\$0
26	362	Station Equipment	PLT362	\$1,825,862	\$0	\$0
27	364	Poles, Towers, & Fixtures	PLT364	\$2,254,560	\$0	\$0
28	365	Overhead Conductors & Devices	PLT365	\$2,344,735	\$0	\$0
29	366	Underground Conduit	PLT366	\$1,040,225	\$0	\$0
30	367	Underground Conductors & Devices	PLT367	\$4,712,142	\$0	\$0
31	368	Line Transformers	PLT368	\$5,000,029	\$0	\$0
32	369	Services	PLT369	\$0	\$0	\$0
33	370	Meters	PLT370	\$0	\$0	\$0
34	373	Street Lighting & Signal Systems	PLT373	\$5,385,561	\$0	\$0
35	374	Asset Retirement Obligation	DDISPSUB	\$0	\$0	\$0
36		Total Distribution AD		\$22,675,262	\$0	\$21,366

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	TOTAL_TEP	TOTAL RESIDENTIAL	TOTAL SMALL GENERAL SERVICE	TOTAL LARGE GENERAL SERVICE
1		General Plant Accumulated Depreciation: GENLPLS		\$61,611,122	\$32,315,093	\$12,204,509	\$7,654,784
2		TOTAL ACCUMULATED DEPRECIATION		\$1,411,638,679	\$736,175,364	\$280,882,671	\$176,580,604
3		TOTAL NET PLANT IN SERVICE		\$1,787,814,513	\$941,940,935	\$352,895,050	\$220,930,770
4		Working Capital					
5	n/a	Cash Working Capital	OM	(\$19,358,886)	(\$9,932,611)	(\$3,949,256)	(\$2,371,268)
6	151, 152	Fuel Inventory	EPROD	25,307,037	12,419,792	5,317,292	3,276,671
7	154, 163	Materials & Supplies	TOTPIS	42,837,160	22,468,132	8,485,587	5,322,240
8	165	Prepayments	OM	4,537,991	2,380,181	898,928	563,816
9		Total Working Capital		\$53,323,302	\$27,335,493	\$10,752,550	\$6,791,460
10	252	Less: Customer Contributions					
11	235	Customer Advances for Construction	DCUSTDEP	(\$8,923,750)	(\$4,614,433)	(\$1,791,248)	(\$1,118,969)
12	230&253	Customer Deposits	DCUSTADV	(23,743,247)	(9,901,609)	(12,408,985)	(480,953)
13		Deferred Credits - Asset Retirement	TOTPIS	(15,832,308)	(8,723,753)	(3,053,600)	(1,818,128)
		Total Less: Customer Contributions		(\$48,499,305)	(\$23,239,795)	(\$17,253,833)	(\$3,418,049)
14	105.0	Other Rate Base		\$0	\$0	\$0	\$0
15	182.3	Plant Held for Future Use - Transmission P	DTNEHV	11,088,732	5,821,563	2,105,087	1,488,942
16	254	Regulatory Assets	DISTPIS	0	0	0	0
17		Regulatory Liabilities	DISTPIS	\$11,088,732	\$5,821,563	\$2,105,087	\$1,488,942
		Total Other Rate Base		\$0	\$0	\$0	\$0
18	190	Less: Accumulated Deferred Taxes (ADIT)					
19	282	ADIT - Other Property	TOTPIS	\$99,426,966	\$52,149,540	\$19,695,427	\$12,353,158
20	283	ADIT - Other	TOTPIS	(384,080,848)	(201,450,777)	(76,082,340)	(47,719,562)
21		Total Accumulated Deferred Taxes		(\$284,653,881)	(\$149,301,237)	(\$56,386,913)	(\$35,366,404)
22		TOTAL RATE BASE		\$1,519,073,362	\$802,556,960	\$292,111,942	\$190,426,718

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	TOTAL LARGE LIGHT & POWER	TOTAL MINING	TOTAL LIGHTING
1		General Plant Accumulated Depreciation GENLPIS		\$3,783,423	\$4,254,021	\$1,399,292
2		TOTAL ACCUMULATED DEPRECIATION		\$87,667,644	\$98,576,149	\$31,756,248
3		TOTAL NET PLANT IN SERVICE		\$108,804,780	\$122,334,297	\$40,908,681
4		Working Capital				
5	n/a	Cash Working Capital	OM	(\$1,271,572)	(\$1,631,467)	(\$202,712)
6	151, 152	Fuel Inventory	EPROD	1,775,662	2,310,087	207,533
7	154, 163	Materials & Supplies	TOTPIS	2,630,550	2,957,748	972,904
8	165	Prepayments	OM	278,670	313,332	103,065
9		Total Working Capital		\$3,413,310	\$3,949,700	\$1,080,790
10		Less: Customer Contributions				
11	252	Customer Advances for Construction	DCUSTDEP	(\$585,143)	(\$659,708)	(\$174,249)
12	235	Customer Deposits	DCUSTADV	0	(947,000)	(4,700)
13	230&253	Deferred Credits - Asset Retirement	TOTPIS	(896,629)	(1,007,825)	(332,373)
		Total Less: Customer Contributions		(\$1,461,772)	(\$2,614,533)	(\$511,322)
14		Other Rate Base				
15	105.0	Plant Held for Future Use - Transmission P DTNEHV		\$0	\$0	\$0
16	182.3	Regulatory Assets	DISTPIS	634,939	506,232	531,969
17	254	Regulatory Liabilities	DISTPIS	0	0	0
		Total Other Rate Base		\$634,939	\$506,232	\$531,969
18		Less: Accumulated Deferred Taxes (ADIT)				
19	190	ADIT	TOTPIS	\$6,105,624	\$6,865,065	\$2,258,153
20	282	ADIT - Other Property	TOTPIS	(23,585,685)	(26,519,366)	(8,723,118)
21	283	ADIT - Other	TOTPIS	0	0	0
		Total Accumulated Deferred Taxes		(\$17,480,061)	(\$19,654,301)	(\$6,464,965)
22		TOTAL RATE BASE		\$93,911,195	\$104,521,395	\$35,545,153

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	RESIDENTIAL STANDARD SERVICE		RESIDENTIAL TIME-OF-USE SERVICE		
				DEMAND	ENERGY	DEMAND	ENERGY	
				CUSTOMER	CUSTOMER	CUSTOMER	CUSTOMER	
1		General Plant Accumulated Depreciation GENLPIS		\$28,438,162	\$0	\$2,854,773	\$0	\$153,882
2		TOTAL ACCUMULATED DEPRECIATION		\$655,751,023	\$0	\$56,833,732	\$0	\$3,093,804
3		TOTAL NET PLANT IN SERVICE		\$821,037,037	\$0	\$90,375,455	\$0	\$4,897,254
4		Working Capital		(\$8,700,868)	\$0	(\$900,212)	\$0	(\$46,921)
5	n/a	Cash Working Capital	OM	\$12,024,186	\$0	\$0	\$0	\$0
6	151, 152	Fuel Inventory	EPROD	\$19,772,568	\$0	\$1,970,989	\$0	\$106,991
7	154, 163	Materials & Supplies	TOTPIS	\$2,094,624	\$0	\$208,796	\$0	\$11,334
8	165	Prepayments	OM	\$25,190,511	\$0	\$1,279,553	\$0	\$71,405
9		Total Working Capital		\$4,466,000	\$0	\$0	\$0	\$0
10	252	Less: Customer Contributions	DCUSTDEP	(\$9,659,078)	\$0	\$0	\$0	\$0
11	235	Customer Advances for Construction	DCUSTADV	(6,733,757)	0	(1,688,032)	0	(91,633)
12	230&253	Deferred Credits - Asset Retirement	TOTPIS	(\$20,858,834)	\$0	(\$1,688,032)	\$0	(\$91,633)
13		Total Less: Customer Contributions		\$0	\$0	\$0	\$0	\$0
14	105.0	Other Rate Base		\$0	\$0	\$0	\$0	\$0
15	182.3	Plant Held for Future Use - Transmission P	DTNEHV	\$5,658,121	\$0	\$0	\$0	\$0
16	254	Regulatory Assets	DISTPIS	\$0	\$0	\$163,441	\$0	\$0
17		Regulatory Liabilities	DISTPIS	\$5,658,121	\$0	\$0	\$0	\$0
		Total Other Rate Base		\$0	\$0	\$163,441	\$0	\$0
18	190	Less: Accumulated Deferred Taxes (ADIT)		\$45,893,016	\$0	\$4,574,708	\$0	\$248,332
19	282	ADIT - Other Property	TOTPIS	(\$177,282,172)	\$0	(\$17,671,841)	\$0	(\$959,293)
20	283	ADIT - Other	TOTPIS	\$0	\$0	\$0	\$0	\$0
21		Total Accumulated Deferred Taxes		(\$131,389,156)	\$0	(\$13,097,134)	\$0	(\$710,961)
22		TOTAL RATE BASE		\$699,637,679	\$0	\$76,869,842	\$0	\$4,166,066

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		SMALL GENERAL SERVICE		SMALL GENERAL SERVICE TIME OF USE	
			DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
1		General Plant Accumulated Depreciation GENPLIS	\$10,797,849	\$0	\$433,953	\$515,970	\$0	\$17,013
2		TOTAL ACCUMULATED DEPRECIATION	\$249,759,630	\$0	\$8,648,190	\$11,953,425	\$0	\$341,653
3		TOTAL NET PLANT IN SERVICE	\$310,970,522	\$0	\$13,886,915	\$14,840,804	\$0	\$541,834
4		Working Capital						
5	n/a	Cash Working Capital	(\$3,504,005)	\$0	(\$115,240)	(\$172,244)	\$0	(\$5,052)
6	151, 152	Fuel Inventory	\$4,865,608	\$0	\$239,783	\$358,745	\$0	\$0
7	154, 163	Materials & Supplies	\$7,507,560	\$0	\$301,720	\$38,004	\$0	\$11,829
8	165	Prepayments	\$795,320	\$0	\$31,963	\$38,004	\$0	\$1,253
9		Total Working Capital	\$9,664,483	\$0	\$218,443	\$464,288	\$0	\$8,030
10		Less: Customer Contributions						
11	252	Customer Advances for Construction	(\$1,646,326)	\$0	\$0	(\$78,812)	\$0	\$0
12	235	Customer Deposits	(\$12,092,716)	\$0	\$0	(\$316,269)	\$0	\$0
13	230&253	Deferred Credits - Asset Retirement	(2,586,779)	0	(258,408)	(122,174)	0	(10,131)
		Total Less: Customer Contributions	(\$16,295,820)	\$0	(\$258,408)	(\$517,255)	\$0	(\$10,131)
14		Other Rate Base						
15	105.0	Plant Held for Future Use - Transmission P DTNEHV	\$0	\$0	\$0	\$0	\$0	\$0
16	182.3	Regulatory Assets	\$1,949,191	\$0	\$0	\$88,308	\$0	\$0
17	254	Regulatory Liabilities	\$0	\$0	\$0	\$0	\$0	\$0
		Total Other Rate Base	\$1,949,191	\$0	\$0	\$88,308	\$0	\$0
18		Less: Accumulated Deferred Taxes (ADIT)						
19	190	ADIT	\$17,425,383	\$0	\$700,306	\$832,664	\$0	\$27,455
20	282	ADIT - Other Property	(\$67,313,287)	\$0	(\$2,705,244)	(\$3,216,534)	\$0	(\$106,059)
21	283	ADIT - Other	\$0	\$0	\$0	\$0	\$0	\$0
		Total Accumulated Deferred Taxes	(\$49,887,904)	\$0	(\$2,004,938)	(\$2,383,870)	\$0	(\$78,603)
22		TOTAL RATE BASE	\$256,400,471	\$0	\$11,842,013	\$12,492,274	\$0	\$461,129

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	GENERAL SERVICE INTERRUPTIBLE AGRICULTURAL PUMPING DEMAND ENERGY CUSTOMER	LARGE GENERAL SERVICE DEMAND ENERGY CUSTOMER
1		General Plant Accumulated Depreciation GENLPLIS	\$434,181	\$0	\$6,692,033
2		TOTAL ACCUMULATED DEPRECIATION	\$10,069,260	\$110,512	\$154,312,795
3		TOTAL NET PLANT IN SERVICE	\$12,477,693	\$177,282	\$193,203,146
4		Working Capital			
5	n/a	Cash Working Capital	(\$151,213)	(\$1,501)	(\$2,048,308)
6	151, 152	Fuel Inventory	\$211,901	\$0	\$0
7	154, 163	Materials & Supplies	\$301,879	\$3,853	\$4,652,856
8	165	Prepayments	\$31,980	\$408	\$492,904
9		Total Working Capital	\$394,546	\$2,761	\$5,927,852
10		Less: Customer Contributions			
11	252	Customer Advances for Construction	(\$66,111)	\$0	(\$977,051)
12	230&253	Customer Deposits	\$0	\$0	(\$426,696)
13		Deferred Credits - Asset Retirement	(102,808)	(3,300)	(1,584,579)
		Total Less: Customer Contributions	(\$168,919)	(\$3,300)	(\$2,988,326)
14	105.0	Other Rate Base	\$0	\$0	\$0
15	182.3	Plant Held for Future Use - Transmission P DTNEHV	\$67,588	\$0	\$1,330,877
16	254	Regulatory Assets	\$0	\$0	\$0
17		Regulatory Liabilities	\$67,588	\$0	\$1,330,877
		Total Other Rate Base	\$0	\$0	\$0
18	190	Less: Accumulated Deferred Taxes (ADIT)			
19	282	ADIT - Other Property	\$700,674	\$8,944	\$10,799,488
20	283	ADIT - Other	(\$2,706,667)	(\$34,548)	(\$41,717,822)
21		Total Accumulated Deferred Taxes	(\$2,005,992)	(\$25,605)	(\$30,918,334)
22		TOTAL RATE BASE	\$10,764,917	\$151,137	\$166,555,214
					\$0
					\$354,514

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		LARGE GENERAL SERVICE TIME OF USE		LARGE LIGHT & POWER		
			ENERGY	CUSTOMER	ENERGY	CUSTOMER	DEMAND	ENERGY	CUSTOMER
1		General Plant Accumulated Depreciation: GENLPIB	\$947,188	\$0	\$2,649	\$580	\$968,236	\$0	\$580
2		TOTAL ACCUMULATED DEPRECIATION	\$21,959,076	\$0	\$52,798	\$11,046	\$22,667,967	\$0	\$11,046
3		TOTAL NET PLANT IN SERVICE	\$27,228,124	\$0	\$84,755	\$18,037	\$27,612,351	\$0	\$18,037
4		Working Capital							
5	n/a	Cash Working Capital							
6	151, 152	Fuel Inventory	(\$319,507)	\$0	(\$652)	(\$89)	(\$387,960)	\$0	(\$89)
7	154, 163	Materials & Supplies	\$446,273	\$0	\$0	\$0	\$550,639	\$0	\$0
8	165	Prepayments	\$658,563	\$0	\$1,842	\$389	\$673,198	\$0	\$389
9		Total Working Capital	\$89,765	\$0	\$195	\$41	\$71,316	\$0	\$41
			\$855,094	\$0	\$1,385	\$332	\$907,193	\$0	\$332
10	252	Less: Customer Contributions							
11	235	Customer Advances for Construction	(\$141,918)	\$0	\$0	\$0	(\$152,140)	\$0	\$0
12	230&253	Customer Deposits	(\$54,257)	\$0	\$0	\$0	\$0	\$0	\$0
13		Deferred Credits - Asset Retirement	(224,280)	0	(1,577)	(333)	(229,265)	0	(333)
		Total Less: Customer Contributions	(\$420,455)	\$0	(\$1,577)	(\$333)	(\$381,404)	\$0	(\$333)
14	105.0	Other Rate Base							
15	182.3	Plant Held for Future Use - Transmission P	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	254	Regulatory Assets	\$158,065	\$0	\$0	\$0	\$98,888	\$0	\$0
17		Regulatory Liabilities	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Total Other Rate Base	\$158,065	\$0	\$0	\$0	\$98,888	\$0	\$0
18	190	Less: Accumulated Deferred Taxes (ADIT)							
19	282	ADIT - Other Property	\$1,528,553	\$0	\$4,275	\$904	\$1,562,523	\$0	\$904
20	283	ADIT - Other	(\$5,904,716)	\$0	(\$16,513)	(\$3,491)	(\$6,035,940)	\$0	(\$3,491)
21		Total Accumulated Deferred Taxes	(\$4,376,163)	\$0	(\$12,238)	(\$2,587)	(\$4,473,417)	\$0	(\$2,587)
22		TOTAL RATE BASE	\$23,444,665	\$0	\$72,325	\$15,447	\$23,763,611	\$0	\$15,447

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	LARGE LIGHT & POWER TIME OF USE DEMAND	ENERGY	CUSTOMER	DEMAND	ENERGY	CUSTOMER
1		General Plant Accumulated Depreciation GENLPIS		\$2,813,047	\$0	\$1,581	\$4,252,534	\$0	\$1,486
2		TOTAL ACCUMULATED DEPRECIATION		\$64,957,425	\$0	\$31,205	\$88,546,855	\$0	\$29,294
3		TOTAL NET PLANT IN SERVICE		\$81,123,522	\$0	\$50,870	\$122,286,401	\$0	\$47,895
4		Working Capital							
5	n/a	Cash Working Capital	OM	(\$883,226)	\$0	(\$287)	(\$1,631,215)	\$0	(\$252)
6	151, 152	Fuel Inventory	EPROD	\$1,225,024	\$0	\$0	\$2,310,087	\$0	\$0
7	154, 163	Materials & Supplies	TOTPIS	\$1,955,863	\$0	\$1,099	\$2,956,714	\$0	\$1,033
8	165	Prepayments	OM	\$207,196	\$0	\$116	\$313,222	\$0	\$109
9		Total Working Capital		\$2,504,857	\$0	\$928	\$3,948,809	\$0	\$891
10		Less: Customer Contributions							
11	252	Customer Advances for Construction	DCUSTDEP	(\$413,004)	\$0	\$0	(\$659,708)	\$0	\$0
12	235	Customer Deposits	DCUSTADV	\$0	\$0	\$0	(\$947,000)	\$0	\$0
13	230&253	Deferred Credits - Asset Retirement	TOTPIS	(666,090)	0	(941)	(1,006,940)	0	(685)
		Total Less: Customer Contributions		(\$1,079,093)	\$0	(\$941)	(\$2,613,648)	\$0	(\$885)
14		Other Rate Base							
15	105.0	Plant Held for Future Use - Transmission P	DTNEHV	\$0	\$0	\$0	\$0	\$0	\$0
16	182.3	Regulatory Assets	DISTPIS	\$536,051	\$0	\$0	\$506,232	\$0	\$0
17	254	Regulatory Liabilities	DISTPIS	\$0	\$0	\$0	\$0	\$0	\$0
		Total Other Rate Base		\$536,051	\$0	\$0	\$506,232	\$0	\$0
18		Less: Accumulated Deferred Taxes (ADIT)							
19	190	ADIT	TOTPIS	\$4,539,646	\$0	\$2,551	\$6,862,667	\$0	\$2,399
20	282	ADIT - Other Property	TOTPIS	(\$17,536,401)	\$0	(\$9,853)	(\$26,510,100)	\$0	(\$9,266)
21	283	ADIT - Other	TOTPIS	\$0	\$0	\$0	\$0	\$0	\$0
		Total Accumulated Deferred Taxes		(\$12,996,755)	\$0	(\$7,302)	(\$19,647,433)	\$0	(\$6,867)
22		TOTAL RATE BASE		\$70,088,581	\$0	\$43,555	\$104,480,362	\$0	\$41,033

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
RATE BASE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	DEMAND	LIGHTING ENERGY	CUSTOMER
1		General Plant Accumulated Depreciation GENLPIS		\$1,396,392	\$0	\$2,900
2		TOTAL ACCUMULATED DEPRECIATION		\$31,729,107	\$0	\$27,141
3		TOTAL NET PLANT IN SERVICE		\$40,765,246	\$0	\$123,436
4		Working Capital				
5	n/a	Cash Working Capital	OM	(\$186,280)	\$0	(\$16,432)
6	151, 152	Fuel Inventory	EPROD	\$207,533	\$0	\$0
7	154, 163	Materials & Supplies	TOTPIS	\$970,887	\$0	\$2,016
8	165	Prepayments	OM	\$102,852	\$0	\$214
9		Total Working Capital		\$1,094,992	\$0	(\$14,202)
10	252	Less: Customer Contributions				
11	235	Customer Advances for Construction	DCUSTDEP	(\$174,249)	\$0	\$0
12	230&253	Customer Deposits	DCUSTADV	(\$4,700)	\$0	\$0
13		Deferred Credits - Asset Retirement	TOTPIS	(330,646)	0	(1,727)
		Total Less: Customer Contributions		(\$509,595)	\$0	(\$1,727)
14	105.0	Other Rate Base				
15	182.3	Plant Held for Future Use - Transmission P	DTNEHV	\$0	\$0	\$0
16	254	Regulatory Assets	DISTPIS	\$531,969	\$0	\$0
17		Regulatory Liabilities	DISTPIS	\$0	\$0	\$0
		Total Other Rate Base		\$531,969	\$0	\$0
18	190	Less: Accumulated Deferred Taxes (ADIT)				
19	282	ADIT - Other Property	TOTPIS	\$2,253,473	\$0	\$4,679
20	283	ADIT - Other	TOTPIS	(\$8,705,042)	\$0	(\$18,076)
21		Total Accumulated Deferred Taxes	TOTPIS	(\$6,451,569)	\$0	(\$13,397)
22		TOTAL RATE BASE		\$35,451,043	\$0	\$94,110

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	TOTAL TEP	TOTAL RESIDENTIAL	TOTAL SMALL GENERAL SERVICE	TOTAL LARGE GENERAL SERVICE	TOTAL LARGE LIGHT & POWER
1	500	Steam Power Generation Expense						
2	501	Operation Supervision & Engineering	DPROD	\$10,018,926	\$4,916,932	\$2,105,089	\$1,297,217	\$702,976
3	502	501-FUEL PPFAC ELIGIBLE	EFUEL	292,189,698	121,102,785	69,087,097	40,234,780	27,174,234
4	505	Steam Expenses	DPROD	17,774,394	8,723,039	3,734,599	2,301,370	1,247,136
5	506	Electric Expenses	DPROD	2,849,546	1,398,456	598,721	366,950	199,938
6	507	Miscellaneous Steam Power Expenses	DPROD	7,105,981	3,487,362	1,493,046	920,059	498,589
7	510	Rents	DPROD	85,647,219	42,032,602	17,995,439	11,089,319	6,009,416
8	511	Maintenance Supervision & Engineering	DPROD	4,166,964	2,044,997	875,526	539,525	292,374
9	512	Maintenance of Structures	DPROD	4,082,070	2,003,335	857,689	528,533	286,417
10	513	Maintenance of Electric Plant	DPROD	30,696,060	15,064,532	6,449,598	3,974,424	2,153,782
11	514	Maintenance Miscellaneous Steam Plant	DPROD	7,912,836	3,883,338	1,662,575	1,024,528	555,202
12	411	FAS 143 Accretion Expense	DPROD	7,750,254	3,803,548	1,628,415	1,003,477	543,795
13	412	Loss from Disposition of Utility Plant	DPROD	0	0	0	0	0
14		Total Steam Power Generation Expense		\$470,193,950	\$208,460,927	\$106,467,782	\$63,282,182	\$39,663,860
15	546	Other Power Generation Expense						
16	547	546-SUPERVISION & ENGINEERING	DPROD	\$3,765,468	\$1,847,957	\$791,167	\$487,540	\$264,203
17	548 & 549	547-FUEL	EFUEL	0	0	0	0	0
18	550	548-MISC. OTHER POWER GENERATION	DPROD	6,180	3,033	1,298	800	434
19	551	550-RENTS	DPROD	0	0	0	0	0
20	552-554	551-MAINTENANCE SUPERVISION & ENGINEERING	DPROD	124,929	61,311	26,249	16,175	8,766
21	557	552-554-MAINTENANCE PLANT	DPROD	1,080,817	530,427	227,092	139,941	75,835
22		557-OTHER EXPENSES	DPROD	630,823	309,588	132,543	81,677	44,262
		Total Other Power Generation Expense		\$5,608,218	\$2,752,313	\$1,178,349	\$726,133	\$393,499
23		Total Production Expense		\$475,802,168	211,213,241	107,646,131	64,008,315	40,057,359
24	555	Other Power Supply Expense						
25		PURCHASED POWER						
26		DEMAND CHARGES	EPROD	\$0	\$0	\$0	\$0	\$0
27		ENERGY CHARGES	EFUEL	0	0	0	0	0
		TOTAL PURCHASED POWER		\$0	\$0	\$0	\$0	\$0
28	556	SYS CONTRL & LOAD DISP	DPROD	\$0	\$0	\$0	\$0	\$0
29	557	OTHER EXPENSES	DPROD	0	0	0	0	0
30		Total Power Supply Expense		\$0	\$0	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	TOTAL MINING	TOTAL LIGHTING	DEMAND	RESIDENTIAL STANDARD SERVICE ENERGY	CUSTOMER
1	500	Steam Power Generation Expense						
2	501	Operation Supervision & Engineering		\$914,552	\$82,161	\$4,760,314	\$0	\$0
3	502	501-FUEL PPFAC ELIGIBLE		33,425,978	1,184,824	0	116,715,058	0
4	505	Steam Expenses		1,622,489	145,761	8,445,186	0	0
5	506	Electric Expenses		260,113	23,368	1,353,911	0	0
6	507	Miscellaneous Steam Power Expenses		648,651	58,273	3,376,280	0	0
7	510	Rents		7,818,084	702,358	40,683,745	0	0
8	511	Maintenance Supervision & Engineering		380,370	34,172	1,979,858	0	0
9	512	Maintenance of Structures		372,821	33,475	1,939,523	0	0
10	513	Maintenance of Boiler Plant		2,802,010	251,726	14,584,684	0	0
11	514	Maintenance of Electric Plant		722,303	64,890	3,759,643	0	0
12	411	Maintenance Miscellaneous Steam Plant		707,462	63,557	3,682,395	0	0
13	412	FAS 143 Accretion Expense		0	0	0	0	0
14		Loss from Disposition of Utility Plant		0	0	0	0	0
		Total Steam Power Generation Expense		\$49,674,634	\$2,644,566	\$84,575,538	\$116,715,058	\$0
15	546	Other Power Generation Expense						
16	547	546-SUPERVISION & ENGINEERING		\$343,721	\$30,879	\$1,789,095	\$0	\$0
17	548 & 549	547-FUEL		0	0	\$0	\$0	\$0
18	550	548-MISC. OTHER POWER GENERATION		564	51	\$2,936	\$0	\$0
19	551	550-RENTS		0	0	\$0	\$0	\$0
20	552-554	551-MAINTENANCE SUPERVISION & ENGINEERING		11,404	1,024	\$59,358	\$0	\$0
21	557	552-554-MAINTENANCE PLANT		98,660	8,863	\$513,531	\$0	\$0
22		557-OTHER EXPENSES		57,583	5,173	\$299,724	\$0	\$0
		Total Other Power Generation Expense		\$511,932	\$45,991	\$2,664,644	\$0	\$0
23		Total Production Expense		50,186,566	2,690,556	87,240,182	116,715,058	\$0
24	555	Other Power Supply Expense						
25		PURCHASED POWER		\$0	\$0	\$0	\$0	\$0
26		DEMAND CHARGES		0	0	\$0	\$0	\$0
27		ENERGY CHARGES		\$0	\$0	\$0	\$0	\$0
		TOTAL PURCHASED POWER		\$0	\$0	\$0	\$0	\$0
28	556	SYS CONTRL & LOAD DISP		\$0	\$0	\$0	\$0	\$0
29	557	OTHER EXPENSES		0	0	\$0	\$0	\$0
30		Total Power Supply Expense		\$0	\$0	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	RESIDENTIAL TIME-OF-USE SERVICE DEMAND	RESIDENTIAL TIME-OF-USE SERVICE ENERGY	CUSTOMER	SMALL GENERAL SERVICE DEMAND	SMALL GENERAL SERVICE ENERGY	CUSTOMER
1	500	Steam Power Generation Expense		\$156,618	\$0	\$0	\$1,926,268	\$0	\$0
2	501	Operation Supervision & Engineering	DPROD	0	4,387,727	0	0	61,529,066	0
3	502	501-FUEL PPFAC ELIGIBLE	EFUEL	277,854	0	0	0	0	0
4	505	Steam Expenses	DPROD	44,545	0	0	547,862	0	0
5	506	Electric Expenses	DPROD	111,082	0	0	1,366,217	0	0
6	507	Miscellaneous Steam Power Expenses	DPROD	1,338,858	0	0	16,466,794	0	0
7	510	Rents	DPROD	65,139	0	0	801,153	0	0
8	511	Maintenance Supervision & Engineering	DPROD	63,812	0	0	784,831	0	0
9	512	Maintenance of Structures	DPROD	479,848	0	0	5,901,718	0	0
10	513	Maintenance of Boiler Plant	DPROD	123,695	0	0	1,521,346	0	0
11	514	Maintenance of Electric Plant	DPROD	121,154	0	0	1,490,087	0	0
12	411	Maintenance Miscellaneous Steam Plant	DPROD	0	0	0	0	0	0
13	412	FAS 143 Accretion Expense	DPROD	0	0	0	0	0	0
14		Loss from Disposition of Utility Plant	DPROD	0	0	0	0	0	0
		Total Steam Power Generation Expense		\$2,782,805	\$4,387,727	\$0	\$34,223,637	\$61,529,066	\$0
15	546	Other Power Generation Expense		\$58,863	\$0	\$0	\$723,960	\$0	\$0
16	547	546-SUPERVISION & ENGINEERING	DPROD	\$0	\$0	\$0	\$0	\$0	\$0
17	548 & 549	547-FUEL	EFUEL	\$97	\$0	\$0	\$1,188	\$0	\$0
18	550	548-MISC. OTHER POWER GENERATION	DPROD	\$0	\$0	\$0	\$0	\$0	\$0
19	551	550-RENTS	DPROD	\$1,953	\$0	\$0	\$24,019	\$0	\$0
20	552-554	551-MAINTENANCE SUPERVISION & ENGINEERING	DPROD	\$16,896	\$0	\$0	\$207,801	\$0	\$0
21	557	552-554-MAINTENANCE PLANT	DPROD	\$9,861	\$0	\$0	\$121,284	\$0	\$0
22		557-OTHER EXPENSES	DPROD	\$87,669	\$0	\$0	\$1,078,253	\$0	\$0
		Total Other Power Generation Expense		\$87,669	\$0	\$0	\$1,078,253	\$0	\$0
23		Total Production Expense		\$2,870,274	\$4,387,727	\$0	\$35,301,890	\$61,529,066	\$0
24	555	Other Power Supply Expense		\$0	\$0	\$0	\$0	\$0	\$0
25		PURCHASED POWER		0	0	0	0	0	0
26		DEMAND CHARGES	EPROD	\$0	\$0	\$0	\$0	\$0	\$0
27		ENERGY CHARGES	EFUEL	0	0	0	0	0	0
		TOTAL PURCHASED POWER		\$0	\$0	\$0	\$0	\$0	\$0
28	556	SYS CONTRL & LOAD DISP	DPROD	\$0	\$0	\$0	\$0	\$0	\$0
29	557	OTHER EXPENSES	DPROD	0	0	0	0	0	0
30		Total Power Supply Expense		\$0	\$0	\$0	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT NO.	FERC ACCOUNT DESCRIPTION	Allocation	SMALL GENERAL SERVICE TIME OF USE		GENERAL SERVICE INTERRUPTIBLE	
				DEMAND	ENERGY	DEMAND	ENERGY
1	500	Steam Power Generation Expense		\$94,929	\$0	\$63,890	\$0
2	501	Operation Supervision & Engineering	DPROD	0	4,140,143	0	3,397,888
3	502	501-FUEL PPFAC ELIGIBLE	EFUEL	168,412	0	148,828	0
4	505	Steam Expenses	DPROD	26,999	0	23,860	0
5	506	Electric Expenses	DPROD	67,329	0	59,500	0
6	507	Miscellaneous Steam Power Expenses	DPROD	811,504	0	717,141	0
7	510	Rents	DPROD	39,482	0	34,891	0
8	511	Maintenance Supervision & Engineering	DPROD	38,677	0	34,180	0
9	512	Maintenance of Structures	DPROD	290,844	0	257,024	0
10	513	Maintenance of Boiler Plant	DPROD	74,974	0	66,256	0
11	514	Maintenance of Electric Plant	DPROD	73,433	0	64,894	0
12	411	Maintenance Miscellaneous Steam Plant	DPROD	0	0	0	0
13	412	FAS 143 Accretion Expense	DPROD	0	0	0	0
14		Loss from Disposition of Utility Plant	DPROD	0	0	0	0
		Total Steam Power Generation Expense		\$1,686,583	\$4,140,143	\$1,490,464	\$3,397,888
15	546	Other Power Generation Expense		\$35,678	\$0	\$31,529	\$0
16	547	546-SUPERVISION & ENGINEERING	DPROD	\$0	\$0	\$0	\$0
17	548 & 549	547-FUEL	EFUEL	\$59	\$0	\$52	\$0
18	550	548-MISC. OTHER POWER GENERATION	DPROD	\$0	\$0	\$0	\$0
19	551	550-RENTS	DPROD	\$1,184	\$0	\$1,046	\$0
20	552-554	551-MAINTENANCE SUPERVISION & ENGINEERING	DPROD	\$10,241	\$0	\$9,050	\$0
21	557	552-554-MAINTENANCE PLANT	DPROD	\$5,977	\$0	\$5,282	\$0
22		557-OTHER EXPENSES	DPROD	\$53,138	\$0	\$46,959	\$0
		Total Other Power Generation Expense		\$75,138	\$0	\$63,266	\$0
23		Total Production Expense		\$1,739,721	\$4,140,143	\$1,553,723	\$3,397,888
24	555	Other Power Supply Expense		\$0	\$0	\$0	\$0
25		PURCHASED POWER	EPROD	\$0	\$0	\$0	\$0
26		DEMAND CHARGES	EFUEL	0	0	0	0
27		ENERGY CHARGES		\$0	\$0	\$0	\$0
		TOTAL PURCHASED POWER		\$0	\$0	\$0	\$0
28	556	SYS CONTRL & LOAD DISP	DPROD	\$0	\$0	\$0	\$0
29	557	OTHER EXPENSES	DPROD	0	0	0	0
30		Total Power Supply Expense		\$0	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	LARGE GENERAL SERVICE ENERGY		LARGE GENERAL SERVICE TIME OF USE CUSTOMER	
				DEMAND	ENERGY	DEMAND	ENERGY
1	500	Steam Power Generation Expense					
2	501	Operation Supervision & Engineering	DPROD	\$1,120,540	\$0	\$0	\$0
3	502	501-FUEL PPFAC ELIGIBLE	EFUEL	0	33,027,040	0	7,207,740
4	505	Steam Expenses	DPROD	1,987,930	0	313,439	0
5	506	Electric Expenses	DPROD	318,700	0	50,250	0
6	507	Miscellaneous Steam Power Expenses	DPROD	794,750	0	125,309	0
7	510	Rents	DPROD	9,578,988	0	1,510,331	0
8	511	Maintenance Supervision & Engineering	DPROD	466,043	0	73,482	0
9	512	Maintenance of Structures	DPROD	456,548	0	71,985	0
10	513	Maintenance of Boiler Plant	DPROD	3,433,120	0	541,304	0
11	514	Maintenance of Electric Plant	DPROD	884,990	0	139,538	0
12	411	Maintenance Miscellaneous Steam Plant	DPROD	866,807	0	136,671	0
13	412	FAS 143 Accretion Expense	DPROD	0	0	0	0
14		Loss from Disposition of Utility Plant	DPROD	0	0	0	0
		Total Steam Power Generation Expense		\$19,908,417	\$33,027,040	\$0	\$3,138,985
							\$7,207,740
15	546	Other Power Generation Expense					
16	547	546-SUPERVISION & ENGINEERING	DPROD	\$421,139	\$0	\$66,401	\$0
17	548 & 549	547-FUEL	EFUEL	\$0	\$0	\$0	\$0
18	550	548-MISC. OTHER POWER GENERATION	DPROD	\$691	\$0	\$109	\$0
19	551	550-RENTS	DPROD	\$0	\$0	\$0	\$0
20	552-554	551-MAINTENANCE SUPERVISION & ENGINEERING	DPROD	\$13,972	\$0	\$2,203	\$0
21	557	552-554-MAINTENANCE PLANT	DPROD	\$120,881	\$0	\$19,059	\$0
22		557-OTHER EXPENSES	DPROD	\$70,553	\$0	\$11,124	\$0
		Total Other Power Generation Expense		\$627,236	\$0	\$98,897	\$0
23		Total Production Expense		\$20,535,653	\$33,027,040	\$0	\$3,237,882
							\$7,207,740
24	555	Other Power Supply Expense					
25		PURCHASED POWER					
26		DEMAND CHARGES	EPROD	\$0	\$0	\$0	\$0
27		ENERGY CHARGES	EFUEL	0	0	0	0
		TOTAL PURCHASED POWER		\$0	\$0	\$0	\$0
28	556	SYS CONTRL & LOAD DISP	DPROD	\$0	\$0	\$0	\$0
29	557	OTHER EXPENSES	DPROD	0	0	0	0
30		Total Power Supply Expense		\$0	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		LARGE LIGHT & POWER ENERGY		LARGE LIGHT & POWER TIME OF USE ENERGY	
			Allocation	Allocation	DEMAND	ENERGY	DEMAND	ENERGY
1	500	Steam Power Generation Expense						
2	501	Operation Supervision & Engineering	DPROD	\$217,995	\$0	\$0	\$484,981	\$0
3	502	501-FUEL PPFAC ELIGIBLE	EFUEL	0	10,341,687	0	0	16,832,547
4	505	Stream Expenses	DPROD	386,741	0	0	860,395	0
5	506	Electric Expenses	DPROD	62,001	0	0	137,936	0
6	507	Miscellaneous Steam Power Expenses	DPROD	154,614	0	0	343,975	0
7	510	Rents	DPROD	1,863,539	0	0	4,145,877	0
8	511	Maintenance Supervision & Engineering	DPROD	90,666	0	0	201,708	0
9	512	Maintenance of Structures	DPROD	88,819	0	0	197,598	0
10	513	Maintenance of Boiler Plant	DPROD	687,895	0	0	1,485,887	0
11	514	Maintenance of Electric Plant	DPROD	172,170	0	0	383,032	0
12	411	Maintenance Miscellaneous Steam Plant	DPROD	168,632	0	0	375,162	0
13	412	FAS 143 Accretion Expense	DPROD	0	0	0	0	0
14		Less from Disposition of Utility Plant	DPROD	0	0	0	0	0
		Total Steam Power Generation Expense		\$3,873,073	\$10,341,687	\$0	\$5,616,552	\$16,832,547
15	546	Other Power Generation Expense						
16	547	546-SUPERVISION & ENGINEERING	DPROD	\$81,930	\$0	\$0	\$182,273	\$0
17	548 & 549	547-FUEL	EFUEL	\$0	\$0	\$0	\$0	\$0
18	550	548-MISC. OTHER POWER GENERATION	DPROD	\$134	\$0	\$0	\$299	\$0
19	551	550-RENTS	DPROD	\$0	\$0	\$0	\$0	\$0
20	552-554	551-MAINTENANCE SUPERVISION & ENGINEERING	DPROD	\$2,718	\$0	\$0	\$6,047	\$0
21	557	552-554-MAINTENANCE PLANT	DPROD	\$23,517	\$0	\$0	\$52,319	\$0
22		557-OTHER EXPENSES	DPROD	\$13,726	\$0	\$0	\$30,536	\$0
		Total Other Power Generation Expense		\$122,025	\$0	\$0	\$271,474	\$0
23		Total Production Expense		\$3,995,098	\$10,341,687	\$0	\$5,888,026	\$16,832,547
24	555	Other Power Supply Expense						
25		PURCHASED POWER						
26		DEMAND CHARGES	EPROD	\$0	\$0	\$0	\$0	\$0
27		ENERGY CHARGES	EFUEL	0	0	0	0	0
		TOTAL PURCHASED POWER		\$0	\$0	\$0	\$0	\$0
28	556	SYS CONTRL & LOAD DISP	DPROD	\$0	\$0	\$0	\$0	\$0
29	557	OTHER EXPENSES	DPROD	0	0	0	0	0
30		Total Power Supply Expense		\$0	\$0	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	DEMAND	MINING ENERGY	CUSTOMER	DEMAND	LIGHTING ENERGY	CUSTOMER
1	500	Steam Power Generation Expense		\$914,552	\$0	\$0	\$82,161	\$0	\$0
2	501	Operation Supervision & Engineering	DPROD	0	33,425,978	0	0	1,184,824	0
3	502	501-FUEL PPFAC ELIGIBLE	EFUEL	0	0	0	0	0	0
4	505	Steam Expenses	DPROD	1,622,489	0	0	145,761	0	0
5	506	Electric Expenses	DPROD	260,113	0	0	23,368	0	0
6	507	Miscellaneous Steam Power Expenses	DPROD	648,651	0	0	58,273	0	0
7	510	Rents	DPROD	7,818,084	0	0	702,358	0	0
8	511	Maintenance Supervision & Engineering	DPROD	380,370	0	0	34,172	0	0
9	512	Maintenance of Structures	DPROD	372,621	0	0	33,475	0	0
10	513	Maintenance of Boiler Plant	DPROD	2,802,010	0	0	251,726	0	0
11	514	Maintenance of Electric Plant	DPROD	722,303	0	0	64,890	0	0
12	411	Maintenance Miscellaneous Steam Plant	DPROD	707,462	0	0	63,557	0	0
13	412	FAS 143 Accretion Expense	DPROD	0	0	0	0	0	0
14		Loss from Disposition of Utility Plant	DPROD	0	0	0	0	0	0
		Total Steam Power Generation Expense		\$16,248,657	\$33,425,978	\$0	\$1,459,741	\$1,184,824	\$0
15	546	Other Power Generation Expense		\$343,721	\$0	\$0	\$30,879	\$0	\$0
16	547	546-SUPERVISION & ENGINEERING	DPROD	\$0	\$0	\$0	\$0	\$0	\$0
17	548 & 549	547-FUEL	EFUEL	\$564	\$0	\$0	\$51	\$0	\$0
18	550	548-MISC. OTHER POWER GENERATION	DPROD	\$0	\$0	\$0	\$0	\$0	\$0
19	551	550-RENTS	DPROD	\$11,404	\$0	\$0	\$1,024	\$0	\$0
20	552-554	551-MAINTENANCE SUPERVISION & ENGINEERING	DPROD	\$98,660	\$0	\$0	\$8,863	\$0	\$0
21	557	552-554-MAINTENANCE PLANT	DPROD	\$57,583	\$0	\$0	\$5,173	\$0	\$0
22		557-OTHER EXPENSES	DPROD	\$511,932	\$0	\$0	\$45,991	\$0	\$0
		Total Other Power Generation Expense		\$16,760,588	\$33,425,978	\$0	\$1,505,732	\$1,184,824	\$0
24	555	Other Power Supply Expense		\$0	\$0	\$0	\$0	\$0	\$0
25		PURCHASED POWER	EPROD	\$0	\$0	\$0	\$0	\$0	\$0
26		DEMAND CHARGES	EFUEL	0	0	0	0	0	0
27		ENERGY CHARGES		\$0	\$0	\$0	\$0	\$0	\$0
		TOTAL PURCHASED POWER		\$0	\$0	\$0	\$0	\$0	\$0
28	556	SYS CONTRL & LOAD DISP	DPROD	\$0	\$0	\$0	\$0	\$0	\$0
29	557	OTHER EXPENSES	DPROD	0	0	0	0	0	0
30		Total Power Supply Expense		\$0	\$0	\$0	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	TOTAL TEP	TOTAL RESIDENTIAL	TOTAL SMALL GENERAL SERVICE	TOTAL LARGE GENERAL SERVICE	TOTAL LARGE LIGHT & POWER
1	560-573	Transmission Non-EHV (138 KV & below)	DITNEHV	\$0	\$0	\$0	\$0	\$0
2	560-573	Transmission EHV (345 KV & above)	DTEHV	90,028,056	44,182,561	18,915,902	11,656,535	6,316,797
3		Total Transmission Plant		\$90,028,056	\$44,182,561	\$18,915,902	\$11,656,535	\$6,316,797
4	580	Distribution Plant						
5	581	Operation Supervision & Engineering	LAB58189	\$1,321,680	\$725,297	\$254,945	\$154,199	\$65,266
6	582	Load Dispatching	DISTPIS	592,834	337,287	106,046	69,569	29,567
7	583	Station Expenses	DISTPIS	230,240	120,875	43,709	30,915	13,183
8	584	Overhead Line Expenses	OHDIST	627,561	327,818	118,540	83,844	35,754
9	585	Underground Line Expenses	UGDIST	141,291	78,576	28,413	20,097	8,570
10	586	Street Lighting & Signal System Expenses	DDISTLTG	172,310	0	0	0	0
11	587	Meter Expenses	CMETERS	2,287,037	1,718,169	534,154	26,555	4,707
12	588	Customer Installations Expense	CMETERS	135,368	101,697	31,616	1,572	279
13	589	Miscellaneous Distribution Expenses	DISTPIS	9,784,316	5,136,747	1,857,456	1,313,791	560,249
14	590	Rents	DISTPIS	867,282	455,321	164,645	116,454	49,660
15	591	Maintenance Supervision & Engineering	LAB59198	780,444	410,110	148,297	104,891	44,729
16	592	Maintenance of Structures	DISTPIS	0	0	0	0	0
17	593	Maintenance of Station Equipment	DISTPIS	1,088,984	571,715	206,733	146,224	62,355
18	594	Maintenance of Overhead Lines	OHDIST	925,427	483,414	174,803	123,640	52,724
19	595	Maintenance of Underground Lines	UGDIST	165,484	92,031	33,279	23,538	10,038
20	596	Maintenance of Line Transformers	PLT368	494,257	258,184	93,360	66,034	28,159
21	597	Maintenance of Street Lighting & Signal Systems	DDISTLTG	0	0	0	0	0
22	598	Maintenance of Meters	CMETERS	116,105	87,225	27,117	1,348	239
23	407	Maintenance of Miscellaneous Distribution Plant	DISTPIS	252,158	132,382	47,870	33,859	14,439
24		Regulatory Asset Amortization	DISTPIS	2,982,638	1,565,879	566,225	400,494	170,785
		Total Distribution Plant		\$22,965,413	\$12,602,730	\$4,439,206	\$2,717,024	\$1,150,704
25		Customer Account Expense						
26	902	Meter Reading Expenses	CREAD	\$3,037,059	\$2,752,905	\$278,812	\$5,167	\$160
27	903	Customer Records & Collection Expenses	CBILLCOL	13,230,911	11,718,280	1,186,820	21,995	862
28	904	Uncollectible Accounts	EUNCOL	2,080,293	929,845	590,893	257,511	139,449
29	905	Miscellaneous Customer Accounts Expenses	CCUSINFO	0	0	0	0	0
30	908	Customer Assistance Expenses	CCUSINFO	967,950	834,340	127,443	4,345	598
31	909	Informational and Instructional Advertising Expenses	CCUSINFO	121,526	104,751	16,000	546	75
32	910	Miscellaneous Customer Service & Informational Expenses	CCUSINFO	14,638	12,618	1,927	66	9
		Total Customer Account Expense		\$19,452,377	\$16,352,738	\$2,201,896	\$289,630	\$140,972
33		Total Operation and Maintenance Expense Excluding Fuel & Power Supply Expense & A&G		\$786,252,266	\$371,709,412	\$170,603,820	\$101,718,905	\$60,155,457
34	920-935	Administrative and General Expense	OMXGENL	\$65,884,580	\$33,419,072	\$13,540,197	\$8,199,074	\$4,398,135
35		Total Operation and Maintenance Expense		\$674,132,594	\$317,770,341	\$146,743,332	\$86,870,578	\$52,063,967

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	TOTAL MINING	TOTAL LIGHTING	DEMAND	RESIDENTIAL STANDARD SERVICE ENERGY	CUSTOMER
1	560-573	Transmission Non-EHV (138 KV & below)	D'TNEHV	\$0	\$0	\$0	\$0	\$0
2	560-573	Transmission EHV (345 KV & above)	D'IEHV	8,217,978	738,284	\$42,775,221	\$0	\$0
3		Total Transmission Plant		\$8,217,978	\$738,284	\$42,775,221	\$0	\$0
4	580	Distribution Plant	LAB58189	\$52,271	\$69,701	\$578,510	\$0	\$121,401
5	581	Operation Supervision & Engineering	DISTPIS	23,568	24,796	263,050	0	63,208
6	582	Load Dispatching	DISTPIS	10,511	11,045	117,482	0	0
7	583	Station Expenses	OHDIST	38,102	23,503	318,614	0	0
8	584	Overhead Line Expenses	UGDIST	0	5,634	76,370	0	0
9	585	Underground Line Expenses	DDISTLTG	0	172,310	0	0	1,602,618
10	586	Street Lighting & Signal System Expenses	CMETERS	3,452	0	0	0	94,858
11	587	Meter Expenses	CMETERS	204	0	0	0	0
12	588	Customer Installations Expense	DISTPIS	446,682	469,391	4,992,532	0	0
13	589	Miscellaneous Distribution Expenses	DISTPIS	39,594	41,607	442,538	0	0
14	590	Rents	LAB59198	39,317	33,100	398,596	0	0
15	591	Maintenance Supervision & Engineering	DISTPIS	0	0	0	0	0
16	592	Maintenance of Structures	DISTPIS	49,715	52,243	555,664	0	0
17	593	Maintenance of Station Equipment	OHDIST	56,187	34,659	469,842	0	0
18	594	Maintenance of Overhead Lines	UGDIST	0	6,598	89,447	0	0
19	595	Maintenance of Underground Lines	PLT368	30,008	18,511	250,936	0	0
20	596	Maintenance of Line Transformers	DDISTLTG	0	0	0	0	0
21	597	Maintenance of Street Lighting & Signal Systems	CMETERS	175	0	0	0	81,359
22	598	Maintenance of Meters	DISTPIS	11,512	12,097	128,666	0	0
23	407	Maintenance of Miscellaneous Distribution Plant	DISTPIS	136,166	143,089	1,521,917	0	0
24		Regulatory Asset Amortization		\$937,465	\$1,116,284	\$10,204,165	\$0	\$1,963,443
25	902	Total Distribution Plant		\$15	\$0	\$0	\$0	\$2,623,755
26	903	Customer Account Expense	CREAD	62	303,073	0	0	11,168,530
27	904	Meter Reading Expenses	CBILLCOL	152,528	10,066	902,118	0	0
28	905	Customer Records & Collection Expenses	EUNCOL	0	0	0	0	0
29	908	Uncollectible Accounts	CCUSINFO	415	809	0	0	791,381
30	909	Miscellaneous Customer Accounts Expenses	CCUSINFO	52	102	0	0	99,358
31	910	Customer Assistance Expenses	CCUSINFO	6	12	0	0	11,968
32		Informational and Instructional Advertising Expenses		\$153,078	\$314,063	\$902,118	\$0	\$14,684,991
33		Miscellaneous Customer Service & Informational Expenses						
34	920-935	Total Customer Account Expense		\$75,743,743	\$6,320,928	\$225,697,223	\$116,715,058	\$16,658,434
35		Total Operation and Maintenance Expense Excluding Fuel & Power Supply Expense & A&G		\$5,643,189	\$684,913	\$30,097,335	\$0	\$2,221,447
		Administrative and General Expense	OMXGENL					
		Total Operation and Maintenance Expense		\$65,138,275	\$5,546,100	\$171,219,020	\$116,715,058	\$18,879,882

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		RESIDENTIAL TIME-OF-USE SERVICE		SMALL GENERAL SERVICE		CUSTOMER
			DTNEHV	DTEHV	DEMAND	ENERGY	DEMAND	ENERGY	
1	560-573	Transmission Non-EHV (138 KV & below)			\$0	\$0	\$0	\$0	\$0
2	560-573	Transmission EHV (345 KV & above)			1,407,340	0	17,309,067	0	0
3		Total Transmission Plant			\$1,407,340	\$0	\$17,309,067	\$0	\$0
4	580	Distribution Plant							
5	581	Operation Supervision & Engineering	LAB58189		\$16,711	\$0	\$199,294	\$0	\$38,176
6	582	Load Dispatching	DISTPIS		7,599	0	90,619	0	9,676
7	583	Station Expenses	DISTPIS		3,394	0	40,472	0	0
8	584	Overhead Line Expenses	OHDIST		9,204	0	109,761	0	0
9	585	Underground Line Expenses	UGDIST		2,206	0	26,309	0	0
10	586	Street Lighting & Signal System Expenses	DDISTLTG		0	0	0	0	0
11	587	Meter Expenses	CMETERS		0	0	0	0	0
12	588	Customer Installations Expense	CMETERS		115,551	0	0	0	513,582
13	589	Miscellaneous Distribution Expenses	DISTPIS		6,839	0	0	0	30,399
14	590	Rents	DISTPIS		144,215	0	1,719,899	0	0
15	591	Maintenance Supervision & Engineering	DISTPIS		12,783	0	152,452	0	0
16	592	Maintenance of Structures	LAB59198		11,514	0	137,314	0	0
17	593	Maintenance of Station Equipment	DISTPIS		0	0	0	0	0
18	594	Maintenance of Overhead Lines	OHDIST		16,051	0	191,423	0	0
19	595	Maintenance of Underground Lines	UGDIST		13,572	0	161,858	0	0
20	596	Maintenance of Line Transformers	PLT368		2,584	0	30,814	0	0
21	597	Maintenance of Street Lighting & Signal Systems	DDISTLTG		7,249	0	86,446	0	0
22	598	Maintenance of Meters	CMETERS		0	0	0	0	0
23	407	Maintenance of Miscellaneous Distribution Plant	DISTPIS		3,717	0	44,325	0	26,073
24		Regulatory Asset Amortization	DISTPIS		43,962	0	524,292	0	0
		Total Distribution Plant			\$294,759	\$0	\$3,515,278	\$0	\$617,916
25	902	Customer Account Expense							
26	903	Meter Reading Expenses	CREAD		\$0	\$0	\$0	\$0	\$261,840
27	904	Customer Records & Collection Expenses	CBILLCOL		0	0	0	0	1,114,572
28	905	Uncollectible Accounts	EUNCOL		27,728	0	542,700	0	0
29	908	Miscellaneous Customer Accounts Expenses	CCUSINFO		0	0	0	0	0
30	909	Customer Assistance Expenses	CCUSINFO		0	0	0	0	0
31	910	Informational and Instructional Advertising Expenses	CCUSINFO		0	0	0	0	121,146
32		Informational and Instructional Advertising Expenses	CCUSINFO		0	0	0	0	15,210
		Total Customer Account Expense			\$27,728	\$0	\$542,700	\$0	1,852
33		Total Operation and Maintenance Expense Excluding Fuel & Power Supply Expense & A&G			\$7,382,705	\$4,387,727	\$90,882,572	\$61,529,066	\$2,132,516
34	920-935	Administrative and General Expense	OMXGENL		\$984,504	\$0	\$12,120,770	\$0	\$284,377
35		Total Operation and Maintenance Expense			\$5,584,604	\$4,387,727	\$88,789,705	\$61,529,066	\$2,416,893

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT NO.	FERC ACCOUNT DESCRIPTION	Allocation		SMALL GENERAL SERVICE TIME OF USE		GENERAL SERVICE INTERRUPTIBLE		
			DTNEHV	DTEHV	DEMAND	ENERGY	DEMAND	ENERGY	AGRICULTURAL PUMPING
1	560-573	Transmission Non-EHV (138 KV & below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	560-573	Transmission EHV (345 KV & above)	853,012	0	0	0	753,822	0	0
3		Total Transmission Plant	\$853,012	\$0	\$0	\$0	\$753,822	\$0	\$0
4	580	Distribution Plant							
5	581	Operation Supervision & Engineering	LAB58189		\$9,029	\$1,074	\$6,910	\$0	\$462
6	582	Load Dispatching	DISTPIS		4,105	379	3,142	0	124
7	583	Station Expenses	DISTPIS		1,834	0	1,403	0	0
8	584	Overhead Line Expenses	OHDIST		4,973	0	3,806	0	0
9	585	Underground Line Expenses	UGDIST		1,192	0	912	0	0
10	586	Street Lighting & Signal System Expenses	DDISTLTG		0	0	0	0	0
11	587	Meter Expenses	CMETERS		0	14,347	0	0	0
12	588	Customer Installations Expense	CMETERS		0	849	0	0	6,214
13	589	Miscellaneous Distribution Expenses	DISTPIS		77,920	0	59,637	0	368
14	590	Rents	DISTPIS		6,907	0	5,286	0	0
15	591	Maintenance Supervision & Engineering	LAB59198		6,221	0	4,761	0	0
16	592	Maintenance of Structures	DISTPIS		0	0	0	0	0
17	593	Maintenance of Station Equipment	DISTPIS		8,672	0	6,638	0	0
18	594	Maintenance of Overhead Lines	OHDIST		7,333	0	5,612	0	0
19	595	Maintenance of Underground Lines	UGDIST		1,396	0	1,068	0	0
20	596	Maintenance of Line Transformers	PLT368		3,916	0	2,998	0	0
21	597	Maintenance of Street Lighting & Signal Systems	DDISTLTG		0	0	0	0	0
22	598	Maintenance of Meters	CMETERS		0	728	0	0	315
23	407	Maintenance of Miscellaneous Distribution Plant	DISTPIS		2,008	0	1,537	0	0
24		Regulatory Asset Amortization	DISTPIS		23,753	0	18,190	0	0
		Total Distribution Plant			\$159,259	\$17,378	\$121,892	\$0	\$7,483
25	902	Customer Account Expense			\$0	\$13,449	\$0	\$0	\$3,524
26	903	Meter Reading Expenses	CREAD		0	57,249	0	0	14,999
27	904	Customer Records & Collection Expenses	CBILLCOL		29,382	0	18,812	0	0
28	905	Uncollectible Accounts	EUNCOL		0	0	0	0	0
29	908	Miscellaneous Customer Accounts Expenses	CCUSINFO		0	0	0	0	0
30	909	Customer Assistance Expenses	CCUSINFO		0	4,750	0	0	1,547
31	910	Informational and Instructional Advertising Expenses	CCUSINFO		0	596	0	0	194
32		Miscellaneous Customer Service & Informational Expenses	CCUSINFO		0	72	0	0	23
		Total Customer Account Expense			\$29,382	\$76,116	\$18,812	\$0	\$20,287
33		Total Operation and Maintenance Expense Excluding Fuel & Power Supply Expense & A&G			\$4,467,957	\$4,140,143	\$3,922,413	\$3,397,888	\$27,771
34	920-935	Administrative and General Expense	OMXGENL		\$595,814	\$0	\$523,064	\$0	\$3,703
35		Total Operation and Maintenance Expense			\$3,377,188	\$4,140,143	\$2,955,013	\$3,397,888	\$31,474

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		LARGE GENERAL SERVICE ENERGY		LARGE GENERAL SERVICE DEMAND		LARGE GENERAL SERVICE TIME OF USE ENERGY		CUSTOMER
			DTNEHV	DTEHV	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY	
1	560-573	Transmission Non-EHV (138 KV & below)			\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	560-573	Transmission EHV (345 KV & above)			10,068,951	0	0	1,587,584	0	0	0
3		Total Transmission Plant			\$10,068,951	\$0	\$0	\$1,587,584	\$0	\$0	\$0
4	580	Distribution Plant									
5	581	Operation Supervision & Engineering	LAB58189		\$136,074	\$0	\$0	\$16,161	\$0	\$0	\$282
6	582	Load Dispatching	DISTPIS		61,873	0	288	7,349	0	0	59
7	583	Station Expenses	DISTPIS		27,633	0	0	3,282	0	0	0
8	584	Overhead Line Expenses	OHDIST		74,943	0	0	8,901	0	0	0
9	585	Underground Line Expenses	UGDIST		17,963	0	0	2,133	0	0	0
10	586	Street Lighting & Signal System Expenses	DDISTLTG		0	0	0	0	0	0	0
11	587	Meter Expenses	CMETERS		0	0	22,753	0	0	0	3,802
12	588	Customer Installations Expense	CMETERS		0	0	1,347	0	0	0	225
13	589	Miscellaneous Distribution Expenses	DISTPIS		1,174,320	0	0	139,471	0	0	0
14	590	Rentals	DISTPIS		104,092	0	0	12,363	0	0	0
15	591	Maintenance Supervision & Engineering	LAB59198		93,756	0	0	11,135	0	0	0
16	592	Maintenance of Structures	DISTPIS		0	0	0	0	0	0	0
17	593	Maintenance of Station Equipment	DISTPIS		130,701	0	0	15,523	0	0	0
18	594	Maintenance of Overhead Lines	OHDIST		110,514	0	0	13,126	0	0	0
19	595	Maintenance of Underground Lines	UGDIST		21,039	0	0	2,499	0	0	0
20	596	Maintenance of Line Transformers	PLT368		59,024	0	0	7,010	0	0	0
21	597	Maintenance of Street Lighting & Signal Systems	DDISTLTG		0	0	0	0	0	0	0
22	598	Maintenance of Meters	CMETERS		0	0	1,155	0	0	0	193
23	407	Maintenance of Miscellaneous Distribution Plant	DISTPIS		30,264	0	0	3,594	0	0	0
24		Regulatory Asset Amortization	DISTPIS		357,978	0	0	42,516	0	0	0
		Total Distribution Plant			\$2,400,175	\$0	\$27,224	\$285,063	\$0	\$0	\$4,561
25	902	Customer Account Expense									
26	903	Meter Reading Expenses	CREAD		\$0	\$0	\$3,901	\$0	\$0	\$0	\$1,266
27	904	Customer Records & Collection Expenses	CBILLCOL		0	0	16,605	0	0	0	5,390
28	905	Uncollectible Accounts	EUNCOL		219,138	0	0	38,374	0	0	0
29	908	Miscellaneous Customer Accounts Expenses	CCUSINFO		0	0	0	0	0	0	0
30	909	Customer Assistance Expenses	CCUSINFO		0	0	3,606	0	0	0	739
31	910	Informational and Instructional Advertising Expenses	CCUSINFO		0	0	453	0	0	0	93
32		Informational and Instructional Advertising Expenses	CCUSINFO		0	0	55	0	0	0	11
		Miscellaneous Customer Service & Informational Expenses			\$219,138	\$0	\$24,618	\$38,374	\$0	\$0	\$7,500
		Total Customer Account Expense									
33		Total Operation and Maintenance Expense Excluding Fuel & Power Supply Expense & A&G			\$53,132,334	\$33,027,040	\$51,842	\$8,287,888	\$7,207,740	\$12,061	\$1,608
34	920-935	Administrative and General Expense	OMXGENL		\$7,085,341	\$0	\$6,913	\$1,105,212	\$0	\$0	\$1,608
35		Total Operation and Maintenance Expense			\$40,309,258	\$33,027,040	\$58,756	\$6,254,115	\$7,207,740	\$13,669	\$1,608

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		LARGE LIGHT & POWER ENERGY		LARGE LIGHT & POWER ENERGY		LARGE LIGHT & POWER TIME OF USE	
			DTNEHV	DTEHV	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
1	560-573	Transmission Non-EHV (138 KV & below)			\$0	\$0	\$0	\$0	\$0	\$0
2	560-573	Transmission EHV (345 KV & above)			1,958,859	0	4,357,938	0	0	0
3		Total Transmission Plant			\$1,958,859	\$0	\$4,357,938	\$0	\$0	\$0
4	580	Distribution Plant								
5	581	Operation Supervision & Engineering	LAB58189		\$10,111	\$0	\$54,808	\$0	\$0	\$255
6	582	Load Dispatching	DISTPIS		4,597	0	24,921	0	0	35
7	583	Station Expenses	DISTPIS		2,053	0	11,130	0	0	0
8	584	Overhead Line Expenses	OHDIST		5,569	0	30,186	0	0	0
9	585	Underground Line Expenses	UGDIST		1,335	0	7,235	0	0	0
10	586	Street Lighting & Signal System Expenses	DDISTLTG		0	0	0	0	0	0
11	587	Meter Expenses	CMETERS		0	0	0	0	0	3,452
12	588	Customer Installations Expense	CMETERS		0	0	0	0	0	204
13	589	Miscellaneous Distribution Expenses	DISTPIS		87,256	0	472,993	0	0	0
14	590	Rents	DISTPIS		7,734	0	41,926	0	0	0
15	591	Maintenance Supervision & Engineering	LAB59198		6,966	0	37,763	0	0	0
16	592	Maintenance of Structures	DISTPIS		0	0	0	0	0	0
17	593	Maintenance of Station Equipment	DISTPIS		9,711	0	52,644	0	0	0
18	594	Maintenance of Overhead Lines	OHDIST		8,212	0	44,513	0	0	0
19	595	Maintenance of Underground Lines	UGDIST		1,563	0	8,474	0	0	0
20	596	Maintenance of Line Transformers	PLT368		4,386	0	23,774	0	0	0
21	597	Maintenance of Street Lighting & Signal Systems	DDISTLTG		0	0	0	0	0	0
22	598	Maintenance of Meters	CMETERS		0	0	0	0	0	175
23	407	Maintenance of Miscellaneous Distribution Plant	DISTPIS		2,249	0	12,190	0	0	0
24		Regulatory Asset Amortization	DISTPIS		26,599	0	144,187	0	0	0
		Total Distribution Plant			\$178,341	\$0	\$866,743	\$0	\$0	\$4,122
25	902	Customer Account Expense								
26	903	Meter Reading Expenses	CREAD		\$0	\$0	\$0	\$0	\$0	\$131
27	904	Customer Records & Collection Expenses	CBILLCOL		0	0	0	0	0	558
28	905	Uncollectible Accounts	EUNCOL		58,161	0	81,288	0	0	0
29	908	Miscellaneous Customer Accounts Expenses	CCUSINFO		0	0	0	0	0	0
30	909	Customer Assistance Expenses	CCUSINFO		0	0	0	0	0	441
31	910	Informational and Instructional Advertising Expenses	CCUSINFO		0	0	0	0	0	55
32		Miscellaneous Customer Service & Informational Expenses	CCUSINFO		0	0	0	0	0	7
		Total Customer Account Expense			\$58,161	\$0	\$81,288	\$0	\$0	\$1,192
33		Total Operation and Maintenance Expense Excluding Fuel & Power Supply Expense & A&G			\$10,063,532	\$10,341,687	\$1,830	\$22,910,548	\$16,832,547	\$5,313
34	920-935	Administrative and General Expense	OMXGENL		\$1,341,999	\$0	\$244	\$3,055,184	\$0	\$709
35		Total Operation and Maintenance Expense			\$7,532,458	\$10,341,687	\$2,074	\$17,348,179	\$16,832,547	\$6,022

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		MINING ENERGY		DEMAND		LIGHTING ENERGY		CUSTOMER	
			DTNEHV	DTEHV	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
1	560-573	Transmission Non-EHV (138 KV & below)			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2	560-573	Transmission EHV (345 KV & above)			8,217,978	0	0	738,284	0	0	0	0
3		Total Transmission Plant			\$8,217,978	\$0	\$0	\$738,284	\$0	\$0	\$0	\$0
		Distribution Plant										
4	560	Operation Supervision & Engineering	LAB58189		\$52,017	\$0	\$254	\$69,696	\$0	\$4	\$4	\$4
5	581	Load Dispatching	DISTPIS		23,535	0	33	24,732	0	0	65	65
6	582	Station Expenses	DISTPIS		10,511	0	0	11,045	0	0	0	0
7	583	Overhead Line Expenses	OHDIST		38,102	0	0	23,503	0	0	0	0
8	584	Underground Line Expenses	UGDIST		0	0	0	5,634	0	0	0	0
9	585	Street Lighting & Signal System Expenses	DDISTLTG		0	0	0	172,310	0	0	0	0
10	586	Meter Expenses	CMETERS		0	0	3,452	0	0	0	0	0
11	587	Customer Installations Expense	CMETERS		0	0	204	0	0	0	0	0
12	588	Miscellaneous Distribution Expenses	DISTPIS		446,682	0	0	469,391	0	0	0	0
13	589	Rents	DISTPIS		39,594	0	0	41,607	0	0	0	0
14	590	Maintenance Supervision & Engineering	LAB59198		39,317	0	0	33,100	0	0	0	0
15	591	Maintenance of Structures	DISTPIS		0	0	0	0	0	0	0	0
16	592	Maintenance of Station Equipment	DISTPIS		49,715	0	0	52,243	0	0	0	0
17	593	Maintenance of Overhead Lines	OHDIST		56,187	0	0	34,659	0	0	0	0
18	594	Maintenance of Underground Lines	UGDIST		0	0	0	6,598	0	0	0	0
19	595	Maintenance of Line Transformers	PLT368		30,008	0	0	18,511	0	0	0	0
20	596	Maintenance of Street Lighting & Signal Systems	DDISTLTG		0	0	0	0	0	0	0	0
21	597	Maintenance of Meters	CMETERS		0	0	175	0	0	0	0	0
22	598	Maintenance of Miscellaneous Distribution Plant	DISTPIS		11,512	0	0	12,097	0	0	0	0
23	407	Regulatory Asset Amortization	DISTPIS		136,166	0	0	143,089	0	0	0	0
24		Total Distribution Plant			\$933,346	\$0	\$4,119	\$1,118,215	\$0	\$0	\$69	\$69
		Customer Account Expense										
25	902	Meter Reading Expenses	CREAD		\$0	\$0	\$15	\$0	\$0	\$0	\$0	\$0
26	903	Customer Records & Collection Expenses	CBLLCOL		0	0	62	0	0	0	303,073	303,073
27	904	Uncollectible Accounts	EUNCOL		152,528	0	0	10,066	0	0	0	0
28	905	Miscellaneous Customer Accounts Expenses	CCUSINFO		0	0	0	0	0	0	0	0
29	908	Customer Assistance Expenses	CCUSINFO		0	0	415	0	0	0	809	809
30	909	Informational and Instructional Advertising Expenses	CCUSINFO		0	0	52	0	0	0	102	102
31	910	Miscellaneous Customer Service & Informational Expenses	CCUSINFO		0	0	6	0	0	0	12	12
32		Total Customer Account Expense			\$152,528	\$0	\$550	\$10,066	\$0	\$0	\$303,996	\$303,996
		Total Operation and Maintenance Expense Excluding Fuel & Power Supply Expense & A&G			\$42,313,096	\$33,425,978	\$4,669	\$4,832,038	\$1,184,824	\$304,066	\$304,066	\$304,066
34	920-935	Administrative and General Expense	OMXGENL		\$5,642,566	\$0	\$623	\$644,365	\$0	\$0	\$40,548	\$40,548
35		Total Operation and Maintenance Expense			\$31,707,006	\$33,425,978	\$5,292	\$4,016,662	\$1,184,824	\$344,613	\$344,613	\$344,613

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	TOTAL TEP	TOTAL RESIDENTIAL	TOTAL SMALL GENERAL SERVICE	TOTAL LARGE GENERAL SERVICE	TOTAL LARGE LIGHT & POWER
Depreciation and Amortization								
1	301-303	Total Intangible Plant Depreciation Expense	PISXGENL	\$9,331,228	\$4,894,238	\$1,848,417	\$1,159,345	\$573,013
2	500-547	Production Depreciation Expense	DPROD	\$52,018,787	\$25,528,966	\$10,929,729	\$6,735,220	\$3,649,886
3		Transmission NonEHV	DTNEHV	\$0	\$0	\$0	\$0	\$0
4		Transmission EHV	DTEHV	\$0	\$0	\$0	\$0	\$0
5		Total Transmission Depreciation Expense		\$0	\$0	\$0	\$0	\$0
Distribution Plant Depreciation Expense								
6	360	Land & Rights	PLT360	\$117,363	\$69,703	\$22,378	\$14,941	\$5,364
7	361	Structures & Improvements	PLT361	199,062	118,228	37,955	25,341	9,097
8	362	Station Equipment	PLT362	2,206,020	1,255,096	402,055	258,877	110,021
9	364	Poles, Towers, & Fixtures	PLT364	2,835,021	1,612,961	516,692	332,690	141,392
10	365	Overhead Conductors & Devices	PLT365	2,577,442	1,466,413	489,748	302,463	128,545
11	366	Underground Conduit	PLT366	752,340	428,037	137,117	88,287	37,522
12	367	Underground Conductors & Devices	PLT367	4,998,546	2,843,879	911,002	586,580	249,294
13	368	Line Transformers	PLT368	5,213,316	2,966,071	950,145	611,783	260,005
14	369	Services	PLT369	1,834,997	1,663,310	168,459	3,122	97
15	370	Meters	PLT370	1,429,192	1,073,701	333,798	16,594	2,942
16	373	Street Lighting & Signal Systems	PLT373	199,264	0	0	0	0
17	374	Asset Retirement Cost & DIST Net Salvage	DISTPIS	3,247,207	1,847,470	591,814	381,060	161,949
18		Total All Distribution Depreciation Expense		\$25,609,770	\$15,344,868	\$4,541,162	\$2,621,737	\$1,106,227
19		General Plant Depreciation Expense	GENLPS	\$10,350,629	\$5,428,915	\$2,050,350	\$1,285,999	\$635,613
20								
21		Total Depreciation Expense		\$97,310,414	\$51,196,987	\$19,369,658	\$11,802,301	\$5,964,738
Taxes Other Than Income Taxes								
22	408	Property Tax - Production	DPROD	\$15,733,923	\$7,721,649	\$3,305,873	\$2,037,176	\$1,103,967
23	408	Property Tax - Transmission (NON-EHV)	DTNEHV	0	0	0	0	0
24	408	Property Tax - Transmission (EHV)	DTEHV	0	0	0	0	0
25	408	Property Tax - Distribution	DISTPIS	13,059,052	7,429,834	2,380,056	1,532,480	651,297
26	408	Property Tax - General	GENLPS	1,719,601	901,932	340,635	213,649	105,597
27	408	Business Activity Tax - Generation	DPROD	4,272	2,097	898	553	300
28	408	Business Activity Tax - Transmission	DTNEHV	0	0	0	0	0
29	408	Other (Including Payroll Taxes)	TOTPIS	4,624,641	2,425,629	916,092	574,582	283,991
30		Total Taxes Other Than Income Taxes		\$35,141,489	\$18,481,140	\$6,943,554	\$4,358,441	\$2,145,152

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	TOTAL MINING	TOTAL LIGHTING	DEMAND	RESIDENTIAL STANDARD SERVICE ENERGY	CUSTOMER
1	301-303	Depreciation and Amortization						
		Total Intangible Plant Depreciation Expense		\$644,287	\$211,928	\$4,307,063	\$0	\$429,337
2	500-547	Production Depreciation Expense		\$4,748,400	\$426,585	\$24,715,796	\$0	\$0
3		Transmission NonEHV		\$0	\$0	\$0	\$0	\$0
4		Transmission EHV		0	0	\$0	\$0	\$0
5		Total Transmission Depreciation Expense		\$0	\$0	\$0	\$0	\$0
6	360	Distribution Plant Depreciation Expense						
7	361	Land & Rights		\$4,978	\$0	\$56,512	\$0	\$12,506
8	362	Structures & Improvements		8,442	0	\$95,851	\$0	\$21,211
9	364	Station Equipment		87,701	92,271	\$978,848	\$0	\$235,205
10	365	Poles, Towers, & Fixtures		112,707	118,580	\$1,257,947	\$0	\$302,268
11	366	Overhead Conductors & Devices		102,467	107,806	\$1,143,655	\$0	\$274,806
12	367	Underground Conduit		29,909	31,468	\$333,826	\$0	\$80,214
13	368	Underground Conductors & Devices		198,719	209,073	\$2,217,939	\$0	\$532,942
14	369	Line Transformers		207,257	218,056	\$2,313,236	\$0	\$555,841
15	370	Services		9	0	\$0	\$0	\$1,585,278
16	373	Meters		2,157	0	\$0	\$0	\$1,001,492
17	374	Street Lighting & Signal Systems		0	199,264	\$0	\$0	\$0
		Asset Retirement Cost & DIST Net Salvage		129,094	135,820	\$1,440,841	\$0	\$346,215
18		Total All Distribution Depreciation Expense		\$883,440	\$1,112,337	\$9,838,655	\$0	\$4,947,978
19		General Plant Depreciation Expense						
20				\$714,673	\$235,080	\$4,777,593	\$0	\$476,240
21		Total Depreciation Expense		\$6,990,799	\$1,985,930	\$43,639,107	\$0	\$5,853,555
22	408	Taxes Other Than Income Taxes						
23	408	Property Tax - Production		\$1,436,230	\$129,028	\$7,475,692	\$0	\$0
24	408	Property Tax - Transmission (NON-EHV)		0	0	\$0	\$0	\$0
25	408	Property Tax - Transmission (EHV)		0	0	\$0	\$0	\$0
26	408	Property Tax - Distribution		519,166	546,217	\$5,794,522	\$0	\$1,392,349
27	408	Property Tax - General		118,732	39,055	\$793,725	\$0	\$79,120
28	408	Business Activity Tax - Generation		35	0	\$2,030	\$0	\$0
29	408	Business Activity Tax - Transmission		0	0	\$0	\$0	\$0
30	408	Other (Including Payroll Taxes)		319,314	105,033	\$2,134,619	\$0	\$212,783
		Total Taxes Other Than Income Taxes		\$2,393,833	\$819,368	\$16,200,588	\$0	\$1,684,252

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	RESIDENTIAL TIME-OF-USE SERVICE		SMALL GENERAL SERVICE		CUSTOMER
				DEMAND	ENERGY	DEMAND	ENERGY	
1	301-303	Depreciation and Amortization						
		Total Intangible Plant Depreciation Expense	PISXGENL	\$134,533	\$0	\$23,306	\$1,635,373	\$65,724
2	500-547	Production Depreciation Expense	DPROD	\$813,170	\$0	\$0	\$10,001,290	\$0
3		Transmission NonEHV	DTNEHV	\$0	\$0	\$0	\$0	\$0
4		Transmission EHV	DTEHV	0	0	0	0	0
5		Total Transmission Depreciation Expense		\$0	\$0	\$0	\$0	\$0
6		Distribution Plant Depreciation Expense						
7	360	Land & Rights	PLT360	\$0	\$0	\$686	\$19,468	\$1,927
8	361	Structures & Improvements	PLT361	0	0	1,163	33,020	3,269
9	362	Station Equipment	PLT362	28,275	0	12,768	337,208	36,006
10	364	Poles, Towers, & Fixtures	PLT364	36,337	0	16,408	433,356	46,272
11	365	Overhead Conductors & Devices	PLT365	33,036	0	14,917	393,983	42,068
12	366	Underground Conduit	PLT366	9,643	0	4,354	115,001	12,279
13	367	Underground Conductors & Devices	PLT367	64,068	0	28,930	764,068	81,584
14	368	Line Transformers	PLT368	66,820	0	30,173	796,897	85,089
15	369	Services	PLT369	0	0	78,032	0	158,204
16	370	Meters	PLT370	0	0	72,208	0	320,949
17	373	Street Lighting & Signal Systems	PLT373	0	0	0	0	0
18	374	Asset Retirement Cost & DIST Net Salvage	DISTPIS	41,620	0	18,794	496,362	52,999
		Total All Distribution Depreciation Expense		\$279,800	\$0	\$278,436	\$3,389,362	\$840,646
19		General Plant Depreciation Expense	GENLPI	\$149,230	\$0	\$25,852	\$1,814,032	\$72,904
20		Total Depreciation Expense		\$1,376,732	\$0	\$327,594	\$16,840,057	\$979,274
22	408	Taxes Other Than Income Taxes						
23	408	Property Tax - Production	DPROD	\$245,956	\$0	\$0	\$3,025,052	\$0
24	408	Property Tax - Transmission (NON-EHV)	DTNEHV	\$0	\$0	\$0	\$0	\$0
25	408	Property Tax - Transmission (EHV)	DTEHV	\$0	\$0	\$0	\$0	\$0
26	408	Property Tax - Distribution	DISTPIS	\$167,381	\$0	\$75,582	\$1,996,180	\$213,144
27	408	Property Tax - General	GENLPI	\$24,792	\$0	\$4,295	\$301,374	\$12,112
28	408	Business Activity Tax - Generation	DPROD	\$67	\$0	\$0	\$821	\$0
29	408	Business Activity Tax - Transmission	DTNEHV	\$66,676	\$0	\$11,551	\$810,506	\$0
30	408	Other (Including Payroll Taxes)	TOTPIS	\$504,872	\$0	\$91,427	\$6,133,933	\$257,829
		Total Taxes Other Than Income Taxes		\$504,872	\$0	\$91,427	\$6,133,933	\$257,829

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		SMALL GENERAL SERVICE TIME OF USE		GENERAL SERVICE INTERRUPTIBLE	
			DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
1	301-303	Depreciation and Amortization						
		Total Intangible Plant Depreciation Expense	\$78,146	\$0	\$2,577	\$0	\$65,758	\$839
2	500-547	Production Depreciation Expense	\$492,876	\$0	\$0	\$0	\$435,563	\$0
3		Transmission NonEHV	\$0	\$0	\$0	\$0	\$0	\$0
4		Transmission EHV	0	0	0	0	0	0
5		Total Transmission Depreciation Expense	\$0	\$0	\$0	\$0	\$0	\$0
6		Distribution Plant Depreciation Expense						
7	360	Land & Rights	\$882	\$0	\$76	\$0	\$0	\$25
8	361	Structures & Improvements	1,496	0	129	0	0	42
9	362	Station Equipment	15,277	0	1,412	0	0	460
10	364	Poles, Towers, & Fixtures	19,633	0	1,814	0	11,693	591
11	365	Overhead Conductors & Devices	17,849	0	1,649	0	15,027	537
12	366	Underground Conduit	5,210	0	481	0	3,988	157
13	367	Underground Conductors & Devices	34,616	0	3,198	0	26,494	1,042
14	368	Line Transformers	36,103	0	3,336	0	27,632	1,087
15	369	Services	0	0	0	0	0	2,129
16	370	Meters	0	0	8,126	0	0	3,883
17	373	Street Lighting & Signal Systems	0	0	8,966	0	0	0
18	374	Asset Retirement Cost & DIST Net Salvage	22,488	0	2,078	0	17,211	677
		Total All Distribution Depreciation Expense	\$153,554	\$0	\$31,265	\$0	\$115,706	\$10,629
19		General Plant Depreciation Expense	\$86,683	\$0	\$2,858	\$0	\$72,942	\$931
20		Total Depreciation Expense	\$811,258	\$0	\$36,700	\$0	\$689,970	\$12,399
21		Taxes Other Than Income Taxes						
22	408	Property Tax - Production	\$149,078	\$0	\$0	\$0	\$131,743	\$0
23	408	Property Tax - Transmission (NON-EHV)	\$0	0	0	0	0	0
24	408	Property Tax - Transmission (EHV)	\$0	0	0	0	0	0
25	408	Property Tax - Distribution	\$90,436	0	8,356	0	69,217	2,722
26	408	Property Tax - General	\$14,401	0	475	0	12,118	155
27	408	Business Activity Tax - Generation	\$40	0	0	0	36	0
28	408	Business Activity Tax - Transmission	\$38,730	0	1,277	0	32,590	0
29	408	Other (Including Payroll Taxes)	\$292,686	\$0	\$10,108	\$0	\$245,705	\$416
30		Total Taxes Other Than Income Taxes	\$292,686	\$0	\$10,108	\$0	\$245,705	\$416

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		LARGE GENERAL SERVICE ENERGY		LARGE GENERAL SERVICE TIME OF USE	
			DEMAND	CUSTOMER	DEMAND	ENERGY	DEMAND	CUSTOMER
Depreciation and Amortization								
1	301-303	Total Intangible Plant Depreciation Expense	\$1,013,533	\$0	\$1,956	\$0	\$143,455	\$401
2	500-547	Production Depreciation Expense	\$5,817,904	\$0	\$0	\$0	\$917,316	\$0
3		Transmission NonEHV	\$0	\$0	\$0	\$0	\$0	\$0
4		Transmission EHV	0	0	0	0	0	0
5		Total Transmission Depreciation Expense	\$0	\$0	\$0	\$0	\$0	\$0
Distribution Plant Depreciation Expense								
6	360	Land & Rights						
7	361	Structures & Improvements	\$13,292	\$0	\$58	\$0	\$1,579	\$12
8	362	Station Equipment	22,546	0	98	0	2,678	20
9	364	Poles, Towers, & Fixtures	230,240	0	1,072	0	27,345	220
10	365	Overhead Conductors & Devices	295,888	0	1,377	0	35,142	282
11	366	Underground Conduit	269,005	0	1,252	0	31,949	257
12	367	Underground Conductors & Devices	78,521	0	365	0	9,326	75
13	368	Line Transformers	521,693	0	2,428	0	61,960	498
14	369	Services	544,109	0	2,532	0	64,623	519
15	370	Meters	0	0	2,357	0	0	765
16	373	Street Lighting & Signal Systems	0	0	14,218	0	0	2,376
17	374	Asset Retirement Cost & DIST Net Salvage	0	0	0	0	0	0
18		Total All Distribution Depreciation Expense	338,908	0	1,577	0	40,251	324
19		General Plant Depreciation Expense	\$2,314,202	\$0	\$27,335	\$0	\$274,853	\$5,348
20			\$1,124,257	\$0	\$2,170	\$0	\$159,127	\$445
21		Total Depreciation Expense	\$10,269,896	\$0	\$31,461	\$0	\$1,494,750	\$6,194
Taxes Other Than Income Taxes								
22	408	Property Tax - Production	\$1,759,719	\$0	\$0	\$0	\$277,457	\$0
23	408	Property Tax - Transmission (NON-EHV)	0	0	0	0	0	0
24	408	Property Tax - Transmission (EHV)	0	0	0	0	0	0
25	408	Property Tax - Distribution	1,362,960	0	6,343	0	161,876	1,301
26	408	Property Tax - General	186,778	0	360	0	26,436	74
27	408	Business Activity Tax - Generation	478	0	0	0	75	0
28	408	Business Activity Tax - Transmission	0	0	0	0	0	0
29	408	Other (Including Payroll Taxes)	502,316	0	969	0	71,098	199
30		Total Taxes Other Than Income Taxes	\$3,812,251	\$0	\$7,673	\$0	\$536,942	\$1,574

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		LARGE LIGHT & POWER ENERGY		LARGE LIGHT & POWER TIME OF USE ENERGY	
			DEMAND	CUSTOMER	DEMAND	ENERGY	DEMAND	CUSTOMER
1	301-303	Depreciation and Amortization						
		Total Intangible Plant Depreciation Expense	\$146,643	\$0	\$426,046	\$0	\$239	\$0
2	500-547	Production Depreciation Expense	\$1,131,841	\$0	\$2,518,044	\$0	\$0	\$0
3		Transmission NonEHV	\$0	\$0	\$0	\$0	\$0	\$0
4		Transmission EHV	0	0	0	0	0	0
5		Total Transmission Depreciation Expense	\$0	\$0	\$0	\$0	\$0	\$0
6		Distribution Plant Depreciation Expense						
		Land & Rights	\$0	\$0	\$5,354	\$0	\$7	\$0
7	360	Structures & Improvements	0	0	9,081	0	12	0
8	361	Station Equipment	17,108	0	92,736	0	131	0
9	362	Poles, Towers, & Fittings	21,985	0	119,178	0	169	0
10	364	Overhead Conductors & Devices	19,988	0	108,350	0	153	0
11	365	Underground Conduit	5,834	0	31,627	0	45	0
12	366	Underground Conductors & Devices	38,764	105	210,128	0	297	0
13	367	Line Transformers	40,429	110	219,156	0	310	0
14	368	Services	0	0	0	0	79	0
15	369	Meters	0	0	0	0	2,157	0
16	370	Street Lighting & Signal Systems	0	0	0	0	0	0
17	373	Asset Retirement Cost & DIST Net Salvage	0	0	0	0	0	0
18	374	Total All Distribution Depreciation Expense	25,182	68	136,505	0	193	\$3,553
19		General Plant Depreciation Expense	\$169,290	\$0	\$932,115	\$0	\$266	\$0
20			\$162,663	\$94	\$472,590	\$0	\$0	\$0
21		Total Depreciation Expense	\$1,610,437	\$1,448	\$4,348,796	\$0	\$4,058	\$0
22		Taxes Other Than Income Taxes						
23	408	Property Tax - Production	\$342,344	\$0	\$761,623	\$0	\$0	\$0
24	408	Property Tax - Transmission (NON-EHV)	0	0	0	0	0	0
25	408	Property Tax - Transmission (EHV)	0	0	0	0	0	0
26	408	Property Tax - Distribution	101,272	275	548,974	0	776	0
27	408	Property Tax - General	27,024	16	78,514	0	44	0
28	408	Business Activity Tax - Generation	93	0	207	0	0	0
29	408	Business Activity Tax - Transmission	0	0	0	0	0	0
30	408	Other (Including Payroll Taxes)	72,678	42	211,152	0	119	\$939
		Total Taxes Other Than Income Taxes	\$543,411	\$333	\$1,600,470	\$0	\$0	\$939

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	DEMAND	MINING ENERGY	CUSTOMER	DEMAND	LIGHTING ENERGY	CUSTOMER
1	301-303	Depreciation and Amortization							
		Total Intangible Plant Depreciation Expense	PISXGENL	\$644,062	\$0	\$225	\$211,489	\$0	\$439
2	500-547	Production Depreciation Expense	DPROD	\$4,748,400	\$0	\$0	\$426,585	\$0	\$0
3		Transmission NonEHV	DTNEHV	\$0	\$0	\$0	\$0	\$0	\$0
4		Transmission EHV	DTEHV	0	0	0	0	0	0
5		Total Transmission Depreciation Expense		\$0	\$0	\$0	\$0	\$0	\$0
6	360	Distribution Plant Depreciation Expense							
7	361	Land & Rights	PLT360	\$4,971	\$0	\$7	\$0	\$0	\$0
8	362	Structures & Improvements	PLT361	8,431	0	11	0	0	0
9	364	Station Equipment	PLT362	87,578	0	123	92,030	0	241
10	365	Poles, Towers, & Fixtures	PLT364	112,549	0	158	118,270	0	309
11	366	Overhead Conductors & Devices	PLT365	102,323	0	144	107,525	0	281
12	367	Underground Conduit	PLT366	29,867	0	42	31,386	0	82
13	368	Underground Conductors & Devices	PLT367	198,439	0	279	208,528	0	545
14	369	Line Transformers	PLT368	206,965	0	291	217,487	0	569
15	370	Services	PLT369	0	0	9	0	0	0
16	373	Meters	PLT370	0	0	2,157	0	0	0
17	374	Street Lighting & Signal Systems	PLT373	0	0	0	199,264	0	0
18		Asset Retirement Cost & DIST Net Salvage	DISTPIS	128,912	0	182	135,466	0	354
19		Total All Distribution Depreciation Expense		\$880,035	\$0	\$3,405	\$1,109,956	\$0	\$2,381
20		General Plant Depreciation Expense	GENLPLS	\$714,423	\$0	\$250	\$234,593	\$0	\$487
21		Total Depreciation Expense		\$6,986,920	\$0	\$3,879	\$1,982,623	\$0	\$3,307
22	408	Taxes Other Than Income Taxes							
23	408	Property Tax - Production	DPROD	\$1,436,230	\$0	\$0	\$129,028	\$0	\$0
24	408	Property Tax - Transmission (NON-EHV)	DTNEHV	0	0	0	0	0	0
25	408	Property Tax - Transmission (EHV)	DTEHV	0	0	0	0	0	0
26	408	Property Tax - Distribution	DISTPIS	518,436	0	730	544,793	0	1,424
27	408	Property Tax - General	GENLPLS	118,691	0	41	38,974	0	81
28	408	Business Activity Tax - Generation	DPROD	390	0	0	35	0	0
29	408	Business Activity Tax - Transmission	DTNEHV	0	0	0	0	0	0
30	408	Other (Including Payroll Taxes)	TOTPIS	319,203	0	112	104,816	0	218
		Total Taxes Other Than Income Taxes		\$2,392,950	\$0	\$863	\$817,646	\$0	\$1,723

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	TOTAL TEP	TOTAL RESIDENTIAL	TOTAL SMALL GENERAL SERVICE	TOTAL LARGE GENERAL SERVICE	TOTAL LARGE LIGHT & POWER
1	431	Interest on Customer Deposits						
2		Customer Deposit Interest Expense	DISTPIS	\$45,852	\$19,122	\$23,964	\$929	\$0
3	409	Income Taxes						
4		Current Income Tax - State & Federal	TOTPIS	\$7,018,368	\$3,681,141	\$1,390,264	\$871,987	\$430,985
5		Total Operating Expense - Excluding Income Taxes		\$806,630,348	\$387,467,591	\$173,080,507	\$103,032,248	\$60,173,858
6		Total Operating Expense - Including Taxes		\$813,648,717	\$391,148,732	\$174,470,771	\$103,904,235	\$60,604,842

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
EXPENSE ALLOCATION TO CLASSES OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	TOTAL MINING	TOTAL LIGHTING	DEMAND	RESIDENTIAL STANDARD SERVICE ENERGY	CUSTOMER
1	431	Interest on Customer Deposits	DISTPIS	\$1,829	\$9	\$18,653	\$0	\$0
2		Customer Deposit Interest Expense						
3	409	Income Taxes	TOTPIS	\$484,592	\$159,399	\$3,239,504	\$0	\$322,920
4		Current Income Tax - State & Federal						
5		Total Operating Expense - Excluding Income Taxes		\$74,524,737	\$8,351,408	\$231,077,369	\$116,715,058	\$26,417,689
6		Total Operating Expense - Including Taxes		\$75,009,329	\$8,510,806	\$234,316,873	\$116,715,058	\$26,740,609

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	SMALL GENERAL SERVICE TIME OF USE		GENERAL SERVICE INTERRUPTIBLE	
				DEMAND	ENERGY	DEMAND	ENERGY
1	431	Interest on Customer Deposits		\$611	\$0	\$0	\$0
		Customer Deposit Interest Expense	DISTPIS				
2	409	Income Taxes		\$58,776	\$0	\$49,459	\$631
3		Current Income Tax - State & Federal	TOTPIS				
4							
5		Total Operating Expense - Excluding Income Taxes		\$4,481,742	\$4,140,143	\$3,890,688	\$3,397,888
6		Total Operating Expense - Including Taxes		\$4,540,519	\$4,140,143	\$3,940,147	\$47,797

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation	LARGE GENERAL SERVICE		LARGE GENERAL SERVICE TIME OF USE							
				DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY				
1	431	Interest on Customer Deposits											
		Customer Deposit Interest Expense	DISTPIS	\$824	\$0	\$0	\$0	\$105	\$0	\$0	\$0	\$0	\$0
2		Income Taxes											
3	409	Current Income Tax - State & Federal	TOTPIS	\$762,316	\$0	\$1,471	\$0	\$107,898	\$0	\$0	\$0	\$0	\$302
4													
5		Total Operating Expense - Excluding Income Taxes		\$54,392,229	\$33,027,040	\$97,890	\$7,207,740	\$8,285,913	\$7,207,740	\$21,437			
6		Total Operating Expense - Including Taxes		\$55,154,545	\$33,027,040	\$99,361	\$7,207,740	\$8,393,810	\$7,207,740	\$21,739			

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		LARGE LIGHT & POWER ENERGY		LARGE LIGHT & POWER TIME OF USE CUSTOMER		LARGE LIGHT & POWER ENERGY		LARGE LIGHT & POWER TIME OF USE CUSTOMER	
			DISTPIS	TOTPIS	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
1	431	Interest on Customer Deposits			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Customer Deposit Interest Expense										
2	409	Income Taxes										
3		Current Income Tax - State & Federal			\$110,296	\$0	\$64	\$320,445	\$0	\$0	\$180	\$180
4												
5		Total Operating Expense - Excluding Income Taxes			\$9,686,306	\$10,341,687	\$3,854	\$23,298,444	\$16,832,547	\$11,019	\$11,019	\$11,019
6		Total Operating Expense - Including Taxes			\$9,796,602	\$10,341,687	\$3,918	\$23,618,889	\$16,832,547	\$11,199	\$11,199	\$11,199

LINE NO.	FERC ACCOUNT	FERC ACCOUNT DESCRIPTION	Allocation		MINING ENERGY	CUSTOMER	DEMAND	LIGHTING ENERGY	CUSTOMER
			DISTPIS	TOTPIS					
1	431	Interest on Customer Deposits			\$0	\$0	\$9	\$0	\$0
2		Customer Deposit Interest Expense	DISTPIS		\$1,829	\$0	\$9	\$0	\$0
3	409	Income Taxes			\$0	\$169	\$159,069	\$0	\$330
4		Current Income Tax - State & Federal	TOTPIS		\$484,423	\$0	\$159,069	\$0	\$330
5		Total Operating Expense - Excluding Income Taxes			\$41,088,705	\$10,054	\$6,816,940	\$1,184,824	\$349,643
6		Total Operating Expense - Including Taxes			\$41,573,128	\$10,224	\$6,976,009	\$1,184,824	\$349,974

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
DISTRIBUTION OF RATE BASE BY FUNCTION
FOR THE PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCT.	FERC ACCOUNT DESCRIPTION	TOTAL COMPANY	DEMAND	ENERGY	CUSTOMER	DIRECT ASSIGNMENT	PRODUCTION	MUST RUN	DEMAND			DISTRIBUTION
										TRANSMISSION EHV	TRANSMISSION NON-EHV	ANCILLARY SERVICES	
1	301-303	Total Intangible Plant	\$95,706,208	\$90,320,205	\$0	\$5,386,003	\$0	\$48,543,859	\$3,603,343	\$0	\$0	\$2,257,800	\$35,915,203
Total Steam Production													
2	310	Land & Land Rights	\$5,832,902	\$5,832,902	\$0	\$0	\$0	\$5,061,551	\$474,215	\$0	\$0	\$297,136	\$0
1	311	Structures & Improvements	150,424,871	150,424,871	0	0	0	130,532,484	12,229,542	0	0	7,662,845	0
1	312	Boiler Plant Equipment	921,064,717	921,064,717	0	0	0	799,261,883	74,882,562	0	0	46,920,272	0
3	313	Engines & Engine-Driven Generators	0	0	0	0	0	0	0	0	0	0	0
2	314	Turbogenerator Units	281,697,618	281,697,618	0	0	0	281,697,618	0	0	0	0	0
2	315	Accessory Electric Equipment	104,531,994	104,531,994	0	0	0	90,708,543	8,498,451	0	0	5,325,000	0
4	316	Miscellaneous Power Plant Equipment	20,940,315	20,940,315	0	0	0	20,940,315	0	0	0	0	0
3	114	San Juan & Irvington Acquisition Adjustment	(16,397,872)	(16,397,872)	0	0	0	(14,229,395)	(1,333,147)	0	0	(835,330)	0
3	102	Electric Plant Purchased or Sold	953,269	953,269	0	0	0	953,269	0	0	0	0	0
5	302	Total Steam Production	\$1,469,047,814	\$1,469,047,814	\$0	\$0	\$0	\$1,314,926,268	\$94,751,623	\$0	\$0	\$59,369,923	\$0
Other Production Plant													
6	340	Land & Land Rights	\$1,707,948	\$1,707,948	\$0	\$0	\$0	\$1,482,087	\$138,856	\$0	\$0	\$87,005	\$0
7	341	Structures & Improvements	12,835,227	12,835,227	0	0	0	11,137,880	1,043,504	0	0	653,844	0
8	342	Fuel Holders, Producers, & Accessories	11,711,663	11,711,663	0	0	0	10,162,897	952,158	0	0	596,608	0
9	343	Prime Movers	7,887,445	7,887,445	0	0	0	6,670,947	624,989	0	0	391,609	0
10	344	Generators	123,406,471	123,406,471	0	0	0	107,087,034	10,032,946	0	0	6,286,491	0
11	345	Accessory Electric Equipment	4,089,409	4,089,409	0	0	0	3,548,620	332,469	0	0	208,320	0
12	346	Miscellaneous Power Plant Equipment	7,534,666	7,534,666	0	0	0	6,538,272	612,568	0	0	383,826	0
13	346	Total Other Production Plant	\$168,972,828	\$168,972,828	\$0	\$0	\$0	\$146,627,635	\$13,737,491	\$0	\$0	\$81,607,703	\$0
14	346	Total Production Plant	\$1,638,020,642	\$1,638,020,642	\$0	\$0	\$0	\$1,461,553,903	\$108,489,114	\$0	\$0	\$67,977,626	\$0
15	350-359	Transmission Non-EHV (138 KV & below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	350-359	Transmission EHV (345 KV & above)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17	350-359	Total Transmission Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Distribution Plant													
18	360	Land & Rights	\$11,326,503	\$9,836,044	\$0	\$1,490,458	\$0	\$0	\$0	\$0	\$0	\$0	\$8,836,044
19	361	Structures & Improvements	11,162,973	9,694,034	0	1,468,939	0	0	0	0	0	0	9,694,034
20	362	Station Equipment	140,324,411	140,324,411	0	0	0	0	0	0	0	0	140,324,411
21	364	Poles, Towers, & Fixtures	162,058,014	162,058,014	0	0	0	0	0	0	0	0	162,058,014
22	365	Overhead Conductors & Devices	154,007,526	154,007,526	0	0	0	0	0	0	0	0	154,007,526
23	366	Underground Conduit	53,411,233	53,411,233	0	0	0	0	0	0	0	0	53,411,233
24	367	Underground Conductors & Devices	270,466,100	270,466,100	0	0	0	0	0	0	0	0	270,466,100
25	368	Line Transformers	270,360,434	270,360,434	0	0	0	0	0	0	0	0	270,360,434
26	369	Services	113,515,529	0	0	113,515,529	0	0	0	0	0	0	0
27	370	Meters	45,686,348	0	0	45,686,348	0	0	0	0	0	0	0
28	373	Street Lighting & Signal Systems	11,173,715	11,173,715	0	0	0	0	0	0	0	0	11,173,715
29	374	Asset Retirement Obligation	0	0	0	0	0	0	0	0	0	0	0
30	374	Total Distribution Plant	\$1,243,482,787	\$1,081,331,512	\$0	\$162,161,275	\$0	\$0	\$0	\$0	\$0	\$0	\$1,081,331,512
31	374	Total Plant in Service Excluding Intangible & Gen	\$2,881,513,430	\$2,719,352,154	\$0	\$162,161,275	\$0	\$1,461,553,903	\$108,489,114	\$0	\$0	\$67,977,626	\$1,081,331,512
32	385-398	General Plant	\$222,233,554	208,727,044	0	12,506,510	0	112,720,737	8,367,104	0	0	5,242,700	83,396,504
33	385-398	TOTAL PLANT IN SERVICE	\$3,199,453,192	\$3,019,399,404	\$0	\$180,053,788	\$0	\$1,622,818,499	\$120,459,560	\$0	\$0	\$75,478,126	\$1,200,643,219

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
DISTRIBUTION OF RATE BASE BY FUNCTION
FOR THE PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCT.	FERC ACCOUNT DESCRIPTION	TOTAL COMPANY		ENERGY		CUSTOMER			
			COMPANY	FUEL	CUSTOMER	UNCOLLECTIBLES	Customer Delivery	METER	BILLING & COLLECTIONS	METER READING
1	301-303	Total Intangible Plant	\$95,706,208	\$0	\$0	\$0	\$0	\$3,840,376	\$1,545,628	\$0
Total Steam Production										
2	310	Land & Land Rights	\$5,832,902	\$0	\$0	\$0	\$0	\$0	\$0	\$0
1	311	Structures & Improvements	150,424,871	0	0	0	0	0	0	0
1	312	Boiler Plant Equipment	221,064,717	0	0	0	0	0	0	0
3	313	Engines & Engine-Driven Generators	0	0	0	0	0	0	0	0
2	314	Turbogenerator Units	281,697,618	0	0	0	0	0	0	0
2	315	Accessory Electric Equipment	104,531,994	0	0	0	0	0	0	0
4	316	Miscellaneous Power Plant Equipment	20,940,315	0	0	0	0	0	0	0
3	114	San Juan & Irvington Acquisition Adjustment	(16,397,872)	0	0	0	0	0	0	0
3	102	Electric Plant Purchased or Sold	953,269	0	0	0	0	0	0	0
5		Total Steam Production	\$1,469,047,614	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other Production Plant										
6	340	Land & Land Rights	\$1,707,948	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	341	Structures & Improvements	12,835,227	0	0	0	0	0	0	0
8	342	Fuel Holders, Producers, & Accessories	11,711,663	0	0	0	0	0	0	0
9	343	Prime Movers	7,687,445	0	0	0	0	0	0	0
10	344	Generators	123,406,471	0	0	0	0	0	0	0
11	345	Accessory Electric Equipment	4,089,409	0	0	0	0	0	0	0
12	346	Miscellaneous Power Plant Equipment	7,534,666	0	0	0	0	0	0	0
13		Total Other Production Plant	\$168,972,828	\$0	\$0	\$0	\$0	\$0	\$0	\$0
14		Total Production Plant	\$1,638,020,642	\$0	\$0	\$0	\$0	\$0	\$0	\$0
15	350-359	Transmission Non-EHV (138 KV & below)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
16	350-359	Transmission EHV (345 KV & above)	0	0	0	0	0	0	0	0
17		Total Transmission Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Distribution Plant										
18	360	Land & Rights	\$11,326,503	\$0	\$0	\$0	\$0	\$1,062,740	\$427,719	\$0
19	361	Structures & Improvements	11,162,973	0	0	0	0	1,047,396	421,543	0
20	362	Station Equipment	140,324,411	0	0	0	0	0	0	0
21	364	Poles, Towers, & Fixtures	162,058,014	0	0	0	0	0	0	0
22	365	Overhead Conductors & Devices	154,007,526	0	0	0	0	0	0	0
23	366	Underground Conduit	53,411,233	0	0	0	0	0	0	0
24	367	Underground Conductors & Devices	270,468,100	0	0	0	0	0	0	0
25	368	Line Transformers	270,360,434	0	0	0	0	0	0	0
26	369	Services	113,515,529	0	0	0	0	113,515,529	0	0
27	370	Meters	45,686,348	0	0	0	0	0	45,686,348	0
28	373	Street Lighting & Signal Systems	11,173,715	0	0	0	0	0	0	0
29	374	Asset Retirement Obligation	0	0	0	0	0	0	0	0
30		Total Distribution Plant	\$1,243,452,787	\$0	\$0	\$0	\$0	\$115,625,665	\$46,535,610	\$0
31		Total Plant in Service Excluding Intangible & Gent	\$2,881,513,430	\$0	\$0	\$0	\$0	\$115,625,665	\$46,535,610	\$0
32	388-398	General Plant	\$222,233,554	0	0	0	0	8,917,502	3,589,008	0
33		TOTAL PLANT IN SERVICE	\$3,199,453,192	\$0	\$0	\$0	\$0	\$128,383,543	\$51,670,246	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
DISTRIBUTION OF RATE BASE BY FUNCTION
FOR THE PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCT.	FERC ACCOUNT DESCRIPTION	TOTAL COMPANY	DEMAND	ENERGY	CUSTOMER	DIRECT ASSIGNMENT	PRODUCTION	MUST RUN	TRANSMISSION EHV	TRANSMISSION NON-EHV	ANCILLARY SERVICES	DISTRIBUTION
Less: Accumulated Depreciation													
1		Total Intangible Plant AD	\$61,094,660	\$57,656,490	\$0	\$3,438,190	\$0	\$30,988,288	\$2,300,218	\$0	\$0	\$1,441,281	\$22,926,703
2		Production Plant	\$724,231,942	\$724,231,942	\$0	\$0	\$0	\$646,209,208	\$47,967,211	\$0	\$0	\$30,055,524	\$0
3		Other Production Plant	40,693,699	40,693,699	0	0	0	36,300,775	2,694,556	0	0	1,688,368	0
4		Total Production Plant AD	\$764,915,641	\$764,915,641	\$0	\$0	\$0	\$682,509,983	\$50,661,767	\$0	\$0	\$31,743,891	\$0
5		Transmission Non-EHV (138 KV & below) AD	0	0	0	0	0	0	0	0	0	0	0
6		Transmission EHV (345 KV & above) AD	0	0	0	0	0	0	0	0	0	0	0
7		Total Transmission Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8	360	Distribution Plant AD	\$3,543,270	3,077,010	0	466,260	\$0	\$0	\$0	\$0	\$0	\$0	\$3,077,010
9	361	Land & Rights	2,695,883	2,341,131	0	354,752	\$0	\$0	\$0	\$0	\$0	\$0	\$2,341,131
10	362	Structures & Improvements	50,106,105	50,106,105	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,106,105
11	364	Station Equipment	60,198,606	60,198,606	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,198,606
12	365	Poles, Towers & Fixtures	62,606,374	62,606,374	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$62,606,374
13	366	Overhead Conductors & Devices	26,088,530	26,088,530	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,088,530
14	367	Underground Conduit	118,179,136	118,179,136	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$118,179,136
15	368	Underground Conductors & Devices	133,504,917	133,504,917	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$133,504,917
16	369	Line Transformers	44,508,190	44,508,190	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$44,508,190
17	370	Meters	17,200,665	17,200,665	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$17,200,665
18	373	Street Lighting & Signal Systems	5,385,561	5,385,561	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,385,561
19	374	Asset Retirement Obligation	0	0	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
20		Total Distribution AD	\$524,017,237	\$461,487,370	\$0	\$62,529,867	\$0	\$0	\$0	\$0	\$0	\$0	\$461,487,370
21		General Plant Accumulated Depreciation	\$61,611,122	\$58,143,668	\$0	\$3,467,254	\$0	\$31,250,236	\$2,319,662	\$0	\$0	\$1,453,465	\$23,120,506
22		TOTAL ACCUMULATED DEPRECIATION	\$1,411,638,679	\$1,342,203,368	\$0	\$69,435,311	\$0	\$744,748,507	\$55,281,646	\$0	\$0	\$34,638,637	\$507,534,578
23	n/a	Working Capital	\$19,358,866	(8,269,437)	0	(1,089,449)	\$0	(69,819,165)	(\$728,863)	\$0	\$0	(\$456,694)	(\$7,264,715)
24	151, 152	Cash Working Capital	25,307,037	25,307,037	0	0	\$0	\$25,307,037	\$0	\$0	\$0	\$0	\$0
25	154, 163	Fuel Inventory	42,837,160	40,428,438	0	2,410,722	\$0	\$21,727,755	\$1,612,821	\$0	\$0	\$1,010,569	\$16,075,293
26	165	Materials & Supplies	4,537,991	4,292,609	0	255,382	\$0	\$2,301,748	\$170,856	\$0	\$0	\$107,055	\$1,702,950
27		Prepayments	\$53,323,302	\$51,746,647	\$0	\$1,576,655	\$0	\$39,517,376	\$1,054,814	\$0	\$0	\$660,930	\$10,513,527
28	252	Total Working Capital	\$88,923,750	(\$8,923,750)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$8,923,750)
29	235	Less: Customer Contributions	(23,743,247)	(23,743,247)	0	0	0	0	0	0	0	0	(23,743,247)
30	2308,253	Customer Advances for Construction	(15,652,908)	(13,767,659)	0	(2,064,659)	\$0	0	0	0	0	0	(13,767,659)
31		Deferred Credits - Asset Retirement	(\$48,499,305)	(\$46,434,647)	\$0	(\$2,064,658)	\$0	\$0	\$0	\$0	\$0	\$0	(\$46,434,647)
32	105.0	Total Customer Contributions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
33	182.3	Other Rate Base	11,088,732	11,088,732	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
34	254	Plant Held for Future Use - Transmission Plant (Non-ADIT)	0	0	0	0	0	0	0	0	0	0	0
35		Regulatory Assets	11,088,732	11,088,732	0	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
36	190	Regulatory Liabilities	0	0	0	0	0	0	0	0	0	0	0
37	282	Total Other Rate Base	\$11,088,732	\$11,088,732	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,088,732
38	283	Less: Accumulated Deferred Taxes (ADIT)	\$99,426,966	\$93,631,572	\$0	\$5,995,394	\$0	\$50,431,093	\$3,743,430	\$0	\$0	\$2,345,576	\$37,311,474
39	283	ADIT - Other Property	(384,080,846)	(362,466,151)	0	(21,614,695)	0	(194,812,510)	(14,460,662)	0	0	(9,060,830)	(144,132,149)
40		ADIT - Other	0	0	0	0	0	0	0	0	0	0	0
		Total Accumulated Deferred Taxes	(\$284,653,881)	(\$266,634,579)	\$0	(\$18,019,303)	\$0	(\$144,381,417)	(\$10,717,232)	\$0	\$0	(\$6,715,254)	(\$106,820,676)
		TOTAL RATE BASE	\$1,519,073,362	\$1,424,962,190	\$0	\$94,111,172	\$0	\$773,205,952	\$55,515,496	\$0	\$0	\$34,785,164	\$561,455,577

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
DISTRIBUTION OF RATE BASE BY FUNCTION
FOR THE PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCT.	FERC ACCOUNT DESCRIPTION	TOTAL COMPANY	ENERGY		CUSTOMER	
				FUEL	CUSTOMER UNCOLLECTIBLES	METER DELIVERY	BILLING & COLLECTIONS
1		Total Intangible Plant AD	\$61,054,680	\$0	\$0	\$2,451,529	\$986,661
2		Production Plant	\$724,231,942	\$0	\$0	\$0	\$0
3		Other Production Plant	40,683,699	0	0	0	0
4		Total Production Plant AD	\$764,915,641	\$0	\$0	\$0	\$0
5		Transmission Non-EHV (138 KV & below) AD	0	0	0	0	0
6		Transmission EHV (345 KV & above) AD	0	0	0	0	0
7		Total Transmission Plant	\$0	\$0	\$0	\$0	\$0
8	360	Distribution Plant AD	\$3,543,270	\$0	\$0	\$332,457	\$133,803
9	361	Land & Rights	2,695,883	\$0	\$0	\$252,948	\$101,804
10	362	Structures & Improvements	50,106,105	\$0	\$0	\$0	\$0
11	364	Station Equipment	60,198,606	\$0	\$0	\$0	\$0
12	365	Poles, Towers, & Fittings	62,606,374	\$0	\$0	\$0	\$0
13	366	Overhead Conductors & Devices	26,088,530	\$0	\$0	\$0	\$0
14	367	Underground Conduit	118,179,136	\$0	\$0	\$0	\$0
15	368	Underground Conductors & Devices	133,504,917	\$0	\$0	\$0	\$0
16	369	Line Transformers	44,508,190	\$0	\$0	\$44,508,190	\$0
17	370	Meters	17,200,665	\$0	\$0	\$0	\$17,200,665
18	373	Street Lighting & Signal Systems	5,385,561	\$0	\$0	\$0	\$0
19	374	Asset Retirement Obligation	0	\$0	\$0	\$0	\$0
20		Total Distribution AD	\$524,017,237	\$0	\$0	\$45,093,595	\$17,436,272
21		General Plant Accumulated Depreciation	\$61,611,122	\$0	\$0	\$2,472,252	\$995,002
22		TOTAL ACCUMULATED DEPRECIATION	\$1,411,638,679	\$0	\$0	\$50,017,376	\$19,417,935
23	n/a	Working Capital					
24	151, 152	Cash Working Capital	(\$19,358,886)	\$0	\$0	(\$776,808)	(\$312,640)
25	154, 163	Fuel Inventory	25,307,037	\$0	\$0	\$0	\$0
26	165	Materials & Supplies	42,837,160	\$0	\$0	\$1,718,914	\$691,808
27		Prepayments	4,537,991	\$0	\$0	\$182,095	\$73,287
28		Total Working Capital	\$53,323,302	\$0	\$0	\$1,124,201	\$452,455
29	252	Less: Customer Contributions	(\$8,923,750)	\$0	\$0	\$0	\$0
30	235	Customer Advances for Construction	(23,743,247)	0	0	0	0
31	200&253	Deferred Credits - Asset Retirement	(15,832,308)	0	0	(1,472,161)	(592,497)
32		Total Customer Contributions	(\$48,499,305)	\$0	\$0	(\$1,472,161)	(\$592,497)
33	105.0	Other Rate Base					
34	162.3	Plant Held for Future Use - Transmission Plant (Non-Regulatory Assets)	11,088,732	\$0	\$0	\$0	\$0
35	254	Regulatory Liabilities	0	0	0	0	0
36		Total Other Rate Base	\$11,088,732	\$0	\$0	\$0	\$0
37	190	Less: Accumulated Deferred Taxes (ADIT)	\$89,426,966	\$0	\$0	\$3,989,677	\$1,605,717
38	282	ADIT - Other Property	(384,080,848)	0	0	(15,411,902)	(6,202,795)
39	283	ADIT - Other	0	0	0	0	0
40		Total Accumulated Deferred Taxes	(\$294,653,881)	\$0	\$0	(\$11,422,225)	(\$4,597,078)
		TOTAL RATE BASE	\$1,519,073,362	\$0	\$0	\$66,595,982	\$27,515,190

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
DISTRIBUTION OF EXPENSE BY FUNCTION
FOR THE PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCT.	FERC ACCOUNT DESCRIPTION	TOTAL COMPANY	DEMAND	ENERGY	CUSTOMER
1	500	Steam Power Generation Expense	\$10,018,926	\$10,018,926	\$0	\$0
2	501	Operation/Supervision & Engineering	292,189,698	0	292,189,698	0
3	502	501-FUEL PPFAC ELIGIBLE	17,774,394	17,774,394	0	0
4	505	Steam Expenses	2,849,546	2,849,546	0	0
5	506	Electric Expenses	7,105,981	7,105,981	0	0
6	507	Miscellaneous Steam Power Expenses	85,647,219	85,647,219	0	0
7	510	Rents	4,166,964	4,166,964	0	0
8	511	Maintenance Supervision & Engineering	4,082,070	4,082,070	0	0
9	512	Maintenance of Structures	30,696,060	30,696,060	0	0
10	513	Maintenance of Boiler Plant	7,912,836	7,912,836	0	0
11	514	Maintenance of Electric Plant	7,750,254	7,750,254	0	0
12	411	Maintenance Miscellaneous Steam Plant	0	0	0	0
13	412	FAS 143 Accretion Expense	0	0	0	0
14		Loss from Disposition of Utility Plant	0	0	0	0
		Total Steam Power Generation Expense	\$470,193,950	\$178,004,252	\$292,189,698	\$0
15	546	Other Power Generation Expense	\$3,765,468	\$3,765,468	\$0	\$0
16	547	546-SUPERVISION & ENGINEERING	0	0	0	0
17	548 & 549	547-FUEL	6,180	6,180	0	0
18	550	548-MISC. OTHER POWER GENERATION	0	0	0	0
19	551	550-RENTS	124,929	124,929	0	0
20	552-554	551-MAINTENANCE SUPERVISION & ENGINEERING	1,080,817	1,080,817	0	0
21	557	552-554-MAINTENANCE PLANT	630,823	630,823	0	0
22		557-OTHER EXPENSES	\$5,608,218	\$5,608,218	\$0	\$0
		Total Other Power Generation Expense	\$475,802,168	\$183,612,470	\$292,189,698	\$0
23		Total Production Expense	\$945,996,118	\$361,616,722	\$584,379,396	\$0
24	555	Other Power Supply Expense	\$0	\$0	\$0	\$0
25		PURCHASED POWER	0	0	0	0
26		DEMAND CHARGES	0	0	0	0
27		ENERGY CHARGES	0	0	0	0
		TOTAL PURCHASED POWER	\$0	\$0	\$0	\$0
28	556	SYS CONTRL & LOAD DISP	0	0	0	0
29	557	OTHER EXPENSES	0	0	0	0
30		Total Power Supply Expense	\$0	\$0	\$0	\$0
31	560-573	Transmission Non-EHV (138 KV & below)	0	0	0	0
32	560-573	Transmission EHV (345 KV & above)	90,028,056	90,028,056	0	0
33		Total Transmission Plant	\$90,028,056	\$90,028,056	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
DISTRIBUTION OF EXPENSE BY FUNCTION
FOR THE PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCT.	FERC ACCOUNT DESCRIPTION	TOTAL COMPANY	DEMAND					DISTRIBUTION	
				PRODUCTION	MUST RUN	TRANSMISSION EHV	TRANSMISSION NON-EHV	ANCILLARY SERVICES		
1	500	Steam Power Generation Expense								
2	501	Operation Supervision & Engineering	\$10,018,926	\$8,684,010	\$814,539	\$0	\$0	\$510,378	\$0	\$0
3	502	501-FUEL PPFAC ELIGIBLE	282,189,698	0	0	0	0	0	0	0
4	505	Steam Expenses	17,774,394	15,423,885	1,445,058	0	0	905,451	0	0
5	506	Electric Expenses	2,849,546	2,472,718	231,668	0	0	145,160	0	0
6	507	Miscellaneous Steam Power Expenses	7,105,981	6,166,277	577,716	0	0	361,988	0	0
7	510	Rents	85,647,219	74,321,116	6,963,119	0	0	4,362,984	0	0
8	511	Maintenance Supervision & Engineering	4,166,964	3,615,919	338,774	0	0	212,271	0	0
9	512	Maintenance of Structures	4,082,070	3,542,252	331,872	0	0	207,946	0	0
10	513	Maintenance of Boiler Plant	30,696,060	30,696,060	0	0	0	0	0	0
11	514	Maintenance of Electric Plant	7,912,836	6,866,432	643,314	0	0	403,090	0	0
12	411	Maintenance Miscellaneous Steam Plant	7,750,254	6,725,350	630,096	0	0	394,808	0	0
13	412	FAS 143 Accretion Expense	0	0	0	0	0	0	0	0
14		Loss from Disposition of Utility Plant	0	0	0	0	0	0	0	0
		Total Steam Power Generation Expense	\$470,193,950	\$158,524,019	\$11,976,156	\$0	\$0	\$7,504,077	\$0	\$0
15	546	Other Power Generation Expense								
16	547	546-SUPERVISION & ENGINEERING	\$3,765,468	\$3,267,517	\$306,133	\$0	\$0	\$191,818	\$0	\$0
17	548 & 549	548-MISC. OTHER POWER GENERATION	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
18	550	550-RENTS	6,180	\$5,363	\$502	\$0	\$0	\$315	\$0	\$0
19	551	551-MAINTENANCE SUPERVISION & ENGINEERING	124,929	\$108,408	\$10,157	\$0	\$0	\$6,364	\$0	\$0
20	552-554	552-554-MAINTENANCE PLANT	1,080,817	\$937,888	\$87,870	\$0	\$0	\$55,058	\$0	\$0
21	557	557-OTHER EXPENSES	630,823	\$547,402	\$51,286	\$0	\$0	\$32,135	\$0	\$0
22		Total Other Power Generation Expense	\$5,608,218	\$4,866,580	\$455,948	\$0	\$0	\$285,690	\$0	\$0
23		Total Production Expense	\$475,802,168	\$163,390,599	\$12,432,104	\$0	\$0	\$7,789,767	\$0	\$0
24	555	Other Power Supply Expense								
25		PURCHASED POWER								
26		DEMAND CHARGES	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
27		ENERGY CHARGES	0	0	0	0	0	0	0	0
		TOTAL PURCHASED POWER	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28	556	SYS CONTRL & LOAD DISP	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
29	557	OTHER EXPENSES	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
30		Total Power Supply Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
31	560-573	Transmission Non-EHV (138 KV & below)	0	0	0	0	0	0	0	0
32	560-573	Transmission EHV (345 KV & above)	90,028,056	0	0	45,014,028	45,014,028	0	0	0
33		Total Transmission Plant	\$90,028,056	\$0	\$0	\$45,014,028	\$45,014,028	\$0	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
DISTRIBUTION OF EXPENSE BY FUNCTION
FOR THE PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCT.	FERC ACCOUNT DESCRIPTION	TOTAL COMPANY	DEMAND	ENERGY	CUSTOMER
Distribution Plant						
1	580	Operation Supervision & Engineering	\$1,321,680	\$1,149,322	\$0	\$172,357
2	581	Load Dispatching	592,834	515,523	0	77,310
3	582	Station Expenses	230,240	230,240	0	0
4	583	Overhead Line Expenses	627,561	627,561	0	0
5	584	Underground Line Expenses	141,291	141,291	0	0
6	585	Street Lighting & Signal System Expenses	172,310	172,310	0	0
7	586	Meter Expenses	2,287,037	0	0	2,287,037
8	587	Customer Installations Expense	135,368	0	0	135,368
9	588	Miscellaneous Distribution Expenses	9,784,316	9,784,316	0	0
10	589	Rents	867,282	867,282	0	0
11	590	Maintenance Supervision & Engineering	780,444	780,444	0	0
12	591	Maintenance of Structures	0	0	0	0
13	592	Maintenance of Station Equipment	1,088,984	1,088,984	0	0
14	593	Maintenance of Overhead Lines	925,427	925,427	0	0
15	594	Maintenance of Underground Lines	165,484	165,484	0	0
16	595	Maintenance of Line Transformers	494,257	494,257	0	0
17	596	Maintenance of Street Lighting & Signal Systems	0	0	0	0
18	597	Maintenance of Meters	116,105	0	0	116,105
19	598	Maintenance of Miscellaneous Distribution Plant	252,158	252,158	0	0
20	407	Regulatory Asset Amortization	2,982,638	2,982,638	0	0
21		Other	0	0	0	0
22		Total Distribution Plant	\$22,965,413	\$20,177,236	\$0	\$2,788,177
Customer Account Expense						
23	902	Meter Reading Expenses	3,037,059	0	0	3,037,059
24	903	Customer Records & Collection Expenses	13,230,911	0	0	13,230,911
25	904	Uncollectible Accounts	2,080,293	2,080,293	0	0
26	905	Miscellaneous Customer Accounts Expenses	0	0	0	0
27	908	Customer Assistance Expenses	967,950	0	0	967,950
28	909	Informational and Instructional Advertising Expenses	121,526	0	0	121,526
29	910	Miscellaneous Customer Service & Informational Expenses	14,638	0	0	14,638
30		Total Customer Account Expense	19,452,377	2,080,293	0	17,372,084
Total Operation and Maintenance Expense Excluding Fuel & Power Supply Expense & A&G						
31			\$786,252,266	\$473,902,307	\$292,189,698	\$20,160,261
Administrative and General Expense						
32	920-935		\$65,884,580	63,196,155	0	2,688,425
Total Operation and Maintenance Expense						
33			\$674,132,594	\$359,094,209	\$292,189,698	\$22,848,686
34			0			
Depreciation and Amortization						
35	301-303	Total Intangible Plant Depreciation Expense	\$9,331,228	\$8,806,100	\$0	\$525,128
36	500-547	Production Depreciation Expense	\$52,018,787	\$52,018,787	\$0	\$0

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
DISTRIBUTION OF EXPENSE BY FUNCTION
FOR THE PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCT.	FERC ACCOUNT DESCRIPTION	TOTAL COMPANY	DEMAND				DISTRIBUTION	
				PRODUCTION	MUST RUN	TRANSMISSION EHV	TRANSMISSION NON-EHV		ANCILLARY SERVICES
1	580	Operation Supervision & Engineering	\$1,321,680	\$0	\$0	\$0	\$0	\$0	\$1,149,322
2	581	Load Dispatching	592,834	0	0	0	0	0	515,523
3	582	Station Expenses	230,240	0	0	0	0	0	230,240
4	583	Overhead Line Expenses	627,561	0	0	0	0	0	627,561
5	584	Underground Line Expenses	141,291	0	0	0	0	0	141,291
6	585	Street Lighting & Signal System Expenses	172,310	0	0	0	0	0	172,310
7	586	Meter Expenses	2,287,037	0	0	0	0	0	0
8	587	Customer Installations Expense	135,368	0	0	0	0	0	0
9	588	Miscellaneous Distribution Expenses	9,784,316	0	0	0	0	0	9,784,316
10	589	Rents	867,282	0	0	0	0	0	867,282
11	590	Maintenance Supervision & Engineering	780,444	0	0	0	0	0	780,444
12	591	Maintenance of Structures	0	0	0	0	0	0	0
13	592	Maintenance of Station Equipment	1,088,984	0	0	0	0	0	1,088,984
14	593	Maintenance of Overhead Lines	925,427	0	0	0	0	0	925,427
15	594	Maintenance of Underground Lines	165,484	0	0	0	0	0	165,484
16	595	Maintenance of Line Transformers	494,257	0	0	0	0	0	494,257
17	596	Maintenance of Street Lighting & Signal Systems	0	0	0	0	0	0	0
18	597	Maintenance of Meters	116,105	0	0	0	0	0	0
19	598	Maintenance of Miscellaneous Distribution Plant	252,158	0	0	0	0	0	252,158
20	407	Regulatory Asset Amortization	2,982,638	0	0	0	0	0	2,982,638
21		Other	0	0	0	0	0	0	0
22		Total Distribution Plant	\$22,965,413	\$0	\$0	\$0	\$0	\$0	\$20,177,236
23	902	Customer Account Expense	3,037,059	0	0	0	0	0	0
24	903	Meter Reading Expenses	13,230,911	0	0	0	0	0	0
25	904	Customer Records & Collection Expenses	2,080,293	0	0	0	0	0	2,080,293
26	905	Uncollectible Accounts	0	0	0	0	0	0	0
27	908	Miscellaneous Customer Accounts Expenses	967,950	0	0	0	0	0	0
28	909	Customer Assistance Expenses	121,526	0	0	0	0	0	0
29	910	Informational and Instructional Advertising Expenses	14,638	0	0	0	0	0	0
30		Miscellaneous Customer Service & Informational Expenses	14,638	0	0	0	0	0	0
30		Total Customer Account Expense	19,452,377	0	0	0	0	0	2,080,293
31		Total Operation and Maintenance Expense Excluding Fuel & Power Supply Expense & A&G	\$786,252,266	\$321,914,618	\$24,408,260	\$45,014,028	\$45,014,028	\$15,293,844	\$22,257,529
32	920-935	Administrative and General Expense	\$65,884,580	\$42,928,185	\$3,254,908	\$6,002,742	\$6,002,742	\$2,039,475	\$2,968,102
33		Total Operation and Maintenance Expense	\$674,132,594	\$206,318,764	\$15,667,012	\$51,016,770	\$51,016,770	\$9,829,243	\$25,225,631
34		0	0	0	0	0	0	0	0
35	301-303	Depreciation and Amortization	\$9,331,228	\$4,732,962	\$351,321	\$0	\$0	\$220,132	\$3,501,684
36	500-547	Total Intangible Plant Depreciation Expense	\$52,018,787	\$46,414,715	\$3,445,300	\$0	\$0	\$2,156,772	\$0
		Production Depreciation Expense							

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
DISTRIBUTION OF EXPENSE BY FUNCTION
FOR THE PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCT.	FERC ACCOUNT DESCRIPTION	TOTAL COMPANY	DEMAND	ENERGY	CUSTOMER
1		Transmission NonEHV	0	0	0	0
2		Transmission EHV	0	0	0	0
3		Total Transmission Depreciation Expense	\$0	\$0	\$0	\$0
4	360	Distribution Plant Depreciation Expense				
5	361	Land & Rights	\$117,363	\$102,058	\$0	\$15,305
6	362	Structures & Improvements	199,062	173,103	0	25,959
7	364	Station Equipment	2,206,020	1,918,338	0	287,682
8	365	Poles, Towers, & Fixtures	2,835,021	2,465,312	0	369,709
9	366	Overhead Conductors & Devices	2,577,442	2,241,323	0	336,119
10	367	Underground Conduit	752,340	654,229	0	98,111
11	368	Underground Conductors & Devices	4,998,546	4,346,696	0	651,850
12	369	Line Transformers	5,213,316	4,533,459	0	679,858
13	370	Services	1,834,997	0	0	1,834,997
14	373	Meters	1,429,192	0	0	1,429,192
15	374	Street Lighting & Signal Systems	199,264	199,264	0	0
16		Asset Retirement Cost & DIST Net Salvage	3,247,207	2,823,746	0	423,461
		Total All Distribution Depreciation Expense	\$25,609,770	\$19,457,527	\$0	\$6,152,244
17		General Plant Depreciation Expense	10,350,629	9,768,133	0	582,496
18		Total Depreciation Expense	\$97,310,414	\$90,050,546	\$0	\$7,259,868
19	408	Taxes Other Than Income Taxes				
20	408	Property Tax - Production	\$15,733,923	\$15,733,923	\$0	\$0
21	408	Property Tax - Transmission (EHV)	0	0	0	0
22	408	Property Tax - Transmission (Non-EHV)	0	0	0	0
23	408	Property Tax - Distribution	13,059,052	11,356,049	0	1,703,003
24	408	Property Tax - General	1,719,601	1,622,828	0	96,773
25	408	Business Activity Tax - Generation	4,272	4,272	0	0
26	408	Business Activity Tax - Transmission	0	0	0	0
27	408	Other (Including Payroll Taxes)	4,624,641	4,364,383	0	260,258
		Total Taxes Other Than Income Taxes	\$35,141,489	\$33,081,454	\$0	\$2,060,035
28	431	Interest on Customer Deposits				
		Customer Deposit Interest Expense	45,852	45,852	0	0
29	409	Income Taxes				
		Current Income Tax - State & Federal	\$7,018,368	\$6,623,400	\$0	\$394,969
30		Total Operating Expense - Excluding Income Taxes	\$806,630,348	\$482,272,051	\$292,189,698	\$32,168,589
31		Total Operating Expense - Including Taxes	\$813,648,717	\$488,895,460	\$292,189,698	\$32,563,558

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
DISTRIBUTION OF EXPENSE BY FUNCTION
FOR THE PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCT.	FERC ACCOUNT DESCRIPTION	TOTAL COMPANY	DEMAND					DISTRIBUTION
				PRODUCTION	MUST RUN	TRANSMISSION EHV	TRANSMISSION NON-EHV	ANCILLARY SERVICES	
1		Transmission NonEHV	0	0	0	0	0	0	0
2		Transmission EHV	0	0	0	0	0	0	0
3		Total Transmission Depreciation Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	360	Distribution Plant Depreciation Expense							
5	361	Land & Rights	\$117,363	\$0	\$0	\$0	\$0	\$0	\$102,058
6	362	Structures & Improvements	199,062	0	0	0	0	0	173,103
7	364	Station Equipment	2,206,020	0	0	0	0	0	1,918,338
8	365	Poles, Towers, & Fixtures	2,835,021	0	0	0	0	0	2,465,312
9	366	Overhead Conductors & Devices	2,577,442	0	0	0	0	0	2,241,323
10	367	Underground Conduit	752,340	0	0	0	0	0	654,229
11	368	Underground Conductors & Devices	4,998,546	0	0	0	0	0	4,346,696
12	369	Line Transformers	5,213,316	0	0	0	0	0	4,533,459
13	370	Services	1,834,997	0	0	0	0	0	0
14	373	Meters	1,429,192	0	0	0	0	0	0
15	374	Street Lighting & Signal Systems	199,264	0	0	0	0	0	199,264
16		Asset Retirement Cost & DIST Net Salvage	3,247,207	0	0	0	0	0	2,823,746
17		Total All Distribution Depreciation Expense	\$25,609,770	\$0	\$0	\$0	\$0	\$0	\$19,457,527
18		General Plant Depreciation Expense	10,350,629	5,250,020	389,702	0	0	244,181	3,884,230
19		Total Depreciation Expense	\$97,310,414	\$56,397,696	\$4,186,323	\$0	\$0	\$2,623,086	\$26,843,441
20	408	Taxes Other Than Income Taxes							
21	408	Property Tax - Production	\$15,733,923	\$14,038,881	\$1,042,087	\$0	\$0	\$652,956	\$0
22	408	Property Tax - Transmission (EHV)	0	0	0	0	0	0	0
23	408	Property Tax - Transmission (Non-EHV)	0	0	0	0	0	0	0
24	408	Property Tax - Distribution	13,059,052	0	0	0	0	0	11,356,049
25	408	Property Tax - General	1,719,601	872,211	64,743	0	0	40,567	645,306
26	408	Business Activity Tax - Generation	4,272	3,812	283	0	0	177	0
27	408	Business Activity Tax - Transmission	0	0	0	0	0	0	0
28	408	Other (Including Payroll Taxes)	4,624,641	2,345,699	174,118	0	0	109,100	1,735,466
29	408	Total Taxes Other Than Income Taxes	\$35,141,489	\$17,260,603	\$1,281,231	\$0	\$0	\$802,800	\$13,736,821
30	431	Interest on Customer Deposits	45,852	0	0	0	0	0	45,852
31	409	Customer Deposit Interest Expense							
32	409	Income Taxes	\$7,018,368	\$3,559,839	\$264,242	\$0	\$0	\$165,570	\$2,633,749
33	409	Current Income Tax - State & Federal							
34		Total Operating Expense - Excluding Income Taxes	\$806,630,348	\$279,977,083	\$21,154,565	\$51,016,770	\$51,016,770	\$13,255,128	\$66,851,745
35		Total Operating Expense - Including Taxes	\$813,648,717	\$283,536,922	\$21,418,807	\$51,016,770	\$51,016,770	\$13,420,698	\$66,485,494

TUCSON ELECTRIC POWER COMPANY
CLASS COST OF SERVICE STUDY
DISTRIBUTION OF EXPENSE BY FUNCTION
FOR THE PERIOD ENDING DECEMBER 31, 2011

LINE NO.	FERC ACCT.	FERC ACCOUNT DESCRIPTION	ENERGY			CUSTOMER					
			TOTAL COMPANY	FUEL	Customer Informatic	UNCOLLECTIBLES	Customer Delivery	METER	BILLING & COLLECTIONS	METER READING	
1		Transmission Non-EHV	0	0	0	0	0	0	0	0	0
2		Transmission EHV	0	0	0	0	0	0	0	0	0
3		Total Transmission Depreciation Expense	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4	360	Distribution Plant Depreciation Expense									
5	361	Land & Rights	\$117,363	\$0	\$0	\$0	\$10,913	\$4,392	\$0	\$0	\$0
6	362	Structures & Improvements	199,062	0	0	0	18,510	7,450	0	0	0
7	364	Station Equipment	2,206,020	0	0	0	205,126	82,557	0	0	0
8	365	Poles, Towers, & Fixtures	2,835,021	0	0	0	263,613	106,096	0	0	0
9	366	Overhead Conductors & Devices	2,577,442	0	0	0	239,662	96,456	0	0	0
10	367	Underground Conductor & Devices	752,340	0	0	0	69,956	28,155	0	0	0
11	368	Line Transformers	4,998,546	0	0	0	464,788	187,062	0	0	0
12	369	Services	5,213,316	0	0	0	484,758	195,100	0	0	0
13	370	Meters	1,834,997	0	0	0	1,834,997	0	0	0	0
14	373	Street Lighting & Signal Systems	1,429,192	0	0	0	0	1,429,192	0	0	0
15	374	Asset Retirement Cost & DIST Net Salvage	199,264	0	0	0	0	0	0	0	0
16		Total All Distribution Depreciation Expense	3,247,207	0	0	0	301,940	121,521	0	0	0
17		General Plant Depreciation Expense	\$25,609,770	\$0	\$0	\$0	\$3,894,263	\$2,257,981	\$0	\$0	\$0
18		Total Depreciation Expense	10,350,629	0	0	0	415,337	167,160	0	0	0
19	408	Taxes Other Than Income Taxes	\$97,310,414	\$0	\$0	\$0	\$4,684,031	\$2,575,837	\$0	\$0	\$0
20	408	Property Tax - Production	\$15,733,923	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
21	408	Property Tax - Transmission (EHV)	0	0	0	0	0	0	0	0	0
22	408	Property Tax - Transmission (Non-EHV)	0	0	0	0	0	0	0	0	0
23	408	Property Tax - Distribution	13,059,052	0	0	0	1,214,291	488,713	0	0	0
24	408	Property Tax - General	1,719,601	0	0	0	69,002	27,771	0	0	0
25	408	Business Activity Tax - Generation	4,272	0	0	0	0	0	0	0	0
26	408	Business Activity Tax - Transmission	0	0	0	0	0	0	0	0	0
27	408	Other (Including Payroll Taxes)	4,624,641	0	0	0	185,572	74,687	0	0	0
28	431	Interest on Customer Deposits	\$35,141,489	\$0	\$0	\$0	\$1,468,864	\$891,171	\$0	\$0	\$0
29	409	Income Taxes	45,852	0	0	0	0	0	0	0	0
30		Total Operating Expense - Excluding Income Taxes	\$7,018,368	\$0	\$0	\$0	\$281,624	\$113,345	\$0	\$0	\$0
31		Total Operating Expense - Including Taxes	\$806,630,348	\$292,189,698	\$0	\$0	\$6,354,655	\$6,125,236	\$16,013,025	\$3,675,673	\$3,675,673

TUCSON ELECTRIC POWER COMPANY REVENUES AND UNIT COST
 TEST YEAR PERIOD ENDING DECEMBER 31, 2011

SCHEDULE G-6-1 UNIT COST
 PAGE 1 OF 1

LINE NO.	REVENUES	TOTAL	TOTAL COMPANY	RESIDENTIAL	SMALL GENERAL SERVICE	LARGE GENERAL SERVICE	LARGE LIGHT & POWER	MINING	LIGHTING
1	DEMAND COMPONENTS	\$489,060,579	\$489,060,579	\$220,136,036	\$155,088,728	\$59,238,099	\$26,795,323	\$25,629,897	\$2,172,496
2	DEMAND PRODUCTION		285,600,180	127,416,162	90,698,542	34,713,752	16,073,961	14,808,527	1,889,236
3	DEMAND PRODUCTION MUST RUN		21,567,040	9,673,418	6,733,891	2,628,716	1,227,567	1,158,028	145,421
4	DEMAND ANCILLARY SERVICES		51,016,770	25,136,091	10,691,598	6,575,285	3,559,112	4,623,140	431,544
5	DEMAND TRANSMISSION EHV		51,016,770	25,136,091	10,691,598	6,575,285	3,559,112	4,623,140	431,544
6	DEMAND TRANSMISSION NON-EHV		13,513,579	6,061,216	4,219,353	1,647,113	769,175	725,603	91,119
7	DEMAND DISTRIBUTION		66,346,239	26,713,057	32,053,746	7,097,948	1,606,395	(308,539)	(816,369)
8	ENERGY COMPONENTS	292,189,698	292,189,698	121,102,785	69,067,097	40,234,780	27,174,234	33,425,978	1,184,824
9	ENERGY FUEL DIRECT		292,189,698	121,102,785	69,067,097	40,234,780	27,174,234	33,425,978	1,184,824
10	ENERGY PRODUCTION		0	0	0	0	0	0	0
11	ENERGY CUSTOMER		0	0	0	0	0	0	0
12	ENERGY UNCOLLECTIBLES		0	0	0	0	0	0	0
13	CUSTOMER COMPONENTS	\$32,151,130	\$32,151,130	\$22,333,703	\$6,885,331	\$1,214,927	\$555,470	\$583,019	\$578,680
14	CUSTOMER DELIVERY		5,693,668	2,226,772	2,192,649	579,239	265,444	253,388	176,176
15	CUSTOMER METERS		6,768,764	3,508,967	2,605,582	315,276	133,857	130,657	74,424
16	CUSTOMER BILLING & COLLECTIONS		16,013,025	13,448,012	1,692,266	260,498	127,011	161,827	323,411
17	CUSTOMER METER READING		3,675,673	3,149,952	394,834	59,914	29,158	37,147	4,668
18	TOTAL COMPANY	\$813,401,407	\$813,401,407	\$363,572,524	\$231,041,156	\$100,687,806	\$54,525,027	\$59,638,894	\$1,936,000
19	PER UNIT COST	\$0.0524	\$0.0524	\$0.0566	\$0.0712	\$0.0484	\$0.0291	\$0.0237	\$0.0580
20	DEMAND PRODUCTION		\$0.0306	\$0.0328	\$0.0416	\$0.0284	\$0.0174	\$0.0137	\$0.0505
21	DEMAND PRODUCTION MUST RUN		\$0.0023	\$0.0025	\$0.0031	\$0.0021	\$0.0013	\$0.0011	\$0.0039
22	DEMAND DISTRIBUTION		\$0.0055	\$0.0065	\$0.0049	\$0.0054	\$0.0039	\$0.0043	\$0.0115
23	DEMAND ANCILLARY SERVICES		\$0.0055	\$0.0065	\$0.0049	\$0.0054	\$0.0039	\$0.0043	\$0.0115
24	DEMAND TRANSMISSION NON-EHV		\$0.0014	\$0.0016	\$0.0019	\$0.0013	\$0.0008	\$0.0007	\$0.0024
25	DEMAND TRANSMISSION EHV		\$0.0071	\$0.0069	\$0.0147	\$0.0058	\$0.0017	-\$0.0003	-\$0.0218
26	ENERGY COMPONENTS	\$0.0313	\$0.0313	\$0.0312	\$0.0317	\$0.0329	\$0.0295	\$0.0309	\$0.0317
27	ENERGY FUEL DIRECT		\$0.0313	\$0.0312	\$0.0317	\$0.0329	\$0.0295	\$0.0309	\$0.0317
28	ENERGY PRODUCTION		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
29	ENERGY DEMAND SIDE MANAGEMENT		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
30	ENERGY UNCOLLECTIBLES		\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000
31	CUSTOMER COMPONENTS	\$0.0034	\$0.0034	\$0.0057	\$0.0032	\$0.0010	\$0.0006	\$0.0005	\$0.0155
32	CUSTOMER DELIVERY		\$0.0006	\$0.0006	\$0.0010	\$0.0005	\$0.0003	\$0.0002	\$0.0047
33	CUSTOMER METER READING		\$0.0007	\$0.0009	\$0.0012	\$0.0003	\$0.0001	\$0.0001	\$0.0020
34	CUSTOMER BILLING & COLLECTIONS		\$0.0017	\$0.0035	\$0.0008	\$0.0002	\$0.0001	\$0.0001	\$0.0086
35	CUSTOMER METERS		\$0.0004	\$0.0008	\$0.0002	\$0.0000	\$0.0000	\$0.0000	\$0.0001
36	TOTAL COMPANY	\$0.0872	\$0.0872	\$0.0935	\$0.1060	\$0.0823	\$0.0591	\$0.0551	\$0.1052
37	TOTAL THRUPTUP (KWh)	9,332,107,046	9,332,107,046	3,887,303,965	2,179,138,760	1,222,821,614	922,341,014	1,083,071,404	37,430,790
38	TOTAL ANNUAL CUSTOMERS	5,112,747	5,112,747	4,423,307	446,993	7,446	180	24	234,797
39	TOTAL AVERAGE CUSTOMERS		426,062	368,609	37,249	621	15	2	19,566
40	TOTAL CUSTOMER (\$/CUSTOMER)	\$6.29	\$6.29	\$5.05	\$15.40	\$163.17	\$3,085.95	\$24,292.48	\$2.46
41	TOTAL DEMAND & CUSTOMER (\$/CUSTOMER)	\$101.94	\$101.94	\$54.82	\$362.36	\$8,118.86	\$151,948.85	\$1,092,204.85	\$11.72

TUCSON ELECTRIC POWER COMPANY
DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

ALLOCATION FACTOR TABLE		Allocation	RESIDENTIAL TIME-OF-USE SERVICE		SMALL GENERAL SERVICE	
Line No.	Description		DEMAND	ENERGY	DEMAND	ENERGY
ALLOCATION FACTOR TABLE						
DEMAND RELATED						
DEMAND - PRODUCTION RELATED						
1	DEMAND PRODUCTION	DPROD	35		435	
2	DEMAND PRODUCTION - PPFAC	DPPFAC	35		435	
DEMAND - TRANSMISSION RELATED						
3	DEMAND - TRANSMISSION NON EHV	DTNEHV	35	0	435	0
4	DEMAND TRANSMISSION EHV	DTEHV	35	0	435	0
DEMAND - DISTRIBUTION RELATED						
6	DIST - PRI DIST SUBSTATIONS	DDISPSUB	24		288	
7	DIST - PRIMARY OVERHEAD LINES	DDISTPOL	24		288	
8	DIST - SEC UNDERGROUND LINES	DDISTSUL	24		288	
9	DIST - OVERHEAD LINE TRANSFRMRS	DDISTSOT	24		288	
10	DIST - STREET LIGHTING	DDISTLTG	0		0	
11	DIST - CUSTOMER DEPOSITS	DCUSTDEP	242,531		12,092,716	
12	DIST - CUSTOMER ADVANCES	DCUSTADV	148,433		1,646,326	
13	DIST - UNCOLLECTIBLES	DEUNCOL	27,728		542,700	
ENERGY RELATED						
14	ENERGY RELATED			139,353,760		1,954,156,997
ENERGY PRODUCTION PWR SUPPLY						
15	ENERGY PRODUCTION PWR SUPPLY	EFUEL	35		435	
16	ENERGY PRODUCTION	EPROD				
ENERGY - SYSTEM BENEFIT RELATED						
17	ENERGY - SYSTEM BENEFIT RELATED	EDSM		0		0
DEMAND SIDE MANAGEMENT						
18	DEMAND SIDE MANAGEMENT					
CUSTOMER INFORMATION						
19	CUSTOMER INFORMATION	DCUSINFO	15,938,181		190,077,811	0
20	CUSTOMER INFORMATION	CCUSINFO	0		0	20,295,721
CUSTOMER ALLOCATIONS						
21	CUSTOMER ALLOCATIONS	CUSTAVG			8,873	35,978
22	YEAR END NUMBER OF CUSTOMERS	CUSTWGT			17,746	35,978
23	CUSTOMER DELIVERY	CBLLCOL			17,746	35,978
24	BILLING AND COLLECTION	CACCT			17,746	35,978
25	CUSTOMER ACCOUNTING	CMETERS			1,845,578	8,203,079
26	METERS	CLIGHT			0	0
27	STREET LIGHTING	CMETRDG			17,746	35,978
28	METER READING				0	0

TUCSON ELECTRIC POWER COMPANY
DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

Line No.	Description	Allocation	SMALL GENERAL SERVICE TIME OF USE		GENERAL SERVICE INTERRUPTIBLE AGRICULTURAL PUMPING		LARGE GENERAL SERVICE	
			DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
ALLOCATION FACTOR TABLE								
DEMAND RELATED								
DEMAND - PRODUCTION RELATED								
1	DEMAND PRODUCTION		21		19		253	
2	DEMAND PRODUCTION - PPFAC		21		19		253	
DEMAND - TRANSMISSION RELATED								
3	DEMAND TRANSMISSION NON EHV		21	0	19	0	253	0
4	DEMAND TRANSMISSION EHV		21	0	19	0	253	0
DEMAND - DISTRIBUTION RELATED								
6	DIST - PRI DIST SUBSTATIONS		13		10		197	
7	DIST - PRIMARY OVERHEAD LINES		13		10		197	
8	DIST - SEC UNDERGROUND LINES		13		10		197	
9	DIST - OVERHEAD LINE TRANSFRMRS		13		10		197	
10	DIST - STREET LIGHTING		0		0		0	
11	DIST - CUSTOMER DEPOSITS		316,269		0		426,696	
12	DIST - CUSTOMER ADVANCES		78,812		66,111		977,051	
13	DIST - UNCOLLECTIBLES		29,382		18,812		219,138	
ENERGY RELATED								
ENERGY PRODUCTION PWR SUPPLY								
15	ENERGY PRODUCTION			131,490,540				1,048,935,498
16	ENERGY PRODUCTION		21		19		253	
ENERGY - SYSTEM BENEFIT RELATED								
17	ENERGY - SYSTEM BENEFIT RELATED							
DEMAND SIDE MANAGEMENT								
18	DEMAND SIDE MANAGEMENT			0		0		0
CUSTOMER INFORMATION								
19	CUSTOMER INFORMATION		8,611,422	0	6,590,926	0	129,782,080	0
20	CUSTOMER INFORMATION		0	0	0	0	0	0
CUSTOMER ALLOCATIONS								
21	CUSTOMER ALLOCATIONS			795,692			259,195	
22	YEAR END NUMBER OF CUSTOMERS							484
23	CUSTOMER DELIVERY							484
24	BILLING AND COLLECTION							484
25	CUSTOMER ACCOUNTING							484
26	METERS							99,254
27	STREET LIGHTING							0
28	METER READING		0	0	0	0	0	484

TUCSON ELECTRIC POWER COMPANY
DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

ALLOCATION FACTOR TABLE		Allocation	LARGE GENERAL SERVICE TIME OF USE		LARGE LIGHT & POWER	
Line No.	Description		DEMAND	ENERGY	DEMAND	ENERGY
ALLOCATION FACTOR TABLE						
DEMAND RELATED						
DEMAND - PRODUCTION RELATED						
1	DEMAND PRODUCTION	DPROD	40		49	
2	DEMAND PRODUCTION - PPFAC	DPPFAC	40		49	
DEMAND - TRANSMISSION RELATED						
3	DEMAND TRANSMISSION NON EHV	DTNEHV	40	0	49	0
4	DEMAND TRANSMISSION EHV	DTEHV	40	0	49	0
DEMAND - DISTRIBUTION RELATED						
6	DIST - PRI DIST SUBSTATIONS	DDISPSUB	23		15	
7	DIST - PRIMARY OVERHEAD LINES	DDISTPOL	23		15	
8	DIST - SEC UNDERGROUND LINES	DDISTSUL	23		15	
9	DIST - OVERHEAD LINE TRANSFORMERS	DDISTSOT	23		15	
10	DIST - STREET LIGHTING	DDISTLTG	0		0	
11	DIST - CUSTOMER DEPOSITS	DCUSTDEP	54,257		0	
12	DIST - CUSTOMER ADVANCES	DCUSTADV	141,918		152,140	
13	DIST - UNCOLLECTIBLES	DEUNCOL	38,374		58,161	
14	ENERGY RELATED			228,917,107		328,450,948
ENERGY PRODUCTION PWR SUPPLY						
15	ENERGY PRODUCTION	EFUEL				
16	ENERGY - SYSTEM BENEFIT RELATED	EPROD	40		49	
17	DEMAND SIDE MANAGEMENT	EDSM		0		0
CUSTOMER INFORMATION						
19	CUSTOMER INFORMATION	DCUSINFO	15,413,924	0	9,643,232	0
20	CUSTOMER INFORMATION	CCUSINFO	0	0	123,884	0
CUSTOMER ALLOCATIONS						
21	YEAR END NUMBER OF CUSTOMERS	CUSTAVG			87	4
22	CUSTOMER DELIVERY	CUSTWTG			174	4
23	BILLING AND COLLECTION	CBILLCOL			174	4
24	CUSTOMER ACCOUNTING	CACCT			174	4
25	METERS	CMETERS			60,726	9
26	STREET LIGHTING	CLIGHT			0	20,050
27	METER READING	CMETROG	0	0	174	0
28					0	4

TUCSON ELECTRIC POWER COMPANY
DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

ALLOCATION FACTOR TABLE		Allocation	DEMAND	LIGHTING ENERGY	CUSTOMER
Line No.	Description				

ALLOCATION FACTOR TABLE
DEMAND RELATED

1	DEMAND - PRODUCTION RELATED				
2	DEMAND PRODUCTION	DPROD	19		
3	DEMAND PRODUCTION - PPFAC	DPPFAC	19		
4	DEMAND - TRANSMISSION RELATED				
5	DEMAND TRANSMISSION NON EHV	DTNEHV	19		
6	DEMAND TRANSMISSION EHV	DTEHV	19		
7	DEMAND - DISTRIBUTION RELATED				
8	DIST - PRI DIST SUBSTATIONS	DDISPSUB	62		
9	DIST - PRIMARY OVERHEAD LINES	DDISTPOL	62		
10	DIST - SEC UNDERGROUND LINES	DDISTSUL	62		
11	DIST - OVERHEAD LINE TRANSFORMERS	DDISTSOT	62		
12	DIST - STREET LIGHTING	DDISLTG	19		
13	DIST - CUSTOMER DEPOSITS	DCUSTDEP	4,700		
14	DIST - CUSTOMER ADVANCES	DCUSTADV	174,249		
15	DIST - UNCOLLECTIBLES	DEUNCOL	10,066		

ENERGY RELATED

16	ENERGY PRODUCTION PWR SUPPLY	EFUEL		37,629,899	
17	ENERGY PRODUCTION	EPROD	19		
18	ENERGY - SYSTEM BENEFIT RELATED				
19	DEMAND SIDE MANAGEMENT	EDSM		0	
20	CUSTOMER INFORMATION	DCUSINFO		0	0
21	CUSTOMER INFORMATION	CCUSINFO	51,875,623	0	135,613
22	CUSTOMER ALLOCATIONS				
23	YEAR END NUMBER OF CUSTOMERS	CUSTAVG	19,566		19,566
24	CUSTOMER DELIVERY	CUSTWGT	0		0
25	BILLING AND COLLECTION	CBILLCOL			9,783
26	CUSTOMER ACCOUNTING	CACCT			0
27	METERS	CMETERS			0
28	STREET LIGHTING	CLIGHT			19,566
29	METER READING	CMETRDG	0	0	0

TUCSON ELECTRIC POWER COMPANY
DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

Line No.	Description	Allocation	RESIDENTIAL TIME-OF-USE SERVICE		SMALL GENERAL SERVICE		CUSTOMER
			DEMAND	ENERGY	DEMAND	ENERGY	
1	INTERNALLY DEVELOPED						
2	PLANT IN SERVICE EXCL GENERAL DEMAND	PISXGENL	41,544,110	0	0	505,008,627	0
3	PLANT IN SERVICE EXCL GENERAL CUST	PISXGENL	0	0	7,196,962	0	20,295,721
4	TOTAL PLANT IN SERVICE DEMAND	TOTPIS	46,127,994	0	0	560,730,152	0
5	TOTAL PLANT IN SERVICE CUST	TOTPIS	0	0	7,991,058	0	22,535,106
6	PRODUCTION PLANT IN SERVICE	PRODPIS	25,605,929	0	0	314,930,816	0
7	TRANSMISSION PLANT IN SERVICE	TRANPIS	0	0	0	0	0
8	DISTRIBUTION PLANT IN SERVICE DEMAND	DISTPIS	15,938,181	0	0	190,077,811	0
9	DISTRIBUTION PLANT IN SERVICE CUST	DISTPIS	0	0	7,196,962	0	20,295,721
10	TOTAL TRANSMISSION & DISTRIBUTION	TDPLT	15,938,181	0	0	190,077,811	0
11	GENERAL PLANT	GENLPIS	41,544,110	0	0	505,008,627	0
12	GENERAL PLANT	GENLPIS	0	0	7,196,962	0	20,295,721
13	PRESENT BASE RATE REVENUE	SALESREV	10,841,649	0	0	212,197,339	0
14	TOTAL O&M LESS FUEL & PP	OM	7,382,705	0	0	90,892,572	0
15	TOTAL O&M LESS FUEL & PP	OM	0	0	868,265	0	2,132,516
16	ACCOUNT 360	ACC362-368	0	0	7,135,464	0	20,046,357
17	ACCOUNT 361	ACC362-368	0	0	0	0	0
18	ACCOUNT 362	PLT362	2,002,347	0	0	23,879,870	0
19	ACCOUNT 364	PLT364	2,376,675	0	0	28,344,087	0
20	ACCOUNT 365	PLT365	2,258,610	0	0	26,936,050	0
21	ACCOUNT 366	PLT366	833,939	0	0	9,945,504	0
22	ACCOUNT 367	PLT367	4,222,935	0	0	50,362,473	0
23	ACCOUNT 368	PLT368	3,964,993	0	0	47,286,274	0
24	ACCOUNT 369	PLT369	0	0	4,827,190	0	9,786,726
25	ACCOUNT 370	PLT370	0	0	2,308,273	0	10,259,631
26	ACCOUNT 373	PLT373	0	0	0	0	0
27	OVERHEAD DISTRIBUTION PLANT IN SERVICE	OHDIST	4,635,285	0	0	55,280,136	0
28	UNDERGROUND DISTRIBUTION PLT IN SERVICE	UGDIST	5,056,874	0	0	60,307,977	0
29	TOTAL O&M EXCLUDING GENERAL	OMXGENL	7,382,705	0	0	90,892,572	0
30	TOTAL O&M EXCLUDING GENERAL	OMXGENL	0	0	868,265	0	2,132,516
31	LABOR ACCOUNTS 581-589	LAB58189	179,400	0	0	2,139,512	0
32	LABOR ACCOUNTS 581-589	LAB58189	0	0	125,822	0	553,667
33	LABOR ACCOUNTS 591-598	LAB59198	43,172	0	5,866	514,866	0
34	LABOR ACCOUNTS 591-598	LAB59198	0	0	0	0	26,073
35	RATIO TABLE						
36	DEMAND RELATED						
37	DEMAND - PRODUCTION RELATED	DPDROD	0.0156	0.0000	0.0000	0.1923	0.0000
38	DEMAND PRODUCTION	DPPFAC	0.0156	0.0000	0.0000	0.1923	0.0000
39	DEMAND PRODUCTION - PPFAC						
40	DEMAND - TRANSMISSION RELATED	DTNEHV	0.0156	0.0000	0.0000	0.1923	0.0000
41	DEMAND TRANSMISSION NON EHV	DTEHV	0.0156	0.0000	0.0000	0.1923	0.0000
42	DEMAND TRANSMISSION EHV						
43	DEMAND - DISTRIBUTION RELATED	DDISPSUB	0.0143	0.0000	0.0000	0.1702	0.0000
44	DIST - PRI DIST SUBSTATIONS	DDISTPOL	0.0147	0.0000	0.0000	0.1749	0.0000
45	DIST - PRIMARY OVERHEAD LINES	DDISTSUL	0.0156	0.0000	0.0000	0.1862	0.0000
46	DIST - SEC UNDERGROUND LINES	DDISTSOT	0.0147	0.0000	0.0000	0.1749	0.0000
47	DIST - OVERHEAD LINE TRANSFRMRS	DDISTLTG	0.0000	0.0000	0.0000	0.0000	0.0000
48	DIST - STREET LIGHTING	DCUSTDEP	0.0102	0.0000	0.0000	0.5093	0.0000
49	DIST - CUSTOMER DEPOSIT	DCUSTADY	0.0166	0.0000	0.0000	0.1845	0.0000
50	DIST - CUSTOMER ADVANCES	DEUNCOL	0.0133	0.0000	0.0000	0.2609	0.0000
51	DIST - UNCOLLECTIBLES						

TUCSON ELECTRIC POWER COMPANY
DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

Line No.	Description	Allocation	SMALL GENERAL SERVICE		GENERAL SERVICE INTERRUPTIBLE AGRICULTURAL PUMPING		LARGE GENERAL SERVICE	
			DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
1	INTERNALLY DEVELOPED							
2	PLANT IN SERVICE EXCL GENERAL DEMAND	PISXGENL	24,131,602	0	20,306,392	0	312,982,185	0
3	PLANT IN SERVICE EXCL GENERAL CUST	PISXGENL	0	0	0	0	0	0
4	TOTAL PLANT IN SERVICE DEMAND	TOTPLS	26,794,229	0	22,546,954	0	347,515,941	0
5	TOTAL PLANT IN SERVICE CUST	TOTPLS	0	0	883,487	0	287,794	0
6	PRODUCTION PLANT IN SERVICE	PRODPIS	15,520,180	0	13,715,465	0	183,200,106	0
7	TRANSMISSION PLANT IN SERVICE	TRANPIS	0	0	0	0	0	0
8	DISTRIBUTION PLANT IN SERVICE DEMAND	DISTPIS	8,611,422	0	6,590,926	0	129,782,080	0
9	DISTRIBUTION PLANT IN SERVICE CUST	DISTPIS	0	0	795,692	0	259,195	0
10	TOTAL TRANSMISSION & DISTRIBUTION	TDPLT	8,611,422	0	6,590,926	0	129,782,080	0
11	GENERAL PLANT	GENPLS	24,131,602	0	20,306,392	0	312,982,185	0
12	GENERAL PLANT	GENPLS	0	0	795,692	0	259,195	0
13	PRESENT BASE RATE REVENUE	SALESREV	11,488,341	0	7,355,469	0	85,663,582	0
14	TOTAL O&M LESS FUEL & PP	OM	4,467,957	0	3,922,413	0	53,132,334	0
15	TOTAL O&M LESS FUEL & PP	OM	0	93,494	0	0	127,512,810	0
16	ACCOUNT 360	ACC362-368	8,460,849	0	789,288	0	255,839	0
17	ACCOUNT 361	ACC362-368	0	0	0	0	0	0
18	ACCOUNT 362	PLT362	1,081,871	0	828,032	0	16,304,792	0
19	ACCOUNT 364	PLT364	1,284,121	0	982,828	0	19,352,888	0
20	ACCOUNT 365	PLT365	1,220,330	0	934,004	0	18,391,502	0
21	ACCOUNT 366	PLT366	450,578	0	344,859	0	6,790,631	0
22	ACCOUNT 367	PLT367	2,281,658	0	1,746,313	0	34,386,688	0
23	ACCOUNT 368	PLT368	2,142,291	0	1,639,646	0	32,286,309	0
24	ACCOUNT 369	PLT369	0	0	502,687	0	131,701	0
25	ACCOUNT 370	PLT370	0	0	286,602	0	124,138	0
26	ACCOUNT 373	PLT373	0	0	0	0	0	0
27	OVERHEAD DISTRIBUTION PLANT IN SERVICE	OHDIST	2,504,451	0	1,916,832	0	37,744,390	0
28	UNDERGROUND DISTRIBUTION PLT IN SERVICE	UGDIST	2,732,236	0	2,091,172	0	41,177,319	0
29	TOTAL O&M EXCLUDING GENERAL	OMXGENL	4,467,957	0	3,922,413	0	53,132,334	0
30	TOTAL O&M EXCLUDING GENERAL	OMXGENL	0	93,494	0	27,771	0	51,842
31	LABOR ACCOUNTS 591-599	LAB59189	96,930	0	74,187	0	1,460,825	0
32	LABOR ACCOUNTS 591-599	LAB59189	0	15,576	0	6,706	351,542	0
33	LABOR ACCOUNTS 591-598	LAB59198	23,326	0	17,853	0	0	0
34	LABOR ACCOUNTS 591-598	LAB59198	0	728	0	315	1,155	0
35	RATIO TABLE							
36	DEMAND RELATED							
37	DEMAND - PRODUCTION RELATED	DPROD	0.0095	0.0000	0.0000	0.0000	0.1118	0.0000
38	DEMAND PRODUCTION	DPPFAC	0.0095	0.0000	0.0000	0.0000	0.1118	0.0000
39	DEMAND PRODUCTION - PPFAC							
40	DEMAND - TRANSMISSION RELATED	DTNEHV	0.0095	0.0000	0.0000	0.0000	0.1118	0.0000
41	DEMAND TRANSMISSION NON EHV	DTEHV	0.0095	0.0000	0.0000	0.0000	0.1118	0.0000
42	DEMAND TRANSMISSION EHV							
43	DEMAND - DISTRIBUTION RELATED	DDISPSUB	0.0077	0.0000	0.0059	0.0000	0.1162	0.0000
44	DIST - PRI DIST SUBSTATIONS	DDISTPOL	0.0079	0.0000	0.0061	0.0000	0.1194	0.0000
45	DIST - PRIMARY OVERHEAD LINES	DDISTSUL	0.0084	0.0000	0.0065	0.0000	0.1271	0.0000
46	DIST - SEC UNDERGROUND LINES	DDISTSOT	0.0079	0.0000	0.0061	0.0000	0.1194	0.0000
47	DIST - OVERHEAD LINE TRANSFRMRS	DDISTLTG	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
48	DIST - STREET LIGHTING	DCUSTDEP	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
49	DIST - CUSTOMER DEPOSITS	DCUSTADV	0.0133	0.0000	0.0000	0.0000	0.0180	0.0000
50	DIST - CUSTOMER ADVANCES	DCUNCOL	0.0088	0.0000	0.0074	0.0000	0.1095	0.0000
51	DIST - UNCOLLECTIBLES		0.0141	0.0000	0.0090	0.0000	0.1053	0.0000

TUCSON ELECTRIC POWER COMPANY
DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

ALLOCATION FACTOR TABLE		Allocation	LARGE GENERAL SERVICE TIME OF USE		LARGE LIGHT & POWER		
Line No.	Description		DEMAND	ENERGY	DEMAND	ENERGY	CUSTOMER
1	INTERNALLY DEVELOPED						
2	PLANT IN SERVICE EXCL GENERAL DEMAND	PISXGENL	44,299,313	0	0	45,283,804	0
3	PLANT IN SERVICE EXCL GENERAL CUST	PISXGENL	0	0	123,884	0	26,192
4	TOTAL PLANT IN SERVICE DEMAND	TOTPLS	49,187,200	0	0	50,280,318	0
5	TOTAL PLANT IN SERVICE CUST	TOTPLS	0	0	137,553	0	29,082
6	PRODUCTION PLANT IN SERVICE	PRODPIS	28,865,389	0	0	35,640,572	0
7	TRANSMISSION PLANT IN SERVICE	TRANPIS	0	0	0	0	0
8	DISTRIBUTION PLANT IN SERVICE DEMAND	DISTPIS	15,413,924	0	0	9,643,232	0
9	DISTRIBUTION PLANT IN SERVICE CUST	DISTPIS	0	0	123,884	0	26,192
10	TOTAL TRANSMISSION & DISTRIBUTION	TDPLT	15,413,924	0	0	9,643,232	0
11	GENERAL PLANT	GENLPIS	44,299,313	0	0	45,283,804	0
12	GENERAL PLANT	GENLPIS	0	0	123,884	0	26,192
13	PRESENT BASE RATE REVENUE	SALESREV	15,004,224	0	0	22,741,155	0
14	TOTAL O&M LESS FUEL & PP	OM	8,287,888	0	12,061	10,063,532	0
15	TOTAL O&M LESS FUEL & PP	OM	0	0	0	0	1,830
16	ACCOUNT 360	ACC362-368	15,144,408	0	0	0	0
17	ACCOUNT 361	ACC362-368	0	0	123,281	0	26,165
18	ACCOUNT 362	PLT362	1,936,483	0	0	1,211,499	0
19	ACCOUNT 364	PLT364	2,298,499	0	0	1,437,983	0
20	ACCOUNT 365	PLT365	2,184,317	0	0	1,366,549	0
21	ACCOUNT 366	PLT366	806,508	0	0	504,566	0
22	ACCOUNT 367	PLT367	4,084,029	0	0	2,555,043	0
23	ACCOUNT 368	PLT368	3,834,572	0	0	2,398,978	0
24	ACCOUNT 369	PLT369	0	0	47,331	0	1,088
25	ACCOUNT 370	PLT370	0	0	75,950	0	25,077
26	ACCOUNT 373	PLT373	0	0	0	0	0
27	OVERHEAD DISTRIBUTION PLANT IN SERVICE	OHDIST	4,482,816	0	0	2,804,531	0
28	UNDERGROUND DISTRIBUTION PLT IN SERVICE	UGDIST	4,890,537	0	0	3,059,609	0
29	TOTAL O&M EXCLUDING GENERAL	OMXGENL	8,287,888	0	0	10,063,532	0
30	TOTAL O&M EXCLUDING GENERAL	OMXGENL	0	0	12,061	0	1,830
31	LABOR ACCOUNTS 581-589	LAB58189	173,499	0	0	108,544	0
32	LABOR ACCOUNTS 581-589	LAB58189	0	0	4,086	0	1,342
33	LABOR ACCOUNTS 591-598	LAB59198	41,752	0	0	26,121	0
34	LABOR ACCOUNTS 591-598	LAB59198	0	0	193	0	64
35	RATIO TABLE						
36	DEMAND RELATED						
37	DEMAND - PRODUCTION RELATED	DPROD	0.0176	0.0000	0.0000	0.0218	0.0000
38	DEMAND PRODUCTION	DPPFAC	0.0176	0.0000	0.0000	0.0218	0.0000
39	DEMAND PRODUCTION - PPFAC						
40	DEMAND - TRANSMISSION RELATED	DTNEHV	0.0176	0.0000	0.0000	0.0218	0.0000
41	DEMAND TRANSMISSION NON EHV	DTEHV	0.0176	0.0000	0.0000	0.0218	0.0000
42	DEMAND TRANSMISSION EHV						
43	DEMAND - DISTRIBUTION RELATED	DDISPSUB	0.0138	0.0000	0.0000	0.0086	0.0000
44	DIST - PRI DIST SUBSTATIONS	DDISTPOL	0.0142	0.0000	0.0000	0.0089	0.0000
45	DIST - PRIMARY OVERHEAD LINES	DDISTSUL	0.0151	0.0000	0.0000	0.0094	0.0000
46	DIST - SEC UNDERGROUND LINES	DDISTSOT	0.0142	0.0000	0.0000	0.0089	0.0000
47	DIST - OVERHEAD LINE TRANSFRMRS	DDISTLTG	0.0000	0.0000	0.0000	0.0000	0.0000
48	DIST - STREET LIGHTING	DCUSTDEP	0.0023	0.0000	0.0000	0.0000	0.0000
49	DIST - CUSTOMER DEPOSITS	DCUSTADV	0.0159	0.0000	0.0000	0.0170	0.0000
50	DIST - CUSTOMER ADVANCES	DEUNCOL	0.0184	0.0000	0.0000	0.0250	0.0000
51	DIST - UNCOLLECTIBLES						

TUCSON ELECTRIC POWER COMPANY
DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

Line No.	Allocation Factor Table Description	Allocation	LARGE LIGHT & POWER TIME OF USE ENERGY DEMAND		DEMAND	MINING ENERGY	CUSTOMER
			DEMAND	ENERGY			
1	INTERNALLY DEVELOPED						
2	PLANT IN SERVICE EXCL GENERAL DEMAND	PISXGENL	131,564,422	0	198,888,358	0	69,519
3	PLANT IN SERVICE EXCL GENERAL CUST	PISXGENL	0	0	0	0	0
4	TOTAL PLANT IN SERVICE DEMAND	TOTPLS	146,080,947	0	220,833,256	0	77,189
5	TOTAL PLANT IN SERVICE CUST	TOTPLS	0	0	0	0	0
6	PRODUCTION PLANT IN SERVICE	PRODPIS	79,290,750	0	149,522,467	0	0
7	TRANSMISSION PLANT IN SERVICE	TRANPIS	0	0	0	0	0
8	DISTRIBUTION PLANT IN SERVICE DEMAND	DISTPIS	52,273,672	0	49,365,891	0	0
9	DISTRIBUTION PLANT IN SERVICE CUST	DISTPIS	0	0	0	0	69,519
10	TOTAL TRANSMISSION & DISTRIBUTION	TDPLT	52,273,672	0	49,365,891	0	0
11	GENERAL PLANT	GENLPIS	131,564,422	0	198,888,358	0	69,519
12	GENERAL PLANT	GENLPIS	0	0	0	0	0
13	PRESENT BASE RATE REVENUE	SALESREV	31,783,872	0	59,638,894	0	0
14	TOTAL O&M LESS FUEL & PP	OM	22,910,548	0	42,313,096	0	4,669
15	TOTAL O&M LESS FUEL & PP	OM	0	0	0	0	0
16	ACCOUNT 360	ACC362-368	51,359,655	0	47,664,592	0	69,505
17	ACCOUNT 361	ACC362-368	0	0	0	0	0
18	ACCOUNT 362	PLT362	6,567,250	0	12,080,203	0	0
19	ACCOUNT 364	PLT364	7,794,963	0	9,839,224	0	0
20	ACCOUNT 365	PLT365	7,407,736	0	9,350,445	0	0
21	ACCOUNT 366	PLT366	2,735,133	0	0	0	0
22	ACCOUNT 367	PLT367	13,850,283	0	0	0	0
23	ACCOUNT 368	PLT368	13,004,291	0	16,414,720	0	0
24	ACCOUNT 369	PLT369	0	0	0	0	544
25	ACCOUNT 370	PLT370	0	0	0	0	68,961
26	ACCOUNT 373	PLT373	0	0	0	0	0
27	OVERHEAD DISTRIBUTION PLANT IN SERVICE	OHDIST	15,202,699	0	19,189,670	0	0
28	UNDERGROUND DISTRIBUTION PLT IN SERVICE	UGDIST	16,585,415	0	0	0	0
29	TOTAL O&M EXCLUDING GENERAL	OMXGENL	22,910,548	0	42,313,096	0	0
30	TOTAL O&M EXCLUDING GENERAL	OMXGENL	0	0	0	0	0
31	LABOR ACCOUNTS 581-589	LAB58189	588,392	0	558,424	0	4,669
32	LABOR ACCOUNTS 581-589	LAB58189	0	0	0	0	3,690
33	LABOR ACCOUNTS 591-598	LAB59198	141,594	0	147,422	0	0
34	LABOR ACCOUNTS 591-598	LAB59198	0	0	0	0	175
35	RATIO TABLE						
36	DEMAND RELATED						
37	DEMAND - PRODUCTION RELATED	DPROD	0.0484	0.0000	0.0913	0.0000	0.0000
38	DEMAND PRODUCTION	DPPFAC	0.0484	0.0000	0.0913	0.0000	0.0000
39	DEMAND PRODUCTION - PPFAC						
40	DEMAND - TRANSMISSION RELATED	DTNEHV	0.0484	0.0000	0.0913	0.0000	0.0000
41	DEMAND TRANSMISSION NON EHV	DTEHV	0.0484	0.0000	0.0913	0.0000	0.0000
42	DEMAND TRANSMISSION EHV						
43	DEMAND - DISTRIBUTION RELATED	DDISPSUB	0.0468	0.0000	0.0861	0.0000	0.0000
44	DIST - PRI DIST SUBSTATIONS	DDISTPOL	0.0481	0.0000	0.0607	0.0000	0.0000
45	DIST - PRIMARY OVERHEAD LINES	DDISTSUL	0.0512	0.0000	0.0000	0.0000	0.0000
46	DIST - SEC UNDERGROUND LINES	DDISTSOT	0.0481	0.0000	0.0607	0.0000	0.0000
47	DIST - OVERHEAD LINE TRANSFORMERS	DDISTLTG	0.0000	0.0000	0.0000	0.0000	0.0000
48	DIST - STREET LIGHTING	DCUSTDEP	0.0000	0.0000	0.0399	0.0000	0.0000
49	DIST - CUSTOMER DEPOSITS	DCUSTADV	0.0463	0.0000	0.0739	0.0000	0.0000
50	DIST - CUSTOMER ADVANCES	DEUNCOL	0.0391	0.0000	0.0733	0.0000	0.0000
51	DIST - UNCOLLECTIBLES						

TUCSON ELECTRIC POWER COMPANY
DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

Line No.	Allocation	Allocation	DEMAND	LIGHTING ENERGY	CUSTOMER
1	INTERNALLY DEVELOPED				
2	PLANT IN SERVICE EXCL GENERAL DEMAND	PISXGENL	65,308,372	0	0
3	PLANT IN SERVICE EXCL GENERAL CUST	PISXGENL	0	0	135,613
4	TOTAL PLANT IN SERVICE DEMAND	TOTPLS	72,514,353	0	0
5	TOTAL PLANT IN SERVICE CUST	TOTPLS	0	0	150,577
6	PRODUCTION PLANT IN SERVICE	PRODPIS	13,432,749	0	0
7	TRANSMISSION PLANT IN SERVICE	TRANPIS	0	0	0
8	DISTRIBUTION PLANT IN SERVICE DEMAND	DISTPIS	51,875,623	0	0
9	DISTRIBUTION PLANT IN SERVICE CUST	DISTPIS	0	0	135,613
10	TOTAL TRANSMISSION & DISTRIBUTION	TDPLT	51,875,623	0	0
11	GENERAL PLANT	GENLPIS	65,308,372	0	0
12	GENERAL PLANT	GENLPIS	0	0	135,613
13	PRESENT BASE RATE REVENUE	SALESREV	3,936,000	0	0
14	TOTAL O&M LESS FUEL & PP	OM	4,832,038	0	0
15	TOTAL O&M LESS FUEL & PP	OM	0	0	304,066
16	ACCOUNT 360	ACC362-368	0	0	0
17	ACCOUNT 361	ACC362-368	0	0	0
18	ACCOUNT 362	PLT362	5,113,465	0	0
19	ACCOUNT 364	PLT364	6,069,401	0	0
20	ACCOUNT 365	PLT365	5,767,894	0	0
21	ACCOUNT 366	PLT366	2,129,659	0	0
22	ACCOUNT 367	PLT367	10,784,261	0	0
23	ACCOUNT 368	PLT368	10,125,546	0	0
24	ACCOUNT 369	PLT369	0	0	0
25	ACCOUNT 370	PLT370	0	0	0
26	ACCOUNT 373	PLT373	11,173,715	0	0
27	OVERHEAD DISTRIBUTION PLANT IN SERVICE	OHDIST	11,837,294	0	0
28	UNDERGROUND DISTRIBUTION PLT IN SERVICE	UGDIST	12,913,920	0	0
29	TOTAL O&M EXCLUDING GENERAL	OMXGENL	4,832,038	0	0
30	TOTAL O&M EXCLUDING GENERAL	OMXGENL	0	0	304,066
31	LABOR ACCOUNTS 581-589	LAB58189	748,222	0	0
32	LABOR ACCOUNTS 581-589	LAB58189	0	0	65
33	LABOR ACCOUNTS 591-598	LAB59198	124,108	0	0
34	LABOR ACCOUNTS 591-598	LAB59198	0	0	0
35	RATIO TABLE				
36	DEMAND RELATED				
37	DEMAND - PRODUCTION RELATED	DPROD	0.0082	0.0000	0.0000
38	DEMAND PRODUCTION	DPPFAC	0.0082	0.0000	0.0000
39	DEMAND PRODUCTION - PPFAC				
40	DEMAND - TRANSMISSION RELATED	DTNEHV	0.0082	0.0000	0.0000
41	DEMAND TRANSMISSION NON EHV	DTEHV	0.0082	0.0000	0.0000
42	DEMAND TRANSMISSION EHV				
43	DEMAND - DISTRIBUTION RELATED	DDISPSUB	0.0364	0.0000	0.0000
44	DIST - PRI DIST SUBSTATIONS	DDISTPOL	0.0375	0.0000	0.0000
45	DIST - PRIMARY OVERHEAD LINES	DDISTSUL	0.0399	0.0000	0.0000
46	DIST - SEC UNDERGROUND LINES	DDISTSOT	0.0375	0.0000	0.0000
47	DIST - OVERHEAD LINE TRANSFORMERS	DDISLTG	1.0000	0.0000	0.0000
48	DIST - STREET LIGHTING	DCUSTDEP	0.0002	0.0000	0.0000
49	DIST - CUSTOMER DEPOSITS	DCUSTADV	0.0195	0.0000	0.0000
50	DIST - CUSTOMER ADVANCES	DEUNCOL	0.0048	0.0000	0.0000
51	DIST - UNCOLLECTIBLES				

TUCSON ELECTRIC POWER COMPANY
DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

Line No.	Allocation Factor Table Description	Allocation	TOTAL COMPANY		ENERGY		CUSTOMER		RESIDENTIAL STANDARD SERVICE	
			DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY
1	ENERGY RELATED									
2	ENERGY PRODUCTION PWR SUPPLY	EFUEL	0.00	1.00	0.00	1.00	0.00	0.3994	0.0000	0.0000
3	ENERGY PRODUCTION	EPROD	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
4	ENERGY - SYSTEM BENEFIT RELATED									
5	DEMAND SIDE MANAGEMENT	EDSM	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000
6	CUSTOMER INFORMATION	DCUSINFO	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
7	CUSTOMER INFORMATION	CCUSINFO	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.8176
8	UNWEIGHTED CUSTOMER BILLS	CUSTWGT	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.8443
9	CUSTOMER DELIVERY	CUST	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.8639
10	BILLING AND COLLECTION	CBILLCOL	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.8441
11	CUSTOMER ACCOUNTING	CAGCT	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.8638
12	METERS	CMETERS	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.7007
13	STREET LIGHTING	CLIGHT	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
14	METER READING	CREAD	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.8639
INTERNALLY DEVELOPED										
15	PLANT IN SERVICE EXCL GENERAL DEMAND	PISXGENL	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
16	PLANT IN SERVICE EXCL GENERAL CUST	PISXGENL	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.8176
17	TOTAL PLANT IN SERVICE DEMAND	TOTPLS	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
18	TOTAL PLANT IN SERVICE CUST	TOTPLS	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.8176
19	PRODUCTION PLANT IN SERVICE	PRODPIS	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
20	TRANSMISSION PLANT IN SERVICE	TRANPIS	0.00	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000
21	DISTRIBUTION PLANT IN SERVICE DEMAND	DISTPIS	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
22	DISTRIBUTION PLANT IN SERVICE CUST	DISTPIS	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.8176
23	TOTAL TRANSMISSION & DISTRIBUTION	TDPLT	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
24	GENERAL PLANT	GENPLIS	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
25	GENERAL PLANT	GENPLIS	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.8176
26	BASE RATE SALES REVENUE	SALESREV	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
27	MISC. SERVICE REVENUE ACCT 451		0	0	0	0	5,806,044	0.0000	0.0000	4,944,846
28	TOTAL O&M LESS FUEL & PP	OM	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
29	TOTAL O&M LESS FUEL & PP	OM	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.8263
30	ACCOUNT 360	PLT360	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
31	ACCOUNT 361	PLT361	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.8171
32	ACCOUNT 362	PLT362	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
33	ACCOUNT 364	PLT364	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
34	ACCOUNT 365	PLT365	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
35	ACCOUNT 366	PLT366	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
36	ACCOUNT 367	PLT367	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
37	ACCOUNT 368	PLT368	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
38	ACCOUNT 369	PLT369	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.8639
39	ACCOUNT 370	PLT370	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.7007
40	ACCOUNT 373	PLT373	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
41	OVERHEAD DISTRIBUTION PLANT IN SERVICE	OHDIST	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
42	UNDERGROUND DISTRIBUTION PLT IN SERVICE	UGDIST	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
43	TOTAL O&M EXCLUDING GENERAL	OMXGENL	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
44	TOTAL O&M EXCLUDING GENERAL	OMXGENL	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.8263
45	LABOR ACCOUNTS 561-589	LAB58189	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
46	LABOR ACCOUNTS 561-589	LAB58189	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.7044
47	LABOR ACCOUNTS 591-598	LAB59198	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.0000
48	LABOR ACCOUNTS 591-598	LAB59198	1.00	0.00	1.00	0.00	0.00	0.0000	0.0000	0.7007

TUCSON ELECTRIC POWER COMPANY
DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

Line No.	Allocation Factor Table Description	Allocation	RESIDENTIAL TIME-OF-USE SERVICE		SMALL GENERAL SERVICE		CUSTOMER
			DEMAND	ENERGY	DEMAND	ENERGY	
1	ENERGY RELATED						
2	ENERGY PRODUCTION PWR SUPPLY	EFUEL	0.0000	0.0150	0.0000	0.2106	0.0000
3	ENERGY PRODUCTION	EPROD	0.0156	0.0000	0.1923	0.0000	0.0000
4	ENERGY - SYSTEM BENEFIT RELATED						
5	DEMAND SIDE MANAGEMENT	EDSM	0.0000	0.0000	0.0000	0.0000	0.0000
6	CUSTOMER INFORMATION	DCUSINFO	0.0147	0.0000	0.1758	0.0000	0.0000
7	CUSTOMER INFORMATION	CCUSINFO	0.0000	0.0000	0.0000	0.0000	0.1252
8	UNWEIGHTED CUSTOMER BILLS	CUSTWGT	0.0000	0.0000	0.0000	0.0000	0.0843
9	CUSTOMER DELIVERY	CUST	0.0000	0.0000	0.0000	0.0000	0.0862
10	BILLING AND COLLECTION	CBILLCOL	0.0000	0.0000	0.0000	0.0000	0.0842
11	CUSTOMER ACCOUNTING	CACCT	0.0000	0.0000	0.0000	0.0000	0.0862
12	METERS	CMETERS	0.0000	0.0000	0.0000	0.0000	0.2246
13	STREET LIGHTING	CLIGHT	0.0000	0.0000	0.0000	0.0000	0.0000
14	METER READING	CREAD	0.0000	0.0000	0.0000	0.0000	0.0862
	INTERNALLY DEVELOPED						
15	PLANT IN SERVICE EXCL GENERAL DEMAND	PISXGENL	0.0153	0.0000	0.1857	0.0000	0.0000
16	PLANT IN SERVICE EXCL GENERAL CUST	PISXGENL	0.0000	0.0000	0.0000	0.0000	0.1252
17	TOTAL PLANT IN SERVICE DEMAND	TOTPLS	0.0153	0.0000	0.1857	0.0000	0.0000
18	TOTAL PLANT IN SERVICE CUST	TOTPLS	0.0000	0.0000	0.0000	0.0000	0.1252
19	PRODUCTION PLANT IN SERVICE	PRODPLS	0.0156	0.0000	0.1923	0.0000	0.0000
20	TRANSMISSION PLANT IN SERVICE	TRANPLS	0.0000	0.0000	0.0000	0.0000	0.0000
21	DISTRIBUTION PLANT IN SERVICE DEMAND	DISTPLS	0.0147	0.0000	0.1758	0.0000	0.0000
22	DISTRIBUTION PLANT IN SERVICE CUST	DISTPLS	0.0000	0.0000	0.0000	0.0000	0.1252
23	TOTAL TRANSMISSION & DISTRIBUTION	TDPLT	0.0147	0.0000	0.1758	0.0000	0.0000
24	GENERAL PLANT	GENPLS	0.0153	0.0000	0.1857	0.0000	0.0000
25	GENERAL PLANT	GENPLS	0.0000	0.0000	0.0000	0.0000	0.1252
26	BASE RATE SALES REVENUE	SALESREV	0.0133	0.0000	0.2609	0.0000	0.0000
27	MISC. SERVICE REVENUE ACCT 451			151,966			542,633
28	TOTAL O&M LESS FUEL & PP	OM	0.0156	0.0000	0.1918	0.0000	0.0000
29	TOTAL O&M LESS FUEL & PP	OM	0.0000	0.0000	0.0000	0.0000	0.1058
30	ACCOUNT 360	PLT360	0.0000	0.0000	0.1908	0.0000	0.0000
31	ACCOUNT 361	PLT361	0.0000	0.0000	0.0000	0.0000	0.1259
32	ACCOUNT 362	PLT362	0.0143	0.0000	0.1702	0.0000	0.0000
33	ACCOUNT 364	PLT364	0.0147	0.0000	0.1749	0.0000	0.0000
34	ACCOUNT 365	PLT365	0.0147	0.0000	0.1749	0.0000	0.0000
35	ACCOUNT 366	PLT366	0.0156	0.0000	0.1862	0.0000	0.0000
36	ACCOUNT 367	PLT367	0.0156	0.0000	0.1862	0.0000	0.0000
37	ACCOUNT 368	PLT368	0.0147	0.0000	0.1749	0.0000	0.0000
38	ACCOUNT 369	PLT369	0.0000	0.0000	0.0000	0.0000	0.0862
39	ACCOUNT 370	PLT370	0.0000	0.0000	0.0000	0.0000	0.2246
40	ACCOUNT 373	PLT373	0.0000	0.0000	0.0000	0.0000	0.0000
41	OVERHEAD DISTRIBUTION PLANT IN SERVICE	OHDIST	0.0147	0.0000	0.1749	0.0000	0.0000
42	UNDERGROUND DISTRIBUTION PLT IN SERVICE	UGDIST	0.0156	0.0000	0.1862	0.0000	0.0000
43	TOTAL O&M EXCLUDING GENERAL	OMXGENL	0.0156	0.0000	0.1918	0.0000	0.0000
44	TOTAL O&M EXCLUDING GENERAL	OMXGENL	0.0000	0.0000	0.0000	0.0000	0.1058
45	LABOR ACCOUNTS 581-589	LAB58189	0.0145	0.0000	0.1734	0.0000	0.0000
46	LABOR ACCOUNTS 581-589	LAB58189	0.0000	0.0000	0.0000	0.0000	0.2215
47	LABOR ACCOUNTS 591-598	LAB59198	0.0148	0.0000	0.1759	0.0000	0.0000
48	LABOR-ACCOUNTS 591-598	LAB59198	0.0000	0.0000	0.0000	0.0000	0.2246

TUCSON ELECTRIC POWER COMPANY
DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
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Line No.	Allocation Factor Table Description	Allocation	SMALL GENERAL SERVICE ENERGY		GENERAL SERVICE INTERRUPTIBLE AGRICULTURAL PUMPING ENERGY		LARGE GENERAL SERVICE ENERGY		CUSTOMER
			DEMAND	ENERGY	DEMAND	ENERGY	DEMAND	ENERGY	
1	ENERGY RELATED								
2	ENERGY PRODUCTION PWR SUPPLY	EFUEL	0.0000	0.0142	0.0000	0.0116	0.0000	0.1130	0.0000
3	ENERGY PRODUCTION	EPROD	0.0095	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
4	ENERGY - SYSTEM BENEFIT RELATED								
5	DEMAND SIDE MANAGEMENT	EDSM	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6	CUSTOMER INFORMATION	DCUSINFO	0.0060	0.0000	0.0000	0.0000	0.0000	0.1200	0.0000
7	CUSTOMER INFORMATION	CCUSINFO	0.0000	0.0000	0.0049	0.0000	0.0000	0.0000	0.0037
8	UNWEIGHTED CUSTOMER BILLS	CUSTWGT	0.0000	0.0000	0.0022	0.0000	0.0011	0.0000	0.0013
9	CUSTOMER DELIVERY	CUST	0.0000	0.0000	0.0044	0.0000	0.0012	0.0000	0.0013
10	BILLING AND COLLECTION	CBILLCOL	0.0000	0.0000	0.0043	0.0000	0.0011	0.0000	0.0013
11	CUSTOMER ACCOUNTING	CACCT	0.0000	0.0000	0.0044	0.0000	0.0012	0.0000	0.0014
12	METERS	CMETERS	0.0000	0.0000	0.0063	0.0000	0.0027	0.0000	0.0099
13	STREET LIGHTING	CLIGHT	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14	METER READING	CREAD	0.0000	0.0000	0.0044	0.0000	0.0012	0.0000	0.0013
	INTERNALLY DEVELOPED								
15	PLANT IN SERVICE EXCL GENERAL DEMAND	PISXGENL	0.0089	0.0000	0.0000	0.0000	0.0000	0.1151	0.0000
16	PLANT IN SERVICE EXCL GENERAL CUST	PISXGENL	0.0000	0.0000	0.0049	0.0000	0.0016	0.0000	0.0037
17	TOTAL PLANT IN SERVICE DEMAND	TOTPIS	0.0089	0.0000	0.0000	0.0000	0.0000	0.1151	0.0000
18	TOTAL PLANT IN SERVICE CUST	TOTPIS	0.0000	0.0000	0.0049	0.0000	0.0016	0.0000	0.0037
19	PRODUCTION PLANT IN SERVICE	PRODPLS	0.0095	0.0000	0.0000	0.0000	0.0000	0.1118	0.0000
20	TRANSMISSION PLANT IN SERVICE	TRANPLS	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21	DISTRIBUTION PLANT IN SERVICE DEMAND	DISTPLS	0.0080	0.0000	0.0061	0.0000	0.0016	0.1200	0.0000
22	DISTRIBUTION PLANT IN SERVICE CUST	DISTPLS	0.0000	0.0000	0.0049	0.0000	0.0016	0.0000	0.0037
23	TOTAL TRANSMISSION & DISTRIBUTION	TDTPLT	0.0080	0.0000	0.0061	0.0000	0.0000	0.1200	0.0000
24	GENERAL PLANT	GENPLIS	0.0089	0.0000	0.0000	0.0000	0.0000	0.1151	0.0000
25	GENERAL PLANT	GENPLIS	0.0000	0.0000	0.0049	0.0000	0.0016	0.0000	0.0037
26	BASE RATE SALES REVENUE	SALESREV	0.0141	0.0000	0.0000	0.0000	0.0000	0.1053	0.0000
27	MISC. SERVICE REVENUE ACCT 451				29.378		18.810		43.999
28	TOTAL O&M LESS FUEL & PP	OM	0.0094	0.0000	0.0000	0.0000	0.0000	0.1121	0.0000
29	TOTAL O&M LESS FUEL & PP	OM	0.0000	0.0000	0.0046	0.0000	0.0014	0.0000	0.0026
30	ACCOUNT 360	PLT360	0.0086	0.0000	0.0000	0.0000	0.0000	0.1302	0.0000
31	ACCOUNT 361	PLT361	0.0000	0.0000	0.0050	0.0000	0.0016	0.0000	0.0038
32	ACCOUNT 362	PLT362	0.0077	0.0000	0.0000	0.0000	0.0000	0.1162	0.0000
33	ACCOUNT 364	PLT364	0.0079	0.0000	0.0000	0.0000	0.0000	0.1194	0.0000
34	ACCOUNT 365	PLT365	0.0079	0.0000	0.0000	0.0000	0.0000	0.1194	0.0000
35	ACCOUNT 366	PLT366	0.0084	0.0000	0.0000	0.0000	0.0000	0.1271	0.0000
36	ACCOUNT 367	PLT367	0.0084	0.0000	0.0000	0.0000	0.0000	0.1271	0.0000
37	ACCOUNT 368	PLT368	0.0079	0.0000	0.0000	0.0000	0.0000	0.1194	0.0000
38	ACCOUNT 369	PLT369	0.0000	0.0000	0.0044	0.0000	0.0012	0.0000	0.0013
39	ACCOUNT 370	PLT370	0.0000	0.0000	0.0063	0.0000	0.0027	0.0000	0.0099
40	ACCOUNT 373	PLT373	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
41	OVERHEAD DISTRIBUTION PLANT IN SERVICE	OHDIST	0.0079	0.0000	0.0000	0.0000	0.0000	0.1194	0.0000
42	UNDERGROUND DISTRIBUTION PLT IN SERVICE	UGDIST	0.0084	0.0000	0.0000	0.0000	0.0000	0.1271	0.0000
43	TOTAL O&M EXCLUDING GENERAL	OMXGENL	0.0094	0.0000	0.0000	0.0000	0.0000	0.1121	0.0000
44	TOTAL O&M EXCLUDING GENERAL	OMXGENL	0.0000	0.0000	0.0046	0.0000	0.0014	0.0000	0.0026
45	LABOR ACCOUNTS 581-589	LAB58189	0.0079	0.0000	0.0000	0.0000	0.0000	0.1184	0.0000
46	LABOR ACCOUNTS 581-589	LAB58189	0.0000	0.0000	0.0062	0.0000	0.0027	0.0000	0.0098
47	LABOR ACCOUNTS 591-598	LAB59198	0.0080	0.0000	0.0000	0.0000	0.0000	0.1201	0.0000
48	LABOR ACCOUNTS 591-598	LAB59198	0.0000	0.0000	0.0063	0.0000	0.0027	0.0000	0.0099

TUCSON ELECTRIC POWER COMPANY
DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

ALLOCATION FACTOR TABLE		Allocation	LARGE GENERAL SERVICE TIME OF USE		LARGE LIGHT & POWER		
Line No.	Description		DEMAND	ENERGY	DEMAND	ENERGY	CUSTOMER
1	ENERGY RELATED						
2	ENERGY PRODUCTION PWR SUPPLY	EFUEL	0.0000	0.0247	0.0000	0.0354	0.0000
3	ENERGY PRODUCTION	EPROD	0.0176	0.0000	0.0000	0.0000	0.0000
4	ENERGY - SYSTEM BENEFIT RELATED						
5	DEMAND SIDE MANAGEMENT	EDSM	0.0000	0.0000	0.0000	0.0000	0.0000
6	CUSTOMER INFORMATION	DCUSINFO	0.0143	0.0000	0.0089	0.0000	0.0000
7	CUSTOMER INFORMATION	CCUSINFO	0.0000	0.0000	0.0000	0.0000	0.0002
8	UNWEIGHTED CUSTOMER BILLS	CUSTWGT	0.0000	0.0000	0.0000	0.0000	0.0000
9	CUSTOMER DELIVERY	CUST	0.0000	0.0000	0.0000	0.0000	0.0000
10	BILLING AND COLLECTION	CBILLCOL	0.0000	0.0000	0.0000	0.0000	0.0000
11	CUSTOMER ACCOUNTING	CACCT	0.0000	0.0000	0.0000	0.0000	0.0000
12	METERS	CMETERS	0.0000	0.0000	0.0000	0.0000	0.0005
13	STREET LIGHTING	CLIGHT	0.0000	0.0000	0.0000	0.0000	0.0000
14	METER READING	CREAD	0.0000	0.0000	0.0000	0.0000	0.0000
	INTERNALLY DEVELOPED						
15	PLANT IN SERVICE EXCL GENERAL DEMAND	PISXGENL	0.0163	0.0000	0.0167	0.0000	0.0000
16	PLANT IN SERVICE EXCL GENERAL CUST	PISXGENL	0.0000	0.0000	0.0000	0.0000	0.0000
17	TOTAL PLANT IN SERVICE DEMAND	TOTPLS	0.0163	0.0000	0.0167	0.0000	0.0000
18	TOTAL PLANT IN SERVICE CUST	TOTPLS	0.0000	0.0000	0.0000	0.0000	0.0002
19	PRODUCTION PLANT IN SERVICE	PRODPLS	0.0176	0.0000	0.0218	0.0000	0.0000
20	TRANSMISSION PLANT IN SERVICE	TRANPLS	0.0000	0.0000	0.0000	0.0000	0.0000
21	DISTRIBUTION PLANT IN SERVICE DEMAND	DISTRPS	0.0143	0.0000	0.0089	0.0000	0.0000
22	DISTRIBUTION PLANT IN SERVICE CUST	DISTRPS	0.0000	0.0000	0.0000	0.0000	0.0002
23	TOTAL TRANSMISSION & DISTRIBUTION	TDPLT	0.0143	0.0000	0.0089	0.0000	0.0000
24	GENERAL PLANT	GENPLS	0.0163	0.0000	0.0167	0.0000	0.0000
25	GENERAL PLANT	GENPLS	0.0000	0.0000	0.0000	0.0000	0.0002
26	BASE RATE SALES REVENUE	SALESREV	0.0184	0.0000	0.0280	0.0000	0.0000
27	MISC. SERVICE REVENUE ACCT 451			7.705			11.678
28	TOTAL O&M LESS FUEL & PP	OM	0.0175	0.0000	0.0212	0.0000	0.0000
29	TOTAL O&M LESS FUEL & PP	OM	0.0000	0.0000	0.0000	0.0000	0.0001
30	ACCOUNT 360	PLT360	0.0155	0.0000	0.0000	0.0000	0.0000
31	ACCOUNT 361	PLT361	0.0000	0.0000	0.0000	0.0000	0.0002
32	ACCOUNT 362	PLT362	0.0138	0.0000	0.0086	0.0000	0.0000
33	ACCOUNT 364	PLT364	0.0142	0.0000	0.0089	0.0000	0.0000
34	ACCOUNT 365	PLT365	0.0142	0.0000	0.0089	0.0000	0.0000
35	ACCOUNT 366	PLT366	0.0151	0.0000	0.0094	0.0000	0.0000
36	ACCOUNT 367	PLT367	0.0151	0.0000	0.0094	0.0000	0.0000
37	ACCOUNT 368	PLT368	0.0142	0.0000	0.0089	0.0000	0.0000
38	ACCOUNT 369	PLT369	0.0000	0.0000	0.0000	0.0000	0.0000
39	ACCOUNT 370	PLT370	0.0000	0.0000	0.0000	0.0000	0.0005
40	ACCOUNT 373	PLT373	0.0000	0.0000	0.0000	0.0000	0.0000
41	OVERHEAD DISTRIBUTION PLANT IN SERVICE	OHDIST	0.0142	0.0000	0.0089	0.0000	0.0000
42	UNDERGROUND DISTRIBUTION PLT IN SERVICE	UGDIST	0.0151	0.0000	0.0094	0.0000	0.0000
43	TOTAL O&M EXCLUDING GENERAL	OMXGENL	0.0175	0.0000	0.0212	0.0000	0.0000
44	TOTAL O&M EXCLUDING GENERAL	OMXGENL	0.0000	0.0000	0.0000	0.0000	0.0001
45	LABOR ACCOUNTS 581-589	LAB58189	0.0141	0.0000	0.0088	0.0000	0.0000
46	LABOR ACCOUNTS 581-589	LAB58189	0.0000	0.0000	0.0000	0.0000	0.0005
47	LABOR ACCOUNTS 591-598	LAB59198	0.0143	0.0000	0.0089	0.0000	0.0000
48	LABOR ACCOUNTS 591-598	LAB59198	0.0000	0.0000	0.0000	0.0000	0.0005

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DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

ALLOCATION FACTOR TABLE		Allocation	LARGE LIGHT & POWER TIME OF USE ENERGY		DEMAND	MINING ENERGY		CUSTOMER
Line No.	Description		DEMAND	ENERGY		DEMAND	ENERGY	
1	ENERGY RELATED							
2	ENERGY PRODUCTION PWR SUPPLY	EFUEL	0.0000	0.0576	0.0000	0.0000	0.1144	0.0000
3	ENERGY PRODUCTION	EPROD	0.0484	0.0000	0.0000	0.0913	0.0000	0.0000
4	ENERGY - SYSTEM BENEFIT RELATED							
5	DEMAND SIDE MANAGEMENT	EDSM	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
6	CUSTOMER INFORMATION	DCUSINFO	0.0483	0.0000	0.0000	0.0457	0.0000	0.0000
7	CUSTOMER INFORMATION	CCUSINFO	0.0000	0.0000	0.0005	0.0000	0.0000	0.0004
8	UNWEIGHTED CUSTOMER BILLS	CUSTWTGT	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
9	CUSTOMER DELIVERY	CUST	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10	BILLING AND COLLECTION	CBILLCOL	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
11	CUSTOMER ACCOUNTING	CACCT	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
12	METERS	CMETERS	0.0000	0.0015	0.0015	0.0000	0.0000	0.0015
13	STREET LIGHTING	CLIGHT	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
14	METER READING	CREAD	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
INTERNALLY DEVELOPED								
15	PLANT IN SERVICE EXCL GENERAL DEMAND	PISXGENL	0.0484	0.0000	0.0000	0.0731	0.0000	0.0000
16	PLANT IN SERVICE EXCL GENERAL CUST	PISXGENL	0.0000	0.0000	0.0005	0.0000	0.0000	0.0004
17	TOTAL PLANT IN SERVICE DEMAND	TOTPLS	0.0484	0.0000	0.0000	0.0731	0.0000	0.0000
18	TOTAL PLANT IN SERVICE CUST	TOTPLS	0.0000	0.0000	0.0005	0.0000	0.0000	0.0004
19	PRODUCTION PLANT IN SERVICE	PRODPLS	0.0484	0.0000	0.0000	0.0913	0.0000	0.0000
20	TRANSMISSION PLANT IN SERVICE	TRANPLS	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21	DISTRIBUTION PLANT IN SERVICE DEMAND	DISTPLS	0.0483	0.0000	0.0000	0.0457	0.0000	0.0000
22	DISTRIBUTION PLANT IN SERVICE CUST	DISTPLS	0.0000	0.0000	0.0005	0.0000	0.0000	0.0004
23	TOTAL TRANSMISSION & DISTRIBUTION	TDPLT	0.0483	0.0000	0.0000	0.0457	0.0000	0.0000
24	GENERAL PLANT	GENPLPS	0.0484	0.0000	0.0000	0.0731	0.0000	0.0000
25	GENERAL PLANT	GENPLPS	0.0000	0.0000	0.0005	0.0000	0.0000	0.0004
26	BASE RATE SALES REVENUE	SALESREV	0.0391	0.0000	0.0000	0.0733	0.0000	0.0000
27	MISC. SERVICE REVENUE ACCT 451			16.321				30.625
28	TOTAL O&M LESS FUEL & PP	OM	0.0483	0.0000	0.0000	0.0893	0.0000	0.0000
29	TOTAL O&M LESS FUEL & PP	OM	0.0000	0.0000	0.0003	0.0000	0.0000	0.0002
30	ACCOUNT 360	PLT360	0.0525	0.0000	0.0000	0.0487	0.0000	0.0000
31	ACCOUNT 361	PLT361	0.0000	0.0000	0.0005	0.0000	0.0000	0.0004
32	ACCOUNT 362	PLT362	0.0468	0.0000	0.0000	0.0661	0.0000	0.0000
33	ACCOUNT 364	PLT364	0.0481	0.0000	0.0000	0.0607	0.0000	0.0000
34	ACCOUNT 365	PLT365	0.0481	0.0000	0.0000	0.0607	0.0000	0.0000
35	ACCOUNT 366	PLT366	0.0512	0.0000	0.0000	0.0000	0.0000	0.0000
36	ACCOUNT 367	PLT367	0.0512	0.0000	0.0000	0.0000	0.0000	0.0000
37	ACCOUNT 368	PLT368	0.0481	0.0000	0.0000	0.0607	0.0000	0.0000
38	ACCOUNT 369	PLT369	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
39	ACCOUNT 370	PLT370	0.0000	0.0000	0.0015	0.0000	0.0000	0.0015
40	ACCOUNT 373	PLT373	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
41	OVERHEAD DISTRIBUTION PLANT IN SERVICE	OHDIST	0.0481	0.0000	0.0000	0.0607	0.0000	0.0000
42	UNDERGROUND DISTRIBUTION PLT IN SERVICE	UGDIST	0.0512	0.0000	0.0000	0.0000	0.0000	0.0000
43	TOTAL O&M EXCLUDING GENERAL	OMXGENL	0.0483	0.0000	0.0000	0.0893	0.0000	0.0000
44	TOTAL O&M EXCLUDING GENERAL	OMXGENL	0.0000	0.0000	0.0003	0.0000	0.0000	0.0002
45	LABOR ACCOUNTS 581-589	LAB58189	0.0477	0.0000	0.0015	0.0453	0.0000	0.0000
46	LABOR ACCOUNTS 581-589	LAB58189	0.0000	0.0000	0.0015	0.0000	0.0000	0.0015
47	LABOR ACCOUNTS 591-598	LAB59198	0.0484	0.0000	0.0000	0.0504	0.0000	0.0000
48	LABOR ACCOUNTS 591-598	LAB59198	0.0000	0.0000	0.0015	0.0000	0.0000	0.0015

TUCSON ELECTRIC POWER COMPANY
DEVELOPMENT OF ALLOCATION FACTORS TO CLASS OF SERVICE
FOR THE TEST PERIOD ENDING DECEMBER 31, 2011

Line No.	Description	Allocation		DEMAND	LIGHTING ENERGY	CUSTOMER
		Allocation	Allocation			
1	ENERGY RELATED					
2	ENERGY PRODUCTION PWR SUPPLY	EFUEL		0.0000	0.0041	0.0000
3	ENERGY PRODUCTION	EPROD		0.0082	0.0000	0.0000
4	ENERGY - SYSTEM BENEFIT RELATED					
5	DEMAND SIDE MANAGEMENT	EDSM		0.0000	0.0000	0.0000
6	CUSTOMER INFORMATION	DCUSINFO		0.0480	0.0000	0.0000
7	CUSTOMER INFORMATION	CCUSINFO		0.0000	0.0000	0.0008
8	UNWEIGHTED CUSTOMER BILLS	CUSTWGT		0.0000	0.0000	0.0458
9	CUSTOMER DELIVERY	CUST		0.0000	0.0000	0.0000
10	BILLING AND COLLECTION	CBILLCOL		0.0000	0.0000	0.0229
11	CUSTOMER ACCOUNTING	CACCT		0.0000	0.0000	0.0000
12	METERS	CMETERS		0.0000	0.0000	0.0000
13	STREET LIGHTING	CLIGHT		0.0000	0.0000	1.0000
14	METER READING	CREAD		0.0000	0.0000	0.0000
	INTERNALLY DEVELOPED					
15	PLANT IN SERVICE EXCL GENERAL DEMAND	PISXGENL		0.0240	0.0000	0.0000
16	PLANT IN SERVICE EXCL GENERAL CUST	PISXGENL		0.0000	0.0000	0.0008
17	TOTAL PLANT IN SERVICE DEMAND	TOTPLS		0.0240	0.0000	0.0000
18	TOTAL PLANT IN SERVICE CUST	TOTPLS		0.0000	0.0000	0.0008
19	PRODUCTION PLANT IN SERVICE	PRODPLS		0.0082	0.0000	0.0000
20	TRANSMISSION PLANT IN SERVICE	TRANPLS		0.0000	0.0000	0.0000
21	DISTRIBUTION PLANT IN SERVICE DEMAND	DISTPLS		0.0480	0.0000	0.0000
22	DISTRIBUTION PLANT IN SERVICE CUST	DISTPLS		0.0000	0.0000	0.0008
23	TOTAL TRANSMISSION & DISTRIBUTION	TDPLT		0.0480	0.0000	0.0000
24	GENERAL PLANT	GENPLPS		0.0240	0.0000	0.0000
25	GENERAL PLANT	GENPLPS		0.0000	0.0000	0.0008
26	BASE RATE SALES REVENUE	SALESREV		0.0048	0.0000	0.0000
27	MISC. SERVICE REVENUE ACCT 451					8.062
28	TOTAL O&M LESS FUEL & PP	OM		0.0102	0.0000	0.0000
29	TOTAL O&M LESS FUEL & PP	OM		0.0000	0.0000	0.0151
30	ACCOUNT 360	PLT360		0.0000	0.0000	0.0000
31	ACCOUNT 361	PLT361		0.0000	0.0000	0.0000
32	ACCOUNT 362	PLT362		0.0364	0.0000	0.0000
33	ACCOUNT 364	PLT364		0.0375	0.0000	0.0000
34	ACCOUNT 365	PLT365		0.0375	0.0000	0.0000
35	ACCOUNT 366	PLT366		0.0399	0.0000	0.0000
36	ACCOUNT 367	PLT367		0.0399	0.0000	0.0000
37	ACCOUNT 368	PLT368		0.0375	0.0000	0.0000
38	ACCOUNT 369	PLT369		0.0000	0.0000	0.0000
39	ACCOUNT 370	PLT370		0.0000	0.0000	0.0000
40	ACCOUNT 373	PLT373		1.0000	0.0000	0.0000
41	OVERHEAD DISTRIBUTION PLANT IN SERVICE	OHDIST		0.0375	0.0000	0.0000
42	UNDERGROUND DISTRIBUTION PLT IN SERVICE	UGDIST		0.0399	0.0000	0.0000
43	TOTAL O&M EXCLUDING GENERAL	OMXGENL		0.0102	0.0000	0.0000
44	TOTAL O&M EXCLUDING GENERAL	OMXGENL		0.0000	0.0000	0.0151
45	LABOR ACCOUNTS 581-589	LAB58189		0.0606	0.0000	0.0000
46	LABOR ACCOUNTS 581-589	LAB58189		0.0000	0.0000	0.0000
47	LABOR ACCOUNTS 591-598	LAB59198		0.0424	0.0000	0.0000
48	LABOR ACCOUNTS 591-598	LAB59198		0.0000	0.0000	0.0000

Schedule

“H”

Tucson Electric Power Company
Summary Of Revenues by Customer Classifications
Adjusted Present Rates And Proposed Rates
Test Year Ended December 31, 2011
(Thousands of Dollars)

Line No.	Pricing Plans	Test Year Net Revenue	Net Increase	Proposed % Increase to Test Year	Adjusted TY Revenue	Proposed Dollar Increase	Proposed % Increase to Adjusted Test Year	Proposed Net Revenue
1	Residential Service	\$357,607,067	\$52,876,812	14.8%	\$359,520,990	\$50,962,889	14.2%	\$410,483,879
2	Residential Time Of Use	11,220,784	1,909,326	17.0%	11,432,531	1,697,580	14.8%	13,130,111
3	Small General Service	212,097,792	23,431,679	11.0%	218,815,615	16,713,856	7.6%	235,529,471
4	Small General Service Time of Use	11,581,267	2,536,149	21.9%	12,212,834	1,904,582	15.6%	14,117,415
5	Irrigation & Water Pumping	7,365,884	1,306,707	17.7%	7,695,388	977,214	12.7%	8,672,601
6	Large General Service	86,657,484	30,594,946	35.3%	88,368,757	28,883,673	32.7%	117,252,430
7	Large General Service Time of Use	11,737,014	5,690,696	48.5%	15,588,258	1,839,452	11.8%	17,427,710
8	Large Light & Power	22,741,155	7,008,414	30.8%	22,871,279	6,879,290	30.1%	29,749,569
9	Large Light & Power Service Time of Use	34,795,988	4,061,563	11.7%	33,925,142	4,932,409	14.5%	38,857,551
10	Mining Service	61,583,072	12,623,228	20.5%	62,303,593	11,902,708	19.1%	74,206,301
11	Traffic Signals & Lighting Service	3,936,000	1,334,883	33.9%	4,203,506	1,067,376	25.4%	5,270,882
12								
13	Subtotal	\$821,323,518	\$143,374,402	17.5%	\$836,937,891	\$127,760,029	15.3%	\$964,697,920
14								
15	Other Operating Revenue		0	N/A	\$29,181,969	N/A	N/A	\$29,181,969
16								
17	Total	\$821,323,518	\$143,374,402	17.5%	\$866,119,859	\$127,760,029	14.8%	\$993,879,889

Supporting Schedules
A-1

Supporting Schedules
(a) H-2 (P2)

Links:
Other Operating Revenue - Rev Req Model

TUCSON ELECTRIC POWER COMPANY
COMPARISONS OF SALES BY RATE SCHEDULES - PRESENT AND PROPOSED
TEST PERIOD ENDING DECEMBER 31, 2011

Line No.	Rate Schedules	Rate Schedule Present	Proposed Rate Schedule	Actual			Adjusted			
				kWh Sales	Average Number of Customers	Average kWh per Customer	kWh Sales	Average Number of Customers	Average kWh per Customer	
1	Residential Lifeline	R-01	R-01	219,981,313	22,568	9,746	(29,463,120)	190,498,193	19,856	9,593
2	Residential Service	R-01	R-01	3,987,517,988	324,396	10,443	(22,712,786)	3,964,805,199	327,921	10,261
3	Residential Water Heating - Frozen	R-02F	R-01	3,836,490	2,027	1,893	(109,384)	3,727,106	1,985	1,878
4	Special Residential Electric Service	R-201AF	R-201AN	74,683,279	5,276	14,156	(5,647,948)	69,035,331	4,943	13,967
6	Residential Lifeline Special Electric Service	R-201AF	R-201AN	5,522,540	397	13,919	(725,087)	4,797,453	352	13,648
5	Special Residential Electric Service	R-201AN	R-201AN	57,179,820	4,917	11,630	5,212,329	62,392,149	5,462	11,423
7	Residential Community Solar	Rider-5	Rider-5	3,851,627	0	0	0	3,851,627	0	0
8	TOTAL RESIDENTIAL SERVICE			3,752,573,057	359,580	10,436	(53,465,998)	3,699,107,059	360,521	10,260
9	Residential Lifeline TOU Service	R-21F	R-80	695,894	58	11,998	(94,214)	601,680	51	11,770
10	Residential Lifeline TOU Service	R-70F	R-80	2,358,143	221	10,654	(321,201)	2,036,942	198	10,291
11	Residential Lifeline TOU Service	R-201BF	R-80	174,434	15	11,829	(23,016)	151,418	13	11,393
12	Residential Time of Use -Frozen	R-21F	R-80	41,724,116	2,440	17,097	(1,212,867)	40,511,249	2,411	16,803
13	Residential Time of Use -Frozen	R-70F	R-80	62,570,144	4,254	14,708	(3,083,623)	59,486,521	4,110	14,474
14	Residential Time of Use	R-70NB	R-80	2,535,555	184	13,768	186,037	2,721,591	202	13,473
15	Residential Time of Use	R-70NC	R-80	7,596,071	617	12,303	257,095	7,853,166	651	12,063
16	Residential Time of Use	R-70ND	R-80	5,534,903	424	13,049	251,824	5,786,727	452	12,802
17	Special Residential Electric Service	R-201BF	R-201BN	8,178,132	526	15,940	(616,591)	7,561,541	494	15,310
18	Special Residential Electric Service	R-201CF	R-201BN	2,373,577	217	10,942	(161,756)	2,211,821	205	10,772
19	Special Residential Electric Service-TOU	R-201BN	R-201BN	847,294	57	14,757	522	847,816	58	14,618
20	Special Residential Electric Service-TOU Solar	R-201CN	R-201BN	142,644	14	10,501	10,846	153,489	27	5,598
21	TOTAL RESIDENTIAL SERVICE TIME OF USE			134,730,908	9,029	14,922	(4,806,945)	129,923,963	8,873	14,643
22	General Service	GS-10	GS-10	1,768,419,470	34,742	50,901	1,800,245	1,770,219,715	34,902	50,720
23	General Service Mobile Home Parks-Frozen	GS-11F	GS-11F	59,197,601	341	173,695	(542,902)	58,614,700	339	172,905
24	Municipal Service	PS-40	GS-10	118,304,720	737	160,431	0	118,304,720	737	160,431
25	Comm Gen Svc Community Solar	GS-03-10	GS-03-10	350,244		350,244				
26	TOTAL SMALL GENERAL SERVICE			1,946,232,036	35,820	54,333	1,257,343	1,947,489,380	35,978	54,129
27	General Service Time of Use-Frozen	GS-76F	GS-76N	113,095,669	853	132,651	(3,330,703)	109,764,966	828	132,566

TUCSON ELECTRIC POWER COMPANY
COMPARISONS OF SALES BY RATE SCHEDULES - PRESENT AND PROPOSED
TEST PERIOD ENDING DECEMBER 31, 2011

Line No.	Rate Schedules	Rate Schedule Present	Proposed Rate Schedule	Actual			Adjusted			Line No.
				kWh Sales	Average Number of Customers	Average kWh per Customer	TY Customer & Weather Adjustments	kWh Sales	Average Number of Customers	
1	General Service TOU	GS-76N	GS-76N	12,033,759	84	142,934	1,791,794	13,825,553	96	144,016
2	TOTAL SMALL GENERAL SERVICE TIME OF USE			125,129,428	937	133,566	(1,538,909)	123,590,519	924	133,756
3	Interruptible Agricultural Pumping	GS-31	GS-43	14,365,628	39	373,133	(192,109)	14,173,519	30	465,979
4	Municipal Water Pumping	PS-43,45	GS-43	93,411,168	454	205,865	0	93,411,168	454	205,865
5	TOTAL WATER PUMPING SERVICE			107,776,796	492	218,947	(192,109)	107,584,687	484	222,206
6	Large General Service	LGS-13	LGS-13	1,053,643,012	550	1,917,276	(8,479,198)	1,045,063,814	535	1,953,390
7	Large General Service PRS	PRS-13	PRS-13	1,475,491	1	1,475,491	0	1,475,491	1	1,475,491
8	TOTAL LARGE GENERAL SERVICE			1,055,018,503	551	1,916,473	(8,479,198)	1,046,589,305	536	1,952,499
9	Large General Service Time of Use-Frozen	LGS-85F, LGS-85AF	LGS-85N	51,844,883	27	1,938,726	(5,590,879)	46,314,204	24	1,925,758
10	Large General Service TOU	LGS-85N	LGS-85N	115,958,228	43	2,681,115	54,342,235	170,300,463	63	2,703,182
11	TOTAL LARGE GENERAL SERVICE TIME OF USE			167,803,111	70	2,397,187	48,811,556	216,614,667	87	2,489,824
12	Large Light and Power	LLP-14	LLP-14	351,454,280	4	87,863,570	0	351,454,280	4	87,863,570
13	Large Light & Pwr TOU-Frozen	LLP-90F & 90AF	LLP-90N	258,280,900	7	36,897,229	(28,099,796)	230,180,804	5	46,036,161
14	Large Light and Power Time of Use	LLP-90N	LLP-90N	312,606,133	4	78,151,533	0	312,606,133	4	78,151,533
15	TOTAL-LARGE LIGHT & POWER TIME OF USE			570,886,733	11	51,896,794	(28,099,796)	542,786,937	9	60,309,660
16	Mines	Contract	LLP-90N	1,083,071,404	2	541,535,702	0	1,083,071,404	2	541,535,702
17	Municipal Traffic Signal Street Light	PS-41, PS 47	PS-41	29,734,586	1,251	23,778	(0)	29,734,586	1,251	23,778
18	Lighting	PS-50, 51, 52	PS-50	7,696,203	18,316	420	0	7,696,203	18,316	420
19	TOTAL LIGHTING SERVICE			37,430,790	19,566	1,913	(0)	37,430,789	19,566	1,913
20	TOTAL ELECTRIC SALES			9,332,107,046	426,062	21,903	(46,514,056)	9,285,592,991	426,985	21,747

Tucson Electric Power Company
Comparisons of Revenues by Rate Schedules
Present And Proposed Rates
Test Year Ended December 31, 2011

Line No.	Rate Schedules	Proposed Rate Schedule	Unadjusted Margin Revenue	Unadjusted PPFAC & Fuel Revenue	Pro Forma Adjustment	Adjusted Margin Revenue	Adjusted PPFAC & Fuel Revenue	Adjusted TY Revenues	Proposed Net Revenue	Proposed Increase to Test Year Revenue		Proposed Increase to Adjusted Revenue	
										\$	%	\$	%
1	Residential Service		\$244,290,132	\$113,316,935	\$1,913,923	\$241,095,410	\$118,425,580	\$356,520,990	\$410,483,879	\$62,876,812	14.8%	\$50,962,889	14.2%
2	Residential Time Of Use		7,282,404	3,938,381	211,746	7,043,984	4,388,547	11,432,531	13,130,111	1,909,326	17.0%	1,697,580	14.8%
3	Small General Service		156,707,943	55,389,849	6,717,823	156,798,459	62,017,156	218,815,615	235,529,471	23,431,679	11.0%	16,713,866	7.8%
4	Small General Service Time of Use		8,157,629	3,423,638	631,567	8,103,358	4,109,476	12,212,834	14,117,415	2,536,149	21.9%	1,904,582	15.6%
5	Irrigation & Water Pumping		4,451,723	2,914,170	329,493	4,446,839	3,248,547	7,695,386	8,672,601	1,306,707	17.7%	977,214	12.7%
6	Large General Service		55,791,356	30,866,129	1,711,273	55,085,198	33,283,559	88,368,757	117,292,430	30,594,946	35.3%	28,883,673	32.7%
7	Large General Service Time of Use		6,763,232	4,973,782	3,851,245	8,424,561	7,163,697	15,588,258	17,427,710	5,690,696	48.5%	1,839,452	11.8%
8	Large Light & Power Service		12,469,651	10,271,504	130,124	12,469,651	10,401,627	22,871,279	29,749,569	7,008,414	30.8%	6,878,290	30.1%
9	Large Light & Power Service Time of Use		20,220,753	14,575,235	(870,846)	17,883,872	16,041,271	33,925,142	38,857,551	4,061,563	11.7%	4,932,409	14.5%
10	Mining Service		31,515,193	30,067,880	720,520	30,374,675	31,928,918	62,303,593	74,206,301	12,623,228	20.5%	11,902,708	19.1%
11	Traffic Signals & Lighting Service		3,022,183	913,817	267,506	3,022,183	1,181,323	4,203,506	5,270,882	1,334,883	33.9%	1,067,376	25.4%
12	TOTAL		\$550,672,198	\$270,651,319	\$15,614,373	\$544,748,189	\$292,189,701	\$636,937,891	\$664,697,920	\$143,374,402	17.5%	\$127,760,029	15.3%
13	Residential Lifeline	R-01	\$13,612,269	\$6,606,686	(2,351,328)	\$11,801,193	\$6,066,433	\$17,867,627	\$21,351,173	\$1,132,218	5.6%	\$3,483,546	19.5%
14	Residential Service	R-01	224,751,974	102,753,969	3,498,320	223,461,936	107,542,327	331,004,263	377,054,854	49,548,911	15.1%	46,050,591	13.9%
15	Residential Water Heating - Frozen		190,416	112,977	22	185,953	117,461	303,415	348,815	45,422	15.0%	45,400	15.0%
16	Special Residential Electric Service	R-201AN	3,889,242	2,226,848	(330,928)	3,588,889	2,196,272	5,785,161	6,980,440	864,350	14.1%	1,195,278	20.7%
17	Special Res Electric Service Lifeline	R-201AN	273,007	165,342	(49,764)	235,965	152,620	388,585	486,337	47,987	10.9%	97,752	25.2%
18	Special Residential Electric Service	R-201AN	3,057,980	1,777,531	458,427	3,306,229	1,987,709	5,293,938	6,471,457	1,635,946	33.8%	1,177,519	22.2%
19	Residential Community Solar	R-03-01	0	362,757	0	0	362,757	362,757	362,757	0	0.0%	0	0.0%
20	Total Lifeline Discount Non-Tou		(1,484,756)	(689,175)	689,175	(1,484,756)	0	(1,484,756)	(2,571,953)	(398,022)	18.3%	(1,087,197)	73.2%
21	TOTAL RESIDENTIAL SERVICE STANDARD		\$244,290,132	\$113,316,935	\$1,913,923	\$241,095,410	\$118,425,580	\$356,520,990	\$410,483,879	\$62,876,812	14.8%	\$50,962,889	14.2%
22	Residential Lifeline TOU Service	R-21F	\$32,205	\$20,670	(4,768)	\$27,889	\$20,218	\$48,107	\$62,453	\$9,579	18.1%	\$14,347	29.8%
23	Residential Lifeline TOU Service	R-70F	132,250	68,438	(17,579)	114,504	68,605	183,109	216,789	16,101	8.0%	33,680	18.4%
24	Residential Lifeline TOU Service	R-201BF	7,748	5,010	(988)	6,684	5,086	11,770	14,955	2,197	17.2%	3,185	27.1%
25	Residential Time of Use -Frozen	R-21F	1,987,928	1,260,225	49,455	1,929,952	1,367,656	3,297,608	4,055,023	806,871	24.8%	757,416	23.0%
26	Residential Time of Use -Frozen	R-70F	3,612,826	1,811,162	28,937	3,441,136	2,011,789	5,452,926	6,076,981	652,993	12.0%	624,056	11.4%

Tucson Electric Power Company
Comparisons of Revenues by Rate Schedules
Present And Proposed Rates
Test Year Ended December 31, 2011

Line No.	Rate Schedules	Proposed Rate Schedule	Unadjusted Margin Revenue	Unadjusted PPFAC & Fuel Revenue	Pro Forma Adjustment	Adjusted Margin Revenue	Adjusted PPFAC & Fuel Revenue	Adjusted TY Revenues	Proposed Net Revenue	Proposed Increase to Test Year Revenue		Proposed Increase to Adjusted Revenue	
										\$	%	\$	%
1	Residential Time of Use	R-70N-B	167,333	75,172	29,318	179,745	92,078	271,824	280,770	38,265	15.8%	8,947	3.3%
2	Residential Time of Use	R-70N-C	502,284	224,535	58,485	519,667	285,638	785,304	822,117	95,298	13.1%	36,812	4.7%
3	Residential Time of Use	R-70N-D	365,233	163,923	48,787	382,164	195,779	577,943	601,022	71,866	13.6%	23,079	4.0%
4	Special Residential Electric Service	R-201BF	361,409	232,252	(5,853)	333,854	253,954	587,808	716,041	122,381	20.6%	128,234	21.8%
5	Special Residential Electric Service	R-201CF	109,586	71,296	(3,653)	103,121	74,107	177,229	219,500	38,618	21.3%	42,272	23.9%
6	Special Residential Electric Service	R-201BN	39,447	25,420	3,071	39,443	28,495	67,937	80,864	15,987	24.7%	12,927	19.0%
7	Special Residential Electric Service	R-201CN	6,329	4,439	2,374	7,999	5,143	13,142	17,601	6,833	63.5%	4,460	33.9%
8	Total Lifeline Discount TOU		(42,175)	(24,160)	24,160	(42,175)	0	(42,175)	(34,007)	32,328	-48.7%	8,168	-19.4%
9	TOTAL RESIDENTIAL SERVICE TIME OF USE		\$7,282,404	\$3,938,381	\$211,746	\$7,043,984	\$4,388,547	\$11,432,531	\$13,130,111	\$1,909,326	17.0%	\$1,697,580	14.8%
10	General Service	GS-10	\$146,533,811	\$50,238,409	\$6,244,444	\$146,658,776	\$56,357,887	\$203,016,663	\$216,882,855	\$20,110,635	10.2%	\$13,866,191	6.8%
11	GS Mobile Home Parks-Frozen	GS-11F	3,602,218	1,699,598	127,795	3,587,768	1,861,843	5,429,611	6,231,026	929,210	17.5%	801,415	14.8%
12	Municipal Service	PS-40	6,571,915	3,412,958	345,683	6,571,915	3,758,541	10,330,456	12,376,706	2,391,833	24.0%	2,046,250	19.8%
13	Comm Gen Svc Community Solar	GS-03-10	0	38,884	0	0	38,884	38,884	38,884	0	0.0%	0	0.0%
14	TOTAL SMALL GENERAL SERVICE		\$156,707,943	\$55,389,849	\$6,717,823	\$156,798,459	\$62,017,156	\$218,815,615	\$235,529,471	\$23,431,679	11.0%	\$16,713,856	7.6%
15	General Service Time of Use-Frozen	GS-76F	\$7,171,252	\$3,083,861	\$362,957	\$6,970,469	\$3,647,602	\$10,618,071	\$12,529,128	\$2,274,014	22.2%	\$1,911,057	18.0%
16	General Service TOU	GS-76N	986,377	339,776	268,610	1,132,888	461,874	1,594,763	1,588,287	262,135	19.8%	(6,475)	-0.4%
17	TOTAL SMALL GENERAL SERVICE TIME OF USE		\$8,157,629	\$3,423,638	\$631,567	\$8,103,358	\$4,109,476	\$12,242,834	\$14,117,415	\$2,536,149	21.9%	\$1,904,582	15.6%
18	Interruptible Agricultural Pumping	GS-31	\$364,997	\$412,724	(5,615)	\$360,113	\$411,994	\$772,107	\$958,218	\$180,497	23.2%	\$186,111	24.1%
19	Municipal Water Pumping	PS-43.45	4,086,726	2,501,446	335,107	4,086,726	2,836,553	6,923,279	7,714,382	1,126,210	17.1%	791,103	11.4%
20	TOTAL WATER PUMPING SERVICE		\$4,451,723	\$2,914,170	\$329,493	\$4,446,839	\$3,248,547	\$7,695,386	\$8,672,601	\$1,306,707	17.7%	\$977,214	12.7%

Tucson Electric Power Company
Comparisons of Revenues by Rate Schedules
Present And Proposed Rates
Test Year Ended December 31, 2011

Line No.	Rate Schedules	Proposed Rate Schedule	Unadjusted Margin Revenue	Unadjusted PPFAC & Fuel Revenue	Pro Forma Adjustment	Adjusted Margin Revenue	Adjusted PPFAC & Fuel Revenue	Adjusted TY Revenues	Proposed Net Revenue	Proposed Increase to Test Year Revenue		Proposed Increase to Adjusted Revenue	
										\$	%	\$	%
1	Large General Service	LGS-13	\$55,658,805	\$30,816,033	\$1,711,273	\$54,952,648	\$33,233,464	\$88,186,111	\$117,089,784	\$30,594,946	35.4%	\$28,883,673	32.8%
2	Large General Service PRS	PRS-13	132,551	50,095	0	132,551	50,095	182,646	182,646	0	0.0%	0	0.0%
3	TOTAL LARGE GENERAL SERVICE		\$55,791,356	\$30,866,129	\$1,711,273	\$55,085,198	\$33,283,559	\$88,368,757	\$117,252,430	\$30,594,946	35.3%	\$28,883,673	32.7%
4	Large General Service TOU-Frozen	G.S-85F, LGS-85AF	\$2,688,076	\$1,417,213	(130,284)	\$2,446,900	\$1,528,106	\$3,975,005	\$4,109,550	\$4,261	0.1%	\$134,544	3.4%
5	Large General Service TOU	LGS-85N	4,075,155	3,556,569	3,981,528	5,977,661	5,635,592	11,613,253	13,318,160	5,686,436	74.5%	1,704,907	14.7%
6	TOTAL LARGE GENERAL SERVICE TIME OF USE		\$6,763,232	\$4,973,782	\$3,851,245	\$8,424,561	\$7,163,697	\$15,588,258	\$17,427,710	\$5,690,696	48.5%	\$1,839,452	11.8%
7	Large Light and Power	LLP-14	\$12,469,651	\$10,271,504	\$130,124	\$12,469,651	\$10,401,627	\$22,871,279	\$29,749,569	\$7,008,414	30.8%	\$6,878,290	30.1%
8	Large Light & Pwr TOU-Frozen	LLP-90F & 90AF	\$10,518,200	\$6,076,991	(1,621,102)	\$8,181,318	\$6,792,771	\$14,974,089	\$15,480,182	-\$1,115,009	-6.7%	\$506,092	3.4%
9	Large Light and Power Time of Use	LLP-90N	9,702,553	8,498,244	750,255	\$9,702,553	9,248,500	18,951,053	23,377,369	5,176,572	28.4%	4,426,316	23.4%
10	TOTAL LARGE LIGHT & POWER TIME OF USE		\$20,220,753	\$14,575,235	-\$870,846	\$17,883,872	\$16,041,271	\$33,925,142	\$38,857,551	\$4,061,563	11.7%	\$4,932,409	14.5%
11	Mines	Contract	\$31,515,193	\$30,067,880	\$720,520	\$30,374,675	\$31,928,918	\$62,303,593	\$74,206,301	\$12,623,228	20.5%	\$11,902,708	19.1%
12	Municipal Traffic Signal Street Light	PS-41, PS 47	\$1,355,302	\$787,658	\$170,889	\$1,355,302	\$838,547	\$2,293,849	\$2,693,445	\$570,485	26.9%	\$399,596	17.4%
13	Lighting	PS-50, 51, 52	1,666,880	146,159	96,617	1,666,880	242,776	1,909,657	2,577,437	764,397	42.2%	667,780	35.0%
14	TOTAL LIGHTING SERVICE		\$3,022,183	\$913,817	\$267,506	\$3,022,183	\$1,181,323	\$4,203,506	\$5,270,882	\$1,334,883	33.9%	\$1,067,376	25.4%
15	TOTAL ELECTRIC SALES		\$550,672,198	\$270,651,319	\$15,614,373	\$544,748,189	\$292,189,701	\$636,937,891	\$984,697,920	\$143,374,402	17.5%	\$127,760,029	15.3%

TUCSON ELECTRIC POWER COMPANY
COMPARISON OF PRESENT AND PROPOSED RATES
TEST YEAR ENDED DECEMBER 31, 2011

	Present Rates	Proposed Rates	Increase	
			\$	%
Residential Lifeline Service				
Customer Charge (Single Phase)	\$4.90	\$12.00	\$7.10	144.90%
Customer Charge (Three Phase)	\$12.26	\$18.00	\$5.74	46.82%
Summer				
First 500, kWh	\$0.057723	\$0.061700	\$0.00	6.89%
501 -3,500, kWh		\$0.083700	\$0.08	
>3,500 kWh		\$0.083700	\$0.08	
Winter				
First 500, kWh	\$0.053272	\$0.046700	-\$0.01	-12.34%
501 -3,500, kWh		\$0.068700	\$0.07	
>3,500 kWh		\$0.068700		
Purchase Power & Fuel Summer	\$0.033198	\$0.033075	\$0.00	-0.37%
Purchase Power & Fuel Winter	\$0.025698	\$0.030654	\$0.00	19.29%
Residential Lifeline Service TOU R-21 Frozen				
Customer Charge	\$6.86	\$15.00	\$8.14	118.66%
Summer On-peak kWh	\$0.072215	\$0.063300	-\$0.01	-12.35%
Summer Off-peak kWh	\$0.026967	\$0.061800	\$0.03	129.17%
Winter On-peak kWh	\$0.058320	\$0.048300	-\$0.01	-17.18%
Winter Off-peak kWh	\$0.029467	\$0.047300	\$0.02	60.52%
Purchase Power & Fuel				
Summer On-peak kWh	\$0.053198	\$0.038739	-\$0.01	-27.18%
Summer Off-peak kWh	\$0.023198	\$0.030187	\$0.01	30.13%
Winter On-peak kWh	\$0.040698	\$0.034305	-\$0.01	-15.71%
Winter Off-peak kWh	\$0.020698	\$0.030599	\$0.01	47.84%
Residential Lifeline Service TOU R-70 Frozen				
Customer Charge	\$6.78	\$15.00	\$8.22	121.24%
Summer On-peak	\$0.128473	\$0.063300	-\$0.07	-50.73%
Summer Shoulder-peak	\$0.068120		-\$0.07	-100.00%
Summer Off-peak	\$0.034962	\$0.061800	\$0.03	76.76%
Winter On-peak kWh	\$0.085313	\$0.048300	-\$0.04	-43.38%
Winter Off-peak kWh	\$0.022921	\$0.047300	\$0.02	106.36%
Purchase Power & Fuel				
Summer On-peak	\$0.055698	\$0.038739	-\$0.02	-30.45%
Summer Shoulder-peak	\$0.048198		-\$0.05	-100.00%
Summer Off-peak	\$0.023198	\$0.030187	\$0.01	30.13%
Winter On-peak kWh	\$0.040698	\$0.034305	-\$0.01	-15.71%
Winter Off-peak kWh	\$0.020698	\$0.030599	\$0.01	47.84%
Residential Lifeline Service R-201A Frozen				
Customer Charge	\$4.90	\$12.00	\$7.10	144.90%
Summer				
First 500, kWh	\$0.057722	\$0.055500	\$0.00	-3.85%
501 -3,500, kWh	\$0.040993	\$0.075300	\$0.03	83.69%
>3,500 kWh		\$0.075300	\$0.08	
Winter (kWh)				
First 500, kWh	\$0.038742	\$0.042000	\$0.00	8.41%
501 -3,500, kWh		\$0.061800	\$0.06	
>3,500 kWh		\$0.061800	\$0.06	
Purchase Power & Fuel				
Mid-Summer (kWh)	\$0.033198	\$0.033075	\$0.00	-0.37%
Remaining-Summer (kWh)	\$0.033198		-\$0.03	-100.00%
Winter (kWh)	\$0.025698	\$0.030654	\$0.00	19.29%

**TUCSON ELECTRIC POWER COMPANY
COMPARISON OF PRESENT AND PROPOSED RATES
TEST YEAR ENDED DECEMBER 31, 2011**

	Present Rates	Proposed Rates	Increase	
Residential Lifeline Service TOU R-201B Frozen				
Customer Charge	\$6.78	\$15.00	\$8.22	121.24%
Mid-Summer On-peak	\$0.128473	\$0.057000	-\$0.07	-55.63%
Mid-Summer Shoulder-peak	\$0.068120		-\$0.07	-100.00%
Mid-Summer Off-peak	\$0.034962	\$0.055600	\$0.02	59.03%
Remaining-Summer On-peak	\$0.090717		-\$0.09	-100.00%
Remaining-Summer Shoulder-peak	\$0.044275		-\$0.04	-100.00%
Remaining-Summer Off-peak	\$0.023038		-\$0.02	-100.00%
Winter On-peak	\$0.059481	\$0.043500	-\$0.02	-26.87%
Winter Off-peak	\$0.013975	\$0.042600	\$0.03	204.83%
Purchase Power & Fuel				
Mid-Summer On-peak	\$0.055698	\$0.038739	-\$0.02	-30.45%
Mid-Summer Shoulder-peak	\$0.048198		-\$0.05	-100.00%
Mid-Summer Off-peak	\$0.023198	\$0.030187	\$0.01	30.13%
Remaining-Summer On-peak	\$0.055698		-\$0.06	-100.00%
Remaining-Summer Shoulder-peak	\$0.048198		-\$0.05	-100.00%
Remaining-Summer Off-peak	\$0.023198		-\$0.02	-100.00%
Winter On-peak kWh	\$0.040698	\$0.034305	-\$0.01	-15.71%
Winter Off-peak kWh	\$0.020698	\$0.030599	\$0.01	47.84%
Residential Service R-01				
Customer Charge (Single Phase)	\$7.00	\$12.00	\$5.00	71.43%
Customer Charge (Three Phase)	\$13.00	\$18.00	\$5.00	38.46%
Summer				
First 500, kWh	\$0.046925	\$0.061700	\$0.01	31.49%
501 -3,500, kWh	\$0.068960	\$0.083700	\$0.01	21.37%
>3,500 kWh	\$0.088960	\$0.083700	-\$0.01	-5.91%
Winter				
First 500, kWh	\$0.047309	\$0.046700	\$0.00	-1.29%
501 -3,500, kWh	\$0.067309	\$0.068700	\$0.00	2.07%
>3,500 kWh	\$0.087309	\$0.068700	-\$0.02	-21.31%
Purchase Power & Fuel Summer	\$0.033198	\$0.033075	\$0.00	-0.37%
Purchase Power & Fuel Winter	\$0.025698	\$0.030654	\$0.00	19.29%
Residential R-02 (Special Water Heating)				
Fixed Monthly Delivery Charge	\$5.10	\$0.00	-\$5.10	-100.00%
Summer				
First 500, kWh	\$0.017298	\$0.061700	\$0.04	256.69%
501 -3,500, kWh		\$0.083700	\$0.08	
>3,500 kWh		\$0.083700	\$0.08	
Winter				
First 500, kWh	\$0.017298	\$0.046700	\$0.03	169.97%
501 -3,500, kWh		\$0.068700	\$0.07	
>3,500 kWh		\$0.068700	\$0.07	
Purchase Power & Fuel				
Summer	\$0.029448	\$0.033075	\$0.00	12.32%
Winter	\$0.029448	\$0.030654	\$0.00	4.10%
Residential Time-of-Use R-21 Frozen				
Customer Charge	\$7.00	\$15.00	\$8.00	114.29%
Summer On-peak kWh	\$0.101271	\$0.063300	-\$0.04	-37.49%
Summer Off-peak kWh	\$0.021508	\$0.061800	\$0.04	187.33%
Winter On-peak kWh	\$0.073292	\$0.048300	-\$0.02	-34.10%
Winter Off-peak kWh	\$0.021508	\$0.047300	\$0.03	119.92%
Purchase Power & Fuel				
Summer On-peak kWh	\$0.053198	\$0.038739	-\$0.01	-27.18%
Summer Off-peak kWh	\$0.023198	\$0.030187	\$0.01	30.13%
Winter On-peak kWh	\$0.040698	\$0.034305	-\$0.01	-15.71%
Winter Off-peak kWh	\$0.020698	\$0.030599	\$0.01	47.84%

TUCSON ELECTRIC POWER COMPANY
COMPARISON OF PRESENT AND PROPOSED RATES
TEST YEAR ENDED DECEMBER 31, 2011

	Present Rates	Proposed Rates	Increase	
Residential Time-of-Use R-70 Frozen				
Customer Charge	\$7.00	\$15.00	\$8.00	114.29%
Summer On-peak	\$0.174747	\$0.063300	-\$0.11	-63.78%
Summer Shoulder-peak	\$0.102823		-\$0.10	-100.00%
Summer Off-peak	\$0.041176	\$0.061800	\$0.02	50.09%
Winter On-peak kWh	\$0.025762	\$0.048300	\$0.02	87.49%
Winter Off-peak kWh	\$0.023098	\$0.047300	\$0.02	104.78%
Purchase Power & Fuel				
Summer On-peak	\$0.055698	\$0.038739	-\$0.02	-30.45%
Summer Shoulder-peak	\$0.048198		-\$0.05	-100.00%
Summer Off-peak	\$0.023198	\$0.030187	\$0.01	30.13%
Winter On-peak kWh	\$0.040698	\$0.034305	-\$0.01	-15.71%
Winter Off-peak kWh	\$0.020698	\$0.030599	\$0.01	47.84%
Residential Time-of-Use R-70N-B (Weekend Includes Shoulder)				
Customer Charge	\$8.00	\$15.00	\$7.00	87.50%
Summer On-peak				
First 500, kWh	\$0.079947	\$0.063300	-\$0.02	-20.82%
501 -3,500, kWh	\$0.096571		-\$0.10	-100.00%
>3,500 kWh	\$0.116571		-\$0.12	-100.00%
Summer Shoulder-peak				
First 500, kWh	\$0.050121		-\$0.05	-100.00%
501 -3,500, kWh	\$0.070121		-\$0.07	-100.00%
>3,500 kWh	\$0.090121		-\$0.09	-100.00%
Summer Off-peak				
First 500, kWh	\$0.041217	\$0.061800	\$0.02	49.94%
501 -3,500, kWh	\$0.057841		-\$0.06	-100.00%
>3,500 kWh	\$0.077841		-\$0.08	-100.00%
Winter On-peak				
First 500, kWh	\$0.067066	\$0.048300	-\$0.02	-27.98%
501 -3,500, kWh	\$0.085478		-\$0.09	-100.00%
>3,500 kWh	\$0.105478		-\$0.11	-100.00%
Winter Off-peak				
First 500, kWh	\$0.037066	\$0.047300	\$0.01	27.61%
501 -3,500, kWh	\$0.055478		-\$0.06	-100.00%
>3,500 kWh	\$0.075478		-\$0.08	-100.00%
Purchase Power & Fuel				
Summer On-peak	\$0.055440	\$0.038739	-\$0.02	-30.12%
Summer Shoulder-peak	\$0.034876		-\$0.03	-100.00%
Summer Off-peak	\$0.019865	\$0.030187	\$0.01	51.96%
Winter On-peak kWh	\$0.042874	\$0.034305	-\$0.01	-19.99%
Winter Off-peak kWh	\$0.025086	\$0.030599	\$0.01	21.98%
Residential Time-of-Use R-70N-C (Weekend Includes Peak)				
Customer Charge	\$8.00	\$15.00	\$7.00	87.50%
Summer On-peak				
First 500, kWh	\$0.077356	\$0.063300	-\$0.01	-18.17%
501 -3,500, kWh	\$0.096354		-\$0.10	-100.00%
>3,500 kWh	\$0.116354		-\$0.12	-100.00%
Summer Shoulder-peak				
First 500, kWh	\$0.049507		-\$0.05	-100.00%
501 -3,500, kWh	\$0.069507		-\$0.07	-100.00%
>3,500 kWh	\$0.089507		-\$0.09	-100.00%
Summer Off-peak				
First 500, kWh	\$0.038229	\$0.061800	\$0.02	61.66%
501 -3,500, kWh	\$0.057227		-\$0.06	-100.00%
>3,500 kWh	\$0.077227		-\$0.08	-100.00%
Winter On-peak				
First 500, kWh	\$0.066452	\$0.048300	-\$0.02	-27.32%
501 -3,500, kWh	\$0.084864		-\$0.08	-100.00%
>3,500 kWh	\$0.104864		-\$0.10	-100.00%
Winter Off-peak				
First 500, kWh	\$0.036452	\$0.047300	\$0.01	29.76%
501 -3,500, kWh	\$0.054864		-\$0.05	-100.00%
>3,500 kWh	\$0.074864		-\$0.07	-100.00%

**TUCSON ELECTRIC POWER COMPANY
COMPARISON OF PRESENT AND PROPOSED RATES
TEST YEAR ENDED DECEMBER 31, 2011**

	Present Rates	Proposed Rates	Increase	
Purchase Power & Fuel				
Summer On-peak	\$0.054330	\$0.038739	-\$0.02	-28.70%
Summer Shoulder-peak	\$0.034177	\$0.000000	-\$0.03	-100.00%
Summer Off-peak	\$0.019467	\$0.030187	\$0.01	55.07%
Winter On-peak kWh	\$0.042015	\$0.034305	-\$0.01	-18.35%
Winter Off-peak kWh	\$0.024585	\$0.030599	\$0.01	24.46%
Residential Time-of-Use R-70N-D (Weekend All Off-Peak)				
Customer Charge	\$8.00	\$15.00	\$7.00	87.50%
Summer On-peak				
First 500, kWh	\$0.091873	\$0.063300	-\$0.03	-31.10%
501 -3,500, kWh	\$0.107334	\$0.000000	-\$0.11	-100.00%
>3,500 kWh	\$0.127334	\$0.000000	-\$0.13	-100.00%
Summer Shoulder-peak				
First 500, kWh	\$0.049814	\$0.000000	-\$0.05	-100.00%
501 -3,500, kWh	\$0.069814	\$0.000000	-\$0.07	-100.00%
>3,500 kWh	\$0.089814	\$0.000000	-\$0.09	-100.00%
Summer Off-peak				
First 500, kWh	\$0.042073	\$0.061800	\$0.02	46.89%
501 -3,500, kWh	\$0.057534	\$0.000000	-\$0.06	-100.00%
>3,500 kWh	\$0.077534	\$0.000000	-\$0.08	-100.00%
Winter On-peak				
First 500, kWh	\$0.068737	\$0.048300	-\$0.02	-29.73%
501 -3,500, kWh	\$0.085171	\$0.000000	-\$0.09	-100.00%
>3,500 kWh	\$0.105171	\$0.000000	-\$0.11	-100.00%
Winter Off-peak				
First 500, kWh	\$0.038737	\$0.047300	\$0.01	22.11%
501 -3,500, kWh	\$0.055171	\$0.000000	-\$0.06	-100.00%
>3,500 kWh	\$0.075171	\$0.000000	-\$0.08	-100.00%
Purchase Power & Fuel				
Summer On-peak	\$0.058271	\$0.038739	-\$0.02	-33.52%
Summer Shoulder-peak	\$0.036656	\$0.000000	-\$0.04	-100.00%
Summer Off-peak	\$0.020880	\$0.030187	\$0.01	44.57%
Winter On-peak kWh	\$0.045063	\$0.034305	-\$0.01	-23.87%
Winter Off-peak kWh	\$0.026368	\$0.030599	\$0.00	16.05%
Special Residential Electric Service R-201A Frozen				
Customer Charge	\$7.00	\$12.00	\$5.00	71.43%
Mid-Summer	\$0.066139			
Remaining-Summer	\$0.044138			
First 500, kWh		\$0.055500	-\$0.01	-16.09%
501 -3,500, kWh		\$0.075300		
>3,500 kWh		\$0.075300		
Winter				
First 500, kWh	\$0.033803	\$0.042000	\$0.01	24.25%
501 -3,500, kWh		\$0.061800		
>3,500 kWh		\$0.061800		
Purchase Power & Fuel				
Summer (Mid & Remaining)	\$0.033198	\$0.033075	\$0.00	-0.37%
Winter	\$0.025698	\$0.030654	\$0.00	19.29%
Special Residential Electric Service TOU R-201B Frozen				
Customer Charge	\$7.00	\$15.00	\$8.00	114.29%
Mid-Summer On-peak	\$0.166303	\$0.057000	-\$0.11	-65.73%
Mid-Summer Shoulder-peak	\$0.093043		-\$0.09	-100.00%
Mid-Summer Off-peak	\$0.031395	\$0.055600	\$0.02	77.10%
Remaining-Summer On-peak	\$0.124945		-\$0.12	-100.00%
Remaining-Summer Shoulder-peak	\$0.067767		-\$0.07	-100.00%
Remaining-Summer Off-peak	\$0.018756		-\$0.02	-100.00%
Winter On-peak	\$0.075935	\$0.043500	-\$0.03	-42.71%
Winter Off-peak	\$0.006499	\$0.042600	\$0.04	555.49%

TUCSON ELECTRIC POWER COMPANY
COMPARISON OF PRESENT AND PROPOSED RATES
TEST YEAR ENDED DECEMBER 31, 2011

	Present Rates	Proposed Rates	Increase	
Purchase Power & Fuel				
Mid-Summer On-peak	\$0.055698	\$0.038739	-\$0.02	-30.45%
Mid-Summer Shoulder-peak	\$0.048198		-\$0.05	-100.00%
Mid-Summer Off-peak	\$0.023198	\$0.030187	\$0.01	30.13%
Remaining-Summer On-peak	\$0.055698		-\$0.06	-100.00%
Remaining-Summer Shoulder-peak	\$0.048198		-\$0.05	-100.00%
Remaining-Summer Off-peak	\$0.023198		-\$0.02	-100.00%
Winter On-peak kWh	\$0.040698	\$0.034305	-\$0.01	-15.71%
Winter Off-peak kWh	\$0.020698	\$0.030599	\$0.01	47.84%
Special Residential Electric Service TOU-Solr R-201C.Frozen				
Customer Charge	\$7.00	\$15.00	\$8.00	114.29%
Mid-Summer On-peak	\$0.161981	\$0.057000	-\$0.10	-64.81%
Mid-Summer Shoulder-peak	\$0.090057		-\$0.09	-100.00%
Mid-Summer Off-peak	\$0.028409	\$0.055600	\$0.03	95.71%
Remaining-Summer On-peak	\$0.112200		-\$0.11	-100.00%
Remaining-Summer Shoulder-peak	\$0.058618		-\$0.06	-100.00%
Remaining-Summer Off-peak	\$0.012688		-\$0.01	-100.00%
Winter On-peak	\$0.066272	\$0.043500	-\$0.02	-34.36%
Winter Off-peak	\$0.001201	\$0.042600	\$0.04	3447.04%
Purchase Power & Fuel				
Mid-Summer On-peak	\$0.055698	\$0.038739	-\$0.02	-30.45%
Mid-Summer Shoulder-peak	\$0.048198		-\$0.05	-100.00%
Mid-Summer Off-peak	\$0.023198	\$0.030187	\$0.01	30.13%
Remaining-Summer On-peak	\$0.055698		-\$0.06	-100.00%
Remaining-Summer Shoulder-peak	\$0.048198		-\$0.05	-100.00%
Remaining-Summer Off-peak	\$0.023198		-\$0.02	-100.00%
Winter On-peak kWh	\$0.040698	\$0.034305	-\$0.01	-15.71%
Winter Off-peak kWh	\$0.020698	\$0.030599	\$0.01	47.84%
Special Residential Electric Service R-201AN				
Customer Charge	\$7.00	\$12.00	\$5.00	71.43%
Mid-Summer				
First 500, kWh	\$0.065598	\$0.055500	-\$0.01	-15.39%
501 -3,500, kWh	\$0.085598	\$0.075300	-\$0.01	-12.03%
>3,500 kWh	\$0.105598	\$0.075300	-\$0.03	-28.69%
Remaining-Summer				
First 500, kWh	\$0.022737		-\$0.02	-100.00%
501 -3,500, kWh	\$0.042737		-\$0.04	-100.00%
>3,500 kWh	\$0.062737		-\$0.06	-100.00%
Winter				
First 500, kWh	\$0.020737	\$0.042000	\$0.02	102.54%
501 -3,500, kWh	\$0.040737	\$0.061800	\$0.02	51.70%
>3,500 kWh	\$0.060737	\$0.061800	\$0.00	1.75%
Purchase Power & Fuel				
Mid-Summer	\$0.043166	\$0.033075	-\$0.01	-23.38%
Remaining-Summer	\$0.023166		-\$0.02	-100.00%
Winter	\$0.027033	\$0.030654	\$0.00	13.39%
Special Residential Electric Service TOU R-201BN				
Customer Charge	\$8.00	\$15.00	\$7.00	87.50%
Mid-Summer On-peak				
First 500, kWh	\$0.110962	\$0.057000	-\$0.05	-48.63%
501 -3,500, kWh	\$0.130962		-\$0.13	-100.00%
>3,500 kWh	\$0.150962		-\$0.15	-100.00%
Mid-Summer Shoulder-peak				
First 500, kWh	\$0.043962		-\$0.04	-100.00%
501 -3,500, kWh	\$0.063962		-\$0.06	-100.00%
>3,500 kWh	\$0.083962		-\$0.08	-100.00%
Mid-Summer Off-peak				
First 500, kWh	\$0.020362	\$0.055600	\$0.04	173.06%
501 -3,500, kWh	\$0.040362		-\$0.04	-100.00%
>3,500 kWh	\$0.060362		-\$0.06	-100.00%

TUCSON ELECTRIC POWER COMPANY
COMPARISON OF PRESENT AND PROPOSED RATES
TEST YEAR ENDED DECEMBER 31, 2011

	Present Rates	Proposed Rates	Increase	
Remaining-Summer On-peak				
First 500, kWh	\$0.047962		-\$0.05	-100.00%
501 -3,500, kWh	\$0.067962		-\$0.07	-100.00%
>3,500 kWh	\$0.087962		-\$0.09	-100.00%
Remaining-Summer Shoulder-peak				
First 500, kWh	\$0.024162		-\$0.02	-100.00%
501 -3,500, kWh	\$0.044162		-\$0.04	-100.00%
>3,500 kWh	\$0.064162		-\$0.06	-100.00%
Remaining-Summer Off-peak				
First 500, kWh	\$0.016462		-\$0.02	-100.00%
501 -3,500, kWh	\$0.036462		-\$0.04	-100.00%
>3,500 kWh	\$0.056462		-\$0.06	-100.00%
Winter On-peak kWh				
First 500, kWh	\$0.047962	\$0.043500	\$0.00	-9.30%
501 -3,500, kWh	\$0.067962		-\$0.07	-100.00%
>3,500 kWh	\$0.087962		-\$0.09	-100.00%
Winter Off-peak				
First 500, kWh	\$0.016462	\$0.042600	\$0.03	158.78%
501 -3,500, kWh	\$0.036462		-\$0.04	-100.00%
>3,500 kWh	\$0.056462		-\$0.06	-100.00%
Purchase Power & Fuel				
Mid-Summer On-peak	\$0.077356	\$0.038739	-\$0.04	-49.92%
Mid-Summer Shoulder-peak	\$0.038166		-\$0.04	-100.00%
Mid-Summer Off-peak	\$0.033166	\$0.030187	\$0.00	-8.98%
Remaining-Summer On-peak	\$0.057356		-\$0.06	-100.00%
Remaining-Summer Shoulder-peak	\$0.018166		-\$0.02	-100.00%
Remaining-Summer Off-peak	\$0.013166		-\$0.01	-100.00%
Winter On-peak kWh	\$0.061223	\$0.034305	-\$0.03	-43.97%
Winter Off-peak kWh	\$0.017033	\$0.030599	\$0.01	79.65%
Special Residential Electric Service TOU R-201CN				
Customer Charge	\$8.00	\$15.00	\$7.00	87.50%
Mid-Summer On-peak				
First 500, kWh	\$0.099462	\$0.057000	-\$0.04	-42.69%
501 -3,500, kWh	\$0.117162		-\$0.12	-100.00%
>3,500 kWh	\$0.134862		-\$0.13	-100.00%
Mid-Summer Shoulder-peak				
First 500, kWh	\$0.040512		-\$0.04	-100.00%
501 -3,500, kWh	\$0.058212		-\$0.06	-100.00%
>3,500 kWh	\$0.075912		-\$0.08	-100.00%
Mid-Summer Off-peak				
First 500, kWh	\$0.019626	\$0.055600	\$0.04	183.30%
501 -3,500, kWh	\$0.037326		-\$0.04	-100.00%
>3,500 kWh	\$0.055026		-\$0.06	-100.00%
Remaining-Summer On-peak				
First 500, kWh	\$0.044052		-\$0.04	-100.00%
501 -3,500, kWh	\$0.061752		-\$0.06	-100.00%
>3,500 kWh	\$0.079452		-\$0.08	-100.00%
Remaining-Summer Shoulder-peak				
First 500, kWh	\$0.022989		-\$0.02	-100.00%
501 -3,500, kWh	\$0.040689		-\$0.04	-100.00%
>3,500 kWh	\$0.058389		-\$0.06	-100.00%
Remaining-Summer Off-peak				
First 500, kWh	\$0.016175		-\$0.02	-100.00%
501 -3,500, kWh	\$0.033875		-\$0.03	-100.00%
>3,500 kWh	\$0.051575		-\$0.05	-100.00%
Winter On-peak kWh				
First 500, kWh	\$0.044052	\$0.043500	\$0.00	-1.25%
501 -3,500, kWh	\$0.061752		-\$0.06	-100.00%
>3,500 kWh	\$0.079452		-\$0.08	-100.00%
Winter Off-peak				
First 500, kWh	\$0.016175	\$0.042600	\$0.03	163.37%
501 -3,500, kWh	\$0.033875		-\$0.03	-100.00%
>3,500 kWh	\$0.051575		-\$0.05	-100.00%

TUCSON ELECTRIC POWER COMPANY
COMPARISON OF PRESENT AND PROPOSED RATES
TEST YEAR ENDED DECEMBER 31, 2011

	Present Rates	Proposed Rates	Increase	
Purchase Power & Fuel				
Mid-Summer On-peak	\$0.078903	\$0.038739	-\$0.04	-50.90%
Mid-Summer Shoulder-peak	\$0.038929		-\$0.04	-100.00%
Mid-Summer Off-peak	\$0.033829	\$0.030187	\$0.00	-10.77%
Remaining-Summer On-peak	\$0.058503		-\$0.06	-100.00%
Remaining-Summer Shoulder-peak	\$0.018529		-\$0.02	-100.00%
Remaining-Summer Off-peak	\$0.013429		-\$0.01	-100.00%
Winter On-peak kWh	\$0.062447	\$0.034305	-\$0.03	-45.07%
Winter Off-peak kWh	\$0.017374	\$0.030599	\$0.01	76.12%
Small General Service SGS-10				
Customer Charge (Single Phase)	\$8.00	\$18.00	\$10.00	125.00%
Customer Charge (Three Phase)	\$14.00	\$24.00	\$10.00	71.43%
Summer				
First 500, kWh	\$0.056236	\$0.076300	\$0.02	35.68%
>500, kWh	\$0.085145	\$0.097700	\$0.01	14.75%
Winter				
First 500, kWh	\$0.051252	\$0.056300	\$0.01	9.85%
>500, kWh	\$0.080145	\$0.078300	\$0.00	-2.30%
Purchase Power & Fuel Summer	\$0.031550	\$0.033075	\$0.00	4.83%
Purchase Power & Fuel Winter	\$0.024222	\$0.030654	\$0.01	26.55%
Municipal Service PS-40				
Customer Charge	\$0.00	\$18.00	\$18.00	100.00%
Summer Delivery				
First 500, kWh	\$0.057530	\$0.076300	\$0.02	32.63%
501 -3,500, kWh		\$0.097700		
Winter Delivery				
First 500, kWh	\$0.053159	\$0.056300	\$0.00	5.91%
501 -3,500, kWh		\$0.078300		
Purchase Power & Fuel Summer	\$0.032245	\$0.033075	\$0.00	2.57%
Purchase Power & Fuel Winter	\$0.024745	\$0.030654	\$0.01	23.88%
Municipal Water Pumping Service PS-43 (Firm Service)				
Customer Charge	\$0.00	\$18.00		
Summer Delivery	\$0.060347	\$0.0759	\$0.02	25.77%
Winter Delivery	\$0.055731	\$0.0559	\$0.00	0.30%
Purchase Power & Fuel Summer	\$0.029868	\$0.033075	\$0.00	10.74%
Purchase Power & Fuel Winter	\$0.022368	\$0.030654	\$0.01	37.04%
Interruptible Agricultural Pumping C-31				
Customer Charge	\$0.00	\$18.00		
Summer (all kWh)	\$0.025700	\$0.044500	\$0.02	73.15%
Winter (all kWh)	\$0.024205	\$0.024500	\$0.00	1.22%
Purchase Power & Fuel Summer	\$0.028730	\$0.029768	\$0.00	3.61%
Purchase Power & Fuel Winter	\$0.028730	\$0.027589	\$0.00	-3.97%
Municipal Water Pumping Service PS-45 (Interruptible)				
Customer Charge	\$0.00	\$18.00		
Summer Delivery	\$0.027281	\$0.044500	\$0.02	63.12%
Winter Delivery	\$0.025911	\$0.024500	\$0.00	-5.45%
Purchase Power & Fuel Summer	\$0.029868	\$0.029768	\$0.00	-0.33%
Purchase Power & Fuel Winter	\$0.022368	\$0.027589	\$0.01	23.34%
Mobile Home Park Service C-11				
Customer Charge	\$8.00	\$18.00	\$10.00	125.00%
Customer Charge (Three Phase)	\$14.00	\$24.00	\$10.00	71.43%
Summer (all kWh)	\$0.067290	\$0.084200	\$0.02	25.13%
Winter (all kWh)	\$0.052751	\$0.064200	\$0.01	21.70%
Purchase Power & Fuel Summer	\$0.028730	\$0.033075	\$0.00	15.12%
Purchase Power & Fuel Winter	\$0.028730	\$0.030654	\$0.00	6.70%

TUCSON ELECTRIC POWER COMPANY
COMPARISON OF PRESENT AND PROPOSED RATES
TEST YEAR ENDED DECEMBER 31, 2011

	Present Rates	Proposed Rates		Increase
Small General Service Time of Use SGS-76 Frozen				
Customer Charge	\$8.00	\$21.00	\$13.00	162.50%
Summer On-peak	\$0.207220	\$0.095400	-\$0.11	-53.96%
Summer Shoulder-peak	\$0.119884		-\$0.12	-100.00%
Summer Off-peak	\$0.042825	\$0.085400	\$0.04	99.42%
Winter On-peak kWh	\$0.130159	\$0.074900	-\$0.06	-42.45%
Winter Off-peak kWh	\$0.027411	\$0.064900	\$0.04	136.77%
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.056123	\$0.038739	-\$0.02	-30.97%
Summer Shoulder-peak	\$0.056123		-\$0.06	-100.00%
Summer Off-peak	\$0.023623	\$0.030187	\$0.01	27.79%
Winter On-peak kWh	\$0.038809	\$0.034305	\$0.00	-11.61%
Winter Off-peak kWh	\$0.018809	\$0.030599	\$0.01	62.68%
Small General Service Time of Use SGS-76N				
Customer Charge	\$9.00	\$21.00	\$12.00	133.33%
Summer On-peak				
First 500, kWh	\$0.153751	\$0.095400	-\$0.06	-37.95%
>500, kWh	\$0.182660		-\$0.18	-100.00%
Summer Shoulder-peak				
First 500, kWh	\$0.041416		-\$0.04	-100.00%
>500, kWh	\$0.070325		-\$0.07	-100.00%
Summer Off-peak				
First 500, kWh	\$0.027416	\$0.085400	\$0.06	211.50%
>500, kWh	\$0.056325		-\$0.06	-100.00%
Winter On-peak kWh				
First 500, kWh	\$0.088434	\$0.074900	-\$0.01	-15.30%
>500, kWh	\$0.117327		-\$0.12	-100.00%
Winter Off-peak				
First 500, kWh	\$0.027415	\$0.064900	\$0.04	136.73%
>500, kWh	\$0.056308		-\$0.06	-100.00%
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.052000	\$0.038739	-\$0.01	-25.50%
Summer Shoulder-peak	\$0.032000		-\$0.03	-100.00%
Summer Off-peak	\$0.022000	\$0.030187	\$0.01	37.21%
Winter On-peak kWh	\$0.032000	\$0.034305	\$0.00	7.20%
Winter Off-peak kWh	\$0.022000	\$0.030599	\$0.01	39.09%
Large General Service Time of Use LGS-85AF Frozen				
Customer Charge	\$371.88	\$1,100.00	\$728.12	195.79%
Demand				
Summer On-peak kW	\$7.95	\$20.00	\$12.05	151.57%
Summer Shoulder-peak kW	\$5.26		-\$5.26	-100.00%
Summer Off-peak kW	\$3.98		-\$3.98	-100.00%
Winter On-peak kWh	\$5.26	\$18.00	\$12.74	242.36%
Winter Off-peak kW	\$2.63		-\$2.63	-100.00%
Energy				
Summer On-peak kWh	\$0.053290	\$0.004500	-\$0.05	-91.56%
Summer Shoulder-peak kWh	\$0.044980		-\$0.04	-100.00%
Summer Off-peak kWh	\$0.036667	\$0.003700	-\$0.03	-89.91%
Winter On-peak kWh	\$0.044980	\$0.002900	-\$0.04	-93.55%
Winter Off-peak kWh	\$0.028356	\$0.002000	-\$0.03	-92.95%
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.056452	\$0.038739	-\$0.02	-31.38%
Summer Shoulder-peak	\$0.056452		-\$0.06	-100.00%
Summer Off-peak	\$0.023952	\$0.030187	\$0.01	26.03%
Winter On-peak kWh	\$0.039341	\$0.034305	-\$0.01	-12.80%
Winter Off-peak kWh	\$0.019341	\$0.030599	\$0.01	58.21%

**TUCSON ELECTRIC POWER COMPANY
COMPARISON OF PRESENT AND PROPOSED RATES
TEST YEAR ENDED DECEMBER 31, 2011**

	Present Rates	Proposed Rates	Increase	
Large General Service Time of Use LGS-85F Frozen				
Customer Charge	\$371.88	\$1,100.00	\$728.12	195.79%
Summer On-peak kW	\$17.32	\$20.00	\$2.68	15.47%
Summer Shoulder-peak kW	\$8.66		-\$8.66	-100.00%
Summer Off-peak kW	\$11.46		-\$11.46	-100.00%
Wintr On-peak kW	\$9.65	\$18.00	\$8.35	86.61%
Winter Off-peak kW	\$4.82		-\$4.82	-100.00%
Energy				
Summer On-peak kWh	\$0.083765	\$0.004500	-\$0.08	-94.63%
Summer Shoulder-peak kWh	\$0.053910		-\$0.05	-100.00%
Summer Off-peak kWh	\$0.005693	\$0.003700	\$0.00	-35.01%
Winter On-peak kWh	\$0.053910	\$0.002900	-\$0.05	-94.62%
Winter Off-peak kWh	\$0.005693	\$0.002000	\$0.00	-64.87%
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.056452	\$0.038739	-\$0.02	-31.38%
Summer Shoulder-peak	\$0.056452		-\$0.06	-100.00%
Summer Off-peak	\$0.023952	\$0.030187	\$0.01	26.03%
Winter On-peak kWh	\$0.039341	\$0.034305	-\$0.01	-12.80%
Winter Off-peak kWh	\$0.019341	\$0.030599	\$0.01	58.21%
Large General Service Time of Use LGS-85N				
Customer Charge	\$371.88	\$1,100.00	\$728.12	195.79%
Demand				
Summer On-peak kW	\$11.87	\$20.00	\$8.13	68.51%
Summer Off-peak kW	\$8.24		-\$8.24	-100.00%
Wintr On-peak kW	\$8.91	\$18.00	\$9.09	102.07%
Winter Off-peak kW	\$6.42		-\$6.42	-100.00%
Energy				
Summer On-peak kWh	\$0.007500	\$0.004500	\$0.00	-40.00%
Summer Shoulder-peak kWh	\$0.005000		-\$0.01	-100.00%
Summer Off-peak kWh	\$0.002500	\$0.003700	\$0.00	48.00%
Winter On-peak kWh	\$0.002500	\$0.002900	\$0.00	16.00%
Winter Off-peak kWh	\$0.000000	\$0.002000		
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.059253	\$0.038739	-\$0.02	-34.62%
Summer Shoulder-peak	\$0.033588		-\$0.03	-100.00%
Summer Off-peak	\$0.025299	\$0.030187	\$0.00	19.32%
Winter On-peak kWh	\$0.036088	\$0.034305	\$0.00	-4.94%
Winter Off-peak kWh	\$0.027799	\$0.030599	\$0.00	10.07%
Large General Service I-13				
Customer Charge	\$371.88	\$900.00	\$528.12	142.01%
Demand				
Summer kW	\$10.35	\$21.00	\$10.65	102.86%
Energy				
Summer kWh	\$0.025656	\$0.009100	-\$0.02	-64.53%
Winter kWh	\$0.023910	\$0.008700	-\$0.02	-63.61%
<u>Purchase Power & Fuel</u>				
Purchase Power & Fuel Summer	\$0.032554	\$0.033075	\$0.00	1.60%
Purchase Power & Fuel Winter	\$0.025054	\$0.030654	\$0.01	22.35%
Large Light & Power I-14				
Customer Charge	\$500.00	\$2,000.00	\$1,500.00	300.00%
All Demand kW	\$19.02	\$21.00	\$1.98	10.39%
Energy				
Summer kWh	\$0.000433	\$0.009000	\$0.01	1978.52%
Winter kWh	\$0.000433	\$0.008000	\$0.01	1747.58%
<u>Purchase Power & Fuel</u>				
Purchase Power & Fuel Summer	\$0.032577	0.030795	\$0.00	-5.47%
Purchase Power & Fuel Winter	\$0.025077	0.028540	\$0.00	13.81%

TUCSON ELECTRIC POWER COMPANY
COMPARISON OF PRESENT AND PROPOSED RATES
TEST YEAR ENDED DECEMBER 31, 2011

	Present Rates	Proposed Rates		Increase
Large Light & Power Time of Use I-90F Frozen				
Customer Charge	\$500.00	\$2,200.00	\$1,700.00	340.00%
Demand				
Summer On-peak kW	\$25.70	\$22.00	-\$3.70	-14.40%
Summer Shoulder-peak kW	\$19.45		-\$19.45	-100.00%
Summer Off-peak kW	\$13.20		-\$13.20	-100.00%
Wint'r On-peak kW	\$21.70	\$19.00	-\$2.70	-12.45%
Wint'r Off-peak kW	\$9.20		-\$9.20	-100.00%
Energy				
Summer On-peak kWh	\$0.000433	\$0.006100	\$0.01	1308.78%
Summer Shoulder-peak kWh	\$0.000433		\$0.00	-100.00%
Summer Off-peak kWh	\$0.000433	\$0.005100	\$0.00	1077.83%
Winter On-peak kWh	\$0.000433	\$0.005600	\$0.01	1193.30%
Winter Off-peak kWh	\$0.000433	\$0.004600	\$0.00	962.36%
Purchase Power & Fuel				
Summer On-peak	\$0.052983	\$0.034837	-\$0.02	-34.25%
Summer Shoulder-peak	\$0.052983		-\$0.05	-100.00%
Summer Off-peak	\$0.020483	\$0.027146	\$0.01	32.53%
Winter On-peak kWh	\$0.035623	\$0.030849	\$0.00	-13.40%
Winter Off-peak kWh	\$0.015623	\$0.027517	\$0.01	76.13%
Large Light & Power Time of Use I-90AF Frozen				
Customer Charge	\$500.00	\$2,200.00	\$1,700.00	340.00%
Demand				
Summer On-peak kW	\$25.58	\$22.00	-\$3.58	-14.00%
Summer Shoulder-peak kW	\$18.08		-\$18.08	-100.00%
Summer Off-peak kW	\$10.58		-\$10.58	-100.00%
Wint'r On-peak kW	\$21.58	\$19.00	-\$2.58	-11.96%
Wint'r Off-peak kW	\$10.58		-\$10.58	-100.00%
Energy				
Summer On-peak kWh	\$0.006203	\$0.006100	\$0.00	-1.66%
Summer Shoulder-peak kWh	\$0.006203	\$0.000000	-\$0.01	-100.00%
Summer Off-peak kWh	\$0.006203	\$0.005100	\$0.00	-17.78%
Winter On-peak kWh	\$0.006203	\$0.005600	\$0.00	-9.72%
Winter Off-peak kWh	\$0.006203	\$0.004600	\$0.00	-25.84%
Purchase Power & Fuel				
Summer On-peak	\$0.052983	\$0.034837	-\$0.02	-34.25%
Summer Shoulder-peak	\$0.052983		-\$0.05	-100.00%
Summer Off-peak	\$0.020483	\$0.027146	\$0.01	32.53%
Winter On-peak kWh	\$0.035623	\$0.030849	\$0.00	-13.40%
Winter Off-peak kWh	\$0.015623	\$0.027517	\$0.01	76.13%
Large Light & Power Time of Use I-90N				
Customer Charge	\$500.00	\$2,200.00	\$1,700.00	340.00%
Demand				
Summer On-peak kW	\$20.03	\$22.00	\$1.97	9.84%
Summer Off-peak kW	\$10.03		-\$10.03	-100.00%
Wint'r On-peak kW	\$15.03	\$19.00	\$3.97	26.41%
Wint'r Off-peak kW	\$7.53		-\$7.53	-100.00%
Energy				
Summer On-peak kWh	\$0.001113	\$0.006100	\$0.00	448.07%
Summer Shoulder-peak kWh	\$0.001113		\$0.00	-100.00%
Summer Off-peak kWh	\$0.000716	\$0.005100	\$0.00	612.29%
Winter On-peak kWh	\$0.000723	\$0.005600	\$0.00	674.55%
Winter Off-peak kWh	\$0.000521	\$0.004600	\$0.00	782.92%
Purchase Power & Fuel				
Summer On-peak	\$0.041786	\$0.034837	-\$0.01	-16.63%
Summer Shoulder-peak	\$0.041786		-\$0.04	-100.00%
Summer Off-peak	\$0.026872	\$0.027146	\$0.00	1.02%
Winter On-peak kWh	\$0.027126	\$0.030849	\$0.00	13.72%
Winter Off-peak kWh	\$0.019542	\$0.027517	\$0.01	40.81%

TUCSON ELECTRIC POWER COMPANY
COMPARISON OF PRESENT AND PROPOSED RATES
TEST YEAR ENDED DECEMBER 31, 2011

	Present Rates	Proposed Rates	Increase	
MINING				
Customer Charge	\$500.00	\$2,200.00	\$1,700.00	340.00%
Demand				
Summer On-peak kW	\$20.03	\$22.00	\$1.97	9.84%
Summer Off-peak kW	\$10.03		-\$10.03	-100.00%
Winter On-peak kW	\$15.03	\$19.00	\$3.97	26.41%
Winter Off-peak kW	\$7.53		-\$7.53	-100.00%
Energy				
Summer On-peak kWh	\$0.001113	\$0.006100	\$0.00	448.07%
Summer Shoulder-peak kWh	\$0.001113	\$0.000000	\$0.00	-100.00%
Summer Off-peak kWh	\$0.000716	\$0.005100	\$0.00	612.29%
Winter On-peak kWh	\$0.000723	\$0.005600	\$0.00	674.55%
Winter Off-peak kWh	\$0.000521	\$0.004600	\$0.00	782.92%
Power Factor Adjustment				
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.041786	\$0.034837	-\$0.01	-16.63%
Summer Shoulder-peak	\$0.041786		-\$0.04	-100.00%
Summer Off-peak	\$0.026872	\$0.027146	\$0.00	1.02%
Winter On-peak kWh	\$0.027126	\$0.030849	\$0.00	13.72%
Winter Off-peak kWh	\$0.019542	\$0.027517	\$0.01	40.81%
Traffic Signal and Street Light Service PS-41				
Customer Charge	\$0.00	\$0.00	\$0.00	
Summer	\$0.045580	\$0.071500	\$0.03	56.87%
Winter	\$0.045580	\$0.051500	\$0.01	12.99%
PPFAC SUMMER	\$0.025817	\$0.033075	\$0.01	28.11%
PPFAC WINTER	\$0.025817	\$0.030654	\$0.00	18.74%
Lighting Service				
55Watt	\$7.39	\$10.35	\$2.96	40.05%
70Watt	\$7.39	\$10.35	\$2.96	40.05%
100 Watt	\$7.39	\$10.35	\$2.96	40.05%
250 Watt	\$11.09	\$15.53	\$4.44	40.01%
400 Watt	\$17.11	\$23.96	\$6.85	40.01%
Underground Service	\$14.01	\$19.63	\$5.62	40.07%
Pole	\$2.58	\$3.62	\$1.04	40.20%
<u>Purchase Power & Fuel</u>				
55Watt	\$0.42700		-\$0.43	-100.00%
70Watt	\$0.54300		-\$0.54	-100.00%
100 Watt	\$0.77600		-\$0.78	-100.00%
250 Watt	\$1.94000	summer \$0.033075	-\$1.91	-98.30%
400 Watt	\$3.10400	winter \$0.030654	-\$3.07	-99.01%

		Present Rates	Proposed Rates		
Residential Lifeline Service R-01				% Discount	-25.00%
Summer				Flat Discount	(\$10.00)
Customer Charge		\$4.90	\$12.00		
First 500, kWh or all kWh		\$0.057723	\$0.061700		
501 -3,500, kWh			\$0.083700		
Purchase Power & Fuel		\$0.033198	\$0.033075		

Monthly KWH Usage	Present Bill	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	\$32.18	\$40.43	\$8.26	25.66%
600	\$59.45	\$71.07	\$11.61	19.53%
800	\$77.64	\$94.42	\$16.78	21.62%
1,000	\$95.82	\$117.78	\$21.95	22.91%
1,500	\$141.28	\$176.16	\$34.88	24.69%
2,001	\$186.83	\$234.67	\$47.83	25.60%

R-04-01 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$20.91	-25%	\$33.32	\$12.41	59.34%
600	30%	\$41.62	-25%	\$56.30	\$14.68	35.28%
800	25%	\$58.23	-25%	\$73.82	\$15.59	26.77%
1,000	25%	\$71.87	-25%	\$91.33	\$19.47	27.09%
1,500	15%	\$120.09	-25%	\$135.12	\$15.03	12.52%
2,001	0%	\$186.83	-25%	\$179.00	(\$7.83)	-4.19%

R-05-01 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	25%	\$24.13	-25%	\$33.32	\$9.19	38.09%
600	20%	\$47.56	-25%	\$56.30	\$8.74	18.37%
800	15%	\$65.99	-25%	\$73.82	\$7.82	11.86%
1,000	15%	\$81.45	-25%	\$91.33	\$9.88	12.13%
1,500	0%	\$141.28	-25%	\$135.12	(\$6.16)	-4.36%
2,001	0%	\$186.83	-25%	\$179.00	(\$7.83)	-4.19%

R-06-01 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	\$8.00	\$24.18	(\$10.00)	\$30.43	\$6.26	25.88%
600	\$8.00	\$51.45	(\$10.00)	\$61.07	\$9.61	18.68%
800	\$8.00	\$69.64	(\$10.00)	\$84.42	\$14.78	21.23%
1,000	\$8.00	\$87.82	(\$10.00)	\$107.78	\$19.95	22.72%
1,500	\$8.00	\$133.28	(\$10.00)	\$166.16	\$32.88	24.67%
2,001	\$8.00	\$178.83	(\$10.00)	\$224.67	\$45.83	25.63%

R-08-01 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$20.91	-25%	\$33.32	\$12.41	59.34%
600	35%	\$38.64	-25%	\$56.30	\$17.65	45.68%
800	35%	\$50.46	-25%	\$73.82	\$23.35	46.27%
1,000	35%	\$62.28	-25%	\$91.33	\$29.05	46.64%
1,500	30%	\$98.90	-25%	\$135.12	\$36.22	36.63%
2,001	10%	\$168.15	-25%	\$179.00	\$10.85	6.45%

Present Rates		Proposed Rates				
Residential Lifeline Service R-01						
Winter						
Customer Charge	\$4.90		\$12.00			
First 500, kWh or all kWh	\$0.053272		\$0.046700			
501 -3,500, kWh			\$0.068700			
Purchase Power & Fuel	\$0.033198		\$0.030654			
Monthly KWH Usage	Present Bill	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)		
300	30.84	35.21	\$4.37	14.15%		
600	56.78	60.61	\$3.83	6.75%		
800	74.08	80.48	\$6.41	8.65%		
1,000	91.37	100.35	\$8.98	9.83%		
1,500	134.61	150.03	\$15.43	11.46%		
2,001	177.93	199.81	\$21.88	12.30%		
R-04-01 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$20.05	-25%	\$29.40	\$9.36	46.68%
600	30%	\$39.75	-25%	\$48.46	\$8.71	21.92%
800	25%	\$55.56	-25%	\$63.36	\$7.81	14.05%
1,000	25%	\$68.53	-25%	\$78.27	\$9.74	14.21%
1,500	15%	\$114.41	-25%	\$115.52	\$1.11	0.97%
2,001	0%	\$177.93	-25%	\$152.86	(\$25.07)	-14.09%
R-05-01 with Discount						
Monthly KWH Usage		Present Bill		Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	25%	\$23.13	-25%	\$29.40	\$6.27	27.12%
600	20%	\$45.43	-25%	\$48.46	\$3.03	6.68%
800	15%	\$62.96	-25%	\$63.36	\$0.40	0.63%
1,000	15%	\$77.66	-25%	\$78.27	\$0.60	0.77%
1,500	0%	\$134.61	-25%	\$115.52	(\$19.08)	-14.18%
2,001	0%	\$177.93	-25%	\$152.86	(\$25.07)	-14.09%
R-06-01 with Discount						
Monthly KWH Usage		Present Bill		Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	\$8.00	\$22.84	(\$10.00)	\$25.21	\$2.37	10.36%
600	\$8.00	\$48.78	(\$10.00)	\$50.61	\$1.83	3.75%
800	\$8.00	\$66.08	(\$10.00)	\$70.48	\$4.41	6.67%
1,000	\$8.00	\$83.37	(\$10.00)	\$90.35	\$6.98	8.38%
1,500	\$8.00	\$126.61	(\$10.00)	\$140.03	\$13.43	10.60%
2,001	\$8.00	\$169.93	(\$10.00)	\$189.81	\$19.88	11.70%
R-08-01 with Discount						
Monthly KWH Usage		Present Bill		Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$20.05	-25%	\$29.40	\$9.36	46.68%
600	35%	\$36.91	-25%	\$48.46	\$11.55	31.30%
800	35%	\$48.15	-25%	\$63.36	\$15.21	31.60%
1,000	35%	\$59.39	-25%	\$78.27	\$18.88	31.78%
1,500	30%	\$94.22	-25%	\$115.52	\$21.30	22.61%
2,001	10%	\$160.13	-25%	\$152.86	(\$7.28)	-4.55%

Present Rates		Proposed Rates	
Residential Lifeline Service TOU R-21 Frozen			
Customer Charge	\$6.86		\$15.00
Summer On-peak kWh	\$0.072215	35.00%	\$0.063300 35.00%
Summer Off-peak kWh	\$0.026967	65.00%	\$0.061800 65.00%
Purchase Power & Fuel			
Summer On-peak kWh	\$0.053198		\$0.038739
Summer Off-peak kWh	\$0.023198		\$0.030187

Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
300	\$29.81	\$43.65	\$13.84	46.43%
600	\$52.76	\$72.30	\$19.54	37.04%
800	\$68.06	\$91.40	\$23.34	34.30%
1,000	\$83.36	\$110.51	\$27.14	32.56%
1,500	\$121.61	\$158.26	\$36.65	30.13%
2,001	\$159.94	\$206.11	\$46.17	28.86%

R-04-21 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$19.38	-25%	\$36.49	\$17.11	88.31%
600	30%	\$36.93	-25%	\$57.98	\$21.04	56.98%
800	25%	\$51.05	-25%	\$72.30	\$21.26	41.64%
1,000	25%	\$62.52	-25%	\$86.63	\$24.11	38.56%
1,500	15%	\$103.37	-25%	\$122.44	\$19.07	18.45%
2,001	0%	\$159.94	-25%	\$158.33	(\$1.61)	-1.01%

R-05-21 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	25%	\$22.36	-25%	\$36.49	\$14.13	63.20%
600	20%	\$42.21	-25%	\$57.98	\$15.77	37.36%
800	15%	\$57.85	-25%	\$72.30	\$14.45	24.98%
1,000	15%	\$70.86	-25%	\$86.63	\$15.77	22.26%
1,500	0%	\$121.61	-25%	\$122.44	\$0.83	0.68%
2,001	0%	\$159.94	-25%	\$158.33	(\$1.61)	-1.01%

R-06-21 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	\$8.00	\$21.81	(\$10.00)	\$33.65	\$11.84	54.29%
600	\$8.00	\$44.76	(\$10.00)	\$62.30	\$17.54	39.19%
800	\$8.00	\$60.06	(\$10.00)	\$81.40	\$21.34	35.53%
1,000	\$8.00	\$75.36	(\$10.00)	\$100.51	\$25.14	33.36%
1,500	\$8.00	\$113.61	(\$10.00)	\$148.26	\$34.65	30.49%
2,001	\$8.00	\$151.94	(\$10.00)	\$196.11	\$44.17	29.07%

R-08-21 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$19.38	-25%	\$36.49	\$17.11	88.31%
600	35%	\$34.29	-25%	\$57.98	\$23.68	69.06%
800	35%	\$44.24	-25%	\$72.30	\$28.06	63.43%
1,000	35%	\$54.19	-25%	\$86.63	\$32.44	59.88%
1,500	30%	\$85.13	-25%	\$122.44	\$37.31	43.83%
2,001	10%	\$143.95	-25%	\$158.33	\$14.38	9.99%

		Present Rates		Proposed Rates		
Residential Lifeline Service TOU R-21 Frozen						
Customer Charge		\$6.86		\$15.00		
Winter On-peak kWh		\$0.05832	23.00%	\$0.04830	20.00%	
Winter Off-peak kWh		\$0.02947	77.00%	\$0.04730	80.00%	
Purchase Power & Fuel						
Winter On-peak kWh		\$0.040698		\$0.034305		
Winter Off-peak kWh		\$0.020698		\$0.030599		
Monthly KWH Usage						
	Present Rate	Proposed Rate		Proposed Increase	Proposed	
300	\$25.28	\$38.65		\$13.37	52.89%	
600	\$43.70	\$62.30		\$18.60	42.57%	
800	\$55.98	\$78.07		\$22.09	39.46%	
1,000	\$68.26	\$93.84		\$25.58	37.47%	
1,500	\$98.96	\$133.26		\$34.30	34.66%	
2,001	\$129.72	\$172.76		\$43.04	33.17%	
R-04-21 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$16.43	-25%	\$32.74	\$16.31	99.24%
600	30%	\$30.59	-25%	\$50.48	\$19.89	65.01%
800	25%	\$41.99	-25%	\$62.30	\$20.32	48.39%
1,000	25%	\$51.20	-25%	\$74.13	\$22.93	44.80%
1,500	15%	\$84.12	-25%	\$103.70	\$19.58	23.27%
2,001	0%	\$129.72	-25%	\$133.32	\$3.60	2.77%
R-05-21 with Discount						
Monthly KWH Usage		Present Bill		Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	25%	\$18.96	-25%	\$32.74	\$13.78	72.67%
600	20%	\$34.96	-25%	\$50.48	\$15.52	44.39%
800	15%	\$47.58	-25%	\$62.30	\$14.72	30.94%
1,000	15%	\$58.02	-25%	\$74.13	\$16.11	27.76%
1,500	0%	\$98.96	-25%	\$103.70	\$4.73	4.78%
2,001	0%	\$129.72	-25%	\$133.32	\$3.60	2.77%
R-06-21 with Discount						
Monthly KWH Usage		Present Bill		Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	\$8.00	\$17.28	(\$10.00)	\$28.65	\$11.37	65.81%
600	\$8.00	\$35.70	(\$10.00)	\$52.30	\$16.60	46.51%
800	\$8.00	\$47.98	(\$10.00)	\$68.07	\$20.09	41.87%
1,000	\$8.00	\$60.26	(\$10.00)	\$83.84	\$23.58	39.13%
1,500	\$8.00	\$90.96	(\$10.00)	\$123.26	\$32.30	35.51%
2,001	\$8.00	\$121.72	(\$10.00)	\$162.76	\$41.04	33.71%
R-08-21 with Discount						
Monthly KWH Usage		Present Bill		Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$16.43	-25%	\$32.74	\$16.31	99.24%
600	35%	\$28.41	-25%	\$50.48	\$22.07	77.71%
800	35%	\$36.39	-25%	\$62.30	\$25.92	71.22%
1,000	35%	\$44.37	-25%	\$74.13	\$29.76	67.07%
1,500	30%	\$69.27	-25%	\$103.70	\$34.42	49.69%
2,001	10%	\$116.75	-25%	\$133.32	\$16.57	14.19%

Present Rates		Proposed Rates		
Residential Lifeline Service TOU R-70 Frozen				
Customer Charge	\$6.78		\$15.00	
Summer On-peak	\$0.128473	18.00%	\$0.063300	35.00%
Summer Shoulder-peak	\$0.068120	7.00%		
Summer Off-peak	\$0.034962	75.00%	\$0.061800	65.00%
Purchase Power & Fuel				
Summer On-peak	\$0.055698		\$0.038739	
Summer Shoulder-peak	\$0.048198			
Summer Off-peak	\$0.023198		\$0.030187	

Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase	Proposed Increase (%)
300	\$32.25	\$43.65	\$11.40	35.34%
600	\$57.73	\$72.30	\$14.58	25.25%
800	\$74.71	\$91.40	\$16.69	22.34%
1,000	\$91.69	\$110.61	\$18.91	20.62%
1,500	\$134.15	\$158.26	\$24.11	17.97%
2,001	\$176.69	\$206.11	\$29.42	16.65%

R-04-70 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$20.97	-25%	\$36.49	\$15.52	74.05%
600	30%	\$40.41	-25%	\$57.98	\$17.57	43.47%
800	25%	\$56.03	-25%	\$72.30	\$16.27	29.04%
1,000	25%	\$68.77	-25%	\$86.63	\$17.86	25.97%
1,500	15%	\$114.03	-25%	\$122.44	\$8.42	7.38%
2,001	0%	\$176.69	-25%	\$158.33	(\$18.36)	-10.39%

R-05-70 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	25%	\$24.19	-25%	\$36.49	\$12.30	50.84%
600	20%	\$46.18	-25%	\$57.98	\$11.80	25.54%
800	15%	\$63.50	-25%	\$72.30	\$8.80	13.86%
1,000	15%	\$77.94	-25%	\$86.63	\$8.69	11.15%
1,500	0%	\$134.15	-25%	\$122.44	(\$11.71)	-8.73%
2,001	0%	\$176.69	-25%	\$158.33	(\$18.36)	-10.39%

R-06-70 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	\$8.00	\$24.25	(\$10.00)	\$33.65	\$9.40	38.75%
600	\$8.00	\$49.73	(\$10.00)	\$62.30	\$12.58	25.29%
800	\$8.00	\$66.71	(\$10.00)	\$81.40	\$14.69	22.03%
1,000	\$8.00	\$83.69	(\$10.00)	\$100.51	\$16.81	20.09%
1,500	\$8.00	\$126.15	(\$10.00)	\$148.26	\$22.11	17.53%
2,001	\$8.00	\$168.69	(\$10.00)	\$196.11	\$27.42	16.25%

R-08-70 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$20.97	-25%	\$36.49	\$15.52	74.05%
600	35%	\$37.52	-25%	\$57.98	\$20.45	54.51%
800	35%	\$48.56	-25%	\$72.30	\$23.74	48.89%
1,000	35%	\$59.60	-25%	\$86.63	\$27.03	45.35%
1,500	30%	\$93.90	-25%	\$122.44	\$28.54	30.39%
2,001	10%	\$159.02	-25%	\$158.33	(\$0.69)	-0.44%

Present Rates		Proposed Rates				
Residential Lifeline Service TOU R-70 Frozen						
Customer Charge	\$6.78		\$15.00			
Winter On-peak kWh	\$0.085313	25.00%	\$0.048300	20.00%		
Winter Off-peak kWh	\$0.022921	75.00%	\$0.047300	80.00%		
Purchase Power & Fuel						
Winter On-peak kWh	\$0.040698		\$0.034305			
Winter Off-peak kWh	\$0.020698		\$0.030599			
Monthly KWH Usage	Present Rate		Proposed Rate	Proposed Increase		
300	\$26.05		\$38.65	\$12.61		
600	\$45.31		\$62.30	\$16.99		
800	\$58.15		\$78.07	\$19.92		
1,000	\$71.00		\$93.84	\$22.84		
1,500	\$103.11		\$133.26	\$30.15		
2,001	\$135.28		\$172.76	\$37.48		
				Proposed Increase (%)		
				48.40%		
				37.51%		
				34.25%		
				32.18%		
				29.25%		
				27.71%		
R-04-70 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$16.93	-25%	\$32.74	\$15.81	93.39%
600	30%	\$31.72	-25%	\$50.48	\$18.76	59.15%
800	25%	\$43.62	-25%	\$62.30	\$18.69	42.85%
1,000	25%	\$53.25	-25%	\$74.13	\$20.88	39.22%
1,500	15%	\$87.64	-25%	\$103.70	\$16.06	18.32%
2,001	0%	\$135.28	-25%	\$133.32	(\$1.96)	-1.45%
R-05-70 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	25%	\$19.53	-25%	\$32.74	\$13.21	67.60%
600	20%	\$36.25	-25%	\$50.48	\$14.23	39.26%
800	15%	\$49.43	-25%	\$62.30	\$12.87	26.04%
1,000	15%	\$60.35	-25%	\$74.13	\$13.78	22.84%
1,500	0%	\$103.11	-25%	\$103.70	\$0.59	0.57%
2,001	0%	\$135.28	-25%	\$133.32	(\$1.96)	-1.45%
R-06-70 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300		\$8.00	(\$10.00)	\$28.65	\$10.61	58.78%
600		\$8.00	(\$10.00)	\$52.30	\$14.99	40.19%
800		\$8.00	(\$10.00)	\$68.07	\$17.92	35.73%
1,000		\$8.00	(\$10.00)	\$83.84	\$20.84	33.09%
1,500		\$8.00	(\$10.00)	\$123.26	\$28.15	29.60%
2,001		\$8.00	(\$10.00)	\$162.76	\$35.48	27.88%
R-08-70 with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$16.93	-25%	\$32.74	\$15.81	93.39%
600	35%	\$29.45	-25%	\$50.48	\$21.03	71.39%
800	35%	\$37.80	-25%	\$62.30	\$24.50	64.83%
1,000	35%	\$46.15	-25%	\$74.13	\$27.98	60.64%
1,500	30%	\$72.17	-25%	\$103.70	\$31.52	43.67%
2,001	10%	\$121.75	-25%	\$133.32	\$11.57	9.50%

Present Rates		Proposed Rates	
Residential Lifeline Service R-201A Frozen			
Customer Charge	\$4.90		\$12.00
Summer (kWh)			
First 500, kWh	\$0.057722		\$0.055500
501 -3,500, kWh			\$0.075300
>3,500 kWh			\$0.075300
Purchase Power & Fuel			
Summer (kWh)	\$0.033198		\$0.033075

Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
300	\$32.18	\$38.57	\$6.40	19.88%
600	\$53.68	\$67.13	\$13.45	25.05%
800	\$60.32	\$88.80	\$28.48	47.22%
1,000	\$66.96	\$110.48	\$43.52	64.99%
1,500	\$83.56	\$164.66	\$81.10	97.06%
2,001	\$100.19	\$218.96	\$118.77	118.54%

R-05-201AF with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	25%	\$24.13	-25%	\$31.93	\$7.80	32.31%
600	20%	\$42.94	-25%	\$53.34	\$10.40	24.22%
800	15%	\$51.27	-25%	\$69.60	\$18.33	35.75%
1,000	15%	\$56.92	-25%	\$85.86	\$28.94	50.85%
1,500	0%	\$83.56	-25%	\$126.50	\$42.94	51.39%
2,001	0%	\$100.19	-25%	\$167.22	\$67.03	66.90%

R-06-201A with Discount						
Monthly KWH Usage		Present Bill		Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	\$8.00	\$24.18	(\$10.00)	\$28.57	\$4.40	18.19%
600	\$8.00	\$45.68	(\$10.00)	\$57.13	\$11.45	25.06%
800	\$8.00	\$52.32	(\$10.00)	\$78.80	\$26.48	50.61%
1,000	\$8.00	\$58.96	(\$10.00)	\$100.48	\$41.52	70.42%
1,500	\$8.00	\$75.56	(\$10.00)	\$154.66	\$79.10	104.69%
2,001	\$8.00	\$92.19	(\$10.00)	\$208.96	\$116.77	126.66%

R-08-201A with Discount						
Monthly KWH Usage		Present Bill		Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$20.91	-25%	31.93	\$11.01	52.67%
600	35%	\$34.89	-25%	53.34	\$18.45	52.88%
800	35%	\$39.21	-25%	69.60	\$30.39	77.52%
1,000	35%	\$43.52	-25%	85.86	\$42.33	97.26%
1,500	30%	\$58.49	-25%	126.50	\$68.01	116.27%
2,001	10%	\$90.17	-25%	167.22	\$77.05	85.45%

		Present Rates	Proposed Rates			
Residential Lifeline Service R-201A Frozen						
Customer Charge		\$4.90		\$12.00		
Winter (kWh)						
First 500, kWh		\$0.057722		\$0.042000		
501 -3,500, kWh		\$0.040993		\$0.061800		
>3,500 kWh				\$0.061800		
Purchase Power & Fuel						
Winter (kWh)		\$0.025698		\$0.030654		
Monthly KWH Usage		Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)	
300		\$29.93	\$33.80	\$3.87	12.93%	
600		\$53.28	\$57.57	\$4.29	8.06%	
800		\$66.62	\$76.06	\$9.45	14.18%	
1,000		\$79.96	\$94.55	\$14.60	18.26%	
1,500		\$113.30	\$140.78	\$27.48	24.25%	
2,001		\$146.71	\$187.10	\$40.39	27.53%	
R-05-201AF with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	25%	\$22.44	-25%	\$28.35	\$5.90	26.30%
600	20%	\$42.62	-25%	\$46.18	\$3.56	8.34%
800	15%	\$56.62	-25%	\$60.05	\$3.42	6.04%
1,000	15%	\$67.96	-25%	\$73.92	\$5.95	8.76%
1,500	0%	\$113.30	-25%	\$108.59	(\$4.72)	-4.16%
2,001	0%	\$146.71	-25%	\$143.33	(\$3.39)	-2.31%
R-06-201A with Discount						
Monthly KWH Usage		Present Bill		Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	\$8.00	\$21.93	(\$10.00)	\$23.80	\$1.87	8.53%
600	\$8.00	\$45.28	(\$10.00)	\$47.57	\$2.29	5.06%
800	\$8.00	\$58.62	(\$10.00)	\$66.06	\$7.45	12.70%
1,000	\$8.00	\$71.96	(\$10.00)	\$84.55	\$12.60	17.51%
1,500	\$8.00	\$113.30	(\$10.00)	\$130.78	\$17.48	15.43%
2,001	\$8.00	\$146.71	(\$10.00)	\$177.10	\$30.39	20.71%
R-08-201A with Discount						
Monthly KWH Usage		Present Bill		Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$19.45	-25%	\$28.35	\$8.90	45.73%
600	35%	\$34.63	-25%	\$46.18	\$11.55	33.35%
800	35%	\$43.30	-25%	\$60.05	\$16.75	38.67%
1,000	35%	\$73.65	-25%	\$73.92	\$0.27	0.37%
1,500	30%	\$79.31	-25%	\$108.59	\$29.28	36.91%
2,001	10%	\$132.04	-25%	\$143.33	\$11.28	8.55%

Present Rates		Proposed Rates		
Residential Lifeline Service TOU R-201B Frozen				
Customer Charge	\$6.78		\$15.00	
Summer On-peak	\$0.128473	19.00%	\$0.057000	35.00%
Summer Shoulder-peak	\$0.068120	7.00%	-	
Summer Off-peak	\$0.034962	74.00%	\$0.055600	65.00%
Purchase Power & Fuel				
Summer On-peak	\$0.055698		\$0.038739	
Summer Shoulder-peak	\$0.048198		-	
Summer Off-peak	\$0.023198		\$0.030187	

Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
300	\$32.63	\$41.78	\$9.15	28.04%
600	\$58.48	\$68.56	\$10.08	17.23%
800	\$75.72	\$86.42	\$10.70	14.13%
1,000	\$92.95	\$104.27	\$11.32	12.18%
1,500	\$136.04	\$148.91	\$12.87	9.46%
2,001	\$179.21	\$193.63	\$14.42	8.04%

R-05-201BF with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	25%	\$24.47	-25%	\$35.09	\$10.61	43.36%
600	20%	\$46.79	-25%	\$55.17	\$8.38	17.92%
800	15%	\$64.36	-25%	\$68.56	\$4.20	6.53%
1,000	15%	\$79.01	-25%	\$81.95	\$2.94	3.72%
1,500	0%	\$136.04	-25%	\$115.43	(\$20.61)	-15.15%
2,001	0%	\$179.21	-25%	\$148.97	(\$30.24)	-16.87%

R-06-201B with Discount						
Monthly KWH Usage		Present Bill		Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	\$8.00	\$24.63	(\$10.00)	\$31.78	\$7.15	29.02%
600	\$8.00	\$50.48	(\$10.00)	\$58.56	\$8.08	16.00%
800	\$8.00	\$67.72	(\$10.00)	\$76.42	\$8.70	12.84%
1,000	\$8.00	\$84.95	(\$10.00)	\$94.27	\$9.32	10.97%
1,500	\$8.00	\$128.04	(\$10.00)	\$138.91	\$10.87	8.49%
2,001	\$8.00	\$171.21	(\$10.00)	\$183.63	\$12.42	7.25%

Present Rates		Proposed Rates	
Residential Lifeline Service TOU R-201B Frozen			
Customer Charge	\$6.78		\$15.00
Winter On-peak	\$0.059481	23.00%	\$0.043500
Winter Off-peak	\$0.013975	77.00%	\$0.042600
Purchase Power & Fuel			
Winter On-peak kWh	\$0.040698		\$0.034305
Winter Off-peak kWh	\$0.020698		\$0.030599

Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
300	\$21.70	\$37.24	\$15.53	71.58%
600	\$36.62	\$59.47	\$22.85	62.39%
800	\$46.57	\$74.30	\$27.72	59.53%
1,000	\$56.52	\$89.12	\$32.60	57.68%
1,500	\$81.39	\$126.18	\$44.79	55.03%
2,001	\$106.31	\$163.31	\$57.01	53.62%

R-05-201BF with Discount						
Monthly KWH Usage	Discount	Present Bill	Discount	Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	25%	\$16.28	-25%	\$31.68	\$15.40	94.62%
600	20%	\$29.30	-25%	\$48.35	\$19.06	65.04%
800	15%	\$39.59	-25%	\$59.47	\$19.89	50.24%
1,000	15%	\$48.04	-25%	\$70.59	\$22.55	46.94%
1,500	0%	\$81.39	-25%	\$98.39	\$17.00	20.88%
2,001	0%	\$106.31	-25%	\$126.24	\$19.93	18.74%

R-06-201B with Discount						
Monthly KWH Usage		Present Bill		Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	\$8.00	\$13.70	(\$10.00)	\$27.24	\$13.53	98.78%
600	\$8.00	\$28.62	(\$10.00)	\$49.47	\$20.85	72.84%
800	\$8.00	\$38.57	(\$10.00)	\$64.30	\$25.72	66.69%
1,000	\$8.00	\$48.52	(\$10.00)	\$79.12	\$30.60	63.07%
1,500	\$8.00	\$73.39	(\$10.00)	\$116.18	\$42.79	58.31%
2,001	\$8.00	\$98.31	(\$10.00)	\$153.31	\$55.01	55.95%

R-08-201B with Discount						
Monthly KWH Usage		Present Bill		Proposed Bill	Proposed Increase (\$)	Proposed Increase (%)
300	35%	\$14.11	-25%	\$31.68	\$17.57	124.56%
600	35%	\$23.81	-25%	\$48.35	\$24.55	103.12%
800	35%	\$30.27	-25%	\$59.47	\$29.20	96.46%
1,000	35%	\$36.74	-25%	\$70.59	\$33.85	92.15%
1,500	30%	\$56.97	-25%	\$98.39	\$41.41	72.69%
2,001	10%	\$95.68	-25%	\$126.24	\$30.56	31.94%

		Present Rates	Proposed Rates		
Residential Service R-01					
Customer Charge (Single Phase)		\$7.00	\$12.00		
Summer					
First 500, kWh		\$0.046925	\$0.061700		
501 -3,500, kWh		\$0.068960	\$0.083700		
>3,500 kWh		\$0.088960	\$0.083700		
<u>Purchase Power & Fuel</u>					
Summer		\$0.033198	\$0.033075		
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)	
400	\$39.05	\$49.91	\$10.86	27.81%	
600	\$57.28	\$71.07	\$13.79	24.07%	
800	\$77.71	\$94.42	\$16.71	21.50%	
1,000	\$98.14	\$117.78	\$19.63	20.01%	
1,500	\$149.22	\$176.16	\$26.94	18.06%	
2,000	\$200.30	\$234.55	\$34.25	17.10%	
2,500	\$251.38	\$292.94	\$41.56	16.53%	
5,000	\$536.77	\$584.88	\$48.10	8.96%	
10,000	\$1,147.56	\$1,168.75	\$21.19	1.85%	
	491	\$490.70	\$0.8853	0.1344	
Residential Service R-01					
Customer Charge (Single Phase)		\$7.00	\$12.00		
Winter					
First 500, kWh		\$0.047309	\$0.046700		
501 -3,500, kWh		\$0.067309	\$0.068700		
>3,500 kWh		\$0.087309	\$0.068700		
<u>Purchase Power & Fuel</u>					
Winter		\$0.025698	\$0.030654		
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)	
400	\$36.05	\$48.94	\$12.89	35.76%	
600	\$52.80	\$60.61	\$7.81	14.79%	
800	\$71.41	\$80.48	\$9.08	12.71%	
1,000	\$90.01	\$100.35	\$10.35	11.50%	
1,500	\$136.51	\$150.03	\$13.52	9.90%	
2,000	\$183.01	\$199.71	\$16.69	9.12%	
2,500	\$229.52	\$249.39	\$19.87	8.66%	
5,000	\$492.04	\$497.77	\$5.74	1.17%	
10,000	\$1,057.07	\$994.54	(\$62.53)	-5.92%	

Present Rates		Proposed Rates		
Residential R-02 (Special Water Heating)-Eliminating				
Proposed shift to Existing R-01				
Fixed Monthly Delivery Charge	\$5.10		\$0.00	
Summer				
First 500, kWh	\$0.017298		\$0.061700	
501 -3,500, kWh			\$0.083700	
>3,500 kWh			\$0.083700	
<u>Purchase Power & Fuel</u>	\$0.029448		\$0.033075	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
40	\$6.97	\$3.79	(\$3.18)	-45.61%
80	\$8.84	\$7.58	(\$1.26)	-14.23%
100	\$9.77	\$9.48	(\$0.30)	-3.04%
120	\$10.71	\$11.37	\$0.66	6.20%
140	\$11.64	\$13.27	\$1.62	13.95%
160	\$12.58	\$15.16	\$2.58	20.55%
200	\$14.45	\$18.96	\$4.51	31.18%
Residential R-02 (Special Water Heating)-Eliminating				
Proposed shift to Existing R-01				
Fixed Monthly Delivery Charge	\$5.10		\$0.00	
Winter				
First 500, kWh	\$0.017298		\$0.046700	
501 -3,500, kWh			\$0.068700	
>3,500 kWh			\$0.068700	
<u>Purchase Power & Fuel</u>	\$0.029448		\$0.030654	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
40	\$6.97	\$3.69	(\$3.28)	-47.00%
80	\$8.84	\$7.39	(\$1.45)	-16.42%
100	\$9.77	\$9.24	(\$0.54)	-5.52%
120	\$10.71	\$11.08	\$0.37	3.48%
140	\$11.64	\$12.93	\$1.29	11.04%
160	\$12.58	\$14.78	\$2.20	17.47%
200	\$14.45	\$18.47	\$4.02	27.83%

		Present Rates		Proposed Rates	
Residential Time-of-Use R-21 Frozen Combine with New Rate 80					
Customer Charge		\$7.00		\$15.00	
Summer On-peak kWh		\$0.101271	35.00%	\$0.063300	35.00%
Summer Off-peak kWh		\$0.021508	65.00%	\$0.061800	65.00%
<u>Purchase Power & Fuel</u>					
Summer On-peak kWh		\$0.053198		\$0.038739	
Summer Off-peak kWh		\$0.023198		\$0.030187	
Residential Time-of-Use R-21 Frozen Combine with New Rate 80					
Customer Charge		\$7.00		\$15.00	
Winter On-peak kWh		\$0.073292	23.00%	\$0.048300	20.00%
Winter Off-peak kWh		\$0.021508	77.00%	\$0.047300	80.00%
<u>Purchase Power & Fuel</u>					
Winter On-peak kWh		\$0.040698		\$0.034305	
Winter Off-peak kWh		\$0.020698		\$0.030599	
Monthly KWH Usage					
	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)	
400	\$40.25	\$53.20	\$12.95	32.18%	
600	\$56.87	\$72.30	\$15.43	27.13%	
800	\$73.50	\$91.40	\$17.91	24.36%	
1,000	\$90.12	\$110.51	\$20.38	22.62%	
1,500	\$131.68	\$158.26	\$26.57	20.18%	
2,000	\$173.25	\$206.01	\$32.76	18.91%	
2,500	\$214.81	\$253.76	\$38.96	18.14%	
5,000	\$422.62	\$492.53	\$69.91	16.54%	
10,000	\$838.23	\$970.05	\$131.82	15.73%	
Monthly KWH Usage					
	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)	
400	\$30.49	\$46.54	\$16.05	52.64%	
600	\$42.23	\$62.30	\$20.07	47.54%	
800	\$53.97	\$78.07	\$24.10	44.65%	
1,000	\$65.72	\$93.84	\$28.12	42.80%	
1,500	\$95.07	\$133.26	\$38.19	40.16%	
2,000	\$124.43	\$172.68	\$48.25	38.77%	
2,500	\$153.79	\$212.10	\$58.31	37.92%	
5,000	\$300.58	\$409.20	\$108.62	36.14%	
10,000	\$594.16	\$803.40	\$209.24	35.22%	

		Present Rates		Proposed Rates	
Residential Time-of-Use R-70 Frozen Combine with New Rate 80					
Customer Charge		\$7.00		\$15.00	
Summer On-peak		\$0.174747	18.00%	\$0.063300	35.00%
Summer Shoulder-peak		\$0.102823	7.00%		
Summer Off-peak		\$0.041176	74.00%	\$0.061800	65.00%
<u>Purchase Power & Fuel</u>					
Summer On-peak		\$0.055698		\$0.038739	
Summer Shoulder-peak		\$0.048198			
Summer Off-peak		\$0.023198		\$0.030187	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)	
400	\$46.88	\$53.20	\$6.33	13.50%	
600	\$66.81	\$72.30	\$5.49	8.22%	
800	\$86.75	\$91.40	\$4.65	5.36%	
1,000	\$106.69	\$110.51	\$3.82	3.58%	
1,500	\$156.53	\$158.26	\$1.73	1.10%	
2,000	\$206.38	\$206.01	(\$0.37)	-0.18%	
2,500	\$256.22	\$253.76	(\$2.46)	-0.96%	
5,000	\$505.44	\$492.53	(\$12.92)	-2.56%	
10,000	\$1,003.88	\$970.05	(\$33.83)	-3.37%	
Residential Time-of-Use R-70 Frozen Combine with New Rate 80					
Customer Charge		\$7.00		\$15.00	
Winter On-peak kWh		\$0.025762	26.00%	\$0.048300	20.00%
Winter Off-peak kWh		\$0.023098	74.00%	\$0.047300	80.00%
<u>Purchase Power & Fuel</u>					
Winter On-peak kWh		\$0.040698		\$0.034305	
Winter Off-peak kWh		\$0.020698		\$0.030599	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)	
400	\$26.88	\$46.54	\$19.66	73.15%	
600	\$36.81	\$62.30	\$25.49	69.24%	
800	\$46.75	\$78.07	\$31.32	67.00%	
1,000	\$56.69	\$93.84	\$37.15	65.54%	
1,500	\$81.53	\$133.26	\$51.73	63.44%	
2,000	\$106.38	\$172.68	\$66.30	62.33%	
2,500	\$131.22	\$212.10	\$80.88	61.64%	
5,000	\$255.44	\$409.20	\$153.76	60.19%	
10,000	\$503.89	\$803.40	\$299.52	59.44%	

		Present Rates	Proposed Rates	
Residential Time-of-Use R-70N-B (Weekend includes Shoulder) Eliminate Combine with New Rate 80				
Customer Charge	\$8.00		\$15.00	
Summer On-peak		16.00%		35.00%
First 500, kWh	\$0.079947		\$0.063300	
501 -3,500, kWh	\$0.096571			
>3,500 kWh	\$0.116571			
Summer Shoulder-peak		24.00%		
First 500, kWh	\$0.050121			
501 -3,500, kWh	\$0.070121			
>3,500 kWh	\$0.090121			
Summer Off-peak		60.00%		65.00%
First 500, kWh	\$0.041217		\$0.061800	
501 -3,500, kWh	\$0.057841			
>3,500 kWh	\$0.077841			
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.055440		\$0.038739	
Summer Shoulder-peak	\$0.034876			
Summer Off-peak	\$0.019865		\$0.030187	

Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$39.48	\$53.20	\$13.72	34.74%
600	\$56.97	\$72.30	\$15.33	26.92%
800	\$76.20	\$91.40	\$15.21	19.96%
1,000	\$95.43	\$110.51	\$15.08	15.80%
1,500	\$143.50	\$158.26	\$14.76	10.28%
2,000	\$191.57	\$206.01	\$14.44	7.54%
2,500	\$239.64	\$253.76	\$14.12	5.89%
5,000	\$480.01	\$492.53	\$12.52	2.61%
10,000	\$960.73	\$970.05	\$9.32	0.97%

Residential Time-of-Use R-70N-B (Weekend includes Shoulder) Combine with New Rate 80				
Customer Charge	\$8.00		\$15.00	
Winter On-peak		30.00%		20.00%
First 500, kWh	\$0.067066		\$0.048300	
501 -3,500, kWh	\$0.085478			
>3,500 kWh	\$0.105478			
Winter Off-peak		70.00%		80.00%
First 500, kWh	\$0.037066		\$0.047300	
501 -3,500, kWh	\$0.055478			
>3,500 kWh	\$0.075478			
<u>Purchase Power & Fuel</u>				
Winter On-peak kWh	\$0.042874		\$0.034305	
Winter Off-peak kWh	\$0.025086		\$0.030599	

Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$38.60	\$46.54	\$7.94	20.57%
600	\$55.73	\$62.30	\$6.57	11.79%
800	\$74.71	\$78.07	\$3.36	4.49%
1,000	\$93.69	\$93.84	\$0.15	0.16%
1,500	\$141.14	\$133.26	(\$7.88)	-5.59%
2,000	\$188.59	\$172.68	(\$15.91)	-8.44%
2,500	\$236.05	\$212.10	(\$23.94)	-10.14%
5,000	\$473.30	\$409.20	(\$64.09)	-13.54%
10,000	\$947.80	\$803.40	(\$144.40)	-15.23%

Present Rates		Proposed Rates		
Residential Time-of-Use R-70N-C (Weekend Includes Peak) Combine with New Rate 80				
Customer Charge	\$8.00		\$15.00	
Summer On-peak				
First 500, kWh	\$0.077356	22.00%	\$0.063300	35.00%
501 -3,500, kWh	\$0.096354			
>3,500 kWh	\$0.116354			
Summer Shoulder-peak				
First 500, kWh	\$0.049507	14.00%		
501 -3,500, kWh	\$0.069507			
>3,500 kWh	\$0.089507			
Summer Off-peak				
First 500, kWh	\$0.038229	64.00%	\$0.061800	65.00%
501 -3,500, kWh	\$0.057227			
>3,500 kWh	\$0.077227			
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.054330		\$0.038739	
Summer Shoulder-peak	\$0.034177			
Summer Off-peak	\$0.019467		\$0.030187	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$39.04	\$53.20	\$14.16	36.26%
600	\$56.48	\$72.30	\$15.82	28.01%
800	\$75.83	\$91.40	\$15.57	20.54%
1,000	\$95.18	\$110.51	\$15.32	16.10%
1,500	\$143.56	\$158.26	\$14.70	10.24%
2,000	\$191.93	\$206.01	\$14.08	7.34%
2,500	\$240.31	\$253.76	\$13.46	5.60%
5,000	\$482.18	\$492.53	\$10.34	2.15%
10,000	\$965.93	\$970.05	\$4.12	0.43%
Residential Time-of-Use R-70N-C (Weekend Includes Peak)-Eliminate Combine with New Rate 80				
Customer Charge	\$8.00		\$15.00	
Winter On-peak				
First 500, kWh	\$0.066452	30.00%	\$0.048300	20.00%
501 -3,500, kWh	\$0.084864			
>3,500 kWh	\$0.104864			
Winter Off-peak				
First 500, kWh	\$0.036452	70.00%	\$0.047300	80.00%
501 -3,500, kWh	\$0.054864			
>3,500 kWh	\$0.074864			
<u>Purchase Power & Fuel</u>				
Winter On-peak kWh	\$0.042015		\$0.034305	
Winter Off-peak kWh	\$0.024585		\$0.030599	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$38.11	\$46.54	\$8.43	22.12%
600	\$55.00	\$62.30	\$7.30	13.28%
800	\$73.74	\$78.07	\$4.34	5.88%
1,000	\$92.47	\$93.84	\$1.37	1.48%
1,500	\$139.31	\$133.26	(\$6.05)	-4.34%
2,000	\$186.15	\$172.68	(\$13.47)	-7.24%
2,500	\$232.99	\$212.10	(\$20.89)	-8.97%
5,000	\$467.18	\$409.20	(\$57.98)	-12.41%
10,000	\$935.57	\$803.40	(\$132.17)	-14.13%

Present Rates		Proposed Rates	
Residential Time-of-Use R-70N-D (Weekend All Off-Peak)			
Combine with New Rate 80			
Customer Charge	\$8.00		\$15.00
Summer On-peak			
First 500, kWh	\$0.091873	15.00%	\$0.063300 35.00%
501 -3,500, kWh	\$0.107334		
>3,500 kWh	\$0.127334		
Summer Shoulder-peak			
First 500, kWh	\$0.049814	14.00%	65.00%
501 -3,500, kWh	\$0.069814		
>3,500 kWh	\$0.089814		
Summer Off-peak			
First 500, kWh	\$0.042073	71.00%	\$0.061800
501 -3,500, kWh	\$0.057534		
>3,500 kWh	\$0.077534		
Purchase Power & Fuel			
Summer On-peak	\$0.058271		\$0.038739
Summer Shoulder-peak	\$0.036656		
Summer Off-peak	\$0.020880		\$0.030187

Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$39.73	\$53.20	\$13.47	33.91%
600	\$57.20	\$72.30	\$15.10	26.40%
800	\$76.29	\$91.40	\$15.12	19.81%
1,000	\$95.37	\$110.51	\$15.13	15.87%
1,500	\$143.08	\$158.26	\$15.18	10.61%
2,000	\$190.79	\$206.01	\$15.22	7.98%
2,500	\$238.50	\$253.76	\$15.26	6.40%
5,000	\$477.05	\$492.53	\$15.47	3.24%
10,000	\$954.16	\$970.05	\$15.90	1.67%

Residential Time-of-Use R-70N-D (Weekend All Off-Peak)			
Combine with New Rate 80			
Customer Charge	\$8.00		\$15.00
Winter On-peak			
First 500, kWh	\$0.068737	25.00%	\$0.048300 20.00%
501 -3,500, kWh	\$0.085171		
>3,500 kWh	\$0.105171		
Winter Off-peak			
First 500, kWh	\$0.038737	75.00%	\$0.047300 80.00%
501 -3,500, kWh	\$0.055171		
>3,500 kWh	\$0.075171		
Purchase Power & Fuel			
Winter On-peak kWh	\$0.045063		\$0.034305
Winter Off-peak kWh	\$0.026368		\$0.030599

Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$38.91	\$46.54	\$7.62	19.59%
600	\$56.01	\$62.30	\$6.29	11.24%
800	\$74.75	\$78.07	\$3.32	4.44%
1,000	\$93.50	\$93.84	\$0.34	0.37%
1,500	\$140.35	\$133.26	(\$7.09)	-5.05%
2,000	\$187.21	\$172.68	(\$14.53)	-7.76%
2,500	\$234.06	\$212.10	(\$21.96)	-9.38%
5,000	\$468.35	\$409.20	(\$59.15)	-12.63%
10,000	\$936.91	\$803.40	(\$133.51)	-14.25%

Present Rates		Proposed Rates		
Special Residential Electric Service R-201A Frozen R-201AN Standard				
Customer Charge	\$7.00		\$12.00	
Mid-Summer (kWh)				
First 500, kWh	\$0.066139		\$0.0555	
501 -3,500, kWh			\$0.0753	
>3,500 kWh			\$0.0753	
<u>Purchase Power & Fuel</u>				
Summer (kWh)	\$0.033198		\$0.033075	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$46.73	\$47.43	\$0.70	1.49%
600	\$66.60	\$67.13	\$0.52	0.78%
800	\$86.47	\$88.80	\$2.33	2.70%
1,000	\$106.34	\$110.48	\$4.14	3.89%
1,500	\$156.01	\$164.66	\$8.66	5.55%
2,000	\$205.67	\$218.85	\$13.18	6.41%
2,500	\$255.34	\$273.04	\$17.70	6.93%
5,000	\$503.69	\$543.98	\$40.29	8.00%
10,000	\$1,000.37	\$1,085.85	\$85.48	8.54%
Special Residential Electric Service R-201A Frozen R-201AN Standard				
Customer Charge	\$7.00		\$12.00	
Winter (kWh)	\$0.033803			
First 500, kWh			\$0.0420	
501 -3,500, kWh			\$0.0618	
>3,500 kWh			\$0.0618	
<u>Purchase Power & Fuel</u>				
Winter (kWh)	\$0.025698		\$0.030654	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$30.80	\$41.06	\$10.26	33.32%
600	\$42.70	\$57.57	\$14.87	34.83%
800	\$54.60	\$76.06	\$21.46	39.31%
1,000	\$66.50	\$94.55	\$28.05	42.18%
1,500	\$96.25	\$140.78	\$44.53	46.26%
2,000	\$126.00	\$187.01	\$61.01	48.42%
2,500	\$155.75	\$233.24	\$77.48	49.75%
5,000	\$304.51	\$464.37	\$159.87	52.50%
10,000	\$602.01	\$926.64	\$324.63	53.92%

Present Rates		Proposed Rates		
Special Residential Electric Service TOU R-201B Frozen New R-201BN Standard				
Customer Charge	\$7.00		\$15.00	
Summer On-peak	\$0.166303	19.00%	\$0.0570	35.00%
Summer Shoulder-peak	\$0.093043	7.00%		
Summer Off-peak	\$0.031395	74.00%	\$0.0556	65.00%
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.055698		\$0.038739	
Summer Shoulder-peak	\$0.048198			
Summer Off-peak	\$0.023198		\$0.030187	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$43.99	\$50.71	\$6.72	15.28%
600	\$62.48	\$68.56	\$6.08	9.74%
800	\$80.97	\$86.42	\$5.44	6.72%
1,000	\$99.47	\$104.27	\$4.80	4.83%
1,500	\$145.70	\$148.91	\$3.21	2.20%
2,000	\$191.93	\$193.54	\$1.61	0.84%
2,500	\$238.16	\$238.18	\$0.01	0.00%
5,000	\$469.33	\$461.35	(\$7.98)	-1.70%
10,000	\$931.66	\$907.70	(\$23.96)	-2.57%
Special Residential Electric Service TOU R-201B Frozen R-201 TOU				
Customer Charge	\$7.00		\$15.00	
Winter On-peak	\$0.075935	23.00%	\$0.0435	20.00%
Winter Off-peak	\$0.006499	77.00%	\$0.0426	80.00%
<u>Purchase Power & Fuel</u>				
Winter On-peak kWh	\$0.040698		\$0.034305	
Winter Off-peak kWh	\$0.020698		\$0.030599	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$26.11	\$44.65	\$18.54	71.02%
600	\$35.66	\$59.47	\$23.81	66.77%
800	\$45.21	\$74.30	\$29.08	64.32%
1,000	\$54.77	\$89.12	\$34.35	62.73%
1,500	\$78.65	\$126.18	\$47.53	60.43%
2,000	\$102.53	\$163.24	\$60.71	59.21%
2,500	\$126.42	\$200.30	\$73.88	58.44%
5,000	\$245.84	\$385.60	\$139.77	56.85%
10,000	\$484.67	\$756.20	\$271.53	56.02%

Present Rates		Proposed Rates		
Special Residential Electric Service TOU-Solr R-201C Frozen R-201 TOU				
Customer Charge	\$7.00		\$15.00	
Summer On-peak	\$0.161981	26.00%	\$0.0570	35.00%
Summer Shoulder-peak	\$0.090057	6.00%		
Summer Off-peak	\$0.028409	68.00%	\$0.0556	65.00%
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.055698		\$0.038739	
Summer Shoulder-peak	\$0.048198			
Summer Off-peak	\$0.023198		\$0.030187	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$33.86	\$50.71	\$16.85	49.75%
600	\$47.23	\$68.56	\$21.33	45.17%
800	\$60.60	\$86.42	\$25.82	42.61%
1,000	\$73.96	\$104.27	\$30.31	40.97%
1,500	\$107.38	\$148.91	\$41.52	38.67%
2,000	\$140.80	\$193.54	\$52.74	37.46%
2,500	\$174.22	\$238.18	\$63.96	36.71%
5,000	\$341.31	\$461.35	\$120.04	35.17%
10,000	\$675.49	\$907.70	\$232.21	34.38%
Special Residential Electric Service TOU-Solr R-201C Frozen R-201 TOU				
Customer Charge	\$7.00		\$15.00	
Winter On-peak	\$0.066272	31.00%	\$0.043500	20.00%
Winter Off-peak	\$0.001201	69.00%	\$0.042600	80.00%
<u>Purchase Power & Fuel</u>				
Winter On-peak kWh	\$0.040698		\$0.034305	
Winter Off-peak kWh	\$0.020698		\$0.030599	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$15.61	\$44.65	\$29.04	186.01%
600	\$19.89	\$59.47	\$39.59	199.08%
800	\$24.16	\$74.30	\$50.14	207.52%
1,000	\$28.43	\$89.12	\$60.69	213.42%
1,500	\$39.12	\$126.18	\$87.06	222.54%
2,000	\$49.81	\$163.24	\$113.43	227.74%
2,500	\$60.49	\$200.30	\$139.81	231.11%
5,000	\$113.93	\$385.60	\$271.67	238.47%
10,000	\$220.79	\$756.20	\$535.41	242.50%

Present Rates		Proposed Rates		
Special Residential Electric Service R-201AN				
R-201AN Standard				
Customer Charge	\$7.00	\$12.00		
Summer				
First 500, kWh	\$0.065598	\$0.055500		
501 -3,500, kWh	\$0.085598	\$0.075300		
>3,500 kWh	\$0.105598	\$0.075300		
<u>Purchase Power & Fuel</u>				
Summer	\$0.043166	\$0.033075		
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$50.51	\$47.43	(\$3.08)	-6.09%
600	\$74.26	\$67.13	(\$7.13)	-9.61%
800	\$100.01	\$88.80	(\$11.21)	-11.21%
1,000	\$125.76	\$110.48	(\$15.29)	-12.16%
1,500	\$190.15	\$164.66	(\$25.48)	-13.40%
2,000	\$254.53	\$218.85	(\$35.68)	-14.02%
2,500	\$318.91	\$273.04	(\$45.87)	-14.38%
5,000	\$863.97	\$543.98	(\$319.99)	-37.04%
10,000	\$2,251.61	\$1,085.85	(\$1,165.76)	-51.77%
Special Residential Electric Service R-201AN				
R-201AN Standard				
Customer Charge	\$7.00	\$12.00		
Winter				
First 500, kWh	\$0.020737	\$0.042000		
501 -3,500, kWh	\$0.040737	\$0.061800		
>3,500 kWh	\$0.060737	\$0.061800		
<u>Purchase Power & Fuel</u>				
Winter	\$0.027033	\$0.030654		
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$26.11	\$41.06	\$14.95	57.28%
600	\$37.66	\$57.57	\$19.91	52.87%
800	\$51.22	\$76.06	\$24.85	48.51%
1,000	\$64.77	\$94.55	\$29.78	45.98%
1,500	\$98.66	\$140.78	\$42.13	42.70%
2,000	\$132.54	\$187.01	\$54.47	41.10%
2,500	\$166.43	\$233.24	\$66.81	40.14%
5,000	\$467.51	\$603.05	\$135.55	28.99%
10,000	\$1,245.21	\$1,527.59	\$282.39	22.68%

		Present Rates		Proposed Rates	
Special Residential Electric Service TOU R-201BN					
R-201 TOU					
Customer Charge	\$8.00		\$15.00		
Summer On-peak		15%		35%	
First 500, kWh	\$0.110962		0.057000		
501 -3,500, kWh	\$0.130962				
>3,500 kWh	\$0.150962				
Summer Shoulder-peak		13%			
First 500, kWh	\$0.043962				
501 -3,500, kWh	\$0.063962				
>3,500 kWh	\$0.083962				
Summer Off-peak		71%		65%	
First 500, kWh	\$0.020362		0.055600		
501 -3,500, kWh	\$0.040362				
>3,500 kWh	\$0.060362				
<u>Purchase Power & Fuel</u>					
Summer On-peak	\$0.077356		\$0.038739		
Summer Shoulder-peak	\$0.038166				
Summer Off-peak	\$0.033166		\$0.030187		
Monthly KWH Usage					
	Present Rate		Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$44.41		\$50.71	\$6.30	14.18%
600	\$62.61		\$68.56	\$5.95	9.50%
800	\$82.18		\$86.42	\$4.24	5.16%
1,000	\$103.22		\$104.27	\$1.05	1.01%
1,500	\$155.84		\$148.91	(\$6.93)	-4.45%
2,000	\$208.45		\$193.54	(\$14.91)	-7.15%
2,500	\$261.06		\$238.18	(\$22.89)	-8.77%
5,000	\$528.09		\$461.35	(\$66.73)	-12.64%
10,000	\$1,138.17		\$907.70	(\$230.47)	-20.25%
Special Residential Electric Service TOU R-201BN					
R-201 TOU					
Customer Charge	\$8.00		\$15.00		
Winter On-peak		26%		20%	
First 500, kWh	\$0.047962		\$0.043500		
501 -3,500, kWh	\$0.067962				
>3,500 kWh	\$0.087962				
Winter Off-peak		74%		80%	
First 500, kWh	\$0.016462		\$0.042600		
501 -3,500, kWh	\$0.036462				
>3,500 kWh	\$0.056462				
<u>Purchase Power & Fuel</u>					
Winter On-peak kWh	\$0.061223		\$0.034305		
Winter Off-peak kWh	\$0.017033		\$0.030599		
Monthly KWH Usage					
	Present Rate		Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$29.27		\$44.65	\$15.38	52.54%
600	\$39.90		\$59.47	\$19.57	49.04%
800	\$52.38		\$74.30	\$21.92	41.84%
1,000	\$65.97		\$89.12	\$23.15	35.08%
1,500	\$99.96		\$126.18	\$26.22	26.23%
2,000	\$134.35		\$163.24	\$28.89	21.51%
2,500	\$170.94		\$200.30	\$29.36	17.18%
5,000	\$357.87		\$385.60	\$27.73	7.75%
10,000	\$797.74		\$756.20	(\$41.54)	-5.21%

Present Rates		Proposed Rates	
Special Residential Electric Service TOU R-201CN			
R-201 TOU			
Customer Charge	\$8.00		\$15.00
Summer On-peak			
First 500, kWh	\$0.099462	17%	\$0.057000 35%
501 -3,500, kWh	\$0.117162		
>3,500 kWh	\$0.134862		
Summer Shoulder-peak			
First 500, kWh	\$0.040512	12%	
501 -3,500, kWh	\$0.058212		
>3,500 kWh	\$0.075912		
Summer Off-peak			
First 500, kWh	\$0.019626	71%	\$0.055600 65%
501 -3,500, kWh	\$0.037326		
>3,500 kWh	\$0.055026		
<u>Purchase Power & Fuel</u>			
Summer On-peak	\$0.078903		\$0.038739
Summer Shoulder-peak	\$0.038929		
Summer Off-peak	\$0.033829		\$0.030187

Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$41.14	\$50.71	\$9.57	23.27%
600	\$57.71	\$68.56	\$10.86	18.81%
800	\$75.48	\$86.42	\$10.94	14.49%
1,000	\$94.56	\$104.27	\$9.71	10.27%
1,500	\$142.26	\$148.91	\$6.64	4.67%
2,000	\$189.97	\$193.54	\$3.57	1.88%
2,500	\$237.67	\$238.18	\$0.50	0.21%
5,000	\$474.92	\$461.35	(\$13.57)	-2.86%
10,000	\$1,030.34	\$907.70	(\$122.64)	-11.90%

Special Residential Electric Service TOU R-201CN			
R-201 TOU			
Customer Charge	\$8.00		\$15.00
Winter On-peak		28%	20%
First 500, kWh	\$0.044052		\$0.043500
501 -3,500, kWh	\$0.061752		
>3,500 kWh	\$0.079452		
Winter Off-peak		72%	80%
First 500, kWh	\$0.016175		\$0.042600
501 -3,500, kWh	\$0.033875		
>3,500 kWh	\$0.051575		
<u>Purchase Power & Fuel</u>			
Winter On-peak kWh	\$0.062447		\$0.034305
Winter Off-peak kWh	\$0.017374		\$0.030599

Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
400	\$29.59	\$44.65	\$15.06	50.89%
600	\$40.39	\$59.47	\$19.09	47.26%
800	\$52.53	\$74.30	\$21.77	41.45%
1,000	\$65.87	\$89.12	\$23.25	35.30%
1,500	\$99.23	\$126.18	\$26.95	27.16%
2,000	\$133.65	\$163.24	\$29.59	22.14%
2,500	\$169.49	\$200.30	\$30.81	18.18%
5,000	\$350.45	\$385.60	\$35.16	10.03%
10,000	\$772.54	\$756.20	(\$16.34)	-2.11%

	Present Rates	Proposed Rates		
Small General Service SGS-10				
Customer Charge (Single Phase) Summer	\$8.00	\$18.00		
First 500, kWh	\$0.056236	0.076300		
>500, kWh	\$0.085145	0.097700		
<u>Purchase Power & Fuel</u>				
Summer	\$0.031550	\$0.033075		
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
3,000	\$343.63	\$399.63	\$55.99	16.29%
3,250	\$372.80	\$432.32	\$59.51	15.96%
3,500	\$401.98	\$465.01	\$63.03	15.68%
3,750	\$431.15	\$497.71	\$66.55	15.44%
4,000	\$460.33	\$530.40	\$70.07	15.22%
4,250	\$489.50	\$563.09	\$73.59	15.03%
4,500	\$518.67	\$595.79	\$77.11	14.87%
4,750	\$547.85	\$628.48	\$80.63	14.72%
5,000	\$577.02	\$661.18	\$84.15	14.58%
Small General Service SGS-10				
Customer Charge (Single Phase) Winter	\$8.00	\$18.00		
First 500, kWh	\$0.051252	\$0.056300		
>500, kWh	\$0.080145	\$0.078300		
<u>Purchase Power & Fuel</u>				
Winter	\$0.024222	\$0.030654		
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
3,000	\$306.65	\$333.86	\$27.21	8.87%
3,250	\$332.75	\$361.10	\$28.35	8.52%
3,500	\$358.84	\$388.34	\$29.50	8.22%
3,750	\$384.93	\$415.58	\$30.65	7.96%
4,000	\$411.02	\$442.82	\$31.79	7.74%
4,250	\$437.11	\$470.05	\$32.94	7.54%
4,500	\$463.21	\$497.29	\$34.09	7.36%
4,750	\$489.30	\$524.53	\$35.23	7.20%
5,000	\$515.39	\$551.77	\$36.38	7.06%
Municipal Service PS-40				
Customer Charge Summer	0.00	18.00	Proposed Discount	
First 500, kWh	\$0.057530	\$0.076300	-16.5%	
>500, kWh	\$0.000000	\$0.097700		
<u>Purchase Power & Fuel</u>				
Summer	\$0.032245	\$0.033075		
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
10,000	\$897.75	\$1,101.04	\$203.29	22.64%
12,000	\$1,077.30	\$1,319.43	\$242.13	22.48%
14,000	\$1,256.85	\$1,537.83	\$280.98	22.36%
16,000	\$1,436.40	\$1,756.22	\$319.82	22.27%
18,000	\$1,615.95	\$1,974.61	\$358.66	22.20%
20,000	\$1,795.50	\$2,193.01	\$397.51	22.14%

	Present Rates	Proposed Rates		
Municipal Service PS-40				
Customer Charge	0.00	18.00	Proposed Discount	
Winter Delivery			-16.5%	
First 500, kWh	0.053159	0.056300		
>500, kWh	0.000000	0.078300		
Purchase Power & Fuel	\$0.024745	\$0.030654		
Winter				
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
10,000	\$779.04	\$744.07	(\$34.97)	-4.49%
12,000	\$934.85	\$1,100.53	\$165.69	17.72%
14,000	\$1,090.66	\$1,282.49	\$191.83	17.59%
16,000	\$1,246.46	\$1,464.44	\$217.98	17.49%
18,000	\$1,402.27	\$1,646.39	\$244.12	17.41%
20,000	\$1,558.08	\$1,828.35	\$270.27	17.35%
Municipal Water Pumping Service PS-43 (Firm Service)				
Customer Charge	\$0.0000	\$18.00		
Summer Delivery	\$0.060347	\$0.075900		
<u>Purchase Power & Fuel</u>				
Base Power Summer	\$0.029868	\$0.033075		
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
16,000	\$1,443.44	\$1,761.60	\$318.16	22.04%
17,000	\$1,533.66	\$1,870.58	\$336.92	21.97%
18,000	\$1,623.87	\$1,979.55	\$355.68	21.90%
19,000	\$1,714.09	\$2,088.53	\$374.44	21.84%
20,000	\$1,804.30	\$2,197.50	\$393.20	21.79%
21,000	\$1,894.52	\$2,306.48	\$411.96	21.74%
Municipal Water Pumping Service PS-43 (Firm Service)				
Customer Charge	\$0.0000	\$18.00		
Winter Delivery	\$0.055731	\$0.055900		
<u>Purchase Power & Fuel</u>				
Winter	\$0.022368	\$0.030654		
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
16,000	\$1,249.58	\$1,402.86	\$153.28	12.27%
17,000	\$1,327.68	\$1,489.42	\$161.74	12.18%
18,000	\$1,405.78	\$1,575.97	\$170.19	12.11%
19,000	\$1,483.88	\$1,662.53	\$178.65	12.04%
20,000	\$1,561.98	\$1,749.08	\$187.10	11.98%
21,000	\$1,640.08	\$1,835.63	\$195.56	11.92%

		Present Rates	Proposed Rates		
Interruptible Agricultural Pumping C-31					
Customer Charge			18.0000		
Summer (all kWh)		\$0.025700	\$0.044500		
Purchase Power & Fuel					
Summer		\$0.028730	\$0.029768		
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)	
16,000	\$870.88	\$1,188.29	\$317.41	36.45%	
17,000	\$925.31	\$1,262.56	\$337.25	36.45%	
18,000	\$979.74	\$1,336.82	\$357.08	36.45%	
19,000	\$1,034.17	\$1,411.09	\$376.92	36.45%	
20,000	\$1,088.60	\$1,485.36	\$396.76	36.45%	
21,000	\$1,143.03	\$1,559.63	\$416.60	36.45%	
Interruptible Agricultural Pumping C-31					
Customer Charge			18.0000		
Winter (all kWh)		\$0.024205	\$0.024500		
Purchase Power & Fuel					
Winter		\$0.028730	\$0.027589		
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)	
16,000	\$846.96	\$833.42	(\$13.54)	-1.60%	
17,000	\$899.90	\$885.51	(\$14.39)	-1.60%	
18,000	\$952.83	\$937.59	(\$15.24)	-1.60%	
19,000	\$1,005.77	\$989.68	(\$16.08)	-1.60%	
20,000	\$1,058.70	\$1,041.77	(\$16.93)	-1.60%	
21,000	\$1,111.64	\$1,093.86	(\$17.77)	-1.60%	
Municipal Water Pumping Service PS-45 (Interruptible)					
Customer Charge			18.0000		
Summer Delivery		\$0.027281	\$0.044500		
Purchase Power & Fuel					
Summer		\$0.029868	\$0.029768		
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)	
16,000	\$914.38	\$1,206.29	\$291.90	31.92%	
17,000	\$971.53	\$1,280.56	\$309.02	31.81%	
18,000	\$1,028.68	\$1,354.82	\$326.14	31.70%	
19,000	\$1,085.83	\$1,429.09	\$343.26	31.61%	
20,000	\$1,142.98	\$1,503.36	\$360.38	31.53%	
21,000	\$1,200.13	\$1,577.63	\$377.50	31.45%	

Present Rates		Proposed Rates		
Municipal Water Pumping Service PS-45 (Interupptible)				
Customer Charge	\$0.00		\$18.00	
Winter Delivery	\$0.025911		\$0.024500	
<u>Purchase Power & Fuel</u>				
Winter	\$0.022368		\$0.027589	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
16,000	\$772.46	\$851.42	\$78.95	10.22%
17,000	\$820.74	\$903.51	\$82.76	10.08%
18,000	\$869.02	\$955.59	\$86.57	9.96%
19,000	\$917.30	\$1,007.68	\$90.38	9.85%
20,000	\$965.58	\$1,059.77	\$94.19	9.75%
21,000	\$1,013.86	\$1,111.86	\$98.00	9.67%
Mobile Home Park Service C-11				
Customer Charge	\$8.00		\$18.00	
Customer Charge (Three Phase)	\$14.00		\$24.00	
Summer (all kWh)	\$0.067290		\$0.084200	
<u>Purchase Power & Fuel</u>				
Summer	\$0.028730		\$0.033075	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
5,000	\$488.10	\$604.38	\$116.28	23.82%
6,000	\$584.12	\$721.65	\$137.53	23.54%
7,000	\$680.14	\$838.93	\$158.79	23.35%
8,000	\$776.16	\$956.20	\$180.04	23.20%
9,000	\$872.18	\$1,073.48	\$201.30	23.08%
10,000	\$968.20	\$1,190.75	\$222.55	22.99%
11,000	\$1,064.22	\$1,308.03	\$243.81	22.91%
12,000	\$1,160.24	\$1,425.30	\$265.06	22.85%
Mobile Home Park Service C-11				
Customer Charge	\$8.00		\$18.00	
Customer Charge (Three Phase)	\$14.00		\$24.00	
Winter (all kWh)	\$0.052751		\$0.064200	
<u>Purchase Power & Fuel</u>				
Winter	\$0.028730		\$0.030654	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
5,000	\$415.41	\$492.27	\$76.87	18.50%
6,000	\$496.89	\$587.12	\$90.24	18.16%
7,000	\$578.37	\$681.98	\$103.61	17.91%
8,000	\$659.85	\$776.83	\$116.98	17.73%
9,000	\$741.33	\$871.69	\$130.36	17.58%
10,000	\$822.81	\$966.54	\$143.73	17.47%
11,000	\$904.29	\$1,061.39	\$157.10	17.37%
12,000	\$985.77	\$1,156.25	\$170.48	17.29%

Present Rates		Proposed Rates			
Small General Service Time of Use SGS-76 Frozen SGS TOU					
Customer Charge	\$8.00		\$21.00		
Summer On-peak	\$0.207220	16.00%	\$0.09540	51.00%	
Summer Shoulder-peak	\$0.119884	6.00%			
Summer Off-peak	\$0.042825	78.00%	\$0.08540	49.00%	
<u>Purchase Power & Fuel</u>					
Summer On-peak	\$0.056123		\$0.038739		
Summer Shoulder-peak	\$0.056123				
Summer Off-peak	\$0.023623		\$0.030187		
Monthly KWH Usage	Present Rate		Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
4,000	\$426.10		\$521.19	\$95.10	22.32%
6,000	\$635.15		\$771.29	\$136.14	21.43%
8,000	\$844.20		\$1,021.39	\$177.19	20.99%
10,000	\$1,053.25		\$1,271.49	\$218.24	20.72%
12,000	\$1,262.30		\$1,521.58	\$259.29	20.54%
14,000	\$1,471.35		\$1,771.68	\$300.33	20.41%
16,000	\$1,680.40		\$2,021.78	\$341.38	20.32%
18,000	\$1,889.45		\$2,271.87	\$382.43	20.24%
Small General Service Time of Use SGS-76 Frozen SGS TOU					
Customer Charge	\$8.00		\$21.00		
Winter On-peak kWh	\$0.130159	21.00%	\$0.074900	40.00%	
Winter Off-peak kWh	\$0.027411	79.00%	\$0.064900	60.00%	
<u>Purchase Power & Fuel</u>					
Winter On-peak	\$0.038809		\$0.034305		
Winter Off-peak	\$0.018809		\$0.030599		
Monthly KWH Usage	Present Rate		Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
4,000	\$295.99		\$424.93	\$128.94	43.56%
6,000	\$439.98		\$626.89	\$186.91	42.48%
8,000	\$583.98		\$828.85	\$244.87	41.93%
10,000	\$727.97		\$1,030.81	\$302.84	41.60%
12,000	\$871.96		\$1,232.78	\$360.81	41.38%
14,000	\$1,015.96		\$1,434.74	\$418.78	41.22%
16,000	\$1,159.95		\$1,636.70	\$476.75	41.10%
18,000	\$1,303.95		\$1,838.66	\$534.72	41.01%

Present Rates		Proposed Rates	
Small General Service Time of Use SGS-76N			
SGS TOU			
Customer Charge	\$9.00		\$21.00
Summer On-peak		21.00%	51.00%
First 500, kWh	\$0.153751		\$0.095400
>500, kWh	\$0.182660		
Summer Shoulder-peak		18.00%	
First 500, kWh	\$0.041416		
>500, kWh	\$0.070325		
Summer Off-peak		61.00%	49.00%
First 500, kWh	\$0.027416		\$0.085400
>500, kWh	\$0.056325		
<u>Purchase Power & Fuel</u>			
Summer On-peak	\$0.052000		\$0.038739
Summer Shoulder-peak	\$0.032000		
Summer Off-peak	\$0.022000		\$0.030187

Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
4,000	\$456.45	\$521.19	\$64.75	14.19%
6,000	\$687.40	\$771.29	\$83.89	12.20%
8,000	\$918.35	\$1,021.39	\$103.04	11.22%
10,000	\$1,149.30	\$1,271.49	\$122.19	10.63%
12,000	\$1,380.25	\$1,521.58	\$141.33	10.24%
14,000	\$1,611.20	\$1,771.68	\$160.48	9.96%
16,000	\$1,842.15	\$2,021.78	\$179.63	9.75%
18,000	\$2,073.10	\$2,271.87	\$198.77	9.59%

Small General Service Time of Use SGS-76N			
SGS TOU			
Customer Charge	\$9.00		\$21.00
Winter On-peak		34.00%	40.00%
First 500, kWh	\$0.088434		\$0.074900
>500, kWh	\$0.117327		
Winter Off-peak		66.00%	60.00%
First 500, kWh	\$0.027415		\$0.064900
>500, kWh	\$0.056308		
<u>Purchase Power & Fuel</u>			
Winter On-peak kWh	\$0.032000		\$0.034305
Winter Off-peak kWh	\$0.022000		\$0.030599

Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
4,000	\$404.37	\$424.93	\$20.55	5.08%
6,000	\$597.53	\$626.89	\$29.35	4.91%
8,000	\$790.70	\$828.85	\$38.16	4.83%
10,000	\$983.86	\$1,030.81	\$46.96	4.77%
12,000	\$1,177.02	\$1,232.78	\$55.76	4.74%
14,000	\$1,370.18	\$1,434.74	\$64.56	4.71%
16,000	\$1,563.34	\$1,636.70	\$73.36	4.69%
18,000	\$1,756.51	\$1,838.66	\$82.16	4.68%

Present Rates		Proposed Rates		
Large General Service Time of Use LGS-85AF Frozen				
LGS TOU 85N				
Customer Charge	\$371.88		\$1,100.00	
Demand				
Summer On-peak kW	\$7.95		\$20.00	
Summer Shoulder-peak kW	\$5.26		\$0.00	
Summer Off-peak kW	\$3.98		\$0.00	
Summer On-peak kWh	\$0.053290	15.00%	\$0.004500 49.00%	
Summer Shoulder-peak kWh	\$0.044980	5.00%		
Summer Off-peak kWh	\$0.036667	80.00%	\$0.003700 51.00%	
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.056452		\$0.038739	
Summer Shoulder-peak	\$0.056452			
Summer Off-peak	\$0.023952		\$0.030187	
Monthly KWH Usage				
	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
100,000	\$8,964.69	\$4,966.96	(\$3,997.73)	-44.59%
125,000	\$10,785.52	\$5,928.69	(\$4,856.82)	-45.03%
145,000	\$12,451.70	\$6,698.08	(\$5,753.61)	-46.21%
165,000	\$14,117.88	\$7,467.48	(\$6,650.40)	-47.11%
185,000	\$15,784.06	\$8,236.87	(\$7,547.19)	-47.82%
190,000	\$16,200.61	\$8,429.21	(\$7,771.39)	-47.97%
Large General Service Time of Use LGS-85AF Frozen				
LGS TOU 85N				
Customer Charge	\$371.88		\$1,100.00	
Demand				
Wintn On-peak kW	\$5.26		\$18.00	
Winter Off-peak kW	\$2.63			
Winter On-peak kWh	\$0.044980	20.00%	\$0.002900 34.00%	
Winter Off-peak kWh	\$0.028356	80.00%	\$0.002000 66.00%	
<u>Purchase Power & Fuel</u>				
Winter On-peak kWh	\$0.039341		\$0.034305	
Winter Off-peak kWh	\$0.019341		\$0.030599	
Monthly KWH Usage				
	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
100,000	\$6,925.58	\$8,116.51	\$1,190.93	17.20%
125,000	\$8,347.50	\$9,129.40	\$781.90	9.37%
145,000	\$9,623.60	\$10,414.11	\$790.51	8.21%
165,000	\$10,899.70	\$11,698.81	\$799.11	7.33%
185,000	\$12,175.80	\$12,983.51	\$807.72	6.63%
190,000	\$12,494.82	\$13,304.69	\$809.87	6.48%

Present Rates		Proposed Rates		
Large General Service Time of Use LGS-85F Frozen				
LGS TOU 85N				
Customer Charge	\$371.88		\$1,100.00	
Demand				
Summer On-peak kW	\$17.32		\$20.00	
Summer Shoulder-peak kW	\$8.66			
Summer Off-peak kW	\$11.46			
Summer On-peak kWh	\$0.083765	15.00%	\$0.004500	49.00%
Summer Shoulder-peak kWh	\$0.053910	5.00%		
Summer Off-peak kWh	\$0.005693	80.00%	\$0.003700	51.00%
Purchase Power & Fuel				
Summer On-peak	\$0.056452		\$0.038739	
Summer Shoulder-peak	\$0.056452			
Summer Off-peak	\$0.023952		\$0.030187	
Monthly KWH Usage				
	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
100,000	\$8,862.55	\$8,946.96	\$84.41	0.95%
125,000	\$10,271.98	\$10,085.11	(\$186.88)	-1.82%
145,000	\$11,856.00	\$11,522.72	(\$333.28)	-2.81%
165,000	\$13,440.02	\$12,960.34	(\$479.68)	-3.57%
185,000	\$15,024.03	\$14,397.96	(\$626.08)	-4.17%
190,000	\$15,420.04	\$14,757.36	(\$662.68)	-4.30%
Large General Service Time of Use LGS-85F Frozen				
LGS TOU 85N				
Customer Charge	\$371.88		\$1,100.00	
Demand				
Winter On-peak kW	\$9.65		\$18.00	
Winter Off-peak kW	\$4.82			
Winter On-peak kWh	\$0.053910	20.00%	\$0.002900	34.00%
Winter Off-peak kWh	\$0.005693	80.00%	\$0.002000	66.00%
Purchase Power & Fuel				
Winter On-peak kWh	\$0.039341		\$0.034305	
Winter Off-peak kWh	\$0.019341		\$0.030599	
Monthly KWH Usage				
	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
100,000	\$6,168.82	\$8,116.51	\$1,947.69	31.57%
125,000	\$7,220.84	\$9,129.40	\$1,908.56	26.43%
145,000	\$8,316.67	\$10,414.11	\$2,097.43	25.22%
165,000	\$9,412.50	\$11,698.81	\$2,286.31	24.29%
185,000	\$10,508.34	\$12,983.51	\$2,475.18	23.55%
190,000	\$10,782.30	\$13,304.69	\$2,522.39	23.39%

Present Rates		Proposed Rates		
Large General Service Time of Use LGS-85N				
Customer Charge	\$371.88		\$1,100.00	
Demand				
Summer On-peak kW	\$11.87		\$20.00	
Summer Off-peak kW	\$8.24			
Summer On-peak kWh	\$0.007500	14.00%	\$0.004500	50.00%
Summer Shoulder-peak kWh	\$0.005000	14.00%		
Summer Off-peak kWh	\$0.002500	71.00%	\$0.003700	50.00%
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.059253		\$0.038739	
Summer Shoulder-peak	\$0.033588			
Summer Off-peak	\$0.025299		\$0.030187	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
100,000	\$8,570.10	\$8,956.31	\$386.20	4.51%
125,000	\$9,432.23	\$9,920.38	\$488.15	5.18%
145,000	\$10,121.93	\$10,691.64	\$569.72	5.63%
165,000	\$10,811.63	\$11,462.91	\$651.28	6.02%
185,000	\$11,661.40	\$12,622.74	\$961.34	8.24%
190,000	\$11,882.69	\$12,934.17	\$1,051.48	8.85%
Large General Service Time of Use LGS-85N				
Customer Charge	\$371.88		\$1,100.00	
Demand				
Winter On-peak kW	\$8.91		\$18.00	
Winter Off-peak kW	\$6.42			
Winter On-peak kWh	\$0.002500	26.00%	\$0.002900	35.00%
Winter Off-peak kWh	\$0.000000	74.00%	\$0.002000	65.00%
<u>Purchase Power & Fuel</u>				
Winter On-peak kWh	\$0.036088		\$0.034305	
Winter Off-peak kWh	\$0.027799		\$0.030599	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
100,000	\$6,497.49	\$8,121.11	\$1,623.62	24.99%
125,000	\$7,262.60	\$8,976.39	\$1,713.79	23.60%
145,000	\$7,874.68	\$9,660.61	\$1,785.93	22.68%
165,000	\$8,512.28	\$10,416.40	\$1,904.12	22.37%
185,000	\$9,283.04	\$11,545.66	\$2,262.62	24.37%
190,000	\$9,475.74	\$11,827.98	\$2,352.24	24.82%

Present Rates		Proposed Rates		
Large General Service I-13				
Customer Charge	\$371.88		\$900.00	
Demand Summer	\$10.35		\$21.00	
Summer kWh	\$0.025656		\$0.009100	
<u>Purchase Power & Fuel</u>				
Summer	\$0.032554		\$0.033075	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
100,000	\$8,263.28	\$9,317.50	\$1,054.22	12.76%
125,000	\$10,180.42	\$11,308.86	\$1,128.44	11.08%
145,000	\$11,749.79	\$12,974.28	\$1,224.49	10.42%
165,000	\$13,319.15	\$14,639.70	\$1,320.54	9.91%
185,000	\$14,888.52	\$16,305.11	\$1,416.60	9.51%
190,000	\$15,280.86	\$16,721.47	\$1,440.61	9.43%
Large General Service I-13				
Customer Charge	\$371.88		\$900.00	
Demand Winter	\$10.35		\$21.00	
Winter kWh	\$0.023910		\$0.008700	
<u>Purchase Power & Fuel</u>				
Winter	\$0.025054		\$0.030654	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
100,000	\$7,338.68	\$9,035.40	\$1,696.72	23.12%
125,000	\$8,920.60	\$10,745.13	\$1,824.52	20.45%
145,000	\$10,288.40	\$12,320.35	\$2,031.95	19.75%
165,000	\$11,656.19	\$13,895.57	\$2,239.37	19.21%
185,000	\$13,023.99	\$15,470.79	\$2,446.80	18.79%
190,000	\$13,365.94	\$15,864.59	\$2,498.65	18.69%
Large Light & Power I-14				
Customer Charge	\$500.00		\$2,000.00	
All Demand kW Energy	\$19.02		\$21.00	
Summer kWh	\$0.000433		\$0.009000	
<u>Purchase Power & Fuel</u>				
Summer	\$0.032577		\$0.030795	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
3,000,000	\$191,507.44	\$222,916.02	\$31,408.59	16.40%
4,000,000	\$255,176.58	\$296,554.70	\$41,378.11	16.22%
5,000,000	\$318,845.73	\$370,193.37	\$51,347.64	16.10%
6,000,000	\$382,514.88	\$443,832.05	\$61,317.17	16.03%
7,000,000	\$446,184.02	\$517,470.72	\$71,286.70	15.98%
8,000,000	\$509,853.17	\$591,109.40	\$81,256.23	15.94%

	Present Rates	Proposed Rates		
Large Light & Power I-14				
Customer Charge	\$500.00	\$2,000.00		
All Demand kW	\$19.02	\$21.00		
Energy				
Winter kWh	\$0.000433	\$0.008000		
<u>Purchase Power & Fuel</u>				
Winter	\$0.025077	\$0.028540		
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
3,000,000	\$267,270.00	\$321,620.00	\$54,350.00	20.34%
4,000,000	\$292,780.00	\$358,160.00	\$65,380.00	22.33%
5,000,000	\$318,290.00	\$394,700.00	\$76,410.00	24.01%
6,000,000	\$343,800.00	\$431,240.00	\$87,440.00	25.43%
7,000,000	\$369,310.00	\$467,780.00	\$98,470.00	26.66%
8,000,000	\$394,820.00	\$504,320.00	\$109,500.00	27.73%
Large Light & Power Time of Use I-90F Frozen LLP 90N				
Customer Charge	\$500.00	\$2,200.00		
Demand				
Summer On-peak kW	\$25.70	\$22.00		
Summer Shoulder-peak kW	\$19.45			
Summer Off-peak kW	\$13.20			
Energy				
Summer On-peak kWh	\$0.000433	16.70%	\$0.006100	49.00%
Summer Shoulder-peak kWh	\$0.000433	16.00%		
Summer Off-peak kWh	\$0.000433	67.30%	\$0.005100	51.00%
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.052983	\$0.034837		
Summer Shoulder-peak	\$0.052983			
Summer Off-peak	\$0.020483	\$0.027146		
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
2,000,000	\$146,429.87	\$146,119.74	(\$310.13)	-0.21%
3,000,000	\$219,394.80	\$218,079.60	(\$1,315.20)	-0.60%
4,000,000	\$292,359.74	\$290,039.47	(\$2,320.27)	-0.79%
5,000,000	\$365,324.67	\$361,999.34	(\$3,325.33)	-0.91%
6,000,000	\$438,289.61	\$433,959.21	(\$4,330.40)	-0.99%
7,000,000	\$511,254.54	\$505,919.08	(\$5,335.46)	-1.04%

		Present Rates		Proposed Rates		
Large Light & Power Time of Use I-90F Frozen						
LLP 90N						
Customer Charge		\$500.00		\$2,200.00		
Demand						
Winter On-peak kW		\$21.70		\$19.00		
Winter Off-peak kW		\$9.20		\$0.00		
Energy						
Winter On-peak kWh		\$0.000433	34.00%	\$0.005600	34.00%	
Winter Off-peak kWh		\$0.000433	66.00%	\$0.004600	66.00%	
Purchase Power & Fuel						
Winter On-peak kWh		\$0.035623		\$0.030849		
Winter Off-peak kWh		\$0.015623		\$0.027517		
Monthly KWH Usage						
	Monthly KWH Usage	Present Rate		Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
	2,000,000	\$116,162.04		\$130,620.69	\$14,458.65	12.45%
	3,000,000	\$173,993.06		\$194,831.04	\$20,837.98	11.98%
	4,000,000	\$231,824.08		\$259,041.39	\$27,217.31	11.74%
	5,000,000	\$289,655.10		\$323,251.74	\$33,596.64	11.60%
	6,000,000	\$347,486.12		\$387,462.08	\$39,975.96	11.50%
	7,000,000	\$405,317.14		\$451,672.43	\$46,355.29	11.44%
Large Light & Power Time of Use I-90AF Frozen						
LLP 90N						
Customer Charge		\$500.00		\$2,200.00		
Demand						
Summer On-peak kW		\$25.58		\$22.00		
Summer Shoulder-peak kW		\$18.08				
Summer Off-peak kW		\$10.58				
Energy						
Summer On-peak kWh		\$0.006203	16.00%	\$0.006100	49.00%	
Summer Shoulder-peak kWh		\$0.006203	5.00%			
Summer Off-peak kWh		\$0.006203	79.00%	\$0.005100	51.00%	
Purchase Power & Fuel						
Summer On-peak		\$0.052983		\$0.034837		
Summer Shoulder-peak		\$0.052983				
Summer Off-peak		\$0.020483		\$0.027146		
Monthly KWH Usage						
	Monthly KWH Usage	Present Rate		Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
	2,000,000	\$149,974.23		\$146,119.74	(\$3,854.49)	-2.57%
	3,000,000	\$224,711.34		\$218,079.60	(\$6,631.74)	-2.95%
	4,000,000	\$299,448.45		\$290,039.47	(\$9,408.98)	-3.14%
	5,000,000	\$374,185.57		\$361,999.34	(\$12,186.23)	-3.26%
	6,000,000	\$448,922.68		\$433,959.21	(\$14,963.47)	-3.33%
	7,000,000	\$523,659.79		\$505,919.08	(\$17,740.72)	-3.39%

Present Rates		Proposed Rates		
Large Light & Power Time of Use I-90AF Frozen LLP 90N				
Customer Charge	\$500.00		\$2,200.00	
Demand				
Winter On-peak kW	\$21.58		\$19.00	
Winter Off-peak kW	\$10.58			
Energy				
Winter On-peak kWh	\$0.006203	34.00%	\$0.005600	34.00%
Winter Off-peak kWh	\$0.006203	66.00%	\$0.004600	66.00%
<u>Purchase Power & Fuel</u>				
Winter On-peak kWh	\$0.035623		\$0.030849	
Winter Off-peak kWh	\$0.015623		\$0.027517	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
2,000,000	\$127,311.40	\$130,620.69	\$3,309.30	2.60%
3,000,000	\$190,717.10	\$194,831.04	\$4,113.95	2.16%
4,000,000	\$254,122.80	\$259,041.39	\$4,918.59	1.94%
5,000,000	\$317,528.49	\$323,251.74	\$5,723.24	1.80%
6,000,000	\$380,934.19	\$387,462.08	\$6,527.89	1.71%
7,000,000	\$444,339.89	\$451,672.43	\$7,332.54	1.65%
Large Light & Power Time of Use I-90N				
Customer Charge	\$500.00		\$2,200.00	
Demand				
Summer On-peak kW	\$20.03		\$22.00	
Summer Off-peak kW	\$10.03			
Energy				
Summer On-peak kWh	\$0.001113	8.70%	\$0.006100	47.00%
Summer Shoulder-peak kWh	\$0.001113	36.70%		
Summer Off-peak kWh	\$0.000716	54.60%	\$0.005100	53.00%
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.041786		\$0.034837	
Summer Shoulder-peak	\$0.041786			
Summer Off-peak	\$0.026872		\$0.027146	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
2,000,000	\$130,552.51	\$141,832.62	\$11,280.11	8.64%
3,000,000	\$195,578.77	\$211,648.93	\$16,070.16	8.22%
4,000,000	\$260,605.03	\$281,465.24	\$20,860.22	8.00%
5,000,000	\$325,631.28	\$351,281.55	\$25,650.27	7.88%
6,000,000	\$390,657.54	\$421,097.86	\$30,440.32	7.79%
7,000,000	\$455,683.79	\$490,914.17	\$35,230.38	7.73%

Present Rates		Proposed Rates		
Large Light & Power Time of Use I-90N				
Customer Charge Demand	\$500.00		\$2,200.00	
Winter On-peak kW	\$15		\$19	
Winter Off-peak kW	\$8		\$0	
Energy				
Winter On-peak kWh	\$0.000723	35.00%	\$0.005600	35.00%
Winter Off-peak kWh	\$0.000521	65.00%	\$0.004600	65.00%
<u>Purchase Power & Fuel</u>				
Winter On-peak kWh	\$0.027126		\$0.030849	
Winter Off-peak kWh	\$0.019542		\$0.027517	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
2,000,000	\$91,829.62	\$127,305.06	\$35,475.44	38.63%
3,000,000	\$137,494.44	\$189,857.59	\$52,363.15	38.08%
4,000,000	\$183,159.25	\$252,410.12	\$69,250.87	37.81%
5,000,000	\$228,824.06	\$314,962.65	\$86,138.59	37.64%
6,000,000	\$274,488.87	\$377,515.18	\$103,026.31	37.53%
7,000,000	\$320,153.69	\$440,067.71	\$119,914.03	37.46%
MINING				
Customer Charge Demand	\$500.00		\$2,200.00	
Summer On-peak kW	\$20.03		\$22.00	
Summer Shoulder-peak kW	\$10.03			
Summer Off-peak kW	\$10.03			
Energy				
Summer On-peak kWh	\$0.001113	40.00%	\$0.006100	47.00%
Summer Shoulder-peak kWh	\$0.001113	35.00%		
Summer Off-peak kWh	\$0.000716	25.00%	\$0.005100	53.00%
<u>Purchase Power & Fuel</u>				
Summer On-peak	\$0.041786		\$0.034837	
Summer Shoulder-peak	\$0.041786			
Summer Off-peak	\$0.026872		\$0.027146	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
20,000,000	\$1,391,666	\$1,398,526	\$6,859.96	0.49%
25,000,000	\$1,739,458	\$1,747,608	\$8,149.95	0.47%
30,000,000	\$2,087,249	\$2,096,689	\$9,439.94	0.45%
35,000,000	\$2,435,041	\$2,445,771	\$10,729.93	0.44%
40,000,000	\$2,782,832	\$2,794,852	\$12,019.92	0.43%
45,000,000	\$3,130,624	\$3,143,934	\$13,309.91	0.43%

	Present Rates		Proposed Rates	
MINING				
Customer Charge	\$500.00		\$2,200.00	
Demand				
Winter On-peak kW	\$15.03		\$19.00	
Winter Off-peak kW	\$7.53			
Energy				
Winter On-peak kWh	\$0.000723	33.00%	\$0.0056	33.00%
Winter Off-peak kWh	\$0.000521	67.00%	\$0.0046	67.00%
<u>Purchase Power & Fuel</u>				
Winter On-peak kWh	\$0.027126		\$0.030849	
Winter Off-peak kWh	\$0.019542		\$0.027517	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
20,000,000	\$910,681.85	\$1,251,517.81	\$340,835.96	37.43%
25,000,000	\$1,138,227.31	\$1,563,847.26	\$425,619.95	37.39%
30,000,000	\$1,365,772.77	\$1,876,176.71	\$510,403.94	37.37%
35,000,000	\$1,593,318.23	\$2,188,506.16	\$595,187.93	37.36%
40,000,000	\$1,820,863.69	\$2,500,835.61	\$679,971.92	37.34%
45,000,000	\$2,048,409.15	\$2,813,165.06	\$764,755.91	37.33%
Traffic Signal and Street Light Service PS-41				
Summer	\$0.045580		\$0.071500	
<u>Purchase Power & Fuel</u>				
Summer	\$0.025817		\$0.033075	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
50	\$3.57	\$5.23	\$1.66	46.47%
100	\$7.14	\$10.46	\$3.32	46.47%
250	\$17.85	\$26.14	\$8.29	46.47%
500	\$35.70	\$52.29	\$16.59	46.47%
1,000	\$71.40	\$104.58	\$33.18	46.47%
2,000	\$142.79	\$209.15	\$66.36	46.47%
2,500	\$178.49	\$261.44	\$82.95	46.47%
Traffic Signal and Street Light Service PS-41				
Winter	\$0.045580		\$0.051500	
<u>Purchase Power & Fuel</u>				
Winter	\$0.025817		\$0.030654	
Monthly KWH Usage	Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
50	\$3.57	\$4.11	\$0.54	15.07%
100	\$7.14	\$8.22	\$1.08	15.07%
250	\$17.85	\$20.54	\$2.69	15.07%
500	\$35.70	\$41.08	\$5.38	15.07%
1,000	\$71.40	\$82.15	\$10.76	15.07%
2,000	\$142.79	\$164.31	\$21.51	15.07%
2,500	\$178.49	\$205.39	\$26.89	15.07%

		Present Rates	Proposed Rates		
Lighting Service					
55Watt		\$7.39		\$10.35	
70Watt		\$7.39		\$10.35	
100 Watt		\$7.39		\$10.35	
250 Watt		\$11.09		\$15.53	
400 Watt		\$17.11		\$23.96	
Underground Service		\$14.01		\$19.63	
Pole		\$2.58		\$3.62	
Purchase Power & Fuel					
55Watt		\$0.43			
70Watt		\$0.54			
100 Watt		\$0.78			
250 Watt		\$1.94	summer	\$0.033075	
400 Watt		\$3.10	winter	\$0.030654	
Hour					
Summer					
Monthly KWH Usage		Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
10	W100	\$8.17	\$10.68	\$2.51	30.80%
20		\$8.17	\$11.01	\$2.85	34.85%
30		\$8.17	\$11.34	\$3.18	38.90%
40		\$8.17	\$11.67	\$3.51	42.95%
50		\$8.17	\$12.00	\$3.84	47.00%
60		\$8.17	\$12.33	\$4.17	51.05%
70		\$8.17	\$12.67	\$4.50	55.10%
80		\$8.17	\$13.00	\$4.83	59.15%
90		\$8.17	\$13.33	\$5.16	63.20%
Winter					
Monthly KWH Usage		Present Rate	Proposed Rate	Proposed Increase (\$)	Proposed Increase (%)
10	W100	\$8.17	\$10.66	\$2.49	30.50%
20		\$8.17	\$10.96	\$2.80	34.25%
30		\$8.17	\$11.27	\$3.10	38.01%
40		\$8.17	\$11.58	\$3.41	41.76%
50		\$8.17	\$11.88	\$3.72	45.51%
60		\$8.17	\$12.19	\$4.02	49.27%
70		\$8.17	\$12.50	\$4.33	53.02%
80		\$8.17	\$12.80	\$4.64	56.78%
90		\$8.17	\$13.11	\$4.94	60.53%

Usage Range - kWhs				Cumulative Bills		Cumulative kWhs	
Lower	Upper	Number of Bills	kWhs	Bills	Percent of Total	kWhs	Percent of Total
Residential Service - R01 - Summer (May - Oct)							
0	99	129,582	30,362,303	129,582	6.586%	30,362,300	1.465%
100	199	92,930	86,314,358	222,512	11.309%	116,676,651	5.631%
200	299	102,479	157,918,721	324,992	16.518%	274,595,358	13.253%
300	399	116,267	249,174,669	441,258	22.427%	523,770,006	25.280%
400	500	124,539	341,751,786	565,798	28.757%	865,521,763	41.775%
501	750	309,622	128,969,189	875,420	44.493%	994,490,946	47.999%
751	1,000	263,974	153,297,566	1,139,395	57.910%	1,147,788,504	55.398%
1001	1,250	211,495	157,826,443	1,350,889	68.659%	1,305,614,938	63.016%
1251	1,500	165,819	151,248,004	1,516,708	77.087%	1,456,862,934	70.316%
1501	1,750	127,089	136,974,129	1,643,798	83.546%	1,593,837,055	76.927%
1751	2,000	95,023	118,141,881	1,738,821	88.376%	1,711,978,930	82.629%
2001	2,250	68,891	97,076,024	1,807,712	91.877%	1,809,054,949	87.315%
2251	2,500	48,669	76,632,220	1,856,381	94.351%	1,885,687,165	91.013%
2501	2,750	33,710	58,683,929	1,890,091	96.064%	1,944,371,091	93.846%
2751	3,000	23,096	44,040,550	1,913,188	97.238%	1,988,411,639	95.971%
3001	3,250	15,962	33,079,619	1,929,150	98.050%	2,021,491,256	97.568%
3251	3,500	11,120	24,885,557	1,940,270	98.615%	2,046,376,812	98.769%
3501	8,500	26,883	24,627,599	1,967,153	99.981%	2,071,004,409	99.958%
8501	13,500	331	700,585	1,967,484	99.998%	2,071,704,994	99.992%
13501	18,500	29	92,792	1,967,512	99.999%	2,071,797,786	99.996%
≥18501		14	80,242	1,967,526	100.000%	2,071,878,028	100.000%
Average Number of Bills				93,692			
Average kWh Usage				98,660,865			
Average kWh usage per Number of Bills				1,053			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Residential Service - R01 - Winter (Nov - Apr)							
0	99	146,368	19,072,061	129,582	6.586%	30,362,300	1.465%
100	199	133,301	64,912,242	222,512	11.309%	116,676,651	5.631%
200	299	183,749	146,522,228	324,992	16.518%	274,595,358	13.253%
300	399	215,886	238,402,212	441,258	22.427%	523,770,006	25.280%
400	500	218,224	308,234,851	565,798	28.757%	865,521,763	41.775%
501	750	433,878	132,720,058	875,420	44.493%	994,490,946	47.999%
751	1,000	266,020	113,877,089	1,139,395	57.910%	1,147,788,504	55.398%
1001	1,250	153,788	84,759,705	1,350,889	68.659%	1,305,614,938	63.016%
1251	1,500	87,973	59,327,786	1,516,708	77.087%	1,456,862,934	70.316%
1501	1,750	50,388	40,192,479	1,643,798	83.546%	1,593,837,055	76.927%
1751	2,000	29,538	27,216,683	1,738,821	88.376%	1,711,978,930	82.629%
2001	2,250	17,445	18,236,153	1,807,712	91.877%	1,809,054,949	87.315%
2251	2,500	11,016	12,868,349	1,856,381	94.351%	1,885,687,165	91.013%
2501	2,750	6,707	8,664,211	1,890,091	96.064%	1,944,371,091	93.846%
2751	3,000	4,243	6,003,879	1,913,188	97.238%	1,988,411,639	95.971%
3001	3,250	2,656	4,086,673	1,929,150	98.050%	2,021,491,256	97.568%
3251	3,500	1,796	2,983,416	1,940,270	98.615%	2,046,376,812	98.769%
3501	8,500	4,445	4,562,516	1,967,153	99.981%	2,071,004,409	99.958%
8501	13,499	85	194,806	1,967,484	99.998%	2,071,704,984	99.992%
13500	18,499	12	42,644	1,967,512	99.999%	2,071,797,786	99.996%
18,500	23,499	4	19,003	1,967,526	100.000%	2,071,878,028	100.000%
≥23500		5	28,129				
Average Number of Bills				89,433			
Average kWh Usage				58,769,417			
Average kWh usage per Number of Bills				657			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Residential Water Heating - R02 - Sum/Win (Jan - Dec)							
0	49	2,758	94,526	2,758	11.58%	94,526	2.54%
50	99	5,924	446,283	8,682	36.45%	540,809	14.51%
100	149	5,432	660,630	14,114	59.25%	1,201,439	32.24%
150	199	3,678	619,793	17,792	74.69%	1,821,232	48.86%
200	249	2,259	487,674	20,051	84.18%	2,308,905	61.95%
250	299	1,476	387,952	21,527	90.37%	2,696,857	72.36%
300	349	836	259,146	22,362	93.88%	2,956,003	79.31%
350	399	479	171,317	22,842	95.89%	3,127,320	83.91%
400	449	269	109,302	23,111	97.02%	3,236,623	86.84%
450	499	173	78,589	23,284	97.75%	3,315,212	88.95%
500	999	455	281,425	23,739	99.66%	3,596,637	96.50%
1,000	1,499	41	46,248	23,780	99.83%	3,642,886	97.74%
1,500	1,999	17	28,933	23,797	99.91%	3,671,818	98.52%
2,000	2,499	11	22,974	23,809	99.95%	3,694,792	99.13%
2,500	2,999	5	12,722	23,814	99.97%	3,707,514	99.47%
3,000	3,499	5	15,956	23,819	100.00%	3,723,470	99.90%
≥3500		1	3,636	23,820	100.00%	3,727,106	100.00%
Average Number of Bills				1,401			
Average kWh Usage				219,242			
Average kWh usage per Number of Bills				156			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Residential Time of Use (Frozen) - R21 - Summer (May - Oct)							
0	49	54	1,005	54	0.38%	1,005	0.00%
50	99	52	4,234	107	0.74%	5,239	0.02%
100	149	50	6,623	157	1.09%	11,862	0.05%
150	199	39	7,346	196	1.36%	19,208	0.08%
200	249	61	14,408	258	1.78%	33,617	0.14%
250	299	76	21,932	334	2.31%	55,549	0.23%
300	349	108	36,405	441	3.05%	91,953	0.37%
350	399	136	53,305	578	3.99%	145,258	0.59%
400	449	146	64,814	724	5.00%	210,072	0.85%
450	499	180	88,271	903	6.25%	298,342	1.21%
500	999	2,847	2,288,695	3,750	25.92%	2,587,037	10.52%
1,000	1,499	3,426	4,389,354	7,176	49.61%	6,976,392	28.36%
1,500	1,999	2,965	5,298,149	10,141	70.10%	12,274,540	49.90%
2,000	2,499	2,006	4,608,052	12,148	83.97%	16,882,592	68.63%
2,500	2,999	1,140	3,204,578	13,288	91.86%	20,087,170	81.66%
3,000	3,499	581	1,923,775	13,869	95.87%	22,010,945	89.48%
3,500	4,499	586	2,497,351	14,455	99.92%	24,508,295	99.63%
6,500	7,499	5	36,522	14,460	99.96%	24,544,818	99.78%
7,500	8,499	3	24,237	14,463	99.98%	24,569,055	99.88%
8,500	9,499	1	9,547	14,464	99.99%	24,578,602	99.92%
≥9500		2	19,510	14,466	100.00%	24,598,111	100.00%
Average Number of Bills				689			
Average kWh Usage				1,171,339			
Average kWh usage per Number of Bills				1,700			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Residential Time of Use (Frozen) - R21 - Winter (Nov - Apr)							
0	49	43	981	43	0.296%	981	0.006%
50	99	60	4,651	103	0.710%	5,632	0.033%
100	149	49	6,084	152	1.048%	11,716	0.068%
150	199	75	13,303	226	1.565%	25,019	0.146%
200	249	80	17,744	306	2.116%	42,763	0.250%
250	299	144	39,662	450	3.108%	82,425	0.481%
300	349	216	70,164	666	4.604%	152,589	0.891%
350	399	265	99,367	931	6.437%	251,955	1.471%
400	449	314	133,256	1,245	8.608%	385,212	2.249%
450	499	396	186,665	1,641	11.345%	571,876	3.339%
500	999	5,007	3,807,799	6,648	45.958%	4,379,675	25.573%
1,000	1,499	4,102	4,992,143	10,750	74.312%	9,371,819	54.723%
1,500	1,999	2,123	3,608,871	12,873	88.986%	12,980,690	75.795%
2,000	2,499	904	1,984,340	13,777	95.237%	14,965,030	87.382%
2,500	2,999	364	975,386	14,141	97.753%	15,940,416	93.077%
3,000	3,499	177	563,315	14,318	98.980%	16,503,731	96.366%
3,500	4,499	145	600,078	14,463	99.979%	17,103,809	99.870%
6,500	7,499	2	14,400	14,465	99.993%	17,118,210	99.954%
7,500	8,499	1	7,796	14,466	100.000%	17,126,005	100.000%
Average Number of Bills					761		
Average kWh Usage					901,369		
Average kWh usage per Number of Bills					1,184		

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Residential Time of Use - R70 - Summer (May - Oct)							
0	49	227	5,368	227	0.92%	5,368	0.01%
50	99	189	14,833	416	1.69%	20,201	0.05%
100	149	211	28,223	627	2.54%	48,423	0.13%
150	199	187	34,676	814	3.30%	83,099	0.22%
200	249	230	55,242	1,044	4.23%	138,341	0.36%
250	299	310	90,145	1,354	5.49%	228,486	0.60%
300	349	376	129,141	1,729	7.01%	357,628	0.94%
350	399	366	145,237	2,095	8.50%	502,865	1.32%
400	449	440	197,694	2,535	10.28%	700,559	1.84%
450	499	471	236,419	3,006	12.19%	936,978	2.46%
500	999	5,807	4,664,988	8,813	35.74%	5,601,966	14.68%
1,000	1,499	5,640	7,396,561	14,453	58.61%	12,998,528	34.06%
1,500	1,999	4,304	7,863,819	18,757	76.06%	20,862,346	54.66%
2,000	2,499	2,828	6,630,002	21,585	87.53%	27,492,349	72.04%
2,500	2,999	1,534	4,397,607	23,119	93.75%	31,889,956	83.56%
3,000	3,499	740	2,513,470	23,860	96.76%	34,403,425	90.14%
3,500	4,499	769	3,439,162	24,629	99.88%	37,842,588	99.16%
6,500	7,499	5	36,651	24,634	99.89%	37,879,239	99.25%
7,500	8,499	9	73,057	24,643	99.93%	37,952,296	99.44%
8,500	9,499	2	18,366	24,645	99.94%	37,970,662	99.49%
9,500	10,499	6	61,215	24,650	99.96%	38,031,877	99.65%
10,500	11,499	3	33,801	24,653	99.97%	38,065,678	99.74%
11,500	12,499	3	36,690	24,656	99.98%	38,102,367	99.84%
	≥12500	4	62,605	24,660	100.00%	38,164,973	100.00%
Average Number of Bills				1,028			
Average kWh Usage				1,590,207			
Average kWh usage per Number of Bills				1,548			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Residential Time of Use - R70 - Winter (Nov - Apr)							
0	49	230	4,303	230	0.93%	4,303	0.02%
50	99	190	14,772	420	1.70%	19,076	0.08%
100	149	249	32,187	669	2.71%	51,262	0.21%
150	199	295	53,754	964	3.91%	105,017	0.43%
200	249	491	114,963	1,455	5.90%	219,980	0.90%
250	299	662	188,603	2,117	8.59%	408,583	1.67%
300	349	798	266,529	2,915	11.82%	675,112	2.77%
350	399	879	339,241	3,794	15.39%	1,014,353	4.16%
400	449	988	431,217	4,782	19.39%	1,445,571	5.92%
450	499	977	476,903	5,759	23.35%	1,922,474	7.88%
500	999	9,531	7,227,429	15,290	62.01%	9,149,903	37.49%
1,000	1,499	5,452	6,815,594	20,743	84.11%	15,965,497	65.42%
1,500	1,999	2,281	4,005,308	23,023	93.36%	19,970,804	81.83%
2,000	2,499	938	2,122,957	23,961	97.17%	22,093,761	90.53%
2,500	2,999	398	1,107,732	24,359	98.78%	23,201,493	95.07%
3,000	3,499	164	535,781	24,522	99.44%	23,737,274	97.26%
3,500	4,499	123	539,101	24,646	99.94%	24,276,376	99.47%
6,500	7,499	4	27,956	24,649	99.96%	24,304,332	99.59%
7,500	8,499	3	23,697	24,652	99.97%	24,328,029	99.68%
8,500	9,499	4	34,681	24,656	99.98%	24,362,710	99.83%
9,500	10,499	2	20,033	24,658	99.99%	24,382,743	99.91%
	≥10500	2	22,428	24,660	100.00%	24,405,171	100.00%
Average Number of Bills				1,121			
Average kWh Usage				1,109,326			
Average kWh usage per Number of Bills				990			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Residential R201AN - Summer (May - Oct)							
0	50	1,108	33,123	1,108	409.30%	33,123	0.09%
51	100	750	99,602	1,858	686.43%	132,724	0.37%
101	150	691	149,570	2,549	7.78%	282,293	0.79%
151	200	600	182,255	3,149	9.81%	464,548	1.30%
201	250	612	238,403	3,760	11.47%	702,950	1.96%
251	300	616	292,842	4,376	13.35%	995,791	2.78%
301	350	663	370,667	5,039	15.38%	1,366,457	3.81%
351	400	721	464,566	5,760	17.58%	1,831,021	5.10%
401	450	737	537,749	6,497	19.83%	2,368,768	6.60%
451	500	800	652,984	7,297	22.27%	3,021,749	8.42%
501	750	4,697	2,897,384	11,995	36.60%	5,919,132	16.50%
751	1,000	4,987	4,286,724	16,981	51.82%	10,205,854	28.45%
1,001	1,250	4,481	4,936,840	21,462	65.49%	15,142,693	42.22%
1,251	1,500	3,622	4,873,244	25,084	76.54%	20,015,935	55.80%
1,501	1,750	2,702	4,291,574	27,786	84.79%	24,307,508	67.77%
1,751	2,000	1,843	3,375,144	29,629	90.41%	27,682,651	77.18%
2,001	2,250	1,200	2,486,297	30,829	94.07%	30,168,947	84.11%
2,251	2,500	725	1,684,497	31,554	96.28%	31,853,443	88.81%
2,501	2,750	477	1,227,073	32,031	97.74%	33,080,515	92.23%
2,751	3,000	271	759,867	32,302	98.57%	33,840,382	94.35%
3,001	3,250	157	481,769	32,459	99.05%	34,322,151	95.69%
3,251	3,500	87	288,113	32,546	99.31%	34,610,263	96.49%
≥3501		226	1,257,571	32,772	100.00%	35,867,834	100.00%
Average Number of Bills				1,425			
Average kWh Usage				1,559,472			
Average kWh usage per Number of Bills				1,094			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Residential R201AN - Winter (Nov - Apr)							
0	50	1,173	34,580	1,173	3.58%	34,580	0.13%
51	100	929	107,016	2,103	6.42%	141,597	0.53%
101	150	838	157,081	2,941	8.97%	298,679	1.13%
151	200	709	184,759	3,650	11.14%	483,438	1.82%
201	250	743	247,893	4,393	13.40%	731,332	2.76%
251	300	776	318,234	5,169	15.77%	1,049,568	3.96%
301	350	901	436,396	6,070	18.52%	1,485,965	5.60%
351	400	1,046	583,573	7,116	21.71%	2,069,540	7.80%
401	450	1,180	730,256	8,276	25.25%	2,799,800	10.56%
451	500	1,239	873,345	9,515	29.03%	3,673,148	13.85%
501	750	7,035	4,181,677	16,550	50.50%	7,854,828	29.61%
751	1,000	6,339	5,225,154	22,889	69.84%	13,079,986	49.31%
1,001	1,250	4,474	4,722,772	27,363	83.50%	17,802,761	67.12%
1,251	1,500	2,541	3,277,985	29,904	91.25%	21,080,748	79.48%
1,501	1,750	1,360	2,075,657	31,264	95.40%	23,156,406	87.30%
1,751	2,000	641	1,127,210	31,905	97.35%	24,283,616	91.55%
2,001	2,250	359	715,010	32,264	98.45%	24,998,627	94.25%
2,251	2,500	182	407,116	32,446	99.00%	25,405,743	95.78%
2,501	2,750	118	290,287	32,563	99.36%	25,696,030	96.88%
2,751	3,000	75	204,036	32,639	99.59%	25,900,067	97.65%
3,001	3,250	41	122,032	32,680	99.72%	26,022,099	98.11%
3,251	3,500	20	63,933	32,700	99.78%	26,086,032	98.35%
≥3501		72	438,283	32,772	100.00%	26,524,315	100.00%

Average Number of Bills 1,425
 Average kWh Usage 1,153,230
 Average kWh usage per Number of Bills 809

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Residential Time of Use R201BN - Summer (May - Oct)							
51	100	5	699	5	1.47%	699	0.13%
101	150	3	723	8	2.35%	1,422	0.27%
151	200	5	1,751	13	3.82%	3,173	0.60%
201	250	3	1,283	16	4.71%	4,456	0.84%
251	300	5	2,692	21	6.18%	7,148	1.35%
301	350	4	2,627	26	7.35%	9,775	1.84%
351	400	6	4,435	32	9.12%	14,210	2.68%
401	450	5	4,207	37	10.59%	18,417	3.47%
451	500	2	1,854	39	11.18%	20,271	3.82%
501	750	31	21,309	70	20.00%	41,580	7.83%
751	1,000	47	44,929	117	33.53%	86,509	16.29%
1,001	1,250	57	69,377	174	50.00%	155,886	29.35%
1,251	1,500	48	72,105	222	63.82%	227,991	42.92%
1,501	1,750	37	66,077	259	74.41%	294,067	55.36%
1,751	2,000	31	63,247	290	83.24%	357,314	67.27%
2,001	2,250	16	37,649	306	87.94%	394,963	74.35%
2,251	2,500	15	39,357	321	92.35%	434,321	81.76%
2,501	2,750	3	8,480	324	93.24%	442,800	83.36%
2,751	3,000	8	25,463	333	95.59%	468,264	88.15%
3,001	3,250	5	17,114	338	97.06%	485,377	91.38%
3,251	3,500	4	15,198	342	98.24%	500,576	94.24%
≥3501		6	30,611	348	100.00%	531,186	100.00%
Average Number of Bills				16			
Average kWh Usage				24,145			
Average kWh usage per Number of Bills				1,526			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Residential Time of Use R201BN- Winter (Nov - Apr)							
101	150	1	94	1	0.29%	94	0.03%
151	200	2	204	3	0.87%	299	0.08%
201	250	2	295	5	1.46%	594	0.16%
251	300	2	345	7	2.04%	939	0.25%
301	350	6	1,253	13	3.79%	2,192	0.59%
351	400	11	2,650	24	7.00%	4,842	1.31%
401	450	8	2,115	32	9.33%	6,957	1.88%
451	500	4	1,201	37	10.50%	8,158	2.20%
501	750	57	34,099	93	26.82%	42,257	11.40%
751	1,000	79	67,396	172	49.56%	109,653	29.57%
1,001	1,250	71	77,192	243	69.97%	186,845	50.39%
1,251	1,500	44	56,845	287	82.51%	243,690	65.72%
1,501	1,750	17	27,241	304	87.46%	270,931	73.07%
1,751	2,000	13	23,488	318	91.25%	294,419	79.40%
2,001	2,250	10	20,861	328	94.17%	315,280	85.03%
2,251	2,500	8	18,610	336	96.50%	333,890	90.05%
2,501	2,750	2	4,983	338	97.08%	338,873	91.39%
2,751	3,000	5	13,926	343	98.54%	352,798	95.14%
3,001	3,250	3	9,247	346	99.42%	362,045	97.64%
3,251	3,500	1	3,271	347	99.71%	365,316	98.52%
≥3501		1	5,486	348	100.00%	370,802	100.00%

Average Number of Bills 17
 Average kWh Usage 17,657
 Average kWh usage per Number of Bills 1,066

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Residential Time of Use R201CN -Summer (May - Oct)							
0	50	83	20	83	2.38%	20	0.02%
51	100	41	94	124	3.57%	114	0.13%
101	150	83	442	206	5.95%	657	0.66%
151	200	41	315	248	7.14%	872	1.03%
201	250	41	457	289	8.33%	1,329	1.57%
251	300	124	1,539	413	11.90%	2,868	3.39%
301	350	83	1,172	495	14.29%	4,040	4.77%
401	450	165	3,100	660	19.05%	7,141	8.43%
451	500	83	1,773	743	21.43%	8,914	10.53%
501	750	454	3,133	1,196	34.52%	12,047	14.23%
751	1,000	660	6,294	1,856	53.57%	18,341	21.66%
1,001	1,250	743	8,965	2,599	75.00%	27,306	32.25%
1,251	1,500	413	6,389	3,011	86.90%	33,695	39.80%
1,501	1,750	248	4,378	3,259	94.05%	38,073	44.97%
1,751	2,000	83	1,688	3,341	96.43%	39,761	46.96%
	≥2001	124	44,909	3,465	100.00%	84,670	100.00%
Average Number of Bills				217			
Average kWh Usage				5,292			
Average kWh usage per Number of Bills				24			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Residential Time of Use R201CN - Winter (Nov - Apr)							
151	200	8	1,392	8	4.88%	1,392	2.02%
201	250	4	947	12	7.32%	2,339	3.40%
251	300	2	578	14	8.54%	2,917	4.24%
301	350	4	1,337	18	10.98%	4,254	6.18%
351	400	4	1,536	22	13.41%	5,790	8.41%
401	450	10	4,390	32	19.51%	10,180	14.79%
451	500	4	1,962	36	21.95%	12,141	17.64%
501	750	36	5,507	72	43.90%	17,649	25.64%
751	1,000	48	10,418	120	73.17%	28,067	40.78%
1,001	1,250	28	7,539	148	90.24%	35,606	51.74%
1,251	1,500	12	4,046	160	97.56%	39,652	57.62%
	≥1501	4	29,167	165	100.00%	68,819	100.00%
Average Number of Bills					14		
Average kWh Usage					5,735		
Average kWh usage per Number of Bills					418		

Usage Range - kWhs				Cumulative Bills		Cumulative kWhs	
Lower	Upper	Number of Bills	kWhs	Bills	Percent of Total	kWhs	Percent of Total
General Service - C10 - Summer (May - Oct)							
0	49	22,359	323,669	22,359	10.68%	323,669	0.03%
50	99	8,966	702,863	31,326	14.96%	1,026,532	0.10%
100	149	6,517	830,249	37,843	18.07%	1,856,780	0.18%
150	199	5,045	896,762	42,887	20.48%	2,753,542	0.27%
200	249	4,251	971,563	47,138	22.51%	3,725,105	0.37%
250	299	3,961	1,107,065	51,099	24.40%	4,832,170	0.48%
300	349	3,804	1,252,249	54,903	26.22%	6,084,419	0.60%
350	399	3,710	1,408,954	58,613	27.99%	7,493,373	0.74%
400	449	3,617	1,556,410	62,231	29.72%	9,049,783	0.90%
450	500	3,667	1,761,556	65,898	31.47%	10,811,340	1.07%
501	10,500	122,642	338,250,170	188,540	90.03%	349,061,509	34.55%
10,501	20,500	10,194	147,860,360	198,734	94.90%	496,921,870	49.18%
20,501	30,500	4,174	104,494,855	202,908	96.89%	601,416,725	59.53%
30,501	40,500	2,191	77,233,354	205,099	97.94%	678,650,079	67.17%
40,501	50,500	1,462	66,402,635	206,561	98.64%	745,052,714	73.74%
50,501	60,500	930	51,359,758	207,491	99.08%	796,412,473	78.83%
60,501	70,500	513	33,471,574	208,004	99.33%	829,884,046	82.14%
70,501	80,500	297	22,491,307	208,301	99.47%	852,375,353	84.37%
80,501	90,500	191	16,326,594	208,492	99.56%	868,701,947	85.98%
90,501	100,500	179	17,088,160	208,671	99.65%	885,790,106	87.67%
100,000	199,999	606	81,669,649	209,277	99.94%	967,459,755	95.76%
200,000	299,999	92	22,230,256	209,369	99.98%	989,690,011	97.96%
300,000	399,999	19	6,492,854	209,388	99.99%	996,182,865	98.60%
400,000	499,999	11	4,838,090	209,399	99.99%	1,001,020,955	99.08%
500,000	599,999	4	2,120,495	209,403	100.00%	1,003,141,450	99.29%
≥600,000		9	7,195,939	209,412	100.00%	1,010,337,389	100.00%
Average Number of Bills					8,054		
Average kWh Usage					38,859,130		
Average kWh usage per Number of Bills					4,825		

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
General Service - C10 - Winter (Nov - Apr)							
0	49	22,547	335,002	22,547	10.77%	335,002	0.04%
50	99	9,779	760,813	32,326	15.44%	1,095,816	0.14%
100	149	7,443	945,442	39,769	18.99%	2,041,257	0.27%
150	199	5,849	1,029,340	45,618	21.78%	3,070,597	0.41%
200	249	4,938	1,120,769	50,556	24.14%	4,191,366	0.55%
250	299	4,799	1,328,051	55,355	26.43%	5,519,417	0.73%
300	349	4,753	1,551,531	60,107	28.70%	7,070,948	0.93%
350	399	4,648	1,752,133	64,755	30.92%	8,823,081	1.16%
400	449	4,587	1,957,141	69,342	33.11%	10,780,222	1.42%
450	500	4,650	2,213,540	73,992	35.33%	12,993,762	1.71%
501	10,500	120,059	297,317,453	194,051	92.66%	310,311,216	40.93%
10,501	20,500	7,839	113,014,824	201,890	96.41%	423,326,040	55.84%
20,501	30,500	3,219	80,094,897	205,110	97.95%	503,420,937	66.41%
30,501	40,500	1,838	63,848,555	206,947	98.82%	567,269,492	74.83%
40,501	50,500	870	39,032,962	207,817	99.24%	606,302,454	79.98%
50,501	60,500	468	25,555,476	208,286	99.46%	631,857,931	83.35%
60,501	70,500	273	17,744,030	208,559	99.59%	649,601,961	85.69%
70,501	80,500	175	13,076,783	208,734	99.68%	662,678,744	87.42%
80,501	90,500	103	8,836,445	208,837	99.73%	671,515,189	88.58%
90,501	100,500	99	9,409,864	208,937	99.77%	680,925,053	89.82%
100,000	199,999	400	52,874,584	209,337	99.96%	733,799,637	96.80%
200,000	299,999	51	12,038,115	209,388	99.99%	745,837,753	98.38%
300,000	399,999	8	2,855,048	209,396	99.99%	748,692,801	98.76%
400,000	499,999	9	4,173,948	209,405	100.00%	752,866,749	99.31%
500,000	599,999	1	534,007	209,406	100.00%	753,400,756	99.38%
≥600,000		6	4,681,325	209,412	100.00%	758,082,082	100.00%
Average Number of Bills				8,054			
Average kWh Usage				29,157,003			
Average kWh usage per Number of Bills				3,620			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
General Service Mobile Home Parks - C11 - Summer (May - Oct)							
0	999	128	31,298	128	3.29%	31,298	0.10%
1,000	1,999	258	201,615	386	9.91%	232,913	0.75%
2,000	2,999	262	336,479	648	16.63%	569,393	1.83%
3,000	3,999	273	499,943	921	23.64%	1,069,336	3.43%
4,000	4,999	258	606,741	1,179	30.26%	1,676,077	5.37%
5,000	5,999	201	578,211	1,379	35.41%	2,254,288	7.23%
6,000	6,999	201	678,564	1,580	40.56%	2,932,851	9.40%
7,000	7,999	180	700,743	1,759	45.17%	3,633,594	11.65%
8,000	8,999	149	660,501	1,908	48.99%	4,294,095	13.77%
9,000	9,999	185	915,850	2,094	53.75%	5,209,945	16.70%
10,000	10,999	124	682,323	2,218	56.94%	5,892,268	18.89%
11,000	11,999	136	812,043	2,353	60.42%	6,704,311	21.49%
12,000	12,999	120	785,445	2,474	63.51%	7,489,757	24.01%
13,000	13,999	118	834,057	2,592	66.55%	8,323,814	26.68%
14,000	14,999	113	854,323	2,705	69.45%	9,178,137	29.42%
15,000	15,999	113	914,878	2,817	72.34%	10,093,015	32.36%
16,000	16,999	86	739,364	2,903	74.55%	10,832,379	34.73%
17,000	17,999	97	893,998	3,001	77.05%	11,726,377	37.59%
18,000	18,999	74	719,641	3,075	78.96%	12,446,018	39.90%
19,000	19,999	73	739,935	3,148	80.82%	13,185,953	42.27%
20,000	20,999	53	572,599	3,201	82.20%	13,758,552	44.11%
21,000	21,999	52	576,576	3,253	83.52%	14,335,129	45.96%
22,000	22,999	52	604,725	3,305	84.85%	14,939,853	47.89%
23,000	23,999	46	563,648	3,350	86.02%	15,503,501	49.70%
24,000	24,999	59	755,617	3,410	87.54%	16,259,119	52.12%
25,000	25,999	48	635,893	3,457	88.77%	16,895,012	54.16%
26,000	26,999	40	554,892	3,497	89.80%	17,449,904	55.94%
27,000	27,999	31	436,860	3,528	90.58%	17,886,764	57.34%
28,000	28,999	25	370,037	3,553	91.22%	18,256,801	58.53%
29,000	29,999	34	529,519	3,587	92.10%	18,786,320	60.22%
30,000	34,999	94	1,571,054	3,681	94.51%	20,357,375	65.26%
35,000	39,999	57	1,106,691	3,738	95.98%	21,464,066	68.81%
40,000	44,999	32	723,672	3,771	96.81%	22,187,738	71.13%
45,000	45,999	23	567,946	3,794	97.40%	22,755,684	72.95%
50,000	59,999	17	492,400	3,811	97.84%	23,248,084	74.53%
60,000	69,999	8	256,064	3,818	98.04%	23,504,148	75.35%
70,000	79,999	6	217,980	3,824	98.19%	23,722,127	76.05%
≥80,000		71	7,471,661	3,895	100.00%	31,193,789	100.00%

Average Number of Bills 102
 Average kWh Usage 820,889
 Average kWh usage per Number of Bills 8,009

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
General Service Mobile Home Parks - C11 - Winter (Nov - Apr)							
0	999	181	53,400	181	4.65%	53,400	0.19%
1,000	1,999	307	242,381	488	12.54%	295,781	1.06%
2,000	2,999	288	373,819	776	19.93%	669,600	2.39%
3,000	3,999	290	532,399	1,066	27.38%	1,201,999	4.30%
4,000	4,999	282	664,995	1,348	34.62%	1,866,994	6.68%
5,000	5,999	254	726,459	1,602	41.14%	2,593,453	9.27%
6,000	6,999	223	757,864	1,825	46.87%	3,351,317	11.98%
7,000	7,999	248	978,428	2,073	53.23%	4,329,745	15.48%
8,000	8,999	233	1,034,344	2,306	59.21%	5,364,090	19.18%
9,000	9,999	231	1,145,419	2,537	65.13%	6,509,508	23.28%
10,000	10,999	168	919,635	2,705	69.44%	7,429,143	26.57%
11,000	11,999	156	942,128	2,861	73.46%	8,371,271	29.94%
12,000	12,999	160	1,047,205	3,021	77.57%	9,418,476	33.68%
13,000	13,999	111	779,904	3,132	80.41%	10,198,380	36.47%
14,000	14,999	86	650,986	3,218	82.62%	10,849,366	38.80%
15,000	15,999	78	636,180	3,296	84.62%	11,485,546	41.07%
16,000	16,999	71	606,605	3,366	86.43%	12,092,151	43.24%
17,000	17,999	55	507,578	3,422	87.86%	12,599,729	45.06%
18,000	18,999	57	553,151	3,479	89.32%	13,152,880	47.04%
19,000	19,999	38	388,565	3,517	90.30%	13,541,445	48.42%
20,000	20,999	34	367,670	3,551	91.19%	13,909,115	49.74%
21,000	21,999	31	344,973	3,582	91.97%	14,254,088	50.97%
22,000	22,999	40	470,221	3,622	93.00%	14,724,309	52.65%
23,000	23,999	29	351,909	3,651	93.73%	15,076,218	53.91%
24,000	24,999	23	292,932	3,674	94.32%	15,369,150	54.96%
25,000	25,999	8	102,502	3,681	94.52%	15,471,652	55.33%
26,000	26,999	11	158,771	3,693	94.81%	15,630,424	55.90%
27,000	27,999	21	300,180	3,714	95.35%	15,930,603	56.97%
28,000	28,999	8	114,051	3,721	95.54%	16,044,654	57.38%
29,000	29,999	10	146,864	3,731	95.79%	16,191,519	57.90%
30,000	34,999	31	512,289	3,761	96.57%	16,703,808	59.73%
35,000	39,999	25	487,910	3,786	97.21%	17,191,718	61.48%
40,000	44,999	11	256,296	3,798	97.50%	17,448,013	62.39%
45,000	49,999	11	279,839	3,809	97.80%	17,727,852	63.40%
50,000	59,999	8	222,017	3,817	97.99%	17,949,869	64.19%
	≥60,000	78	10,013,944	3,895	100.00%	27,963,813	100.00%
Average Number of Bills				108			
Average kWh Usage				776,773			
Average kWh usage per Number of Bills				7,180			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Interruptible Agricultural Pumping - C31 - Summer (May - Oct)							
0	1,999	5	4,249	5	2.24%	4,249	0.04%
2,000	3,999	12	37,477	17	7.62%	41,726	0.36%
4,000	5,999	11	54,051	28	12.56%	95,777	0.83%
6,000	7,999	12	81,067	40	17.94%	176,844	1.53%
8,000	9,999	12	106,653	52	23.32%	283,496	2.45%
10,000	11,999	10	111,130	62	27.80%	394,626	3.41%
12,000	13,999	7	92,655	69	30.94%	487,282	4.22%
15,000	24,999	16	346,353	85	38.12%	833,635	7.21%
25,000	34,999	9	293,589	94	42.15%	1,127,225	9.75%
35,000	44,999	23	906,400	117	52.47%	2,033,624	17.60%
45,000	54,999	20	998,115	137	61.43%	3,031,739	26.23%
55,000	64,999	13	787,712	150	67.26%	3,819,452	33.05%
65,000	74,999	10	717,524	160	71.75%	4,536,976	39.26%
75,000	84,999	8	631,831	168	75.34%	5,168,807	44.73%
85,000	94,999	10	888,631	178	79.82%	6,057,438	52.41%
95,000	104,999	9	903,575	187	83.86%	6,961,013	60.23%
105,000	114,999	9	997,875	196	87.89%	7,958,888	68.87%
115,000	124,999	11	1,321,874	207	92.83%	9,280,762	80.31%
125,000	134,999	5	649,443	212	95.07%	9,930,205	85.93%
135,000	144,999	6	839,766	218	97.76%	10,769,971	93.19%
	≥145000	5	786,729	223	100.00%	11,556,700	100.00%
Average Number of Bills				11			
Average kWh Usage				550,319			
Average kWh usage per Number of Bills				51,824			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Interruptible Agricultural Pumping - C31 - Winter (Nov - Apr)							
0	1,999	34	22,393	34	22.08%	22,393	0.80%
2000	3,999	20	59,395	54	35.06%	81,788	2.91%
4,000	5,999	14	67,201	68	44.16%	148,989	5.30%
6,000	7,999	13	87,455	81	52.80%	236,444	8.42%
8,000	9,999	13	114,806	94	61.04%	351,250	12.50%
10,000	11,999	5	53,916	99	64.29%	405,166	14.42%
12,000	13,999	1	13,761	100	64.94%	418,927	14.91%
14,000	15,999	1	14,311	101	65.58%	433,238	15.42%
15,000	24,999	22	464,520	123	79.87%	897,758	31.96%
25,000	34,999	4	130,572	127	82.47%	1,028,330	36.61%
35,000	44,999	6	232,483	133	86.36%	1,260,813	44.89%
45,000	54,999	3	146,771	136	88.31%	1,407,584	50.11%
55,000	64,999	4	237,279	140	90.91%	1,644,863	58.56%
65,000	74,999	6	409,567	146	94.81%	2,054,430	73.14%
75,000	84,999	1	78,398	147	95.45%	2,132,829	75.93%
85,000	94,999	4	344,733	151	98.05%	2,477,562	88.20%
	≥95000	3	331,365	154	100.00%	2,808,927	100.00%
Average Number of Bills				9			
Average kWh Usage				165,231			
Average kWh usage per Number of Bills				18,240			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
General Service Time of Use - C76 - Summer (May - Oct)							
0	99	862	39,644	862	17.35%	39,644	0.06%
100	199	359	58,308	1,221	24.57%	97,952	0.16%
200	299	132	31,490	1,353	27.22%	129,442	0.21%
300	399	69	25,895	1,421	28.61%	155,337	0.25%
400	499	72	32,740	1,493	30.05%	188,077	0.31%
501	10,500	1,874	9,283,860	3,367	67.78%	9,471,937	15.39%
10,501	20,500	384	6,237,183	3,751	75.51%	15,709,120	25.52%
20,501	30,500	620	16,528,472	4,371	87.98%	32,237,591	52.38%
30,501	40,500	290	10,336,514	4,661	93.81%	42,574,106	69.17%
40,501	50,500	131	6,135,143	4,792	96.45%	48,709,248	79.14%
50,501	60,500	78	4,404,973	4,869	98.01%	53,114,221	86.30%
60,501	70,500	50	3,398,820	4,920	99.02%	56,513,041	91.82%
70,501	80,500	16	1,274,887	4,936	99.36%	57,787,928	93.89%
80,501	90,500	6	507,866	4,942	99.47%	58,295,794	94.71%
90,501	100,500	2	189,567	4,944	99.51%	58,485,360	95.02%
100,501	110,500	8	846,832	4,952	99.67%	59,332,193	96.40%
110,501	120,500	10	1,173,443	4,961	99.86%	60,505,635	98.30%
120,501	130,500	2	249,757	4,963	99.90%	60,755,392	98.71%
130,501	140,500	1	134,327	4,964	99.92%	60,889,719	98.93%
≥140,501		4	659,217	4,968	100.00%	61,548,937	100.00%
Average Number of Bills				248			
Average kWh Usage				3,077,447			
Average kWh usage per Number of Bills				12,389			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
General Service Time of Use - C76 - Winter (Nov - Apr)							
0	99	756	40,896	756	15.22%	40,896	0.08%
100	199	293	44,268	1,049	21.12%	85,164	0.17%
200	299	260	66,346	1,309	26.35%	151,510	0.29%
300	399	103	36,515	1,412	28.43%	188,025	0.36%
400	499	54	25,292	1,466	29.52%	213,316	0.41%
501	10,500	1,991	8,755,882	3,457	69.59%	8,969,198	17.40%
10,501	20,500	497	8,110,333	3,954	79.58%	17,079,531	33.13%
20,501	30,500	623	16,365,999	4,577	92.13%	33,445,530	64.88%
30,501	40,500	235	8,402,576	4,812	96.85%	41,848,105	81.18%
40,501	50,500	83	3,932,698	4,895	98.52%	45,780,803	88.81%
50,501	60,500	31	1,754,467	4,925	99.14%	47,535,270	92.22%
60,501	70,500	12	787,744	4,937	99.38%	48,323,014	93.75%
70,501	80,500	10	752,919	4,947	99.57%	49,075,933	95.21%
80,501	90,500	3	253,367	4,950	99.63%	49,329,299	95.70%
90,501	100,500	1	96,610	4,951	99.65%	49,425,910	95.89%
100,501	110,500	7	731,737	4,957	99.79%	50,157,646	97.31%
110,501	120,500	7	807,325	4,964	99.92%	50,964,971	98.87%
	≥120,501	4	581,761	4,968	100.00%	51,546,732	100.00%
Average Number of Bills				276			
Average kWh Usage				2,863,707			
Average kWh usage per Number of Bills				10,376			

Usage Range - kWhs				Cumulative Bills		Cumulative kWhs	
Lower	Upper	Number of Bills	kWhs	Bills	Percent of Total	kWhs	Percent of Total
General Service Time of Use - C76N - Summer (May - Oct)							
0	99	46	3,209	46	8%	3,209	0.04%
100	199	15	7,007	61	11%	10,216	0.13%
200	299	19	12,591	80	14%	22,807	0.29%
300	399	5	5,266	84	15%	28,073	0.35%
400	500	13	16,028	97	17%	44,100	0.55%
501	10,500	208	1,006,170	306	53%	1,050,270	13.15%
10,501	20,500	125	1,820,026	431	75%	2,870,296	35.93%
20,501	30,500	64	1,572,375	495	86%	4,442,672	55.61%
30,501	40,500	36	1,249,721	532	92%	5,692,393	71.25%
40,501	50,500	22	959,251	554	96%	6,651,643	83.26%
50,501	60,500	9	507,770	563	98%	7,159,413	89.61%
60,501	70,500	11	659,798	574	100%	7,819,211	97.87%
	≥70501	2	169,904	576	100%	7,989,115	100.00%

Average Number of Bills 44
 Average kWh Usage 614,547
 Average kWh usage per Number of Bills 13,870

General Service Time of Use - C76N - Winter (Nov - Apr)							
0	99	39	3,079	39	7%	3,080	0.05%
100	199	23	12,781	62	11%	15,861	0.27%
200	299	10	7,829	71	12%	23,691	0.41%
300	399	8	10,862	80	14%	34,553	0.59%
400	500	7	11,686	87	15%	46,240	0.79%
501	10,500	289	1,371,545	375	65%	1,417,793	24.29%
10,501	20,500	116	1,655,287	492	85%	3,073,091	52.65%
20,501	30,500	43	1,053,589	534	93%	4,126,687	70.71%
30,501	40,500	23	782,378	557	97%	4,909,070	84.11%
40,501	50,500	11	459,945	568	99%	5,369,018	91.99%
50,501	60,500	7	396,492	575	100%	5,765,512	98.78%
	≥60501	1	70,926	576	100%	5,836,438	100.00%

Average Number of Bills 48
 Average kWh Usage 486,367
 Average kWh usage per Number of Bills 10,133

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Large General Service - I13 - Summer (May - Oct)							
0	1,999	3	2,013	3	0.09%	2,013	0.00%
2,000	3,999	11	35,658	14	0.42%	37,670	0.01%
4,000	5,999	5	24,152	18	0.57%	61,822	0.01%
6,000	7,999	-	-	18	0.57%	61,822	0.01%
8,000	9,999	1	8,372	19	0.60%	70,194	0.01%
10,000	19,999	35	565,936	54	1.68%	636,131	0.11%
20,000	29,999	65	1,718,292	119	3.70%	2,354,423	0.40%
30,000	39,999	80	2,948,012	199	6.20%	5,302,435	0.90%
40,000	49,999	113	5,374,383	312	9.71%	10,676,818	1.81%
50,000	59,999	198	11,380,339	510	15.88%	22,057,157	3.74%
60,000	69,999	209	14,166,980	718	22.38%	36,224,137	6.15%
70,000	79,999	175	13,640,588	893	27.82%	49,864,725	8.46%
80,000	89,999	176	15,540,907	1,069	33.29%	65,405,632	11.10%
90,000	99,999	183	18,126,037	1,252	39.01%	83,531,669	14.17%
100,000	109,999	169	18,453,938	1,421	44.27%	101,985,607	17.30%
110,000	119,999	148	17,743,623	1,569	48.87%	119,729,230	20.31%
120,000	129,999	124	16,097,275	1,692	52.72%	135,826,505	23.04%
130,000	139,999	120	16,796,836	1,812	56.45%	152,623,341	25.89%
140,000	149,999	90	13,550,110	1,902	59.25%	166,173,450	28.19%
150,000	159,999	73	11,833,116	1,975	61.53%	178,006,566	30.20%
160,000	169,999	80	13,795,096	2,055	64.03%	191,801,662	32.54%
170,000	179,999	98	17,944,734	2,154	67.10%	209,746,397	35.59%
180,000	189,999	87	16,774,684	2,241	69.80%	226,521,081	38.43%
190,000	199,999	71	14,548,463	2,312	72.03%	241,069,544	40.90%
200,000	209,999	69	14,617,606	2,381	74.17%	255,687,150	43.38%
210,000	219,999	72	16,255,128	2,453	76.42%	271,942,278	46.14%
220,000	229,999	52	12,197,416	2,505	78.05%	284,139,694	48.21%
230,000	239,999	55	13,496,166	2,560	79.76%	297,635,859	50.50%
240,000	249,999	44	11,327,231	2,605	81.14%	308,963,090	52.42%
250,000	259,999	46	12,325,576	2,651	82.59%	321,288,666	54.51%
260,000	269,999	37	10,148,838	2,688	83.73%	331,437,505	56.23%
270,000	279,999	39	11,096,639	2,726	84.93%	342,534,144	58.11%
280,000	289,999	23	6,871,566	2,749	85.65%	349,405,710	59.28%
290,000	299,999	36	10,988,886	2,785	86.77%	360,394,596	61.15%
300,000	399,999	180	63,647,234	2,965	92.36%	424,041,829	71.94%
400,000	499,999	93	43,802,901	3,057	95.25%	467,844,731	79.34%
500,000	599,999	61	34,434,083	3,118	97.14%	502,078,814	85.18%
600,000	699,999	24	16,321,357	3,142	97.89%	518,400,171	87.95%
700,000	799,999	20	15,879,550	3,163	98.53%	534,279,722	90.65%
800,000	899,999	11	9,427,060	3,173	98.86%	543,706,781	92.25%
900,000	999,999	10	9,442,918	3,183	99.16%	553,149,699	93.85%
1,000,000	1,099,999	6	6,339,554	3,189	99.34%	559,489,253	94.92%
1,100,000	1,199,999	8	9,116,067	3,196	99.58%	568,605,320	96.47%
	≥1,200,000	14	20,803,586	3,210	100.00%	589,408,906	100.00%
Average Number of Bills				73			
Average kWh Usage				13,395,657			
Average kWh usage per Number of Bills				183,616			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Large General Service - I13 - Winter (Nov - Apr)							
0	1,999	2	796	2	0.06%	796	0.00%
2,000	3,999	6	19,423	8	0.24%	20,219	0.00%
4,000	5,999	9	40,112	16	0.51%	60,330	0.01%
6,000	7,999	5	35,800	21	0.66%	96,130	0.02%
8,000	9,999	3	25,297	24	0.75%	121,427	0.03%
10,000	19,999	70	1,113,105	94	2.93%	1,234,533	0.27%
20,000	29,999	86	2,211,791	180	5.61%	3,446,323	0.74%
30,000	39,999	143	5,254,442	324	10.08%	8,700,766	1.87%
40,000	49,999	299	13,796,714	623	19.40%	22,497,480	4.85%
50,000	59,999	271	15,260,995	894	27.85%	37,758,475	8.14%
60,000	69,999	229	15,106,812	1,123	34.97%	52,865,287	11.39%
70,000	79,999	181	13,881,912	1,304	40.62%	66,747,198	14.38%
80,000	89,999	217	18,846,030	1,521	47.37%	85,593,228	18.44%
90,000	99,999	156	15,123,394	1,677	52.23%	100,716,623	21.70%
100,000	109,999	128	13,699,150	1,805	56.22%	114,415,773	24.65%
110,000	119,999	107	12,476,433	1,911	59.54%	126,892,206	27.34%
120,000	129,999	96	12,280,385	2,007	62.52%	139,172,592	29.99%
130,000	139,999	98	13,477,764	2,105	65.57%	152,650,356	32.89%
140,000	149,999	106	15,602,435	2,210	68.86%	168,252,791	36.25%
150,000	159,999	87	13,794,345	2,298	71.58%	182,047,136	39.22%
160,000	169,999	79	13,369,240	2,377	74.05%	195,416,376	42.10%
170,000	179,999	70	12,447,562	2,447	76.22%	207,863,938	44.79%
180,000	189,999	80	15,223,541	2,527	78.73%	223,087,479	48.07%
190,000	199,999	72	14,256,839	2,599	80.96%	237,344,317	51.14%
200,000	209,999	54	11,341,135	2,653	82.65%	248,685,453	53.58%
210,000	219,999	54	11,909,973	2,707	84.34%	260,595,426	56.15%
220,000	229,999	46	10,450,777	2,753	85.76%	271,046,202	58.40%
230,000	239,999	35	8,382,424	2,788	86.84%	279,428,627	60.20%
240,000	249,999	31	7,767,650	2,819	87.81%	287,196,276	61.88%
250,000	259,999	30	7,843,719	2,849	88.74%	295,039,996	63.57%
260,000	269,999	30	8,120,188	2,879	89.68%	303,160,184	65.32%
270,000	279,999	15	4,092,264	2,893	90.13%	307,252,448	66.20%
280,000	289,999	15	4,228,778	2,908	90.59%	311,481,225	67.11%
290,000	299,999	20	6,113,999	2,928	91.22%	317,595,224	68.43%
300,000	399,999	118	42,159,029	3,046	94.90%	359,754,253	77.51%
400,000	499,999	77	35,595,633	3,124	97.31%	395,349,885	85.18%
500,000	599,999	19	10,611,523	3,143	97.92%	405,961,409	87.47%
600,000	699,999	20	13,816,389	3,164	98.55%	419,777,798	90.44%
700,000	799,999	12	8,787,847	3,175	98.91%	428,565,645	92.34%
800,000	899,999	10	8,430,232	3,185	99.22%	436,995,876	94.15%
900,000	999,999	11	10,402,837	3,195	99.55%	447,398,713	96.39%
1,000,000	1,099,999	8	8,286,721	3,203	99.79%	455,685,434	98.18%
1,100,000	1,199,999	4	4,563,376	3,207	99.91%	460,248,810	99.16%
	≥1,200,000	3	3,885,295	3,210	100.00%	464,134,105	100.00%
Average Number of Bills				73			
Average kWh Usage				10,548,502			
Average kWh usage per Number of Bills				144,590			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Large General Service Time of Use - I85 - Summer (May - Oct)							
20,000	29,999	1	29,651	1	0.63%	29,651	0.11%
30,000	39,999	4	148,337	5	3.13%	177,989	0.64%
40,000	49,999	13	662,833	17	11.88%	840,821	3.01%
50,000	59,999	5	338,930	23	15.63%	1,179,751	4.23%
60,000	69,999	5	398,435	28	19.38%	1,578,186	5.66%
70,000	79,999	8	687,677	36	25.00%	2,265,863	8.12%
80,000	89,999	6	611,569	42	29.38%	2,877,432	10.31%
90,000	99,999	8	848,941	50	35.00%	3,726,373	13.36%
100,000	149,999	31	4,402,391	81	56.25%	8,128,764	29.14%
150,000	199,999	18	3,504,978	99	68.75%	11,633,742	41.70%
200,000	249,999	20	4,993,948	119	82.50%	16,627,690	59.61%
≥250,000		25	11,268,340	144	100.00%	27,896,030	100.00%

Average Number of Bills 12
 Average kWh Usage 2,324,669
 Average kWh usage per Number of Bills 193,722

Large General Service Time of Use - I85 - Winter (Nov - Apr)							
20,000	29,999	5	155,356	5	3.64%	155,356	0.65%
30,000	39,999	10	397,702	15	10.30%	553,058	2.31%
40,000	49,999	8	408,208	23	15.76%	961,266	4.01%
50,000	59,999	6	385,405	29	20.00%	1,346,672	5.62%
60,000	69,999	11	836,033	40	27.88%	2,182,705	9.11%
70,000	79,999	7	592,553	47	32.73%	2,775,258	11.59%
80,000	89,999	5	511,990	52	36.36%	3,287,249	13.73%
90,000	99,999	4	475,300	57	39.39%	3,762,549	15.71%
100,000	149,999	32	4,633,266	89	61.82%	8,395,814	35.06%
150,000	199,999	28	5,504,970	117	81.21%	13,900,784	58.04%
200,000	249,999	9	2,178,068	126	87.27%	16,078,852	67.14%
≥250,000		18	7,870,000	144	100.00%	23,948,853	100.00%

Average Number of Bills 12
 Average kWh Usage 1,995,738
 Average kWh usage per Number of Bills 166,311

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Large General Service Time of Use - I85N - Summer (May - Oct)							
70,000	79,999	3	155,734	3	0.80%	155,734	0.25%
80,000	89,999	2	87,916	5	1.20%	243,650	0.38%
90,000	99,999	5	293,533	9	2.39%	537,184	0.85%
100,000	149,999	23	1,794,669	32	8.37%	2,331,853	3.67%
150,000	199,999	101	11,894,789	133	35.06%	14,226,642	22.38%
200,000	249,999	220	35,543,298	352	93.23%	49,769,940	78.31%
	≥250,000	26	13,786,570	378	100.00%	63,556,510	100.00%
Average Number of Bills				54			
Average kWh Usage				9,079,501			
Average kWh usage per Number of Bills				168,139			
Large General Service Time of Use - I85N - Winter (Nov - Apr)							
60,000	69,999	10	387,739	10	2.54%	387,739	0.74%
70,000	79,999	11	525,469	21	5.51%	913,208	1.74%
80,000	89,999	10	503,328	30	8.05%	1,416,536	2.70%
90,000	99,999	6	368,238	37	9.75%	1,784,774	3.41%
100,000	149,999	26	2,135,520	62	16.53%	3,920,294	7.48%
150,000	199,999	171	18,809,030	234	61.86%	22,729,324	43.38%
200,000	249,999	122	17,499,164	356	94.07%	40,228,488	76.77%
	≥250,000	22	12,173,230	378	100.00%	52,401,718	100.00%
Average Number of Bills				47			
Average kWh Usage				6,550,215			
Average kWh usage per Number of Bills				138,629			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Traffic Signals and Street Lighting - P41 & 47- (Jan - Dec)							
-	49	1,089	46,280	1,089	7.3%	46,280	0.2%
50	99	579	47,593	1,668	11.1%	93,873	0.3%
100	149	462	55,919	2,130	14.2%	149,793	0.5%
150	199	676	116,000	2,806	18.7%	265,792	0.9%
200	249	445	100,038	3,251	21.7%	365,831	1.2%
250	299	262	73,074	3,513	23.4%	438,905	1.5%
300	349	297	97,237	3,810	25.4%	536,141	1.8%
350	399	248	93,911	4,058	27.0%	630,052	2.1%
400	449	299	127,746	4,357	29.0%	757,798	2.5%
450	499	272	129,877	4,629	30.8%	887,675	3.0%
500	549	1,364	856,864	5,993	39.9%	1,744,539	5.9%
550	599	1,300	1,128,113	7,293	48.6%	2,872,651	9.7%
600	649	1,077	1,213,072	8,370	55.8%	4,085,723	13.7%
650	699	971	1,330,578	9,341	62.2%	5,416,301	18.2%
700	749	833	1,350,671	10,174	67.8%	6,766,973	22.8%
750	799	646	1,205,131	10,820	72.1%	7,972,104	26.8%
800	849	430	909,171	11,250	75.0%	8,881,274	29.9%
850	899	290	686,858	11,540	76.9%	9,568,132	32.2%
900	949	215	562,942	11,755	78.3%	10,131,075	34.1%
950	999	212	608,101	11,967	79.7%	10,739,176	36.1%
1,000	1,499	183	571,035	12,150	80.97%	11,310,210	38.04%
1,500	1,999	153	514,775	12,303	81.99%	11,824,986	39.77%
2,000	2,499	2,178	12,029,607	14,481	96.50%	23,854,593	80.23%
2,500	2,999	454	4,577,532	14,935	99.53%	28,432,125	95.62%
3,000	3,999	39	600,049	14,974	99.79%	29,032,173	97.64%
4,000	4,999	24	485,659	14,998	99.95%	29,517,833	99.27%
5,000	5,999	7	175,444	15,005	99.99%	29,693,277	99.86%
≥6,000		1	41,309	15,006	100.00%	29,734,586	100.00%
Average Number of Bills				536			
Average kWh Usage				1,061,950			
Average kWh usage per Number of Bills				1,982			

Usage Range - kWhs				Cumulative Bills		Cumulative kWhs	
Lower	Upper	Number of Bills	kWhs	Bills	Percent of Total	kWhs	Percent of Total
Municipal Service - 040 - Summer (May - Oct)							
-	99	708	31,083	708	16.0%	31,083	0.0%
100	199	269	38,388	977	22.1%	69,471	0.1%
200	299	187	46,632	1,164	26.3%	116,103	0.2%
300	399	141	49,730	1,305	29.5%	165,833	0.3%
400	499	95	42,656	1,400	31.6%	208,489	0.3%
500	999	376	282,419	1,776	40.1%	490,908	0.8%
1,000	1,499	280	345,312	2,057	46.5%	836,220	1.3%
1,500	1,999	213	368,205	2,270	51.3%	1,204,425	1.9%
2,000	2,499	113	250,335	2,383	53.9%	1,454,759	2.2%
2,500	2,999	120	328,865	2,503	56.6%	1,783,624	2.8%
3,000	3,499	111	358,668	2,614	59.1%	2,142,292	3.3%
3,500	3,999	87	325,887	2,701	61.0%	2,468,180	3.8%
4,000	4,499	66	282,082	2,767	62.5%	2,750,262	4.2%
4,500	4,999	73	346,117	2,840	64.2%	3,096,378	4.8%
5,000	5,499	61	319,666	2,901	65.6%	3,416,045	5.3%
5,500	5,999	53	304,071	2,954	66.8%	3,720,116	5.7%
6,000	6,499	47	292,955	3,001	67.8%	4,013,071	6.2%
6,500	6,999	62	418,313	3,063	69.2%	4,431,384	6.8%
7,000	7,499	53	385,150	3,116	70.4%	4,816,533	7.4%
7,500	7,999	35	272,295	3,151	71.2%	5,088,828	7.9%
8,000	8,499	45	370,912	3,197	72.2%	5,459,740	8.4%
8,500	8,999	46	401,714	3,243	73.3%	5,861,454	9.1%
9,000	9,499	35	323,077	3,278	74.1%	6,184,531	9.6%
9,500	9,999	35	342,430	3,313	74.9%	6,526,961	10.1%
10,000	29,999	610	10,447,388	3,923	88.7%	16,974,349	26.2%
30,000	49,999	196	7,684,974	4,119	93.1%	24,659,323	38.1%
50,000	69,999	94	5,601,508	4,213	95.2%	30,260,831	46.7%
70,000	89,999	59	4,700,104	4,272	96.6%	34,960,934	54.0%
90,000	109,999	38	3,808,075	4,310	97.4%	38,769,009	59.9%
110,000	129,999	22	2,567,432	4,332	97.9%	41,336,441	63.9%
130,000	149,999	20	2,804,677	4,352	98.37%	44,141,118	68.19%
150,000	169,999	13	2,067,678	4,365	98.67%	46,208,796	71.38%
170,000	189,999	9	1,593,727	4,374	98.87%	47,802,523	73.84%
190,000	209,999	4	779,243	4,378	98.96%	48,581,766	75.05%
210,000	229,999	6	1,319,326	4,384	99.10%	49,901,092	77.09%
230,000	249,999	1	243,451	4,385	99.12%	50,144,543	77.46%
250,000	269,999	1	259,814	4,386	99.14%	50,404,357	77.86%
270,000	289,999	2	560,037	4,388	99.19%	50,964,395	78.73%
290,000	309,999	4	1,210,770	4,392	99.28%	52,175,165	80.60%
310,000	329,999	4	1,261,456	4,396	99.37%	53,436,621	82.55%
330,000	349,999	3	1,024,810	4,399	99.43%	54,461,431	84.13%
350,000	369,999	4	1,450,929	4,403	99.52%	55,912,360	86.37%
370,000	389,999	3	1,150,127	4,406	99.59%	57,062,487	88.15%
390,000	409,999	8	3,200,724	4,414	99.77%	60,263,211	93.09%
410,000	429,999	4	1,686,697	4,418	99.86%	61,949,908	95.70%
430,000	449,999	1	445,097	4,419	99.89%	62,395,005	96.39%
450,000	469,999	3	1,367,198	4,422	99.95%	63,762,203	98.50%
470,000	489,999	1	481,914	4,423	99.98%	64,244,116	99.24%
490,000	509,999	1	490,295	4,425	100.00%	64,734,411	100.00%
Average Number of Bills					90		
Average kWh Usage					1,321,110		
Average kWh usage per Number of Bills					14,631		

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Municipal Service - 040 - Winter (Nov - Apr)							
-	99	678	29,967	678	15.3%	29,967	0.1%
100	199	308	43,932	986	22.3%	73,899	0.1%
200	299	162	40,025	1,148	25.9%	113,923	0.2%
300	399	153	52,962	1,301	29.4%	166,885	0.3%
400	499	123	55,110	1,424	32.2%	221,995	0.4%
500	999	393	286,236	1,817	41.1%	508,230	0.9%
1,000	1,499	351	428,716	2,167	49.0%	936,947	1.7%
1,500	1,999	258	439,749	2,425	54.8%	1,376,696	2.6%
2,000	2,499	133	294,650	2,558	57.8%	1,671,346	3.1%
2,500	2,999	120	325,235	2,678	60.5%	1,996,581	3.7%
3,000	3,499	95	303,277	2,773	62.7%	2,299,857	4.3%
3,500	3,999	79	295,390	2,852	64.5%	2,595,247	4.8%
4,000	4,499	53	221,206	2,905	65.7%	2,816,454	5.3%
4,500	4,999	75	351,904	2,980	67.3%	3,168,357	5.9%
5,000	5,499	64	329,648	3,044	68.8%	3,498,006	6.5%
5,500	5,999	78	440,665	3,122	70.6%	3,938,670	7.4%
6,000	6,499	65	402,412	3,186	72.0%	4,341,082	8.1%
6,500	6,999	60	399,456	3,246	73.4%	4,740,538	8.8%
7,000	7,499	47	335,886	3,293	74.4%	5,076,423	9.5%
7,500	7,999	64	490,079	3,357	75.9%	5,566,502	10.4%
8,000	8,499	36	293,244	3,393	76.7%	5,859,746	10.9%
8,500	8,999	31	266,479	3,424	77.4%	6,126,225	11.4%
9,000	9,499	45	410,318	3,469	78.4%	6,536,544	12.2%
9,500	9,999	49	468,806	3,518	79.5%	7,005,349	13.1%
10,000	29,999	517	9,009,339	4,035	91.2%	16,014,688	29.9%
30,000	49,999	146	5,448,951	4,181	94.5%	21,463,639	40.1%
50,000	69,999	81	4,685,924	4,262	96.3%	26,149,563	48.8%
70,000	89,999	36	2,807,021	4,298	97.1%	28,956,583	54.05%
90,000	109,999	34	3,359,852	4,332	97.9%	32,316,435	60.33%
110,000	129,999	21	2,455,283	4,353	98.4%	34,771,718	64.91%
130,000	149,999	12	1,702,579	4,365	98.6%	36,474,297	68.09%
150,000	169,999	12	1,915,933	4,377	98.9%	38,390,230	71.66%
170,000	189,999	3	526,581	4,380	99.0%	38,916,811	72.65%
190,000	209,999	5	1,003,007	4,385	99.1%	39,919,818	74.52%
210,000	229,999	5	1,079,274	4,390	99.2%	40,999,092	76.53%
230,000	249,999	4	937,086	4,394	99.3%	41,936,178	78.28%
250,000	269,999	1	261,321	4,395	99.3%	42,197,499	78.77%
270,000	289,999	2	550,427	4,397	99.4%	42,747,925	79.80%
290,000	309,999	4	1,194,070	4,401	99.5%	43,941,995	82.03%
310,000	329,999	3	948,713	4,404	99.5%	44,890,708	83.80%
330,000	349,999	4	1,325,124	4,408	99.6%	46,215,832	86.27%
350,000	369,999	1	351,895	4,409	99.6%	46,567,727	86.93%
370,000	389,999	2	761,493	4,411	99.7%	47,329,220	88.35%
390,000	409,999	4	1,582,621	4,415	99.8%	48,911,841	91.30%
410,000	429,999	3	1,227,375	4,418	99.8%	50,139,216	93.60%
430,000	449,999	1	424,733	4,419	99.9%	50,563,949	94.39%
450,000	469,999	2	900,371	4,421	99.9%	51,464,320	96.07%
470,000	489,999	1	473,332	4,422	99.9%	51,937,652	96.95%
530,000	549,999	1	535,942	4,423	100.0%	52,473,594	97.95%
≥550,000		2	1,096,715	4,425	100.0%	53,570,309	100.00%

Average Number of Bills 88
 Average kWh Usage 1,071,406
 Average kWh usage per Number of Bills 12,108

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Municipal Water Pumping - O43 - Summer (May - Oct)							
0	99	366	16,245	366	13%	16,245	0%
100	199	136	20,327	502	18%	36,572	0%
200	299	66	16,983	568	21%	53,554	0%
300	399	55	19,723	624	23%	73,277	0%
400	499	37	17,101	660	24%	90,378	0%
500	599	29	16,124	689	25%	106,502	0%
600	699	26	16,805	715	26%	123,307	0%
700	799	22	16,654	737	27%	139,962	0%
800	899	18	15,528	754	28%	155,490	0%
900	999	23	21,824	777	29%	177,314	0%
1,000	1,999	168	256,302	945	35%	433,616	1%
2,000	2,999	132	337,454	1,077	40%	771,070	1%
3,000	3,999	124	439,541	1,201	44%	1,210,611	2%
4,000	4,999	86	389,777	1,287	47%	1,600,388	3%
5,000	5,999	84	472,600	1,371	50%	2,072,989	4%
6,000	6,999	74	488,689	1,445	53%	2,561,677	5%
7,000	7,999	62	473,110	1,508	55%	3,034,787	6%
8,000	8,999	58	506,522	1,566	58%	3,541,308	6%
9,000	9,999	55	535,204	1,622	60%	4,076,512	7%
10,000	29,999	581	10,686,060	2,203	81%	14,762,572	27%
30,000	49,999	238	9,242,427	2,440	90%	24,005,000	44%
50,000	69,999	119	7,063,384	2,559	94%	31,068,384	57%
70,000	89,999	59	4,773,243	2,619	96%	35,841,627	65%
90,000	109,999	30	2,954,936	2,648	97%	38,796,563	71%
110,000	129,999	15	1,773,608	2,663	98%	40,570,172	74%
130,000	149,999	10	1,421,104	2,673	98%	41,991,275	76%
150,000	169,999	9	1,466,203	2,682	99%	43,457,479	79%
170,000	189,999	4	719,507	2,686	99%	44,176,986	80%
190,000	209,999	9	1,860,615	2,695	99%	46,037,601	84%
210,000	229,999	3	648,223	2,698	99%	46,685,825	85%
230,000	249,999	3	712,921	2,701	99%	47,398,746	86%
250,000	269,999	5	1,295,844	2,706	99%	48,694,590	89%
270,000	289,999	3	840,249	2,709	99.49%	49,534,839	90.17%
290,000	309,999	3	919,264	2,712	99.60%	50,454,103	91.84%
310,000	329,999	3	954,303	2,715	99.71%	51,408,406	93.58%
330,000	349,999	1	335,537	2,716	99.75%	51,743,943	94.19%
≥350,000		7	3,192,724	2,723	100.00%	54,936,667	100.00%
Average Number of Bills				74			
Average kWh Usage				1,484,775			
Average kWh usage per Number of Bills				20,179			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Municipal Water Pumping - O43 - Winter (Nov - Apr)							
-	99	397	18,663	397	15%	18,663	0%
100	199	173	25,776	570	21%	44,439	0%
200	299	86	21,215	656	24%	65,654	0%
300	399	76	25,593	731	27%	91,247	0%
400	499	57	25,567	788	29%	116,814	0%
500	599	43	23,910	831	31%	140,724	0%
600	699	28	18,054	860	32%	158,778	0%
700	799	29	21,711	889	33%	180,489	0%
800	899	23	19,655	912	34%	200,144	1%
900	999	21	19,901	933	34%	220,045	1%
1,000	1,999	221	330,022	1,155	42%	550,068	1%
2,000	2,999	156	382,358	1,310	48%	932,426	2%
3,000	3,999	106	367,275	1,416	52%	1,299,701	3%
4,000	4,999	100	446,902	1,516	56%	1,746,603	5%
5,000	5,999	107	578,495	1,623	60%	2,325,098	6%
6,000	6,999	75	475,834	1,698	62%	2,800,932	7%
7,000	7,999	57	419,981	1,755	64%	3,220,913	8%
8,000	8,999	60	496,998	1,814	67%	3,717,911	10%
9,000	9,999	61	567,373	1,875	69%	4,285,284	11%
10,000	29,999	484	8,459,787	2,359	87%	12,745,072	33%
30,000	49,999	169	6,433,195	2,528	93%	19,178,267	50%
50,000	69,999	86	5,004,199	2,613	96%	24,182,466	63%
70,000	89,999	41	3,189,540	2,655	98%	27,372,006	71%
90,000	109,999	17	1,664,811	2,672	98%	29,036,816	75%
110,000	129,999	6	729,163	2,678	98%	29,765,980	77%
130,000	149,999	7	996,769	2,685	99%	30,762,749	80%
150,000	169,999	8	1,277,418	2,693	99%	32,040,166	83%
170,000	189,999	7	1,278,452	2,700	99%	33,318,618	87%
190,000	209,999	8	1,579,184	2,708	99%	34,897,802	91%
210,000	229,999	3	642,348	2,711	100%	35,540,150	92%
230,000	249,999	3	713,454	2,714	100%	36,253,604	94%
≥250,000		8	2,220,896	2,723	100%	38,474,501	100%
Average Number of Bills				85			
Average kWh Usage				1,202,328			
Average kWh usage per Number of Bills				14,132			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Large Light and Power - I14 - Summer (May - Oct)							
1,000,000	1,999,999	6	8,136,839	6	25%	8,136,839	4%
2,000,000	6,999,999	1	6,754,232	7	29%	14,891,071	8%
7,000,000	7,999,999	2	15,363,279	9	38%	30,254,351	16%
8,000,000	8,999,999	2	17,093,099	11	46%	47,347,450	24%
9,000,000	9,999,999	3	28,654,219	14	58%	76,001,668	39%
10,000,000	10,999,999	4	42,646,917	18	75%	118,648,586	61%
11,000,000	11,999,999	2	23,160,569	20	83%	141,809,155	73%
12,000,000	12,999,999	2	25,923,755	22	92%	167,732,909	86%
	≥13,000,000	2	26,678,370	24	100%	194,411,279	100%
Average Number of Bills				3			
Average kWh Usage				21,601,253			
Average kWh usage per Number of Bills				8,100,470			
Large Light and Power - I14 - Winter (Nov - Apr)							
1,000,000	1,999,999	6	6,596,031	6	25%	6,596,031	4%
2,000,000	5,999,999	1	5,690,102	7	29%	12,286,133	8%
6,000,000	6,999,999	5	31,613,134	12	50%	43,899,267	28%
7,000,000	7,999,999	1	7,657,543	13	54%	51,556,810	33%
8,000,000	8,999,999	2	16,949,156	15	63%	68,505,966	44%
9,000,000	9,999,999	5	47,344,456	20	83%	115,850,422	74%
	≥10,000,000	4	41,192,579	24	100%	157,043,001	100%
Average Number of Bills				3			
Average kWh Usage				22,434,714			
Average kWh usage per Number of Bills				6,543,458			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Large Light and Power Time of Use - I90 - Summer (May - Oct)							
3,000,000	3,999,999	1	3,876,752	1	4%	3,876,752	2%
4,000,000	4,999,999	9	41,229,006	10	42%	45,105,758	27%
5,000,000	5,999,999	2	10,265,282	12	50%	55,371,040	33%
7,000,000	7,999,999	5	37,322,463	17	71%	92,693,503	55%
8,000,000	8,999,999	2	18,933,306	19	79%	109,626,809	65%
9,000,000	9,999,999	1	9,952,550	20	83%	119,579,359	71%
10,000,000	10,999,999	1	10,180,532	21	88%	129,759,891	77%
	≥12,000,000	3	38,126,406	24	100%	167,886,297	100%
Average Number of Bills				3			
Average kWh Usage				20,985,787			
Average kWh usage per Number of Bills				6,995,262			
Large Light and Power Time of Use - I90 - Winter (Nov - Apr)							
3,000,000	3,999,999	5	19,019,158	5	21%	19,019,158	13%
4,000,000	4,999,999	8	36,321,648	13	54%	55,340,806	38%
5,000,000	5,999,999	1	5,398,097	14	58%	60,738,903	42%
7,000,000	7,999,999	4	29,908,054	18	75%	90,646,957	63%
8,000,000	8,999,999	3	24,628,495	21	88%	115,275,452	80%
9,000,000	9,999,999	2	18,454,386	23	96%	133,729,838	92%
11,000,000	11,999,999	1	10,989,998	24	100%	144,719,836	100%
Average Number of Bills				3			
Average kWh Usage				20,674,262			
Average kWh usage per Number of Bills				6,029,993			

Usage Range - kWhs		Number of Bills	kWhs	Cumulative Bills		Cumulative kWhs	
Lower	Upper			Bills	Percent of Total	kWhs	Percent of Total
Mines - Summer (May - Oct)							
0	9,999,999	6	42,869,806	6	25%	42,869,806	8%
10,000,000	19,999,999	12	178,460,160	18	75%	221,329,965	40%
40,000,000	49,999,999	1	48,205,059	19	79%	269,535,024	49%
	≥50,000,000	5	281,942,160	24	100%	551,477,184	100%
Average Number of Bills				6			
Average kWh Usage				137,869,296			
Average kWh usage per Number of Bills				22,978,216			
Mines - Winter (Nov - Apr)							
0	9,999,999	6	40,185,983	6	25%	40,185,983	8%
10,000,000	19,999,999	12	166,463,837	18	75%	206,649,820	39%
	≥50,000,000	6	324,944,400	24	100%	531,594,220	100%
Average Number of Bills				8			
Average kWh Usage				177,198,073			
Average kWh usage per Number of Bills				22,149,759			