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BEFORE THE ARIZONA CORPORATION COMMISSION

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AZ CORP COMMISSION
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COMMISSIONERS

KRISTIN K. MAYES, Chairman
GARY PIERCE
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SANDRA D. KENNEDY
BOB STUMP

IN THE MATTER OF THE APPLICATION OF TRICO ELECTRIC COOPERATIVE, INC., AN ARIZONA NONPROFIT CORPORATION, FOR A PERMANENT RATE INCREASE, FOR A DETERMINATION OF THE FAIR VALUE OF THE CORPORATION'S ELECTRIC SYSTEM FOR RATEMAKING PURPOSES, FOR A FINDING OF A JUST AND REASONABLE RATE OF RETURN THEREON, AND FOR APPROVAL OF RATE SCHEDULES DESIGNED TO DEVELOP SUCH RETURN.	DOCKET NO. E-01461A-08-0430 **STAFF'S NOTICE OF AMENDED FILING OF DIRECT TESTIMONY**

Staff of the Arizona Corporation Commission ("Staff") hereby files the Amended Direct Testimony of Steve Irvine of the Utilities Division in the above-referenced matter.

Mr. Irvine's testimony was filed earlier this afternoon, but an error occurred in the printing process which resulted in the final two pages of Mr. Irvine's narrative being omitted. Staff hereby filed an amended version of the document with the previously-missing pages in place.

RESPECTFULLY SUBMITTED this 31st day of March, 2009.

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Arizona Corporation Commission
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Arizona Corporation Commission
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BEFORE THE ARIZONA CORPORATION COMMISSION

KRISTIN K. MAYES
Chairman
GARY PIERCE
Commissioner
PAUL NEWMAN
Commissioner
SANDRA D. KENNEDY
Commissioner
BOB STUMP
Commissioner

IN THE MATTER OF THE APPLICATION OF TRICO ELECTRIC COOPERATIVE, INC. FOR A PERMANENT RATE INCREASE, FOR A DETERMINATION OF THE FAIR VALUE OF ITS PROPERTY, FOR A FINDING OF A JUST AND REASONABLE RATE OF RETURN THEREON, AND A JUST AND REASONABLE RETURN, AND FOR APPROVAL OF RATE SCHEDULES DESIGNED TO DEVELOP SUCH RETURN	)	DOCKET NO. E-01461A-08-0430

DIRECT

TESTIMONY

OF

STEVE IRVINE

UTILITIES DIVISION

ARIZONA CORPORATION COMMISSION

MARCH 31, 2009

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EXECUTIVE SUMMARY
TRICO ELECTRIC COOPERATIVE, INC.
DOCKET NO. E-01461A-08-0430

Having examined relevant portions of Trico Electric Cooperative, Inc.'s ("Trico" or "Cooperative") rate case filing, the Arizona Corporation Commission ("ACC" or "Commission") Utility Division Staff ("Staff") testimony covers rate design aspects of the case and reporting of overall changes compared to Trico's current rates. The changes and various rate design issues are summarized below:

SUMMARY OF RATE DESIGN

Normalization and Annualization

Staff prepared Schedules SPI-1 to demonstrate that total system revenues from sales in the amount of $80,041,110 (CSB-9) will be collected through Trico normalized/Staff adjusted billing determinants and the rates proposed by Staff.

Time-Of-Use ("TOU") Residential Rates

Trico recommends changes to Residential TOU rates that will provide an appropriate price signal to move customers off its coincident peak, cover the cost of service and provide an appropriate return. Trico's proposed changes include modification of both daily on-peak hours and days. Notable among its recommendations are Trico's proposals to include weekend on-peak hours and to implement a three-stage phase-in period for rates applicable to Residential TOU customers. Staff supports implementing TOU rates that send appropriate price signals and also provide appropriate returns. However, Staff does not support implementing a phase-in process or the introduction of on-peak weekend hours. Staff's recommendations are discussed in detail in the Rate Design section of this testimony.

Interruptible Service Terms and Conditions

Staff supports interruptible rates because they help reduce current power supply costs that are eventually passed on to ratepayers, and such rates also offer the opportunity for the Cooperative to plan for less purchased power than would otherwise have to be purchased. Also, participating rate payers benefit by receiving reduced monthly rates in exchange for accepting service under an interruptible rate schedule. The success of interruptible rates depends on a strongly worded consequence for customer-initiated overrides. Trico proposes to continue an override penalty demand cost in the amount of $29.50 per kW, per month. Staff supports this rate as being sufficiently stringent to discourage customer-initiated overrides. Staff is concerned that the condition is not worded as a mandatory removal from the Schedule for at least 18-months in cases when more than two customer-initiated overrides are implemented during a calendar year.

INTRODUCTION

Q. Please state your name, occupation, and business address.

A. My name is Steve Irvine. I am a Public Utilities Analyst IV employed by the Arizona Corporation Commission ("ACC" or "Commission") in the Utilities Division ("Staff"). My business address is 1200 West Washington Street, Phoenix, Arizona 85007.

Q. Briefly describe your responsibilities as a Public Utilities Analyst.

A. In my capacity as a Public Utilities Analyst, I conduct studies to estimate the cost of capital component and determine the overall revenue requirement in rate proceedings. I also design rates to generate the revenue requirement in rate proceedings. My duties have also included evaluating a variety of applications or components of applications including financings, Demand-side Management programs and Renewable Energy Standard and Tariff programs.

Q. Please describe your educational background and professional experience.

A. In 1994, I graduated from Arizona State University, receiving a Bachelor of Science degree in Business Marketing. In 1997, I received a Masters degree in Public Administration from Arizona State University. I began employment with the Commission in May of 2001 and have worked in the Utilities Division since September of 2002.

Q. What is the scope of your testimony?

A. My testimony will present Staff's position and recommendations regarding Trico's application for a general rate increase on the subject of rate design. I will also summarize the overall effect of implementing the recommended rate changes compared to current Trico rates.

OVERALL CHANGES COMPARED TO CURRENT RATES

Q. What is the overall effect of implementing the rates Staff recommends?

A. The overall effect of implementing rates recommended by Staff is to increase annual revenues from sales of electricity from a Staff-adjusted amount of $73,997,393 to $80,041,110, or an increase in the amount of $6,043,717 (8.17 percent).

RATE DESIGN, REVENUE ALLOCATION, AND GENERAL TARIFF ISSUES

Q. Please summarize changes Trico is proposing to its rate design.

A. In its application, Trico is proposing to:

a) Move each class rate of return closer to the system average rate of return.

b) Move revenues that are currently collected through the Wholesale Power Cost Adjustor ("WPCA") into base rates.

c) Increase each applicable rate class' monthly customer charge to move it closer to cost of service.

d) Make changes to the Residential Time-of-Use ("TOU") rate that will provide a price signal to move customers off of its coincident peak, cover the cost of service, and provide an adequate return. Trico's proposed changes include modification of both daily on-peak hours and on-peak days.

e) Change the rate design of its time-of-day water pumping rate from defined on-peak and off-peak periods to a structure that includes a coincident peak demand charge.

f) Separate its street lighting and outdoor lighting tariff into separate tariffs.

Q. Please describe the adjustments that Staff made to Trico's rate design.

A. Staff made adjustments to Trico's rate design proposal including:

a) Proposing rate changes that are designed to produce annual revenues from sales in the amount of $80,041,110 (CSB-9).

b) Not recommending a phase-in of Trico's proposed TOU rates.

c) Moving revenues that were collected through the WPCA into base rates, but assuming a slightly higher base cost of purchased power than that used by Trico.

d) Limiting increases to existing monthly customer charges to the 10-15 percent range to be more closely aligned to the recommended overall percent increase of approximately 8 percent.

e) Removing Demand-Side Management adjustor ("DSMA") revenues from the rates.

f) Reverting Trico's proposed Time of Day Pumping Service ("TOD-P") rate structure from a demand rate with no defined discount times back to a more traditional time of use rate.

g) Changing the terms and conditions of discontinuation of interruptible service for overriding interruption on both the Interruptible Service for Commercial and Industrial (IS-1) rate schedule and the Interruptible Service for Irrigation and Water Pumping Service (IS-2) rate schedule.

Q. Please expand on the findings contained in Schedule SPI-3.

A. SPI-2.1 summarizes existing and Staff's proposed rates, but does not readily provide answers to the questions of how much will customer billings be impacted by proposed rates or what will be the percentage change to customers billings. Staff recognized the need for this information and developed SPI-2.2 for the Residential class, SPI-2.3 for the Residential TOU class and SPI-2.4 for the General Service 1 class.

Q. Please discuss its recommendations regarding proposed Residential TOU rates and Trico's proposal for implementation.

A. According to Mr. Hedrick's testimony (pp. 15-16), new rates are proposed to be phased-in over three phases. In response to a Staff-initiated data request, Trico would implement proposed first phase rates and conditions at the time of Commission approval. Six months after Phase I rates were put into effect, Phase II rates would become effective. Twelve months after the effective date of Phase I, Phase III rates would be put into effect. In addition, starting with Phase I, Sundays are proposed to contain on-peak hours from

1:00 p.m. to 7:00 p.m. during summer months (April 1-November 14); and, 6:30 a.m. to 8:30 a.m. plus 6:00 p.m. to 9:00 p.m. during winter months (November 15-March 31).

Q. What are Staff's recommendations regarding Trico's proposed changes to the rates, terms and conditions for the Residential TOU rate schedule?

A. Staff is aware that there are nearly 3,000 residential customers receiving service under the existing (frozen to new customers) TOU schedule. Staff supports designing rates that are equitable to rate payers and utilities. However, Staff does not recommend a phase-in of rates. Furthermore, Staff does not recommend assigning on-peak hours to weekends at this time. During the Test Year, Staff recognizes that coincident peaks occurred on weekends during several summer months, a shoulder month (November) and one winter month. The reason Staff cannot support weekend on-peak hours is that customers may feel the imposition of weekend on-peak rates unduly burdensome.

Q. Does Staff have any other rate design-related recommendations in this docket?

A. Yes. Staff makes the following recommendations regarding Trico's proposed TOU Pumping Service (TOD-P) and Experimental Schedule GS-TOU (GS-TOU):

(a) Both Schedules define the TOU on-peak demand period only as usage metered during system coincident peaks. Staff recommends that Trico be required to revert Schedule TOD-P back to its current terms and conditions. Staff recommends approval of proposed Experimental Schedule GS-TOU. Staff believes that it would be more appropriate to support a proposed experimental schedule to determine rate payers' acceptance of indiscreetly defined on-peak billing periods.

(b) Regarding proposed interruptible service under Schedules IS-1 (Commercial and Industrial) and IS-2 (Irrigation and Pumping), Staff recommends changing the proposed terms and conditions wording from "may" to "shall" to mandate enforcing the removal of a customer from an interruptible schedule for at least 18 months in cases where more than two customer-initiated overrides occur within any 12 month period (rather than two overrides occurring during a calendar year).

Q. Does this conclude your direct testimony?

A. Yes, it does.

DERIVATION OF STAFF'S RECOMMENDED REVENUES

		Staff Proposed Revenues			
		Test Year Customers/ kWh		Proposed Monthly Rate	Proposed Annual Revenue
RESIDENTIAL					
RS-1					
	Customer Charge ($/Cust/Mo)	401,980	Cust.	$13.50	$5,426,730
	Energy Charge ($/kWh)	368,534,878	kWh	$0.124365	$45,832,704
(CSB-12 BCOP .0004130)	BCOP	0.000413			
	DSMA				
Total Annual Revenue RS-1					**$51,259,434**
RS-1 TOU					
	Customer Charge ($/Cust/Mo)	34,596	Cust.	$16.00	$553,536
	Energy Charge ($/kWh)	39,250,333	kWh		
	On Peak 28.748%	11,283,686	kWh	$0.198000	$2,234,170
	Off Peak 71.252%	27,966,647	kWh	$0.061000	$1,705,965
(CSB-12 BCOP .0004130)	BCOP	0.000413			
	DSMA				
Total Annual Revenue RS-1 TOU					**$4,493,671**
Total Annual Revenue Residential					**$55,753,105**

GENERAL SERVICE					
General Service (1)					
	Cust Charge 1-phase ($/Cust/Mo)	12,576	Cust.	$16.80	$211,277
	Cust Charge 3-phase ($/Cust/Mo)	1,116	Cust.	$25.76	$28,748
	Energy Charge ($/kWh)	10,053,253	kWh	$0.135158	$1,358,778
(CSB-12 BCOP .0004130)	BCOP	0.000413			$0
	DSMA			$0.00000	$0
	Minimum Charge Revenue				$5,350
Total General Service (1)					**$1,604,153**

DERIVATION OF STAFF'S RECOMMENDED REVENUES

General Service (2)

	Cust Charge 1-phase ($/Cust/Mo)	693 Cust	$16.80	$11,642
	Cust Charge 3-phase ($/Cust/Mo)	1,180 Cust	$25.76	$30,397
	Energy Charge ($/kWh)	9,629,157 kWh	$0.138598	$1,334,582
	Demand Charge (first 10 kW/mo)	17,027.69 kW	$0.00000	$0
	Demand Chg (kW over 10kW/mo)	42,550.68 kW	$4.50	$191,478
(CSB-12 BCOP .0004130)	BCOP	0.000413		$0
	DSMA		$0.00000	$0
	Minimum Charge Revenue			$11,776
Total General Service (2)				**$1,579,875**

General Service (3)

	Secondary			
	Cust Charge 1-phase ($/Cust/Mo)	1,339 Cust.	$17.25	$23,099
	Cust Charge 3-phase ($/Cust/Mo)	2,942 Cust.	$26.45	$77,819
	Energy Charge ($/kWh)	104,174,270 kWh	$0.082969	$8,643,235
	Demand Charge	282,627.34 kW	$16.65	$4,705,745
	Minimum Charge Revenue			$31,077
Total General Service (3) Secondary				**$13,480,975**
(CSB-12 BCOP .0004130)	BCOP	0.000413		
	Primary			
	Cust Charge 1-phase ($/Cust/Mo)	0 Cust.	$17.25	$0
	Cust Charge 3-phase ($/Cust/Mo)	72 Cust.	$26.45	$1,904
(Includes 3% discount)	Energy Charge ($/kWh)	6,969,040 kWh	$0.082969	$560,868
(Includes 3% discount)	Demand Charge	16,739.84 kW	$16.65	$270,357
(CSB-12 BCOP .0004130)	BCOP	0.000413		
Total General Service (3) Primary				**$833,129**

DERIVATION OF STAFF'S RECOMMENDED REVENUES

Water pumping					
		Cust Charge 1-phase ($/Cust/Mo)	144 Cust.	$17.25	$2,484
		Cust Charge 3-phase ($/Cust/Mo)	621 Cust.	$26.45	$16,426
		Energy Charge ($/kWh)	3,766,873 kWh	$0.132605	$499,506
		Minimum Charge Revenue			$2,731
(CSB-12 BCOP .0004130)		BCOP	0.000413		
Total Water Pumping					**$521,147**
Irrigation Service					
		Cust Charge 1-phase ($/Cust/Mo)	0 Cust.	$17.25	$0
		Cust Charge 3-phase ($/Cust/Mo)	144 Cust.	$26.45	$3,809
		Energy Charge ($/kWh)	538,241 kWh	$0.124573	$67,050
		Minimum Charge Revenue			$2,089
(CSB-12 BCOP .0004130)		BCOP	0.000413		
Total Irrigation Service					**$72,948**
Time of Day Pumping Service					
		Cust Charge 1-phase ($/Cust/Mo)	0 Cust.	$17.25	$0
		Cust Charge 3-phase ($/Cust/Mo)	180 Cust.	$26.45	$4,761
		On-Peak kW	2,724.90 kW	$18.16	$49,482
		Off-peak kW	12,883.19 kW	0	$0
	4.88%	On-Peak kWh	82,512 kWh	$0.126906	$10,471
	95.12%	Off-peak kWh	1,608,349 kWh	$0.061906	$99,566
		Minimum Charge Revenue			$2,224
(CSB-12 BCOP .0004130)		BCOP	0.000413		
Total TOD Pumping Service					**$166,505**
Interruptible Service Commercial					
		Cust Charge 1-phase ($/Cust/Mo)	0 Cust.	$36.80	$0
		Cust Charge 3-phase ($/Cust/Mo)	81 Cust.	$45.00	$3,645
		CP kW	692.72 kW	$29.50	$20,435
		NCP kW	14,837.83 kW	$0.00	$0
		kWh	3,726,623 kWh	$0.084246	$313,953
		Minimum Charge Revenue			$0
(CSB-12 BCOP .0004130)		BCOP	0.000413		
Total Interruptible Service Commercial					**$338,033**

DERIVATION OF STAFF'S RECOMMENDED REVENUES

Interruptilbe Irrigation and Pumping

	Cust Charge 1-phase ($/Cust/Mo)	0	Cust.	$36.80	$0
	Cust Charge 3-phase ($/Cust/Mo)	440	Cust.	$45.00	$19,800
	CP kW	6349.69	kW	$29.50	$187,316
	NCP kW	79527.21	kW	$0.00	$0
	kWh	39,876,215	kWh	$0.084192	$3,357,258
	Minimum Charge Revenue				$12,261
(CSB-12 BCOP .0004130)	BCOP	0.000413			
Total Interruptible Irrigation and Pumping					**$3,576,635**

General Service (4)

	customers	24	Cust.	$500.00	$12,000
	facilities charge	12	Cust.	$4,887.00	$58,644
	billing kW transmission	42045.21	kW	$0.21	$8,829
	billing kW distribution sub	22571.00	kW	$1.75	$39,499
	off peak kWh	25,325,709	kWh	$0.000000	$0
(Added CSB-12 adjustment)	power cost				$1,575,895
Total General Service (4)					**$1,694,868**

Lighting
(Cooperative owned and maintained)

Security Light	8,366	$11.48	$96,042
Additional Poles	2,073	$10.43	$21,621
55 Watt LPS	24	$10.91	$262
90 Watt LPS	476	$10.91	$5,193
135 Watt LPS	920	$11.31	$10,405
100 Watt HPS	24	$10.98	$264
150 Watt HPS	12	$11.31	$136
250 Watt HPS	60	$11.96	$718
400 Watt HPS	141	$12.15	$1,713

Lighting (cont.)
(Customer provided and Cooperative Owned and Maintained)

DERIVATION OF STAFF'S RECOMMENDED REVENUES

	55 Watt LPS	0	$7.30	$0
	90 Watt LPS	600	$11.75	$7,050
	135 Watt LPS	0	$10.30	$0
	180 Watt LPS	12	$12.62	$151
	150 Watt HPS	0	$10.30	$0
	250 Watt HPS	0	$10.30	$0
	400 Watt HPS	0	$17.00	$0
	Wood Pole	35	$1.32	$46
	28' Metal Pole	613	$3.48	$2,133
	20'-30' Metal Pole	0	$4.15	$0
	30'-40' Metal Pole	0	$4.15	$0
(CSB-12 BCOP .0004130)	BCOP	0.000413		(Sch F-2.0. p2)
Total Lighting				$145,734

Total Revenues from billing determinants---> **$80,042,666**
(Excludes DSMA $)

Trico Electric Cooperative
Docket No. E-01461A-08-0430
Test Year Ended December 31, 2007

STAFF'S PROPOSED RATES

SUMMARY OF RATES

Existing:		Proposed:			Change
WPCA		**WPCA**			
WPCA Monthly Factor (Average)	$0.018545	WPCA Monthly Factor (Average)		$0.000000	($0.018545)
WPCA Base Cost	$0.062680	WPCA Base Cost		$0.081225	$0.018545
Total Power Cost (Average)	$0.081225	Total Power Cost		$0.081225	$0.000000
DSMA		**DSMA**			
DSMA Monthly Factor (Average)	$0.000000	DSMA Monthly Factor (Average)		$0.000000	$0.000000
Residential Service		***Residential Service***			
Customer Charge	$12.00	Customer Charge		$13.50	$1.50
Energy Charge, per kWh	$0.096020	Energy Charge, per kWh		$0.124365	$0.028345
Residential Time of Use Service		***Residential Time of Use Service***	***Phase I***		
Customer Charge	$16.00	Customer Charge		$16.00	$0.00
On-Peak Energy Charge, per kWh	$0.121440	On-Peak Energy Charge, per kWh		$0.198000	$0.076560
Off-Peak Energy Charge, per kWh	$0.041440	Off-Peak Energy Charge, per kWh		$0.061000	$0.019560
		Residential Time of Use Service	***Phase II***		
		Customer Charge		$0.00	($16.00)
		On-Peak Energy Charge, per kWh		$0.000000	($0.121440)
		Off-Peak Energy Charge, per kWh		$0.000000	($0.041440)
		Residential Time of Use Service	***Phase III***		
Trico Electric Cooperative		Customer Charge		$0.00	($16.00)
Docket No. E-01461A-08-0430		On-Peak Energy Charge, per kWh		$0.000000	($0.121440)
Test Year Ended December 31, 2007		Off-Peak Energy Charge, per kWh		$0.000000	($0.041440)
General Service 1		***General Service 1***			
Customer Charge Single Phase	$15.00	Customer Charge Single Phase		$16.80	$1.80
Customer Charge Three Phase	$23.00	Customer Charge Three Phase		$25.76	$2.76
Energy Charge, per kWh	$0.105380	Energy Charge, per kWh		$0.135158	$0.029778

Trico Electric Cooperative
Docket No. E-01461A-08-0430
Test Year Ended December 31, 2007

STAFF'S PROPOSED RATES

SUMMARY OF RATES

Existing:		Proposed:		Change
WPCA		**WPCA**		
WPCA Monthly Factor (Average)	$0.018545	WPCA Monthly Factor (Average)	$0.000000	($0.018545)
WPCA Base Cost	$0.062680	WPCA Base Cost	$0.081225	$0.018545
Total Power Cost (Average)	$0.081225	Total Power Cost	$0.081225	$0.000000
DSMA		**DSMA**		
DSMA Monthly Factor (Average)	$0.000000	DSMA Monthly Factor (Average)	$0.000000	$0.000000
General Service 2		***General Service 2***		
Customer Charge Single Phase	$15.00	Customer Charge Single Phase	$16.80	$1.80
Customer Charge Three Phase	$23.00	Customer Charge Three Phase	$25.76	$2.76
Billing Demand Charge, per kW		Billing Demand Charge, per kW		
First 10 kW per month	$0.00	First 10 kW per month	$0.00	$0.00
Over 10 kW per month	$4.00	Over 10 kW per month	$4.50	$0.50
Energy Charge, per kWh	$0.113970	Energy Charge, per kWh	$0.13860	$0.024628
General Service 3		***General Service 3***		
Customer Charge Single Phase	$15.00	Customer Charge Single Phase	$17.25	$2.25
Customer Charge Three Phase	$23.00	Customer Charge Three Phase	$26.45	$3.45
Billing Demand Charge, per kW	$15.88	Billing Demand Charge, per kW	$16.65	$0.77
Energy Charge, per kWh	$0.061570	Energy Charge, per kWh	$0.082969	$0.021399
Primary Discount	-3.00%	*Primary Discount*	-3.00%	
Water Pumping		***Water Pumping***		
Customer Charge Single Phase	$15.00	Customer Charge Single Phase	$17.25	$2.25
Customer Charge Three Phase	$23.00	Customer Charge Three Phase	$26.45	$3.45
Energy Charge, per kWh	$0.105570	Energy Charge, per kWh	$0.132605	$0.027035
Irrigation		***Irrigation***		
Customer Charge Single Phase	$15.00	Customer Charge Single Phase	$17.25	$2.25
Customer Charge Three Phase	$23.00	Customer Charge Three Phase	$26.45	$3.45
Energy Charge, per kWh	$0.096700	Energy Charge, per kWh	$0.124573	$0.027873

Trico Electric Cooperative
Docket No. E-01461A-08-0430
Test Year Ended December 31, 2007

STAFF'S PROPOSED RATES

SUMMARY OF RATES

Existing:		Proposed:		Change
WPCA		**WPCA**		
WPCA Monthly Factor (Average)	$0.018545	WPCA Monthly Factor (Average)	$0.000000	($0.018545)
WPCA Base Cost	$0.062680	WPCA Base Cost	$0.081225	$0.018545
Total Power Cost (Average)	$0.081225	Total Power Cost	$0.081225	$0.000000
DSMA		**DSMA**		
DSMA Monthly Factor (Average)	$0.000000	DSMA Monthly Factor (Average)	$0.000000	$0.000000
Time of Day Pumping		***Time of Day Pumping***		
Customer Charge Single Phase	$15.00	Customer Charge Single Phase	$17.25	$2.25
Customer Charge Three Phase	$23.00	Customer Charge Three Phase	$26.45	$3.45
On Peak kW	$15.79	On Peak kW	$18.16	$2.37
Off Peak kW	$0.00	Off Peak kW	$0.00	$0.00
On Peak kWh	$0.099950	On Peak kWh	$0.126906	$0.026956
Off Peak kWh	$0.034950	Off Peak kWh	$0.061906	$0.026956
Interruptible		***Interruptible***		
Customer Charge Single Phase	$32.00	Customer Charge Single Phase	$36.80	$4.80
Customer Charge Three Phase	$40.00	Customer Charge Three Phase	$45.00	$5.00
CP kW	$29.50	CP kW	$29.50	$0.00
NCP kW	$0.00	NCP kW	$0.00	$0.00
Energy Charge, per kWh	$0.063840	Energy Charge, per kWh	$0.084246	$0.020406
General Service 4		***General Service 4***		
Customer Charge	$500.00	Customer Charge	$500.00	$0.00
Billing kW - Transmission	$0.21	Billing kW - Transmission	$0.21	$0.00
Billing kW - Distribution Substation	$1.75	Billing kW - Distribution Substation	$1.75	$0.00
Billing kW - Distribution Primary	$7.19	Billing kW - Distribution Primary	$7.19	$0.00
Billing kW - Distribution Secondary	$7.70	Billing kW - Distribution Secondary	$7.70	$0.00
Energy Charge, per kWh	$0.000000	Energy Charge, per kWh	$0.000000	$0.000000
Plus Cost of Power		Plus Cost of Power		

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STAFF'S PROPOSED RATES

SUMMARY OF RATES

Existing:			Proposed:			Change
WPCA			**WPCA**			
WPCA Monthly Factor (Average)		$0.018545	WPCA Monthly Factor (Average)		$0.000000	($0.018545)
WPCA Base Cost		$0.062680	WPCA Base Cost		$0.081225	$0.018545
Total Power Cost (Average)		$0.081225	Total Power Cost		$0.081225	$0.000000
DSMA			**DSMA**			
DSMA Monthly Factor (Average)		$0.000000	DSMA Monthly Factor (Average)		$0.000000	$0.000000
Lighting			***Lighting***			
Security Light	53 kWh per month	$8.50	Security Light	53 kWh per month	$11.48	$2.98
Security Light and Pole	53 kWh per month	$17.10	Security Light and Pole	53 kWh per month	$21.91	$4.81
55 Watt LPS	27 kWh per month	$8.50	55 Watt LPS	27 kWh per month	$10.91	$2.41
90 Watt LPS	27 kWh per month	$8.50	90 Watt LPS	27 kWh per month	$10.91	$2.41
90 Watt LPS With Pole	27 kWh per month	$17.10	90 Watt LPS With Pole	27 kWh per month	$21.34	$4.24
90 Watt LPS With Metal Pole	27 kWh per month	$17.10	90 Watt LPS With Metal Pole	27 kWh per month	$21.34	$4.24
135 Watt LPS	45 kWh per month	$8.50	135 Watt LPS	45 kWh per month	$11.31	$2.81
135 Watt LPS With Pole	45 kWh per month	$17.10	135 Watt LPS With Pole	45 kWh per month	$21.74	$4.64
100 Watt HPS	30 kWh per month	$8.50	100 Watt HPS	30 kWh per month	$10.98	$2.48
150 Watt HPS	45 kWh per month	$8.50	150 Watt HPS	45 kWh per month	$11.31	$2.81
250 Watt HPS	75 kWh per month	$8.50	250 Watt HPS	75 kWh per month	$11.96	$3.46
250 Watt HPS With Pole	75 kWh per month	$17.10	250 Watt HPS With Pole	75 kWh per month	$22.39	$5.29
400 Watt HPS	120 kWh per month	$8.50	400 Watt HPS	120 kWh per month	$12.15	$3.65
400 Watt HPS With Pole	120 kWh per month	$17.10	400 Watt HPS With Pole	120 kWh per month	$22.58	$5.48
Customer Owned 90 Watt LPS	27 kWh per month	$9.25	Customer Owned 90 Watt LPS	27 kWh per month	$11.75	$2.50
Customer Owned 180 Watt LPS	54 kWh per month	$9.50	Customer Owned 180 Watt LPS	54 kWh per month	$12.62	$3.12
Wood Pole		$1.00	Wood Pole		$1.32	$0.32
Metal Pole		$2.75	Metal Pole		$3.48	$0.73

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STAFF'S PROPOSED RATES
COMPARISON OF EXISTING AND PROPOSED RATES
RESIDENTIAL

kWh Usage		Existing Billing	Proposed Billing	Change	Percent Change
Customer Charge		12.00	13.50	1.50	12.50%
Energy Charge		0.096020	0.124365	0.028345	29.52%
WPCA		0.018545	0.000000	(0.018545)	-100.00%
DSMA		0.000000	0.000000	0.000000	
50		17.73	19.72	1.99	11.22%
100		23.46	25.94	2.48	10.57%
250		40.64	44.59	3.95	9.72%
500		69.28	75.68	6.40	9.24%
750		97.92	106.77	8.85	9.04%
1,000		126.57	137.86	11.30	8.93%
1,500		183.85	200.05	16.20	8.81%
2,000		241.13	262.23	21.10	8.75%
3,000		355.70	386.59	30.90	8.69%
5,000		584.83	635.32	50.50	8.63%
916	Average	116.94	127.42	10.48	8.96%
Class Average Usage					
874	January	112.13	122.19	10.06	8.98%
803	February	104.00	113.36	9.37	9.01%
637	March	84.98	92.72	7.74	9.11%
649	April	86.35	94.21	7.86	9.10%
710	May	93.34	101.80	8.46	9.06%
1,029	June	129.89	141.47	11.58	8.92%
1,357	July	167.46	182.26	14.80	8.84%
1,272	August	157.73	171.69	13.97	8.85%
1,330	September	164.37	178.90	14.53	8.84%
921	October	117.51	128.04	10.53	8.96%
707	November	93.00	101.43	8.43	9.06%
698	December	91.97	100.31	8.34	9.07%
10,987	Total	1,402.73	1,528.39	125.67	8.96%
916	Average	116.89	127.37	10.47	8.96%
725	Median	95.06	103.66	8.60	9.05%

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PHASE I

COMPARISON OF EXISTING AND STAFF'S PROPOSED RATES
RESIDENTIAL TIME OF USE

Total kWh		Block kWh On Peak	Block kWh Off Peak	Existing Billing	Proposed Billing	Change	Percent Change
		28.70%	71.30%				
Customer Charge				16.00	16.00	0.00	0.00%
On-Peak Energy Charge				0.121440	0.198000	0.076560	63.04%
Off-Peak Energy Charge				0.041440	0.061000	0.019560	47.20%
WPCA				0.018545	0.000000	(0.018545)	-100.00%
DSMA				0.000000	0.000000	0.000000	
50		14	36	20.12	20.97	0.85	4.22%
100		29	71	24.32	26.07	1.75	7.21%
250		72	178	36.76	41.11	4.36	11.86%
500		144	356	57.51	66.23	8.72	15.15%
750		215	535	78.19	91.21	13.02	16.65%
1,000		287	713	98.95	116.32	17.37	17.56%
1,500		431	1,069	140.46	166.55	26.09	18.57%
2,000		574	1,426	181.89	216.64	34.75	19.10%
3,000		861	2,139	264.84	316.96	52.12	19.68%
5,000		1,435	3,565	430.73	517.60	86.87	20.17%
1,135		326	809	110.16	129.90	19.73	17.91%
Class Average Usage							
1,029	January	295	734	101.32	119.18	17.86	17.63%
997	February	286	711	98.69	116.00	17.31	17.54%
770	March	221	549	79.87	93.25	13.38	16.75%
816	April	234	582	83.67	97.83	14.17	16.93%
853	May	245	608	86.77	101.60	14.83	17.09%
1,206	June	346	860	116.02	136.97	20.95	18.05%
1,645	July	472	1,173	152.44	181.01	28.57	18.74%
1,643	August	472	1,171	152.32	180.89	28.57	18.76%
1,699	September	488	1,211	156.95	186.50	29.54	18.82%
1,209	October	347	862	116.28	137.29	21.01	18.06%
894	November	257	637	90.19	105.74	15.56	17.25%
853	December	245	608	86.77	101.60	14.83	17.09%
13,614	Total	3,908	9,706	1,321.28	1,557.85	236.57	17.90%
1,135	Average	326	809	110.11	129.82	19.71	17.90%

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STAFF'S PROPOSED RATES
COMPARISON OF EXISTING AND PROPOSED RATES

GENERAL SERVICE 1 - SINGLE PHASE

kWh Usage	Existing Billing	Proposed Billing	Change	Percent Change
Customer Charge	15.00	16.80	1.80	12.00%
Energy Charge	0.105380	0.135158	0.029778	28.26%
WPCA	0.018545	0.000000	(0.018545)	-100.00%
DSMA	0.000000	0.000000	0.000000	
50	21.20	23.56	2.36	11.14%
100	27.39	30.32	2.92	10.67%
250	45.98	50.59	4.61	10.02%
500	76.96	84.38	7.42	9.64%
750	107.94	118.17	10.22	9.47%
1,000	138.93	151.96	13.03	9.38%
1,500	200.89	219.54	18.65	9.28%
2,000	262.85	287.12	24.27	9.23%
3,000	386.78	422.27	35.50	9.18%
5,000	634.63	692.59	57.96	9.13%
706	102.49	112.22	9.73	9.49%
Class Average Usage				
726 January	104.97	114.92	9.96	9.48%
729 February	105.34	115.33	9.99	9.48%
629 March	92.95	101.81	8.87	9.54%
661 April	96.91	106.14	9.23	9.52%
663 May	97.16	106.41	9.25	9.52%
797 June	113.77	124.52	10.75	9.45%
850 July	120.34	131.68	11.35	9.43%
779 August	111.54	122.09	10.55	9.46%
794 September	113.40	124.12	10.72	9.45%
637 October	93.94	102.90	8.96	9.53%
636 November	93.82	102.76	8.94	9.53%
574 December	86.13	94.38	8.25	9.58%
8,475 Total	1,230.26	1,347.06	116.80	9.49%
706 Average	102.52	112.26	9.73	9.49%