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BEFORE THE ARIZONA CORPORATION COMMISSION

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AZ CORP COMMISSION  
DOCKET CONTROL

COMMISSIONERS

SUSAN BITTER SMITH, CHAIRMAN  
BOB STUMP  
BOB BURNS  
DOUG LITTLE  
TOM FORESE

IN THE MATTER OF THE APPLICATION OF ) DOCKET NO. E-04204A-15-0099  
UNS ELECTRIC, INC. FOR (1) APPROVAL OF )  
A NET METERING TARIFF AND (2) PARTIAL )  
WAIVER OF THE NET METERING RULES. ) **SUPPLEMENT TO APPLICATION**

UNS Electric, Inc., ("UNSE" or "the Company"), through undersigned counsel, hereby submits hereby submits the proposed net metering tariff referenced in its Application filed on March 25, 2015 in this docket. The Company has attached both a clean version of the proposed tariff (Rider-10) and a redline version (comparing the proposed tariff to the current net metering tariff.)

RESPECTFULLY SUBMITTED this 1<sup>st</sup> day of April, 2015.

UNS Electric, Inc.

By

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One Arizona Center  
400 East Van Buren Street, Suite 1900  
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Arizona Corporation Commission

**DOCKETED**

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and

Bradley S. Carroll  
UNS Electric, Inc.  
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Attorneys for UNS Electric, Inc.

Original and thirteen copies of the foregoing  
filed this 15<sup>th</sup> day of April, 2015, with:

Docket Control  
Arizona Corporation Commission  
1200 West Washington Street  
Phoenix, Arizona 85007

Copy of the foregoing hand-delivered  
this 15<sup>th</sup> day of April, 2015, to:

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Arizona Corporation Commission  
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Tucson, Arizona 85701

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**CLEAN VERSION**



UNS Electric, Inc.

Original Sheet No.: 710  
Superseding:

**Rider-10  
Net Metering for Certain  
Partial Requirements Service (NM-PRS), Post June 1, 2015**

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<sup>1</sup>, a Fuel Cell<sup>2</sup> or Combined Heat and Power (CHP)<sup>3</sup> 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:

- <sup>1</sup> Renewable Resources means natural resources that can be replenished by natural process. Renewable Resources include biogas, biomass, geothermal, hydroelectric, solar, or wind.
- <sup>2</sup> 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.
- <sup>3</sup> 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 Rate otherwise applicable under full requirements of service.

All power sales defined as "kWh" and special services supplied by the Company to the Customer in order to meet the Customer's electric requirements will be priced pursuant to the Customer's standard offer Rate otherwise applicable under full requirements service.

All energy produced by the Customer's generator in excess of the Customer's consumption at the time of the production is defined as excess generation and will be tracked through-out the month as excess generation and will be treated in accordance with the provisions outlined below.

EXCESS GENERATION

If at any time within a billing month the Customer's generation facility's energy production exceeds the energy consumed by the Customer, the Customer's bill for the same billing period shall be credited for the excess generation priced at the approved Renewable Credit Rate. In the event the credit exceeds the billable amount during that billing period, the unused credit will carry forward to the bill for the next billing period. The excess generation is treated the same for Standard Offer service Customers and Time-of-Use service Customers.

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

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



**UNS Electric, Inc.**

Original Sheet No.: 710-1  
Superseding: \_\_\_\_\_

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METERING

The Company will install a bi-directional meter at the point of delivery to the Customer and meter at the point of output from each of the Customer's generators. At the Company's request a dedicated phone line will be provided by the Customer to the metering to allow remote interrogation of the meters at each site. If by mutual agreement between Company and Customer that a phone line is impractical or cannot be provided - the Customer will work with Company to allow for the installation of equipment, on or with customer facilities or equipment to allow remote access to each meter. Any additional cost of communication, such as but not limited to, cell phone service fees will be the responsibility of the Customer.

UNS ELECTRIC STATEMENT OF CHARGES

For all additional charges and assessments approved by the Arizona Corporation Commission (ACC) see the UNS Electric Statement of Charges which is available on UNS Electric's website at [www.uesaz.com](http://www.uesaz.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.

RENEWABLE CREDIT RATE

The "Renewable Credit Rate" is the Rate equivalent to the most recent utility scale renewable energy purchased power agreement connected to the distribution system of the Company's affiliate, Tucson Electric Power Company, and is set forth in the UNS Electric Statement of Charges.

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.

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

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

**REDLINE VERSION**



UNS Electric, Inc.

Original Sheet No.: 704  
Superseding: \_\_\_\_\_

**Rider-410**  
**Net Metering for Certain**  
**Partial Requirements Service (NM-PRS)), Post June 1, 2015**

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<sup>1</sup>, a Fuel Cell<sup>2</sup> or Combined Heat and Power (CHP)<sup>3</sup> 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:

- <sup>1</sup> Renewable Resources means natural resources that can be replenished by natural process. Renewable Resources include biogas, biomass, geothermal, hydroelectric, solar, or wind.
- <sup>2</sup> 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.
- <sup>3</sup> 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 Rate otherwise applicable under full requirements of service.

~~Power~~All power sales defined as "kWh" 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, All energy produced by 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 generator in excess of the Customer's consumption at the time of the production is defined as excess generation and will be tracked through-out the month as excess generation and 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.~~

Filed By: Kentton C. Grant  
Title: Vice President  
District: Entire Electric Service Area

Rate: R-4  
Effective: January 1, 2014  
Decision No.: 74235



**UNS Electric, Inc.**

Original Sheet No.: 704  
Superseding: \_\_\_\_\_

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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. \_\_\_\_\_

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Filed By: Kentton C. Grant  
Title: Vice President  
District: Entire Electric Service Area

Rate: R-4  
Effective: January 1, 2014  
Decision No.: 74235



UNS Electric, Inc.

Original Sheet No.: 710

Superseding: \_\_\_\_\_

**EXCESS GENERATION**

~~If for any time within a billing month the Customer's generation facility's energy production exceeds the energy supplied consumed by the Company Customer, the Customer's bill for the next same billing period shall be credited for the excess generation. That is, priced at the excess kWh during the approved Renewable Credit Rate. In the event the credit exceeds the billable amount during that 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. Customers taking service under a time-of-use rate who are to receive credit in a subsequent billing period for excess kWh generated shall receive such unused credit in the next billing period for the on-peak or off-peak periods in which the kWh were generated by the Customer. Time-of-Use Customer's taking service in the billing month of April shall receive a credit to summer on-peak and summer off-peak usage in the billing month of May for any winter on-peak and/or winter off-peak will carry forward to the bill for the next billing period. The excess generation for April is treated the same for Standard Offer service Customers and Time-of-Use service Customers.~~

~~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 balance of excess kWhs after netting. The payment for the purchase of the excess kWhs will be at the Company's applicable avoided cost, which for purposes of this Rate shall be the simple average of the hourly Market Cost of Comparable Conventional Generation (MCCCG) Rider 3 for the applicable year. The MCCCG, as it applies to this Rate, is specified in Rider 3 MCCCG - Market Cost of Comparable Conventional Generation (MCCCG) Calculation as Applicable to Rider 4 NM-PRS (Not Metering for Certain Partial Requirements Service).~~

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

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



UNS Electric, Inc.

Original Sheet No.: \_\_\_\_\_ 704710-1  
Superseding: \_\_\_\_\_

METERING

The Company will install a bi-directional meter at the point of delivery to the Customer and meter at the point of output from each of the Customer's generators. At the Company's request a dedicated phone line will be provided by the Customer to the metering to allow remote interrogation of the meters at each site. If by mutual agreement between Company and Customer that a phone line is impractical or cannot be provided - the Customer will work with Company to allow for the installation of equipment, on or with customer facilities or equipment to allow remote access to each meter. Any additional cost of communication, such as but not limited to, cell phone service fees will be the responsibility of the Customer.

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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.

RENEWABLE CREDIT RATE

The "Renewable Credit Rate" is the Rate equivalent to the most recent utility scale renewable energy purchased power agreement connected to the distribution system of the Company's affiliate, Tucson Electric Power Company, and is set forth in the UNS Electric Statement of Charges.

RULES AND REGULATIONS

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Title: Vice President of Finance and Rates  
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Effective: Pending  
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