

**FARMINGTON ELECTRIC UTILITY SYSTEM  
SECOND REVISED RATE NO. 1  
CANCELLING FIRST REVISED RATE NO. 1**

**RESIDENTIAL SERVICE**

**APPLICABILITY:**

Applicable only for normal domestic light and power use provided to individual residences, dwellings and individually metered apartments. Service shall be supplied through one point of delivery and measured through one meter. Not applicable for standby, supplemental, or resale service.

**TERRITORY:**

All residential service provided by the Farmington Electric Utility System in San Juan County and Rio Arriba County.

**MONTHLY RATE:**

**PHASE I (1<sup>ST</sup> 12 MONTHS AFTER EFFECTIVE DATE):**

Customer Charge .....	\$3.25 plus
Energy Charge.....	\$0.08650 per kWh

**PHASE II (NEXT 12 MONTHS AFTER PHASE I):**

Customer Charge .....	\$3.50 plus
Energy Charge.....	\$0.08890 per kWh

**PHASE III (NEXT 12 MONTHS AFTER PHASE II):**

Customer Charge .....	\$3.75 plus
Energy Charge.....	\$0.09132 per kWh

**MONTHLY MINIMUM:**

The monthly minimum charge under this Schedule shall never be less than the customer charge plus the tax adjustment.

**POWER COST ADJUSTMENT:**

The above rates include a base power supply cost and cost of service index of \$0.035 per

kWh sold. The above rates shall be increased or decreased by \$0.0000001 per kWh for each \$0.0000001 by which the power supply cost and cost of service index varies from \$0.035 per kWh.

#### SPECIAL TAX AND ASSESSMENT ADJUSTMENT:

Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of payments made in lieu of ad valorem taxes) payable by the Utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any event incidental to the rendition of the service.

#### TERMS OF PAYMENT:

Bills are due and payable within fourteen (14) days of the billing date, are past due fifteen (15) days after bill is rendered, are delinquent twenty-five (25) days after the billing date, and service may be terminated for non-payment approximately thirty (30) days from the original due date of the bill subject to a first delinquent notice provided fourteen (14) days prior to disconnection of utility service and a last notice of termination mailed five (5) business days prior to termination of service. If there is a returned check from the customer or the customer is on a payment plan, the notice is hand delivered to the customer at least two (2) days prior to service termination.

#### BUDGET BILLING PLAN:

Eligible residential customers may elect to participate in the Budget Billing Plan. Under this plan, the Utility will estimate the customer's monthly bills for the next twelve months. The Utility will then render average monthly bills based on the estimate. A credit or debit will be calculated each month based on the customer's actual consumption and the Utility's estimate. The accrued credit or debit balance will be shown on each monthly bill. Annually the customer's account will be reviewed and the average monthly bill adjusted, if necessary, to correct for differences between the customer's actual monthly bill and the Utility's monthly estimate. Settlement of the accrued credit or debit will always be made on a customer's final bill. The Utility reserves the right to adjust its' estimate at any time to correct for consumption or charges above or below the estimate. Interest will not be charged the customer on accrued debit balances nor paid by the Utility on accrued credit balances.

#### TERMS AND CONDITIONS:

- A. Service under this Schedule is subject to the Rules and Regulations of the Farmington Electric Utility System.
- B. Service under this schedule shall be single-phase, 60 hertz, 120/240 volts.

Resolution Number: 2013-1492  
Approved: October 8, 2013  
Effective Date: November 1, 2013

**FARMINGTON ELECTRIC UTILITY SYSTEM  
FIRST REVISION RATE NO. 17  
CANCELLING ORIGINAL RATE NO. 17**

**RESIDENTIAL NET METERING TARIFF**

**APPLICABILITY:**

Available to customers who normally receive electric service under the Residential Service rate of the Farmington Electric Utility System (FEUS) for the purchase of all or a portion of their energy requirements. Service shall be supplied through one point of delivery and measured through a meter which will meter "kWh Delivered" and "kWh Received" from the Farmington Electric Utility's standpoint and at the Electric Utility's option. The customer's installation shall not exceed 10 kW and will not use carbon based fuels. Not applicable for standby, supplemental, or resale service.

**TERRITORY:**

All residential service provided by the Farmington Electric Utility System in San Juan County and Rio Arriba County.

**MONTHLY RATE:**

**PHASE I (1<sup>ST</sup> 12 MONTHS AFTER EFFECTIVE DATE):**

Customer Charge.....	\$3.25 plus
Energy Charge.....	\$0.08650 per kWh
Buy-Back.....	\$0.08650 per kWh

**PHASE II (NEXT 12 MONTHS AFTER PHASE I):**

Customer Charge.....	\$3.50 plus
Energy Charge.....	\$0.08890 per kWh
Buy-Back.....	\$0.08890 per kWh

**PHASE III (NEXT 12 MONTHS AFTER PHASE II):**

Customer Charge.....	\$3.75 plus
Energy Charge.....	\$0.09132 per kWh
Buy-Back.....	\$0.09132 per kWh

PCA.....Applicable only to purchases  
in excess of self-generation

If electricity supplied by FEUS to the customer exceeds the electricity generated by the customer's system during a billing period, the customer will be invoiced for the net energy supplied by FEUS under this Tariff.

If electricity generated by the customer's system (kWh Received) exceeds the electricity supplied by FEUS (kWh Delivered) during a billing period, FEUS will credit the customer's invoice with the net kilowatt hours generated that period on to the next bill. Unused kWh credits will be carried forward from month to month. At the end of the calendar year the account will be "trued-up" and FEUS will buy-back from the customer all kWh credits on their account; FEUS and the customer may mutually agree to carry the credits forward.

If the customer moves to another location or leaves the FEUS system, FEUS will buy-back all unused credits for excess kilowatt hours on that customer's account at the then current rate.

#### MONTHLY MINIMUM:

The monthly minimum charge under this Schedule shall never be less than the Customer Charge plus any applicable tax adjustments.

#### POWER COST ADJUSTMENT:

The above rates include a base power supply cost and cost of service index of \$0.035 per kWh sold. The above rates shall be increased or decreased by \$0.0000001 per kWh for each \$0.0000001 by which the power supply cost and cost of service index varies from \$0.035 per kWh.

#### SPECIAL TAX AND ASSESSMENT ADJUSTMENT:

Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of payments made in lieu of ad valorem taxes) payable by the Utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any event incidental to the rendition of the service.

#### CONDITIONS AND TYPE OF SERVICE:

1. The Customer will be required to complete an Application for Interconnection for Customer-Owned Qualifying Facilities rated 10 kW or less.
2. The Customer will be required to meet the Electric Utility's Rules and Regulations Number 21 and Number 26 to qualify for this Net Metering Tariff.
3. The Customer will be responsible for all additional equipment costs to ensure the safety and reliability of Farmington Electric Utility personnel and the electrical system.

**TERMS OF PAYMENT:**

Bills are due and payable within fourteen (14) days of the billing date, are past due fifteen (15) days after bill is rendered, are delinquent twenty-five (25) days after the billing date, and service may be terminated for non-payment approximately thirty (30) days from the original due date of the bill subject to a first delinquent notice provided fourteen (14) days prior to disconnection of utility service and a last notice of termination mailed five (5) business days prior to termination of service. If there is a returned check from the customer or the customer is on a payment plan, the notice is hand delivered to the customer at least two (2) days prior to service termination.

**BUDGET BILLING PLAN:**

Due to the unknown generation on the customer's premises and the inability to accurately determine generation and usage, the budget billing plan will not be available to customers receiving service under this tariff.

**TERMS AND CONDITIONS:**

- A. Service under this Schedule is subject to the Rules and Regulations of the Farmington Electric Utility System.
- B. Service under this schedule shall be single-phase, 60 hertz, 120/240 volts.

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## **Small Facility Interconnection Guidelines**

Qualifying Facility 10 kilowatts or smaller

### **General:**

FEUS will authorize the interconnection of any photovoltaic or other qualifying renewable resource, generating system rated at 10 kilowatts or less that complies with FEUS' Interconnection Requirements as stated in Rule 21.

- Systems that interconnect by means of an inverter that is UL 1741 compliant meet State and FEUS requirements.
- Interconnected systems must comply with all applicable building and electrical codes.
- A single meter will normally be used for net metering.
- FEUS requires that a utility-accessible, lockable load-break disconnect switch be installed between the output of the inverter and the point of interconnection. This switch is referred to later as the customer generation disconnect switch. This disconnect, which can be operated and controlled by FEUS, must provide a verifiable, visible air gap between the inverter and the point of interconnection. Circuit breakers and inverter software modes do not meet the disconnect switch requirement. Be sure to confirm with your installer that opening the customer generation disconnect switch will not cause some of your loads to be without power from FEUS.
- For installations where the customer generation disconnect switch is not located adjacent to the FEUS metering point, a simple site diagram showing the physical locations of all key components is required. The system one-line and site diagram drawings must identify all major equipment including the inverter, electric service panels, the customer generation disconnect switch and the FEUS metering point. These last two items must be clearly labeled on the one-line diagram.
- FEUS personnel must verify the anti-islanding operation of the inverter.
- A permanent weatherproof one-line diagram or sketch of the system must be installed at the FEUS point of service.
- A standard form of interconnection agreement between FEUS and the customer must be signed before the system can be interconnected to the FEUS system.

### **Detailed Process:**

1. Request an application from the New Service personnel in the Electric Engineering Division of the Farmington Electric Utility located at 101 North Browning Parkway in Farmington or call 505.599.8312.

2. When your project plans are finalized, complete the application for interconnection and return it along with the \$50 application fee to FEUS using the address above. The application must include a copy of the inverter manufacturer's specification sheet showing the inverter's rating and its listing under UL 1741. The application will also need to include a simple one-line diagram of the proposed system. For installations where the customer generation disconnect switch (utility-accessible disconnect switch) is not located adjacent to the FEUS metering point, a simple site diagram showing the physical locations of all key components of the system is required. The system one-line and site diagram drawings must identify all major equipment including the inverter, electric service panels, the customer generation disconnect switch and the FEUS metering point. These last two items must be clearly labeled on the one-line diagram.

FEUS will not process or approve projects without finalized project plans.

The one-line electrical diagram and, if required, the site diagram are critical components of the application for interconnection and will become part of the Interconnection Agreement. Deficiencies in the one-line diagram and site drawing are the most common cause for delays in FEUS' review and approval of an application for interconnection.

If there are any questions or concerns about the application or about the interconnection plans, FEUS will contact you or your contractor for clarification to resolve the interconnection concerns. If the application is complete and the interconnections plans are acceptable, FEUS will approve the interconnection design.

To avoid unnecessary cost and delay, it is recommended that FEUS' approval of the final interconnection design be obtained prior to purchasing material or equipment for the project.

3. After the application has been approved, FEUS will send you two originals of the standard form Interconnection Agreement. Both originals of this agreement will need to be signed by you, the FEUS customer/generator owner who is requesting the interconnection. You then return both of the signed originals to FEUS for FEUS' signature.

FEUS will execute the Interconnection Agreement when all inspections are complete and the generating system has been authorized to commence interconnected operation.

4. After construction of the generating system is complete and after it has received the final electric inspection from the local building code authority, you or your contractor will need to contact FEUS for an interconnection approval inspection. The purpose of the FEUS inspection will be:
  - a. To verify that the facility has been constructed as it is represented in the application and in the Interconnection Agreement;
  - b. To verify that the anti-islanding protection of the inverter is operational.
  - c. To install permanent warning signs and to verify that a permanent weatherproof copy of the one-line diagram and, if required, a site drawing have been installed at the

point of the metering.

FEUS interconnection inspections can usually be scheduled within 10 working days of receiving a request.

5. After the interconnection has passed FEUS' inspection, FEUS will provide written authorization for you to commence interconnected operations. The written authorization to commence interconnected operation is an attachment to the fully executed Interconnection Agreement.

FEUS will return one of the fully executed agreements to you, the customer/generator owner.

The generating system may not be operated in parallel with FEUS' system without FEUS' written authorization to do so.

**Waiver:**

I also agree to waive any demand, claim or suit seeking damages to my generation facilities, electric equipment or bodily injury to myself or other caused by the interconnection of my system to FEUS, including damages or injury caused by the negligence of FEUS employees or agents or the malfunction of FEUS equipment. In addition, I agree to hold FEUS harmless from any demand, claim or suit arising out of any damage to any third party relating to the interconnection of my system and FEUS not caused by the negligence of FEUS or its employees or agents.

**Agreement:**

I, \_\_\_\_\_, agree to abide by these interconnection guidelines and Rule 21 as currently written or revised in the future.

\_\_\_\_\_  
Owner

\_\_\_\_\_  
Date

November 13, 2007



# Application for Parallel Operation With FEUS

**Owner:** \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_  
FEUS Account Number: \_\_\_\_\_

**Consulting Engineer/Contractor:** \_\_\_\_\_  
Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
Phone: \_\_\_\_\_

**Service Point Location:** \_\_\_\_\_  
Name/Location of existing service

### Equipment Information:

Inverter: \_\_\_\_\_

Item	Manufacturer	Model Number
Type: ___ Synchronous	___ Induction ___ Inverter	___ Other _____
Energy source: ___ Wind	___ Solar ___ Hydro	___ Other _____
Rating: _____ Watts		Rating: _____ Voltage Amps
Rated Output: _____ Voltage Amps		Rated Voltage: _____ Volts
Rated Current: _____ Amps		Rated Frequency 60 Hertz: ___ Yes
Efficiency: _____		Power Factor: _____
THD: _____		Max Fault Current: _____ Amps

Location of Mandatory External Disconnect: \_\_\_\_\_

### General Information:

Will the system export power: \_\_\_ Yes \_\_\_ No  
If "yes", maximum amount expected: \_\_\_\_\_ Watts  
One-Line diagram attached: \_\_\_ Yes \_\_\_ No (Must be submitted)  
Meets all applicable Standards, Codes, and Rules (IEEE, UL, NEC, FEUS, etc.) \_\_\_ Yes

### Permitting Information:

City permit number: \_\_\_\_\_ State permit number: \_\_\_\_\_ Electrician: \_\_\_\_\_  
**(Electrician must call for inspection)**

\_\_\_\_\_  
Signature of Applicant Date  
Fee Paid: \$ \_\_\_\_\_ Date: \_\_\_\_\_ Receipt No.: \_\_\_\_\_

**Mail to:**  
**Net Metering Interconnection/New Service**  
**Farmington Electric Utility System**  
**101 N. Browning Parkway**  
**Farmington, NM 87401**  
**Phone: (505) 599-8310, Fax: (505) 599-8421**

**FARMINGTON ELECTRIC UTILITY SYSTEM  
FIRST REVISED RATE NO. 19  
CANCELLING ORIGINAL RATE NO. 19**

**RESIDENTIAL RENEWABLE TARIFF**

**APPLICABILITY:**

Available to customers who normally receive electric service under the Residential Service rate of the Farmington Electric Utility System (FEUS) for the purchase of all or a portion of their energy requirements. Service shall be supplied through one point of delivery and measured through one meter. Not applicable for standby, supplemental, or resale service.

**TERRITORY:**

All residential service provided by the Farmington Electric Utility System in San Juan County and Rio Arriba County.

**MONTHLY RATE:**

**PHASE I (1<sup>ST</sup> 12 MONTHS AFTER EFFECTIVE DATE):**

Customer Charge.....	\$3.25 plus
Renewable Energy Charge.....	\$0.08650 per 100 kWh block (price determined by market, see below)
Energy Charge.....	\$0.08650 per kWh purchased in excess of renewable energy block allocation
Delivery Charge.....	\$0.01200 per kWh (for renewable energy purchased)
PCA.....	Applicable only to purchases in excess of renewable energy block allocations

**PHASE II (NEXT 12 MONTHS AFTER PHASE I):**

Customer Charge.....	\$3.50 plus
Renewable Energy Charge.....	\$0.08890 per 100 kWh block (price determined by market, see below)
Energy Charge.....	\$0.08890 per kWh purchased in excess of renewable energy block allocation
Delivery Charge.....	\$0.01200 per kWh (for renewable energy purchased)
PCA.....	Applicable only to purchases in excess of renewable energy block allocations

PHASE III (NEXT 12 MONTHS AFTER PHASE II):

Customer Charge.....	\$3.75 plus
Renewable Energy Charge.....	\$0.09132 per 100 kWh block (price determined by market, see below)
Energy Charge.....	\$0.09132 per kWh purchased in excess of renewable energy block allocation
Delivery Charge.....	\$0.01200 per kWh (for renewable energy purchased)
PCA.....	Applicable only to purchases in excess of renewable energy block allocations

MONTHLY MINIMUM:

The monthly minimum charge under this Schedule shall never be less than the Customer Charge plus the charges for the renewable energy block(s) the customer committed to in the Application for Voluntary Renewable Energy Rate plus the delivery charge, plus energy purchase in excess of the renewable energy block, plus the PCA, plus any applicable tax adjustments.

POWER COST ADJUSTMENT:

The customer will be charged a fuel and purchased power cost adjustment on any energy purchased in excess of the renewable energy block allocation. The above rates include a base power supply cost and cost of service index of \$0.035 per kWh sold. The above rates shall be increased or decreased by \$0.0000001 per kWh for each \$0.0000001 by which the power supply cost and cost of service index varies from \$0.035 per kWh.

SPECIAL TAX AND ASSESSMENT ADJUSTMENT:

Billings under this Schedule may be increased by an amount equal to the sum of the taxes payable under the Gross Receipts and Compensating Tax Act and of all other taxes, fees, or charges (exclusive of payments made in lieu of ad valorem taxes) payable by the Utility and levied or assessed by any governmental authority on the public utility service rendered, or on the right or privilege of rendering the service, or on any event incidental to the rendition of the service.

TERMS OF PAYMENT:

Bills are due and payable within fourteen (14) days of the billing date, are past due fifteen (15) days after bill is rendered, are delinquent twenty-five (25) days after the billing date, and service may be terminated for non-payment approximately thirty (30) days from the original due date of the bill subject to a first delinquent notice provided fourteen (14) days prior to disconnection of utility service and a last notice of termination mailed five (5) business days prior to termination of service. If there is a returned check from the customer or the customer

is on a payment plan, the notice is hand delivered to the customer at least two (2) days prior to service termination.

#### CONDITIONS AND TYPE OF SERVICE:

Service will be provided to those customers who request to receive their energy from Renewable Energy Resources. "Renewable Energy" means electrical energy generated by means of a low or zero-emissions generation technology that has substantial long-term production potential and may include, without limitation, solar, wind, hydropower, geothermal, landfill gas, anaerobically digested waste biomass or fuel cells that are not fossil fueled. Renewable energy does not include fossil fuel or nuclear.

The amount of power subscribed to by the customer shall be set out in an Application for Voluntary Renewable Energy Rate.

Customer may purchase 100 kWh blocks of Renewable Energy up to approximately 100 percent of monthly consumption. Each purchase will remain in effect for a period of twelve (12) months as required in the Application for Voluntary Renewable Energy Rate. In the event that a customer uses less energy than purchase, no credit shall be given. Any additional costs incurred by FEUS in the procuring of Renewable Energy blocks will be included in the Renewable Energy Charge. For energy usage in excess of renewable energy purchased the customer will pay the energy charge and the PCA.

#### TERMS AND CONDITIONS:

- A. Service under this Schedule is subject to the Rules and Regulations of the Farmington Electric Utility System.
- B. Service under this schedule shall be single-phase, 60 hertz, 120/240 volts.

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