

UNITED POWER, INC.

name of utility

Colo. PUC No. 3

Original Sheet No. Q-001

Cancels Sheet No. \_\_\_\_\_

**STANDARD INTERCONNECTED QUALIFYING FACILITY SERVICE**

(General Service Classification)

STANDARD RATE FOR PURCHASES OF POWER, ENERGY, OR BOTH

(Rate Title or Number)

Company  
Rate  
Code

**Availability**

Available within all territory served by the Association.

**Applicability**

Applicable for the purchase of power, energy, or both by the Association from a facility with maximum generating capacity of 100 kW or less qualifying as a "small power production facility" or as a "cogeneration facility" as defined in paragraph 292.203 (a) and (b), respectively, of Title 18 of the Code of Federal Regulations (CFR), Section 2.000, of the Colorado Public Utilities Commission's Exhibit A, of Decision Number C82-1438, and subject to the Association's Rules and Regulations of this service classification.

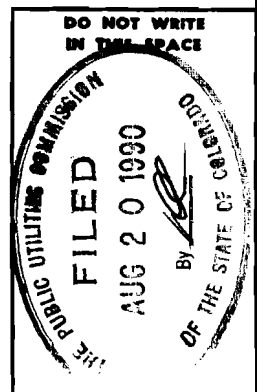
Use of this service classification must be accompanied by service under the service schedule, "Standard Supplementary and Maintenance Power Service to Qualifying Facilities of 100 kW or Less in Size" and a current, executed Electric Service Agreement for qualifying member-owned generation facilities of 100 kW or less maximum generating capacity.

Prior to receiving service under this schedule, the qualifying facility owner (QFO) will also furnish to the Association all data required by the Association in its implementation of Decision Number C82-1438, Exhibit A of the Colorado Public Utilities Commission's and the Association's Rules and Regulations of this service classification.

**Type of Service Available**

Electric Service is available to QFs under this service classification at 60 Hz single-phase, or three-phase (where available) and at available secondary voltages, and subject to the Association's Rules and Regulations of this service classification.

RATE



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*James Boyd Jr.*  
Signature of Issuing Officer  
President

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Original Sheet No. Q-002

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**STANDARD INTERCONNECTED QUALIFYING FACILITY SERVICE**

(General Service Classification)

STANDARD RATE FOR PURCHASES OF POWER, ENERGY OR BOTH - Continued

Company  
Rate  
Code

(Rate Title or Number)

**Payments for the Qualifying Facility Production**

Where the customer is a qualifying facility as defined in the Association's Rules and Regulations, and where the customer has met all requirements for interconnection included in the Association's Rules and Regulations, the Association offers to purchase all power, energy or both made available in accordance with the rate schedules below.

RATE

**Optional Demand Payments (Per Month)**

Option 1 demand payment defined below will be based on suitable energy (kWh) meters installed, owned, and maintained by the Association.

The Option 2 demand payment identified below shall be based on augmented metering installed, owned, and maintained by the Association or its power supplier(s) suitable for measuring: (1) the QF's total monthly energy output and (2) the QF's kW output in the 30-minute "coincident total load interval". The coincident total load interval is defined as that 30-minute interval during which the aggregate loads of the Association's wholesale delivery point serving the QF interconnection reach their highest kW level during the applicable monthly billing period. The Association will process the appropriate metering data to calculate the total load including the effects of QF output:

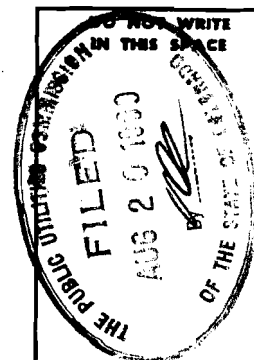
Option 1 Demand Payment: Intermittent Generating Capacity Provided.

Demand Payment: per kW per month .....

\$0.00

Option 2 Demand Payment: Proven firm Generating Capacity Provided.

The Association's demand payment for proven QF firm generation capacity shall be computed from the formula:



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**STANDARD INTERCONNECTED QUALIFYING FACILITY SERVICE**

(General Service Classification)

STANDARD RATE FOR PURCHASES OF POWER, ENERGY OR BOTH - Continued

(Rate Title or Number)

Company  
Rate  
Code

Option 2 monthly demand payment (\$) = 
$$\frac{kW_c \times A \times B \times C}{D}$$

Where:

(1)  $kW_c$  is the qualifying facility metered kW production in the 30-minute coincident total load interval calculated by the Association

(2) A is calculated from:

$$\frac{\text{Total QF metered energy output (kWh) in billing period}}{\text{QF nameplate rating (kW) x hours in billing period}}$$

(3) B is the estimated annual fixed cost (at the planned commercial operation date) of the long run marginal generation unit planned by the Association's all-requirements wholesale power supplier divided by 12

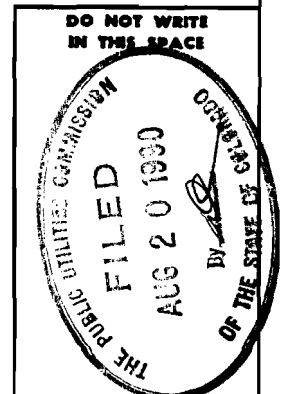
(4) C is the multiplying factor 1.000 (unity) decreased by 0.02 for each value of 0.01 that the metered power factor of the QF falls below 0.95 in the coincident total load interval

(5) D is the time difference in years (whole and fractional years) between the present billing period and the planned commercial operation date for the long run marginal generation unit planned by the Association's all-requirements wholesale power supplier. The value of D shall not be less than one (1.0) year.

The commercial operating data for the long-run marginal generating unit of the Association's all-requirements power supplier (Tri-State Generation and Transmission Association, Inc.) is after 1993, but unknown and only speculative at this time. Accordingly,

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DO NOT WRITE  
IN THIS SPACE



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STANDARD INTERCONNECTED QUALIFYING FACILITY SERVICE

(General Service Classification)

STANDARD RATE FOR PURCHASES OF POWER, ENERGY OR BOTH - Continued  
(Rate Title or Number)

Company  
Rate  
Code

Option 2 demand payment: per kW<sub>c</sub> per month .....

RATE  
\$0.00

Avoided Energy Payments

For each qualifying facility offering energy (e.g., kilowatt hours) to the Association, the Association will make monthly avoided energy payments according to the following scheduled:

Avoided energy payment: per kWh .....

\$0.01302

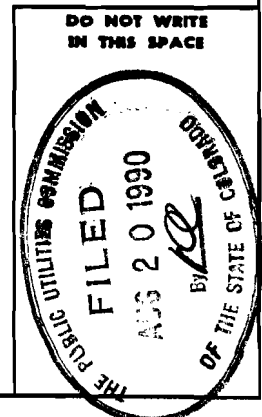
Avoided Energy Rate Adjustment (EA)

Where (to recognize the qualifying facility's possible displacement of transmission, distribution, and transformation losses):

- A. For service under Demand Payment Option 1, the factor EA shall be 1.05, or
- B. For service under Demand Payment Option 2, the factor EA shall be the value 1.05 decreased by the value 0.02 for each value of 0.01 that the power factor of the qualifying facility falls below the value 0.95 in the 30-minute coincident total load interval.

Energy Payments Correlated to Avoided Energy Costs

The energy payments established above shall be increased or decreased in accordance with the Association's wholesale all-requirements power supplier's avoided cost of energy, excluding any unavoidable production costs, fixed costs, or surcharges which from time-to-time may be included in the energy component of the Association's wholesale power rate. Such adjustments shall be made on a per kWh basis using data supplied by the Association's all-requirements wholesale power supplier (Tri-State Generation & Transmission Association, Inc.).



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**STANDARD INTERCONNECTED QUALIFYING FACILITY SERVICE**

(General Service Classification)

STANDARD RATE FOR PURCHASES OF POWER, ENERGY OR BOTH - Continued  
(Rate Title or Number)

Company  
Rate  
Code

The energy payment adjustment for this service schedule  
per kWh.....

RATE  
  
\$0.00

**Interconnection Costs**

Interconnection costs shall be paid to the Association prior to initiation of service under this schedule unless agreed otherwise by the Association and the QF by the separate Electric Service Agreement required for service under this schedule.

**Metering and Meter Readings**

Metering for qualifying facilities electing demand payment Option 1 shall be on the basis of suitable energy (kWh) meters installed, operated, owned and maintained by the Association in accordance with the Association's Rules and Regulations and read by the Association on a monthly basis. Monthly service charge for processing meter data under Option 1 demand payment: .....

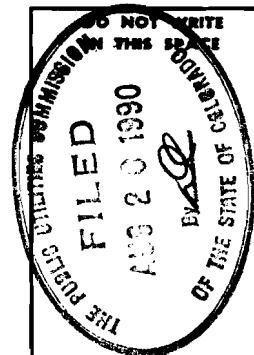
\$10.00

Augmented metering for qualifying facilities electing to provide proven firm generating capacity under demand payment Option 2 shall be installed, operated, owned and maintained by the Association in accordance with the Association's Rules and Regulations and read and processed monthly by the Association for purposes of determining the associated demand payments. Monthly service charge for each qualifying facility electing demand payment Option 2:.....

\$35.00

**Terms and Payments by the Association to the Qualifying Facility Owner**

The Association shall make payments to the qualifying facility owner under Demand Option 1 on a like term with the meter reading schedule applicable to the retail sales service classification referenced in the required supplementary and/or maintenance power service schedule to the qualifying facility. If Demand Option 2 is selected, payments shall be made within



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STANDARD INTERCONNECTED QUALIFYING FACILITY SERVICE

(General Service Classification)

STANDARD RATE FOR PURCHASES OF POWER, ENERGY OR BOTH - Continued  
(Rate Title or Number)

Company  
Rate  
Code

30 (thirty) days after the Association receives the load data of the appropriate wholesale delivery point serving the qualifying facility. No payments shall be made if the qualifying facility owner is delinquent in payments for other electric service provided or if other meter seals are broken.

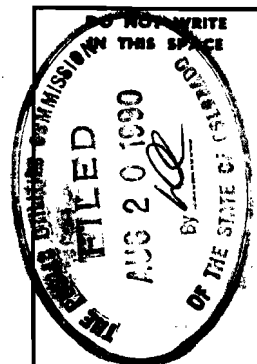
RATE

Contract Period

All contracts under this schedule shall be on a like term with the Electric Service Agreement required by the Association's Rules and Regulations.

Rules and Regulations

Electric service supplied and power, energy or both purchased by the Association under this schedule shall be subject to the terms and conditions set forth in the Association's Rules and Regulations on file with the Public Utilities Commission of the State of Colorado.



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Colo. PUC No. 3  
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**STANDARD INTERCONNECTED QUALIFYING FACILITY SERVICE**  
(General Service Classification)

**STANDARD SUPPLEMENTARY AND MAINTENANCE POWER**  
(Rate Title or Number)

Company  
Rate  
Code

**Availability**

Available within all territory served by the Association.

**Applicability**

Applicable to all customers of the Association which interconnect electric generating equipment determined to be a QF in accordance with the Association's Rules and Regulations for this service classification.

**Supplementary Power**

Electric power service supplied by the Association on a regular basis in addition to the power, energy, or both ordinarily generated by a qualifying facility (QF) defined as a "small power production facility" or as a "cogeneration facility" in paragraph 292.203 (a) and (b), respectively, section 201 of Title 18 of the Code of Federal Regulations (CFR), paragraph 2.0 of Exhibit A of the Colorado Public Utilities Commission Decision Number C82-1438 and subject to the Association's Rules and Regulations for this service classification.

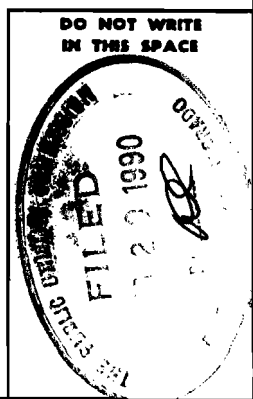
**Maintenance Power**

Electric power service supplied by the Association on a scheduled basis to a QF during a QF outage scheduled in advance in accordance with the Association's Rules and Regulations.

**Type of Service Available**

Single-phase or three-phase (where available), 60 Hz power and energy at available secondary voltages, subject to the Association's Rules and Regulations of the service classification.

RATE



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**STANDARD INTERCONNECTED QUALIFYING FACILITY SERVICE**

(General Service Classification)

**STANDARD SUPPLEMENTARY AND MAINTENANCE POWER - Continued**

(Rate Title or Number)

Company  
Rate  
Code

**Rate**

The rate for electric service provided by the Association under this schedule shall be the same as the currently filed and approved retail service classification which would apply to a nongenerating retail consumer with similar load characteristics. Any incremental load or service characteristics of the qualifying facility shall also be considered when selecting the appropriate retail rate schedule.

RATE

**Meter Readings**

Meter readings for service under this schedule shall be in accordance with the Association's Rules and Regulations and the approved retail service schedule determined applicable to the qualifying facility owner's service.

**Billing Provisions**

Billing procedures shall be the same as those specified in the currently filed and approved retail rate schedule selected for application to the qualifying facility owner's service.

**Terms of Payment**

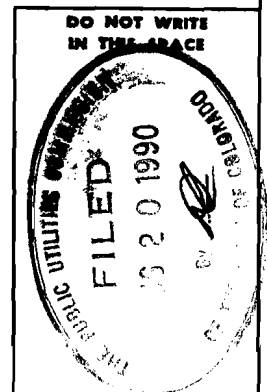
The bills for electric service provided hereunder are due and payable by the due date indicated on the bill.

**Contract Period**

The contract period for this schedule shall be equivalent to that included in the approved retail service schedule for nongenerating consumers determined appropriate for the consumer owning and interconnecting the qualifying facility.

**Rules and Regulations**

Electric service supplied under this schedule shall be subject to the terms and conditions set forth in the Association's Rules and Regulations for the applicable retail service schedule on file with the Public Utilities Commission of the State of Colorado.



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**STANDARD INTERCONNECTED QUALIFYING FACILITY SERVICE**

(General Service Classification)

**STANDARD BACKUP POWER SERVICE**

(Rate Title or Number)

Company  
Rate  
Code

**Availability**

This service is available within all territory served by the Association.

**Applicability**

This service schedule shall be applicable during any unscheduled outage of a qualifying facility (QF) defined as a "small power production facility" or as a "cogeneration facility" in paragraph 292.303 (a) and (b), respectively, of Title 18 of the Code of Federal Regulations (CFR), paragraph 2.0 of Exhibit A (Decision Number C82-1438) of the Colorado Public Utilities Commission and subject to the Association's Rules and Regulations for this service classification.

This schedule shall be applicable on a standard basis only to qualifying facilities with maximum generating capacity of 100 kW or less.

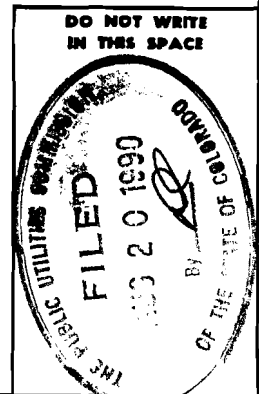
**Type of Service Available**

This service shall be available subject to the Association's Rules and Regulations for this service schedule and at any of the available secondary voltages and power delivery conditions provided by the Association to its consumers throughout its service territory in accordance with the aggregate of approved retail service schedules on file with the Colorado Public Utilities Commission.

**Rate**

The rate for sales under this schedule shall be the same as that applicable to a nongenerating consumer with load and service characteristics similar to those of the consumer interconnecting the qualifying facility. Any incremental load and service characteristics of the qualifying facility shall be considered in selecting the applicable retail rate schedule.

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**STANDARD INTERCONNECTED QUALIFYING FACILITY SERVICE**

(General Service Classification)

**STANDARD BACKUP POWER SERVICE - Continued**

(Rate Title or Number)

Company  
Rate  
Code

**Meter Readings**

Meter readings shall be made by the Association on the same basis as required by the retail service schedule selected for application to the qualifying facility as defined above.

**Billing Provisions**

The Association shall bill the qualifying facility owner for service under this schedule on the same basis as required by the established retail rate selected for application to the qualifying facility owner's service.

**Terms of Payment**

Bills of electric service provided under this schedule are due and payable by the due date indicated on the bill.

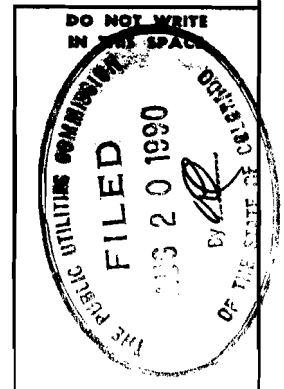
**Contract Period**

Contract period for service under this schedule shall be of like term and period as that defined in the established retail rate selected for application to the qualifying facility.

**Rules and Regulations**

Electric Service under this schedule shall be subject to the terms and conditions set forth in the Association's Rules and Regulations on file with the Public Utilities Commission of the State of Colorado for the retail service schedule selected above.

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