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S-001

RULES AND REGULATIONS

Rules, Regulations or Extension Policy

RESIDENTIAL SERVICE

These rule and regulations apply to Residential Services supplied by United Power to United Customers

DEFINTION

Residential Service is the furnishing of electric energy for the exclusive use of the individual customer for lighting, refrigeration, cooking, water heating, space heating, air conditioning, and small motor and power service to a private home, individual living unit or an individual premise. Except as provided herein for the multi-family units, only one household shall be served through a single meter. Service to buildings, appurtenant to the residence, including garages, barns and other minor building used by residents, (excluding irrigation pump) may also be served through the residential meter.

SERVICE CHARACTERISTICS

- 1. Residential Service will be supplied as 60 cycle, single-phase alternating current electric energy at nominally 120 volt, two-wire or 120/240 volt, three-wire service. Three-phase irrigation service will also be supplied as 60 cycle, three-phase alternating current electric energy at 120/208 volt, four-wire service or 277/480 volt, four-wire service. United reserves the right to maintain different nominal voltages in areas where the type of distribution makes another nominal voltage advisable.
- 2. Three-wire service is required where more than two circuits are supplied to the meter and for motor, heating and/or range load, or where required by the applicable wiring code. Where three-wire service is supplied, the load must be balanced as nearly as practicable between two sides.

SERVICE APPLICABILTY

1. The use of single-phase transformer-type welders, single-phase x-ray machines and other apparatus having similar operating characteristics is permitted where adequate distribution and transformer capacities are available. Service to motor generators or synchronous-type welders is governed by the rules pertaining to motors.

2. Electric water heating and space heating may be furnished under Residential Service rate schedules. In the event time clocks or other controls are installed by the customer, said devices shall not be used in such a way as to cause a significant decrease in the customer's load factor.

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RULES AND REGULATIONS

Rules, Regulations or Extension Policy

RESIDENTIAL SERVICE- continued

SERVICE APPLICABILTY- continued

- 3. If the residential customer uses more than 65,000 kilowatt-hours during any twelve-month period, the appropriate Commercial, Industrial, or Irrigation rate schedule shall apply.
- 4. Residential Service is not applicable to schools or churches or commercial enterprises except as T provided herein. Where a part of the residence is devoted to an office, studio or other gainful enterprise and the use of service for said purpose is incidental to the residence use, the entire electric load may be served under the applicable Residential Service Schedule.
- 5. Service may be supplied under Residential Service schedules to duplex houses and multi-family dwellings, provided that no more than two family living units may receive service under onemeter and bills for service are paid by one customer. Where mobile homes are served through the customer's residential service meter, each mobile home shall be considered a separate family living nit.
- 6. Tenant houses occupied intermittently, not more than six (6) months each year, may be served T through one meter under a Residential Service schedule.

Seasonal Service

- 1. Seasonal Residential Service is applicable to residential customers where the residence is occupied less than nine (9) months of the year. Seasonal Residential Service may also be applicable in those cased where the residential customer uses less than 5,000 kilowatt-hours per year and requested billing on an annual basis
- 2. Tenant houses occupied intermittently may be provided service under this schedule. When occupied not more than six (6) months per year, service to tenant houses may also be served through one meter under a Residential Service schedule without being treated as a multi-family dwelling for billing purposes.
- 3. United reserves the right to classify any residential service as either Seasonal or Residential Service depending upon the individual circumstances. If a subsequent review indicates that service should have been provided under a different schedule, service will be reclassified.

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Rules, Regulations or Extension Policy

RESIDENTIAL SERVICE - continued

SEASONAL SERVICE - continued

customer for said premises.

OTHER REGULATIONS

Residential Service is also subject to rules and regulations set forth in applicable rate schedules.

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Rules, Regulations or Extension Policy

COMMERCIAL SERVICE

These rule and regulations apply to Commercial Services supplied by United Power to United customers.

DEFINTION

Commercial Service is the furnishing of electric energy for the use of the individual customer for lighting, refrigeration, cooking, water heating, space heating, air conditioning, and small motor and power service in operating of a business, whether or not for profit. Commercial service shall also be applicable to other specified residential services and to all schools, churches, public buildings and other commercial enterprises.

SERVICE CHARACTERISTICS

- 1. Commercial Service will be supplied as 60 cycle, single-phase alternating current electric energy at nominally 120/240 volt, three-wire service or under the applicable rate schedule as three-phase, four-wire, 120/208 volt Wye connected or 277/480 volt Wye connected. Untied reserves the right to specify the phase and voltage at which service will be supplied and to maintained different nominal voltages in areas where the type of distribution makes another voltage advisable. Three-phase Delta connections will not be available to newly connected loads. However, United will continue to provide service to existing Delta connected loads.
- 2. The customer shall be required to balance the load as nearly as practicable between the sides of phases when served under these schedules.

SERVICE APPLICABILTY

1. Motors having a rated capacity in excess of fourteen (14) horsepower or more shall be served three-phase, with exceptions reviewed for approval by the Company, on a case by case basis.

2. The use of single-phase transformer-type welders, single-phase x-ray machines and other apparatus having similar operating characteristics is permitted where adequate distribution and transformer capacities are available. Service to motor generators or synchronous-type welders is governed by the rules pertaining to motors.

3. Service may be supplied through one meter under this schedule to an individual living unit and a commercial establishment when both are on an integral parcel of land owned and controlled by the same customer. Service to the individual living unit may also be metered separately, if requested by the customer, under the applicable residential rate schedule.

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RULES AND REGULATIONS

Rules, Regulations or Extension Policy

COMMERCIAL SERVICE- continued

- 4. Where a part of a residence is devoted to and office, studio or other gainful enterprise and the use of service for said purposed in incidental to the residences use, the entire electric load may be served under the applicable Residential Service schedule.
- 5. The Commercial rate may be applicable when the total residential load is less than 25 kilowatts or if the residential customer used more than 65,000 kilowatt-hours during any twelve-month period. The appropriate residential demand rate is also applicable under these conditions.
- 6. Electric water heating and space heating may be furnished under Commercial rate schedules. In the event time clocks or other controls are installed by the customer, said devices shall not be used in such a way as to cause a significant decrease in the customer's load factor.
- 7. Service to cyclic-type oil well pumps of the sucker-rod variety shall be provided under the applicable Oil Well Pumping Service rate. Bottom hole oil well pumps and certain other type installations where the power requirement is constant rather than cyclic may be served under the Three Phase Commercial Service schedule or, if applicable, the Industrial Service schedule.
- 8. Irrigation pumps will be served under the appropriate irrigation rate or rate 40C.

Power Factor

The customer will maintain a power factor as near as practicable. United reserves the right to require the customer to install suitable capacitor or other equipment to raise the overall power factor at the point of delivery to a satisfactory level. Where such power factor correction equipment is used, the customer will install and maintain a relay switch, or other regulating device, for the purpose of disconnecting or controlling the power factor correction equipment.

United also reserves the right to assess financial penalties, or discontinue service if the customer fails to correct an identified power factor problem.

OTHER REGULATIONS

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Commercial Service is also subject to additional rules and regulation set forth in applicable rate schedules.

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RULES AND REGULATIONS

Rules, Regulations or Extension Policy

IRRIGATION SERVICE

These rule and regulations apply to Irrigation Service supplied by United Power to United Customers.

DEFINTION

Irrigation Pumping Service is the furnishing of electric energy for the use of the customer for agricultural pump irrigation and for the pumping of water for livestock, fire protection and other similar purposes. Service may also be provided hereunder for grain drying and other agricultural purposes when such service can be provided from facilities utilized primarily for pump irrigation.

SERVICE CHARACTERISTICS

- 1. Irrigation Pumping Service shall be supplied as 60 cycle, alternating current electric energy at single-phase, 120/240 volt, three-phase, four-wire 120/208 or 277/480 volt wye connected service. United reserves the right to specify the phase and voltage at which service will be supplied and to maintain and supply different nominal voltages in areas where the circumstances make another voltage advisable. Three-phase Delta connections will not be available to newly connected loads. However, United will continue to provide service to existing Delta connect loads.
- 2. United shall reserve the right to impose restrictions on the instantaneous starting current drawn from the distribution lines by irrigation motors as may be deemed necessary and reasonable.
- 3. When required, underground primary voltage cable to center pivot and similar irrigation systems will be furnished, installed and maintained by United. In such case, the total installed cost thereof shall be included in the cost of facilities provided in accordance with United's line extension policy.

SERVICE APPLICABILTY

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1. United reserves the right to classify service as Irrigation Power Service when the character and nature of that service are such that seasonal use can be reasonably predicted or when the use of electric service has previously been seasonal in nature and for agricultural pump irrigation.

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RULES AND REGULATIONS

Rules, Regulations or Extension Policy

IRRIGATION SERVICE - continued

POWER FACTOR

The customer will maintain a power factor as near unity as practicable. United reserves the right to require the customer to install suitable capacitor or other equipment to raise the overall power factor at the point of delivery to a satisfactory level. Where such power factor correction equipment is used, the customer will install and maintain a relay switch, or other regulating device, for the purpose of disconnecting or controlling the power factor correction equipment.

United also reserves the right to assess financial penalties, or discontinue service if the customer fails to correct an identified power factor problem.

CUSTOMER CHANGES

The Annual Rate and the Annual Minimum for service under this schedule shall be for the twelve-month period beginning with meter readings taken by United at the start of the irrigation season. However, United will prorate said charges during the summer season upon a change in customers at premises already receiving service or when facilities are installed for a new customer subsequent to the beginning of the summer season. In the event United is not advised when a change in customers takes place at premises already receiving service, the new customer shall assume all obligations arising from the contract for service with the original customer for said premises. In the event a customer change is made during the irrigation season, energy charges are cumulative per year.

DETERMINATION OF BILLING HORSEPOWER

Billing horsepower shall be the manufacturer's nameplate rating of horsepower output provided, however, United may elect to determine horsepower by actual measurement.

When service is provided hereunder for grain drying or other agricultural purposes, the customer may reduce the total connected horsepower for billing purposes by installing transfer equipment designed and installed to prevent the inadvertent operation of the irrigation pump and the other facilities at the same time.

TEMPORARY DISCONNECTION AT CUSTOMER REQUEST

Upon request of the customer, United will disconnect the irrigation pumping service one time for maintenance and reconnect said service without charge. No reduction in yearly minimum will be made as a result of such disconnect.

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Rules, Regulations or Extension Policy

IRRIGATION SERVICE - continued

INTERRUPTIBLE SERVICE

Interruptible irrigation service will be supplied to customers who desire such service in accordance with the Rules and Regulations for Irrigation Service and in accordance with the following requirements:

- 1. Interruptible service is subject to interruption at any time without notice.
- 2. Customer will provide separate wiring and accessory equipment to separately meter the interruptible load. The meter location will be determined by United.
- 3. Whenever possible, United will provide a warning signal prior to interruption; however, United shall not be obligated to provide such warning.
- United will provide an interruption signal device and will provide the meter for the separate interruptible circuit.
- The customer will provide any necessary switching equipment to accomplish interruption. Such equipment must be compatible with the United-furnished signal device. The customer with United's approval may utilize equipment control circuitry as a part of the necessary switching equipment. The customer will be responsible for failure of customer equipment to respond to United's signal.
- 6. All circuitry and interruption devices utilized in interruptible service must be installed by the customer to be tamper-proof and sealed in a manner approved by United. No changes in such equipment or circuitry may be made without specific approval by United.
- 7. The customer shall be solely responsible for damages to customer's equipment resulting from the interruption and restoration of service by United as hereinabove provided, including damage to motors, switches, relays and control circuitry.
- 8. United reserves the right to refuse service or refuse to continue service in accordance with the following condition:

Service under the interruptible rate is contingent on the customer's ability to locate interruption DO NOT WRITE receiving devices such that they will function reliably upon IN THIS SPACE receiving United's interruption signal.

OTHER REGULATIONS

Irrigation Service is also subject to rules and regulations set forth in applicable rate schedules.

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RULES AND REGULATIONS

Rules, Regulations or Extension Policy

INDUSTRIAL SERVICE

These rules and regulations apply to Industrial Service supplied by United Power to United customers.

DEFINITION

Industrial Service is the furnishing of electric energy for individual, commercial or industrial use.

SERVICE CHARACTERISTICS

- 1. Industrial Service will normally be supplied at secondary voltage at 60 cycle, three-phase, four-wire 277/480 or 120/208 volt wye connected service. Single-phase service at standard secondary voltage may also be made available for loads not exceeding 100 kilowatts. United reserves the right to specify the voltage and phase at which secondary service will be supplied and to maintain different nominal voltages if deemed necessary.
- 2. Three-phase electric service may also be supplied under Industrial Service at the voltage of United's primary distribution or transmission line of sufficient capacity to adequately supply the load to be served. Final determination of the voltage to be supplied will be made by United, and United will advise the customer of the primary voltages available.
- 3. The customer will connect equipment so that the load in any one leg or phase, if three-phase, will not exceed the load in any other leg or phase by more than 15 percent.
- 4. United reserves the right to impose restrictions limiting the initial instantaneous starting current drawn from United's lines by the customer's motors or other types of electrical apparatus.
- 5. Three-phase delta connections will not be available to newly connected loads. However, United will continue to provide service to existing delta-connected services.

SERVICE APPLICABILITY

Any establishment engaged in the operation of a business, whether or not for profit, shall be considered as a commercial or industrial enterprise. Such enterprises will include but not be limited to clubs, fraternities, sororities, lodges, hotels, apartment and rooming houses, motels, mobile home parks, campgrounds, multi-family

dwellings where more than one living unit is served through one meter, schools, municipal buildings, churches, greenhouses, dairies, manufacturing, agricultural, livestock production, mining, oil and gas extraction, construction, communication, transportation, etc. Any portion of service to residential type dwellings that does not qualify for Residential Service under a Residential Service schedule shall be separately metered and served under Commercial or Industrial Service rates.

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RULES AND REGULATIONS

Rules, Regulations or Extension Policy

INDUSTRIAL SERVICE - continued

POWER FACTOR

The customer will maintain a power factor as near unity as practicable. United reserves the right to require the customer to install suitable capacitor or other equipment to raise the overall power factor at the point of delivery to a satisfactory level. Where such power factor correction equipment is used, the customer will install and maintain a relay switch, or other regulating device, for the purpose of disconnecting or controlling the power factor correction equipment.

United also reserves the right to assess financial penalties, or discontinue service if the customer fails to correct an identified power factor problem.

DETERMINATION OF BILLING DEMAND

Billing demands will be determined as set forth in the rate schedule, subject to the following additional provisions:

- If the load is of intermittent or fluctuating character or requires frequent starting with high starting current, the Association may take as the billing demand the maximum kilowatt demand established by the consumer during any five- or ten-minute period of time in the billing period or it may add to the fifteen minute measured demand 50 percent of the maximum requirements of the intermittent or fluctuating load.
- 2. If three-phase service is provided and customer's equipment is so connected that at the point of delivery the load on any one phase exceeds the load on any other phase by more than 15 percent, the Association may take as the billing demand the three-phase equivalent of the maximum kilovoltamperes in any phase adjusted to a 95 percent power factor.
- 3. The rated capacity in KVA of equipment having fluctuating and/or intermittent load characteristics such as transformer-type welders, X-ray machines and other equipment of similar characteristics will be the full-load primary input to the equipment as determined by United by one of the following methods:
 - a) The name-plate data of the equipment if such data reveal the full-load primary input,
 - b) By measurement with suitable instruments of the primary input under full-load conditions, or
 - c) By the KVA of transformer capacity necessary to properly supply the equipment.

TRANSFORMERS AND PROTECTIVE EQUIPMENT

1. Secondary Voltage Service

Necessary step-down transformers and protective equipment will be installed, owned and maintained by United unless otherwise specified in the applicable rate schedule or special contract. United will not be required to install excess transformer capacity for customer's normal requirements as stated in the application for service.

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RULES AND REGULATIONS

Rules, Regulations or Extension Policy

INDUSTRIAL SERVICE - continued

TRANSFORMERS AND PROTECTIVE EQUIPMENT - continued

If a customer's power factor requirements previous to the end of six (6) months after the original installation, or after any changed installation of transformers, prove to be less than set forth in the application for service, United may make such reduction in installed transformer capacity as it deems advisable, and customer will pay to United the cost of making such change.

2. Primary Voltage Services

- a) In those cases where service is furnished hereunder at United's established primary voltage, the delivery point shall be the point of attachment of United's primary line to the customer's facilities. All electric facilities and other equipment (except metering equipment) on the load side of the delivery point shall be owned and maintained by the customer, provided however, that United will continue to maintain facilities it furnished on the customer's side of the delivery point under contracts entered into prior to the effective date thereof.
- b) In unusual cases, at the customer's request, United may rent transformers to customer if United has them available. However, United reserves the right to refuse to rent transformers to any customer. If transformers and/or other allied equipment are rented to a customer, the following provisions will apply:
 - (1) The customer will pay United in equal monthly installments an annual transformer rental of 25.9 percent of United's estimated cost of all equipment rented to customer.
 - (2) The customer will be charged the cost of hauling and installing transformers where a new installation is required, whether such new installation replaces a transformer installation previously installed for secondary service and changed because of customer's load or whether it is required because no previous service has been used. If transformers are rented for a period of less than six (6) months, the customer will be charged cost of removal.

TIME-OF-DAY SERVICE

Time-of-Day service will be supplied in accordance with the rules and regulations for the applicable secondary, primary or transmission voltage level.

Customers who elect Time-of-Day service will be served under the elected rate for the minimum service period specified in the applicable rate schedule, or as specified by special contract.



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RULES AND REGULATIONS

Rules, Regulations or Extension Policy

INDUSTRIAL SERVICE - continued

INTERRUPTIBLE SERVICE

Interruptible irrigation service will be supplied to customers who desire such service in accordance with the Rules and Regulations for Irrigation Service and in accordance with the following requirements:

- 1. Interruptible service is subject to interruption at any time without notice.
- Customer will provide separate wiring and meter installation equipment to separately meter the interruptible load. The meter location will be determined by United.
- 3. Whenever possible, United will provide a warning signal prior to interruption; however, United shall not be obligated to provide such warning.
- United will provide an interruption signal device and will provide the meter for the separate interruptible circuit.
- 5. The customer will provide any necessary switching equipment to accomplish interruption. Such equipment must be compatible with the United-furnished signal device. The customer with United's approval may utilize equipment control circuitry as a part of the necessary switching equipment.
- 6. All circuitry and interruption devices utilized in interruptible service must be installed by the customer to be tamper-proof and sealed in a manner approved by United. No changes in such equipment or circuitry may be made without specific approval by United.
- The customer shall be solely responsible for damages to customer's equipment resulting from the interruption and restoration of service by United as hereinabove provided, including damage to motors, switches, relays and control circuitry.
- United reserves the right to refuse service or refuse to continue service in accordance with the following condition:

Service under the interruptible rate is contingent on the customer's ability to locate interruption receiving devices such that they will function reliably upon receiving United's interruption signal.

CONTRACT RATES

United recognizes the necessity of building loads within its service territory. Special contract rate schedules and conditions of service may be considered for loads which would benefit both United and its customers.

OTHER REGULATIONS

Industrial Service is also subject to rules and regulations set forth in applicable rate schedules.

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RULES AND	REGUL	LATION	S
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Rules, Regulations or Extension Policy

STANDARD LIGHTING SERVICE

These rules and regulations apply to Standard Lighting Service supplied by United Power to United customers.

DEFINITION

Standard Lighting Service is the furnishing of electric energy and lighting equipment to be used by the customer for the purpose of lighting property, streets, avenues, boulevards, parks, alleys, and public places.

SERVICE CHARACTERISTICS

- 1. Standard Lighting Service will be supplied as 60 cycle, single-phase, alternating current at nominally 120 volt, two-wire service. United reserves the right to maintain different nominal voltages in areas where the type of distribution makes another voltage advisable.
- 2. Service under this schedule is available only from United's established secondary voltage distribution system. United shall not be required to install or furnish transformers to provide service hereunder.
- 3. No additional mercury vapor units will be installed.

SERVICE APPLICABILITY

Standard Lighting Service is available for private, public or municipal use. United owned lighting units provided under this schedule shall consist of standard lamp wattage and the standard hardware for installation.

- 1. Standard lighting service will be installed and supplied by United with respect to established and developing areas.
- 2. Standard lighting for a builder or developer for purposes of lighting streets adjacent to show houses will be provided upon receipt by United of a valid request for service. Such builder or developer shall be responsible for payment of bills until such time as the builder arranges for payment by a municipality or homeowners association.
- 3. Standard lighting service is applicable to locations where the street lighting facilities are installed on traffic signal facilities.

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Rules, Regulations or Extension Policy

STANDARD LIGHTING SERVICE - continued

STANDARD LIGHTING MAINTENANCE

- United will operate and maintain in good operating condition all standard lighting equipment used to
 provide service hereunder. United will be responsible for ordinary replacement of lamps, glassware,
 and control equipment. However, United shall be reimbursed by the customer for any expense of
 repairing or replacing standard lighting installations damaged by accident or by the malicious mischief
 of individuals.
- 2. United agrees to supply standard lighting service continuously and without interruption insofar as reasonable diligence will permit, provided however, that the responsibility for reporting to United the interruption of service shall rest with the customer. United shall be allowed a reasonable period of time after notification of such interruption by the customer in which to restore said service. In no event will United be required to restore said service during other than normal work hours unless reimbursed for such service by the customer.

AREA LIGHTING BURN HOURS

The term "burning dusk to dawn" as used in this rate schedule shall be construed to mean that all lamps shall be lighted by automatic control equipment from approximately thirty (30) minutes after sunset to approximately thirty (30) minutes before sunrise, with a total burning time of approximately 4,502 hours per year.

OTHER REGULATIONS

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Standard Lighting Service is also subject to rules and regulations set forth in applicable rate schedules, Service Connection Policy and Line Extension Policy.

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CUSTOMER OWNED LIGHTING SERVICE

Rules, Regulations or Extension Policy

CUSTOMER-OWNED LIGHTING SYSTEMS

Lighting Service will be furnished by United for customer-owned lighting systems under the following terms and conditions:

- 1. Special Highway lighting service is applicable to the Public Highway Authority and Colorado Department of Transportation (CDOT) for locations where Special Highway Lighting facilities are to be metered by United. Special Highway lighting customers shall be responsible for all maintenance of the highway lighting facilities downstream from the point of delivery, which shall be either at the secondary side of a transformer, if there is no existing meter, or at the meter.
- 2. Electric energy will be supplied to the customer at voltages at a point of delivery mutually agreed upon by the customer and United. United will not be required to furnish transformer capacity in excess of that necessary to serve the connected load.
- 3. United reserves the right to meter energy used by the customer under this schedule. In the absence of such a meter, energy consumption will be calculated as set forth in the Electric Rates for Standard Lighting Service based upon lamp wattage.
- 4. Customer owned area lighting facilities shall be maintained by the customer at the customer's expense. United may choose to provide maintenance for Customer Owned Lighting, provided the customer shall reimburse United for all costs incurred thereof.
- 5. No additional mercury vapor lighting units will be installed.

OTHER REGULATIONS

Customer Owned Lighting Service is also subject to rules and regulations set forth in applicable rate schedules, Service Connection Policy, and Line Extension Policy.

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Advice Letter No. 176 Signature of Issuing Officer

Decision or Authority No. President Effective Date May 1, 2008

UNITED POWER, INC.			Colo. PUC No	3
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INTERCONNECTION FOR DISTRIBUTIVE GENERATION

Rules, Regulations or Extension Policy

Availability

Available within all Territory served by United Power.

Applicability

For service to customer-generators where a part or all of the electrical requirements of the customer-generator can be supplied from a solar, wind, hydro, biomass, diesel, natural gas or fuel oil generating facility, utilizing an approved inverter for connection to the distribution system, with a generating capacity of not more than 25 kilowatts. The generating facility must be located on premises that are owned or controlled by the customer-generator. The system must be intended to offset part or all of the customer-generator's electrical requirements for electrical energy at the same location, and may not be used to offset electric consumption at another location. The intent of this schedule is to allow members to offset electric usage with customer-generation. The cooperative, at its sole discretion, reserves the right to refuse service under this schedule to customer-generators that may have limited load, are in the sole opinion of the cooperative primarily generators or without any cause.

Definitions

Customer-Generator

A United Power customer who is also the owner or operator of a Net Metering system as defined in the Net Metering Schedule on file and in effect and is subject to periodic revision.

Net Metering

Measuring of the difference between the electricity supplied to a Customer-Generator by or through United Power's system and the electricity generated by the Customer-Generator and delivered to United at the same point of interconnection.

Interconnection Facilities

The facilities of both the Cooperative and the Interconnection Customer presently proposed to be installed, or facilities which are later installed, in order to interconnect the Customer-Generation Facility to the Cooperative Distribution System, including System Protection Facilities. Interconnection Facilities are sole use facilities dedicated to the interconnection of the Generation Facility.

Interconnection Requirements

The Customer-Generator interconnection requirements shall comply with the most current United Power's Interconnection Procedures for Generation Facilities as applicable. These Procedures are subject to periodic revision.

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INTERCONNECTION FOR DISTRIBUTIVE GENERATION

Rules, Regulations or Extension Policy

Service Conditions

Available to customer-generators described above who receive service from the cooperative under the Residential Service rate or Commercial rate schedules. In addition, customer-generators shall be limited on any radial distribution circuit to no more than 15% of the line section's annual peak load as most recently measured at the substation or calculated for the line segment. Other limits on the number of customer-generators on a radial distribution circuit may be applied based on the aggregate contribution of the customer-generators to fault current on the circuit. A line section is that portion of utilities electric system connected to a customer bounded by automatic sectionalizing devices or the end of the distribution line.

The inverter utilized by the customer-generator shall be rated by the manufacturer for grid connected applications. In addition it shall be compliant with the current version of IEEE standard 1547, IEEE standard 929 and UL standard 1741. The installation shall also comply with applicable portions of the National Electric Code (NEC) section 690 as well as any other NEC sections as may be applicable.

If the proposed customer-generator equipment is single-phase and is to be interconnected to a center tap neutral of a 240 volt service, its addition shall not create an imbalance between the two sides of the 240 volt service of more than 20 percent of the nameplate rating of the service transformer.

The customer-generator shall sign and deliver to the cooperative an Agreement for Interconnection as supplied by the cooperative, which may be modified or amended from time to time, and may be asked to provide any additional information reasonably requested by the cooperative as it may from time to time deem appropriate under this Schedule.

The customer-generator shall at the customer-generator's expense, provide all applicable safety equipment, including lockable switching equipment capable of isolating the generating facility from the cooperative's system. Should the customer-generator's lockable switching equipment not be accessible to the cooperative at all times, the customer-generator agrees that the cooperative may, at its discretion, remove the customer-generator's meter to isolate the customer-generator from the electric system.

The customer-generator agrees to allow the cooperative to test the generation system by de-energizing the service to the customer-generator to verify the proper operation of the inverter before continuous operation is allowed, and periodically thereafter at the cooperative's discretion.

The customer-generator's power generating installation shall be designed, installed and maintained to be self-protected from normal and abnormal conditions on the cooperative's electric distribution system. The conditions for which the power generating installation shall be self-protected shall include, but not be limited to, over voltage, under voltage, over current, frequency deviations, and faults.

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INTERCONNECTION FOR DISTRIBUTIVE GENERATION Rules, Regulations or Extension Policy

Cancels

The customer-generator assumes full responsibility for electric energy furnished to him/her at and past the point of interconnection. Customer-generator, at its own expense, shall secure and maintain in effect liability insurance with a combined single limit for bodily injury and property damage of not less than \$300,000 for each occurrence. This amount may be adjusted at the cooperative's discretion when liability issues and conditions warrant the change.

The cooperative shall not be liable for either direct or consequential damages resulting from failures, interruptions, or voltage and waveform fluctuations occasioned by causes reasonably beyond the control of the cooperative or by causes resulting from acts allowed by the cooperative as set forth herein, or for damages resulting from, including, but not limited to, acts of God or public enemy, sabotage and/or vandalism, accidents, fire, explosion, labor troubles, strikes, order of any court or judge granted in any bona fide adverse legal proceeding or action, or any commission, tribunal or governmental authority having jurisdiction.

The customer-generator agrees to indemnify, hold harmless, and defend the cooperative for and from any and all losses, damages, claims, liabilities, lawsuits and other proceedings, judgments, and awards, costs, expenses and penalties (including but not limited to reasonable attorney fees) arising directly or indirectly, in whole or in part, from activities of the customer-generator under this Schedule.

Rate

A customer receiving service under this Schedule is subject to the identical rate structure and rate components that would be assigned if the customer were not an eligible customer-generator. An eligible customer-generator served under this schedule is responsible for all charges from its otherwise applicable rate schedule, including but not limited to, monthly minimum charges, customer charges, meter charges, basic charges, demand charges and surcharges.

Special Conditions

Metering will be in compliance with both Net Metering Schedule and the United Power's Interconnection Procedures for Generation Facilities and is subject to periodic revision. The most current terms of the Net Metering Schedule and United Power's Interconnection Procedures will be the one applicable.

Acceptance

United Power reserves the right to accept or reject any generation proposal/projects for any reason, including but not necessarily limited to, projects with generators that have ratings between 25 kW to 2 MW and greater than 2 MW. Technical requirements are listed in United Power's Interconnection Procedures for Generation Facilities.

Rules and Regulations

Electric service supplied under this schedule shall be subject to the terms and conditions set forth in the most current terms of United's Line Extension Policies and other Rules and Regulations on file with the Public Utilities Commission of the State of Colorado.

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