

GRAHAM COUNTY ELECTRIC COOPERATIVE, INCORPORATED
Pima, Arizona
SCHEDULE DGS
DISTRIBUTED GENERATION SERVICE

Effective Date: This Tariff is effective May 1, 2018 pursuant to Arizona Corporation Commission (ACC") Decision No. 76693.

Availability

Distributed Generation service is available to retail customers of the Cooperative with metered kWh usage with a qualifying Distributed Generation Facility (as defined herein) installed or with an accepted interconnection application submitted after May 1, 2018, where facilities of adequate capacity and the required phase and suitable voltage are adjacent to the site served. Service is subject to the rules and regulations of the Cooperative. This service is also referred to as Partial Requirements Service. Interconnection applications shall automatically expire six (6) months following approval by the Cooperative, if the customer has not constructed the Distributed Generation Facility and requested a final interconnection inspection by the Cooperative.

Application

Under Distributed Generation Service the electric energy generated by or on behalf of the member from a qualifying Distributed Generation Facility and delivered to the Cooperative's distribution facilities may be used to offset electric energy provided by the Cooperative during the applicable billing period as specified in this Tariff. Service under this Tariff is subject to: installation of a bidirectional meter; availability of enhanced metering and billing system upgrades; the rated capacity of the customer's Distributed Generation Facility not exceeding the Cooperative's service capacity; and the customer complying with all of the Cooperative's interconnection standards. The customer shall also be required to sign and complete a Distributed Generation Service Application prior to being provided Distributed Generation Service. A customer that installs a Distributed Generation Facility is not required to take service under this Tariff, but still must comply with the Cooperative's interconnection standards.

Type of Service

Electric Sales to the Cooperative must be single phase or three phase, 60 Hertz, at one standard voltage as may be selected by customer (subject to availability at the premises).

Definitions

Definitions below and contained in A.A.C. R14-2-2302 (some of which are set forth below) apply to Distributed Generation offered under this Tariff.

1. **Annual Export Rate ("AER")** means the rate established by the Arizona Corporation Commission ("ACC"), including adjustments made pursuant to the Distributed Generation Annual Export Rate Plan of Administration approved by the Commission. Unless altered by Commission Decision, for the period beginning May 1, 2018, the AER shall be:

May 1, 2018 – April 30, 2019: \$0.073759

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May 1, 2019 - April 30, 2020: \$0.066383
May 1, 2020 - April 30, 2021: \$0.059745
May 1, 2021 - April 30, 2022: \$0.053770
May 1, 2022 - April 30, 2023: \$0.048393
May 1, 2023 – until changed by Commission Decision: \$0.043554

The current AER, once approved by the ACC, will be available at GCEC's office and posted on its website. The current AER will continue in effect until the next AER is effective, which shall be May 1st, unless suspended or otherwise ordered by the Commission, prior thereto. Any payment for Firm Power will be pursuant to a separate contract.

2. **Calendar Year** means January 1 through December 31, for the purpose of determining the billing credit for the balance of any credit due in excess of amounts owed by the customer to the Cooperative.
3. **Combined Heat and Power (CHP)** 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.
4. **Customer Supply** means energy (kWh) from a customer-owned Distributed Generation Facility that exceeds the customer's load at a point in time and is fed back into the Cooperative's electric system, as metered by the Cooperative.
5. **Customer Purchase** means energy (kWh) that is provided from the Cooperative to the customer to serve the load that is not being served by a customer-owned Distributed Generation Facility, as metered by the Cooperative.
6. **Excess Credits** means any amount the Cooperative credits for Excess Generation that exceeds the amount owing the Cooperative during the applicable billing period.
7. **Excess Generation** means the Customer Supply (kWh) received by the Cooperative during the applicable billing period.
8. **Firm Power** means power available, upon demand, at all times (except for forced outages) during the Contract Period from the customer's facilities with an expected or demonstrated reliability which is greater than or equal to the average reliability of the Cooperative's firm power sources.
9. **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 from Renewable Resources.

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10. **Distributed Generation Facility** means a facility for the production of electricity that:
- a. Is operated by or on behalf of the customer and is located on the customer's premises;
 - b. Is intended to provide part or all of the customer's requirements for electricity;
 - c. Uses Renewable Resources, a Fuel Cell or CHP to generate electricity;
 - d. Has a generating capacity less than or equal to 125% of the customer's total connected load, or in the absence of customer load data, capacity less than or equal to the customer's electric service drop capacity; and
 - e. Is interconnected with and can operate in parallel with the Cooperative's existing distribution system.

The customer's 125% total connected load limit shall be determined:

- a. In the absence of demand data (for residential and small business) the highest 12 months (Calendar Year) kWh consumption in the previous three years will be divided by 2190 (to determine the 100% capacity level in kW which will achieve a "net zero" home or business) and multiplied by 125%.
 - b. For customers with a demand history it will be 125% of the highest demand in the most current 12-month period.
11. **Partial Requirements Service** means electric service provided to a customer that has an interconnected Distributed Generation Facility whereby the output from its electric generator(s) first supplies its own electric requirements and any excess energy (over and above its own requirements at any point in time) is then provided to the Cooperative. The Cooperative supplies the customer's supplemental electrical requirements (those not met by their own generation facilities). This configuration may also be referred to as the "parallel mode" of operation.
12. **Renewable Resource** means natural resources that can be replenished by natural processes, including biomass, biogas, geothermal, hydroelectric, solar or wind as defined in A.A.C. R14-2-2302.
13. **Standard Retail Rate Schedule** means any of the Cooperative's retail rate schedules with metered kWh charges.
14. **Time Periods** Mountain Standard Time shall be used in the application of this rate schedule. Because of potential differences of the timing devices, there may be some variation in the timing for the pricing periods. In most instances the variation should not exceed 15 minutes. On-peak and off-peak time periods will be determined by the applicable Standard Retail Rate Schedule.

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Metering

Customers served under this Tariff will require a bidirectional meter that will register and accumulate the net electrical requirements of the customer and shall have other capabilities similar to meter that is being replaced or that would be installed for the service (e.g., smart metering capabilities). The Cooperative will install such a meter at the customer's Distributed Generation Facility if proper metering is not already present. The incremental metering costs for bidirectional metering and the facility meter will be incurred by the Cooperative.

Monthly Billing

- A. All kWh delivered by the Cooperative to the Customer during will be billed at the Cooperative's applicable Standard Rate Schedule for the service provided to the Customer.
- B. All kWh received from Customer by the Cooperative (Excess Generation) will be credited on the monthly customer bill by the Cooperative at the ACC approved AER or, if less than the AER, the energy charge paid by Customer to the Cooperative, adjusted by the applicable Purchased Power and Fuel Cost Adjustor. The credit shall be applied against the Cooperative monthly charges. No Excess Generation shall be "banked," "saved" or "rolled forward" for use in a future month. In the event the credit exceeds the amount due the Cooperative (Excess Credits), the credit shall be rolled forward and applied against subsequent Cooperative bills until used. After the customer's December bill, a customer may request compensation for any outstanding credits from the prior year; if the outstanding credits exceed \$100, a check will automatically be issued, otherwise the bill credits will carry forward to the following year.
- C. Basic Service Charges and Demand charges (either metered or contract) and all other elements of the Cooperative's applicable Standard Retail Rate Schedule will continue to apply in full.
- D. For the last billing period at the time the customer discontinues taking service under this rate schedule, any credits shall first be applied against amounts owed to the Cooperative and then the Cooperative shall issue a check for the remaining value of any unused credit.
- E. An Administrative Charge may be charged by the Cooperative to collect new or additional costs the Cooperative incurs associated with the provision of Distributed Generation service (such as additional data communication access and billing costs) upon filing with and approval of such charge by the Arizona Corporation Commission pursuant to A.A.C. R14-2-2305.

Contract Period

Any applicable contract period(s) will be set forth in an Agreement between the customer and the Cooperative.

GRAHAM COUNTY ELECTRIC COOPERATIVE, INC.

RATE SCHEDULE B

GENERAL SERVICE & SMALL COMMERCIAL

Effective Date:

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AVAILABILITY

Available to all general service and small commercial consumers adjacent to the Cooperative's facilities throughout its service area, who require less than 350 KVA of transformer capacity. Subject to adequate capacity and the rules and regulations of the Cooperative.

APPLICABILITY

This schedule is applicable for commercial use which includes service used by retail or wholesale business, small manufacturing or processing establishments, tourist or trailer camps, motels, stores, restaurants, service stations, professional offices, public buildings, churches, seasonal farm uses such as feed grinders, etc., commercial water service, commercial lighting, water pumps such as individually metered stock wells, sewage pump stations, apartments where more than one unit is served from an individual meter, and any other commercial or business use. This rate schedule shall also apply to all residential service requiring three-phase service.

Except in cases of existing master metered mobile home parks, service under this schedule shall not be resold or shared with others.

TYPE OF SERVICE

Single-phase and three-phase where available, at available secondary voltages. Single-phase motors shall not exceed 7 1/2 H.P.

RATE SCHEDULE - STANDARD OFFER

| | | |
|---|-------------------------|------------------|
| Service Availability Charge | \$14.21 | per month |
| Metering | \$1.22 | per month |
| Meter Reading | \$.68 | per month |
| Billing | \$1.85 | per month |
| Info & Service | \$.79 | per month |
| Bundled Monthly Minimum | <u>\$18.75</u> | per month |
| Distribution Delivery Charge | \$.03483 | per kWh |
| Transmission Delivery Charge | \$.00031 | per kWh |
| Energy Charge | \$.03577 | per kWh |
| Demand Charge | \$.02879 | per kWh |
| Transmission Charge | \$.01130 | per kWh |
| Bundled Commodity Charge per kWh | <u>\$0.11100</u> | per kWh |

PURCHASED POWER ADJUSTOR RATE

The Cooperative may increase or decrease customer's bills due to variances in the cost of purchased power from the base cost of power included in its rate schedule. The Cooperative must notify the Arizona Corporation Commission (ACC) of all such increases or decreases. The base cost of power in the current rates is \$.076509 per kWh as authorized by the ACC in Decision No. 76693 dated May 22, 2018.

RATES SCHEDULE - UNBUNDLED RATE

| | | |
|----------------------------------|-------------------------|------------------|
| Service Availability Charge | \$14.21 | per month |
| Metering | \$1.22 | per month |
| Meter Reading | \$.68 | per month |
| Billing | \$1.85 | per month |
| Info & Service | \$.79 | per month |
| Unbundled Monthly Minimum | <u>\$18.75</u> | per month |
| Distribution Delivery Charge | \$.03483 | per kWh |
| Transmission Delivery Charge | \$.00031 | per kWh |
| Unbundled Delivery Charge | <u>\$0.03514</u> | per kWh |

The cost of energy is not included in the unbundled rates.

METER READINGS

All meter readings and billings shall be based on actual meter readings. Meter readings and billings will be made as closely as practical on the same day of each month on a cycle basis.

TERMS OF PAYMENT

All bills for electric service are due and payable no later than fifteen (15) days from the billing date and become delinquent twenty-five (25) days from the billing date and could incur a late payment charge. Delinquent bills are subject to disconnect upon five (5) days written notice.

For purposes of this rule, the date a bill is rendered may be evidenced by:

- a. The postmark date.
- b. The mailing date.
- c. The billing date shown on the bill (however, the billing date shall not differ from the postmark or mailing date by more than two (2) days).
- d. The transmission date for electronic bills.

All payments shall be made at or mailed to the office of the utility or to the utility's authorized payment agency. The date on which the utility actually receives the customer's remittance is considered the payment date.

POWER FACTOR

The consumer agrees to maintain a power factor of not less than 95%, leading or lagging. The Cooperative reserves the right to measure such power factor at any time. Should such measurements indicate that the power factor of the consumer is less than 95%, the consumer agrees, upon sixty (60) days written notice, to correct such power factor to 95% or, if the Cooperative shall, so elect, the demand meter multiplied by 95% and divided by the percent power factor.