GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION

DSM

Direct Load Control Program – Residential

Purpose

The Direct Load Control Program will encourage the reduction in growth of peak demand, enabling Grayson RECC to utilize its system more efficiently, manage market purchases, and defer the construction of new generation.

Availability

The Direct Load Control Program is available to residential members in the service territories of Grayson RECC and will include the control of existing water heaters, existing and new air conditioners and heat pumps.

Availability may be denied where, in the judgment of Grayson RECC, installation of the load control equipment is impractical.

Eligibility

To qualify for this program, the *new* participant must be located in the service territory of Grayson RECC and have:

Central air conditioning or heat pump units with single stage compressors.

The above appliances may be electrically cycled or interrupted in accordance with the rules of this Tariff.

The participant may either own or rent the residence where the qualifying appliances are located. The residence may be either a single-family structure or a multi-family apartment facility.

The participant is responsible for obtaining the permission of the owner of the rented residence to participate in the load control program. Grayson RECC may require that a rental property agreement be executed between Grayson RECC and the owner of the rented residence.

CANCELLED

March 2, 2019

KENTUCKY PUBLIC SERVICE COMMISSION

KENTUCKY PUBLIC SERVICE COMMISSION DATE OF ISSUE: January 30, 2019 **Gwen R. Pinson** DATE EFFECTIVE: Service rendered on and after March 2, 2019 **Executive Director** ISSUED BY: wen R. Punson TITLE: President & CEO **EFFECTIVE** BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION 3/2/2019 IN CASE NO.: 2019-00060 ____DATED: February 27, 2019 PURSUANT TO 807 KAR 5:011 SECTION 9 (1) Subject to change prospectively

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March 2, 2019

GRAYSON RURAL E ECTRIC COOPERATIVE CORPORATION

For All Counties Served P.S.C. No. 5 1st Revised Sheet No. 2 Cancelling P.S.C. No. 5 Original Sheet No. 2

KENTUCKY PUBLIC
SERVICE COMMISSION DSM

SM - Direct Load Control Program - Residential (continued)

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Program Incentives

Grayson RECC will provide an incentive to the participants in this program for the following appliances:

<u>Water Heaters:</u> Grayson RECC will provide the existing participating residential member \$10.00 per water heater annually or provide the incentive via other payment means including, but not limited to, a check. The existing participant will receive this credit regardless of whether the water heater is actually controlled.

<u>Air Conditioners and Heat Pumps:</u> Grayson RECC will provide an incentive to the participants in this program. The participant may select one of three alternatives. The participant will receive one of these incentives regardless of whether the air conditioner or heat pump is actually controlled during any program month.

<u>Alternative One:</u> For each direct load control switch Grayson RECC will provide the participating residential member \$20.00 bill credit annually or provide the incentive via other payment means including, but not limited to, a check per air conditioner or heat pump.

Alternative Two: When technically feasible, Grayson RECCmay provide and install at no cost one or more Wi-Fi enabled thermostats as needed for control purposes or Grayson RECC may provide a Wi-Fi enabled thermostat and a rebate up to \$100 to offset the member's cost to have the thermostat installed by the member's own heating and air-conditioning contractor. The member must sign-up each Grayson RECC provided thermostat within 60 days or return it to Grayson RECC or be invoiced by Grayson RECC for the cost of the thermostat. Wi-Fi enabled means any thermostat utilizing the Wi-Fi communication protocol or similar local networking communication protocols. The member must have a fixed location, reliable internet for communication. Grayson RECC will reimburse the participating member \$20 per qualifying Wi-Fi enabled thermostat annually.

Alternative Three: Grayson RECC will provide the participating residential member \$20.00 bill credit per qualifying Wi-Fi enable thermostat provided by the retail member that controls an air conditioner or heat pump annually or provide the incentive via other payment means including, but not limited to, a check. Grayson RECC will provide a rebate up to \$100 to offset the member's cost to have the thermostat installed by the member's own heating and air-conditioning contractor. The member must have a fixed location, reliable internet for communication.

When the qualifying appliances are located in rental residences, program incentives will be paid to the participant, regardless of whether the participant owns or rents the residence where the qualifying appliances are located. Nothing contained in this Tariff will prohibit a further disposition of the program incentive between the participant and the owner of a rented residence.

			KENTUCKY PUBLIC SERVICE COMMISSION
			Gwen R. Pinson
DATE OF ISSUE: DATE EFFECTIVE:	January 30, 20 Service rendere	ed on and after March 2, 2019	Executive Director - Suven R. P. Wasan
ISSUED BY: TITLE:	President & CE	Hill Dank	EFFECTIVE
BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION IN CASE NO.: 2019-00060 DATED: February 2		BLIC SERVICE COMM \S SION DATED: <u>February 27, 2019</u>	3/2/2019 PURSUANT TO 807 KAR 5:011 SECTION 9 (1)
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For All Counties Served P.S.C. No. 5 1st Revised Sheet No. 3 Cancelling P.S.C. No. 5 Original Sheet No. 3

GRAYSON RURAL ELECTRIC COOPERATIVE CORPORATION

DSM - Direct Load Control Program - Residential (continued)

Program Special Incentives

Grayson RECC will provide a special incentive up to \$25.00 for new participants that install a load control switch on qualifying air conditioners and heat pumps, utility supplied Wi-Fi enabled thermostat or retail member supplied Wi-Fi enabled thermostat. This one-time incentive will be in the form of a bill credit on the electric bill following the switch installation or provided via other payment means including, but not limited to, a check.

Time Periods for Direct Load Control Program

Water Heaters: Existing load control switches may be electrically interrupted for a maximum time period of six (6) hours per event during the May through September months indicated below and for a maximum time period of four (4) hours per event during the October through April months indicated below.

EKPC will cycle the water heaters only during the hours listed below.

Months October through April

May through September

Hours Applicable for Demand Billing - EPT

6:00 a.m. to 12:00 noon 4:00 p.m. to 10:00 p.m. 10:00 a.m. to 10:00 p.m.

Air Conditioners and Heat Pumps: A load control device (switch or Wi-Fi enabled thermostat) will be placed on each central air conditioning unit or heat pump that will allow the operating characteristics of the unit to be modified to reduce demand on the system. Communication to the load control device will be accomplished via AMR, AMI, Wi-Fi or similar communication technologies.

EKPC will control the air conditioning units and heat pumps only during its summer on-peak billing hours listed below and up to (4) four hours per event. March 2, 2019

Months May through September Hours Applicable for Demand Billing - EPT

10:00 a.m. to 10:00 p.m.

KENTUCKY PUBLIC SERVICE COMMISSION

Terms and Conditions

- Prior to the installation of load control devices, Grayson RECC may inspect the participant's electrical equipment to ensure good repair and working condition, but Grayson RECC shall not be responsible for the repair or maintenance of the electrical equipment.
- 2. EKPC, on behalf of Grayson RECC, will install, in some cases, own, and maintain the load management devices controlling the participant's air conditioner or heat pump, for Alternatives One and Two as noted in this tariff. The participant must allow Grayson RECC, or their representative, reasonable access to install, maintain, inspect, test and remove load control devices. Inability of Grayson RECC to gain access to the load management device to perform any of the above activities for a period exceeding thirty (30) days may, at Grayson RECC's option, result in discontinuance of credits under this tariff until

such time as Grayson RECCis able to gain the required access **KENTUCKY** PUBLIC SERVICE COMMISSION Gwen R. Pinson

DATE OF ISSUE:

January 30, 2019

Executive Director

DATE EFFECTIVE: ISSUED BY:

Service rendered on and after March 2/2019 While Alle XIA

Twen R. Punso

TITLE:

President & CEO

IN CASE NO.: 2019-00060

BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION

DATED: February 27, 2019

PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

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- 3. Participants may join the program at any time during the year. Participants with air conditioning or heat pump units who join during the months of June through September can select an incentive alternative as described in this Tariff. If the incentive is selected, incentives will be provided annually.
- 4. If a participant decides to withdraw from the program or change incentive alternatives, Grayson RECC will endeavor to implement the change as soon as possible.
- 5. If a participant decides to withdraw from the program, the participant may not apply to rejoin the program for a period of six (6) months. Returning participants for air conditioning and heat pump units will be required to initially select the bill credit alternative, but may change alternatives later as described in this Tariff.

CANCELLED

March 2, 2019

KENTUCKY PUBLIC SERVICE COMMISSION

DATE OF ISSUE: January 30, 2019 Gwen R. Pinson DATE EFFECTIVE: Service rendered on and after March 2, 2018 **Executive Director** ISSUED BY: Twen R. Punson TITLE: President & CEO **EFFECTIVE** BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION 3/2/2019 IN CASE NO.: 2019-00060 DATED: February 27, 2019 PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

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