### **Owen Electric Cooperative, Inc.**

(Name of Utility)

## <u>DSM</u>

### Direct Load Control Program – Residential

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Entire Territory Served Community, Town or City

SHEET NO.

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CANCELLING P.S.C. KY NO.

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### Purpose

The Direct Load Control Program will encourage the reduction in growth of peak demand, enabling Owen (T) Electric Cooperative to utilize its system more efficiently, manage market purchases, and defer the construction of new generation.

FOR \_

P.S.C. KY. NO.

5th Revised

4th Revised

### **Availability**

The Direct Load Control Program is available to residential members in the service territory of Owen Electric (T) Cooperative and will include the control of existing water heaters, existing and new air conditioners and heat (T) pumps.

Availability may be denied where; in the judgment of Owen Electric Cooperative, 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 Owen Electric (T) Cooperative, 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. Owen Electric Cooperative may require that a rental property agreement be executed between Owen Electric Cooperative, and the owner of the rented residence.

DATE OF ISSUE	January 30, 2019 Month / Date / Year	KENTUCKY PUBLIC SERVICE COMMISSION
DATE EFFECTIVE _	Service rendered on and after March 2, 2019 Month / Date / Year (Signature of Officer)	Gwen R. Pinson Executive Director Suven R. Punson
TITLE	President/CEO	EFFECTIVE <b>3/2/2019</b>
IN CASE NO20		PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

	CANCELLED	FOR <u>Entire Territory Served</u> Community, Town or City		
Owen Electric Cooperative, Inc.	MAR 0 2 2019	P.S.C. KY. NO. 5th Revised CANCELLING	SHEET NO.	6 124B
(Name of Utility)	KENTUCKY PUBLIC SERVICE COMMISSION		_SHEET NO	124B

### **DSM** (continued)

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# Direct Load Control Program - Residential

#### **Program Incentives**

Owen Electric Cooperative will provide an incentive to the participants in this program for the following appliances:

<u>Water Heaters.</u> Owen Electric Cooperative will provide the existing participating residential member \$10.00 bill (T) credit annually per water heater. The existing participant will receive this credit regardless of whether the water heater (T) is actually controlled.

<u>Air Conditioners and Heat Pumps.</u> Owen Electric Cooperative 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 (T) 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, Owen Electric Cooperative will provide the participating (T) residential member \$20 bill credit annually per air conditioner or heat pump. (T)

<u>Alternative Two:</u> When technically feasible, Owen Electric Cooperative may provide a Wi-Fi enabled thermostat (T) 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 Owen Electric Cooperative provided thermostat within 60 days or return it to Owen Electric Cooperative or be invoiced by Owen Electric Cooperative 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. Owen Electric Cooperative will reimburse the participating member \$20 per qualifying Wi-Fi enabled thermostat annually.

<u>Alternative Three:</u> Owen Electric Cooperative will provide the participating residential member \$20.00 bill credit (T) annually per qualifying Wi-Fi enable thermostat provided by the retail member that controls an air conditioner or heat pump. Owen Electric Cooperative 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.

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TITLE	President/CEO	EFFECTIVE 3/2/2019
BY AUTHORITY OF O	RDER OF THE PUBLIC SERVICE COMMISSION	PURSUANT TO 807 KAR 5:011 SECTION 9 (1)
IN CASE NO	2019-00060 DATED <u>February 27, 2019</u> Subject to change prospectively	

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	CANCELLED	FOR <u>Entire Territory Served</u> Community, Town or City		
		P.S.C. KY. NO.		6
Owen Electric Cooperative, Inc.	KENTUCKY PUBLIC	5th Revised CANCELLING	_SHEET NO P.S.C. KY NO	<u>124C</u> 6
(Name of Utility)	KENTUCKY PUBLIC SERVICE COMMISSION	4th Revised	SHEET NO.	124C

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## Direct Load Control Program – Residential

## **Program Special Incentives**

Owen Electric Cooperative will provide a special incentive up to \$20 for new participants that install a load (T) control switch on qualifying air conditioners and heat pumps, utility supplied Wi-Fi enable 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.

## **Time Periods for Direct Load Control Program**

<u>Water Heaters:</u> Existing load control switches may be electrically interrupted for a maximum time period of six (T) (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:

<u>Months</u>	Hours Applicable for Demand Billing - EPT	
October through April	6:00 a.m. to 12:00 noon	
	4:00 p.m. to 10:00 p.m.	
May through September	10:00 a.m. to 10:00 p.m.	

<u>Air Conditioners and Heat Pumps:</u> A load control device (switch or Wi-Fi enabled thermostat) will be placed on (T) 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. (T)

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

	nths Hours Ar h September	<u>Hours Applicable for Demand Billing - EPT</u> 10:00 a.m. to 10:00 p.m.		
DATE OF ISSUE	January 30, 2019 Month / Date / Year vice rendered on or after March 2, 2019	KENTUCKY PUBLIC SERVICE COMMISSION		
ISSUED BY	Month / Date / Year (Signature of Officer)	- Gwen R. Pinson Executive Director - Muren R. Punson		
TITLE BY AUTHORITY OF ORD	President/CEO ER OF THE PUBLIC SERVICE COMMISSION	EFFECTIVE <b>3/2/2019</b> PURSUANT TO 807 KAR 5:011 SECTION 9 (1)		
IN CASE NO	19-00060 DATED February 27, 2019 Subject to change prospective			

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	NAND 0 0 0040	P.S.C. KY. NO.		6
	MAR 0 2 2019	4th Revised	SHEET NO.	124D
Owen Electric Cooperative, Inc.	KENTUCKY PUBLIC	CANCELLING	P.S.C. KY NO.	6
	SERVICE COMMISSION	3rd Revised	SHEET NO.	124D
(Name of Utility)		1		

**DSM** (continued)

# Direct Load Control Program – Residential

## **Terms and Conditions**

- 1. Prior to the installation of load control devices, Owen Electric Cooperative may inspect the participant's electrical equipment to insure good repair and working condition, but Owen Electric Cooperative shall not be responsible for the repair or maintenance of the electrical equipment.
- 2. EKPC, on behalf of Owen Electric Cooperative, will install, in some cases, own, and maintain the load (T) management devices controlling the participant's air conditioner or heat pump for Alternative One and Two (T) as noted in this tariff. The participant must allow Owen Electric Cooperative, or their representative, reasonable access to install, maintain, inspect, test and remove load control devices. Inability of Owen Electric Cooperative to gain access to the load management device to perform any of the above activities for a period exceeding 30 days may, at Owen Electric Cooperative's option, result in discontinuance of credits under this tariff until such time as Owen Electric Cooperative is able to gain the required access.
- 3. Participants may join the program at any time during the year. For air conditioning and heat pump unit (T) participants, the annual \$20 bill credit represents a \$5 credit for each month of the cooling season: June, July, August and September. Members not participating the entire four months of the cooling season will not receive the full \$20 annual credit. They will receive a \$5 credit for each full calendar month of participation.
- 4. If a participant decides to withdraw from the program or change incentive alternatives, Owen Electric Cooperative 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 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.

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ISSUED BY	Gwen R. Pinson Executive Director
TITLEPresident/CEO	EFFECTIVE
BY AUTHORITY OF ORDER OF THE PUBLIC SERVICE COMMISSION IN CASE NO. <u>2019-00060</u> DATED <u>February 27, 2019</u> Subject to change prospectively	3/2/2019 PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

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