

DSM - 3b

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Direct Load Control Program - Commercial

Purpose

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

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Availability

The Direct Load Control Program is available to commercial retail members in the service territories of EKPC's owner-members and will include the control of air conditioners and water heaters.

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Availability may be denied where, in the judgment of the owner-member, installation of the load control equipment is impractical.

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Eligibility

To qualify for this Program, the participant must be located in the service territory of a participating owner-member and have a central air conditioning unit and/or a 40-gallon (minimum) electric water heating unit. The appliance may be electrically cycled or interrupted in accordance with the rules of this Tariff.

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

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Program Incentives

EKPC and participating owner-members will provide an incentive to the participants in this program for the following appliances:

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KENTUCKY PUBLIC  
SERVICE COMMISSION

DATE OF ISSUE: October 2, 2017

DATE EFFECTIVE: November 2, 2017

ISSUED BY: *Anthony S. Campbell*  
Anthony S. Campbell,  
President and Chief Executive Officer

Issued by authority of an Order of the Public Service Commission of Kentucky in Case No. 2013-00046 dated May 29, 2013.

<b>KENTUCKY</b>	
PUBLIC SERVICE COMMISSION	
Gwen R. Pinson Executive Director	
<i>Gwen R. Pinson</i>	
EFFECTIVE	
<b>11/2/2017</b>	
PURSUANT TO 807 KAR 5:011 SECTION 9 (1)	

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**Air Conditioners:** The incentive will be based on the tonnage of the air conditioning unit. Units up to and including five (5) tons will receive a monthly credit of \$5.00 per unit. Units over five (5) tons will receive an additional monthly credit of \$1.00 per ton per unit. EKPC will reimburse the participating owner-member at the applicable incentive credit during the months of June through September. The participating owner-member will, in turn, credit the commercial power bill of the participant at the applicable incentive credit during the months of June through September. The participant will receive the incentive regardless of whether the air conditioner is actually controlled during any program month

**Water Heaters:** EKPC will reimburse the participating owner-member \$10.00 per water heater annually. The participating owner-member, in turn, will credit the commercial power bill of the participant \$10.00 per water heater per year. The participant will receive this credit regardless of whether the water heater is actually controlled.

**Time Period for Direct Load Control Program**

**Air Conditioners:** A load control device will be placed on each central air conditioning unit 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 or AMI.

EKPC will control the air conditioning units only during its summer on-peak billing hours listed below:

<u>Months</u>	<u>Hours Applicable for Demand Billing - EPT</u>
May through September	10:00 a.m. to 10:00 p.m.

**Water Heaters:** A load control switch will be placed on the water heater and may be electrically interrupted for a maximum time period of six (6) hours during the May through September months indicated below and for a maximum time period of four (4) hours during the October through April months indicated below.

If the appliances noted above are controlled or interrupted during the time of EKPC's monthly billing peak, no additional monetary adjustments will be made. If the appliances noted above are not controlled or interrupted during the time of EKPC's monthly billing peak, then EKPC will credit the owner-member's bill by an amount which represents the savings that would have occurred had the control or interruption been made.

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

<u>Months</u>	<u>Hours Applicable for Demand Billing - EPT</u>
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.

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EFFECTIVE <b>11/2/2017</b> PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

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Terms and Conditions

- 1. Prior to the installation of load control devices, the owner-members may inspect the participant's electrical equipment to ensure good repair and working condition, but the owner-members shall not be responsible for the repair or maintenance of the electrical equipment. T
- 2. EKPC, on behalf of the owner-members, will install, own, and maintain the load management devices controlling the participant's air conditioner unit or water heater. The participant must allow the owner-member, or their representative, reasonable access to install, maintain, inspect, test and remove load control devices. Inability of the owner-member to gain access to the load management device to perform any of the above activities for a period exceeding thirty (30) days may, at the owner-member's option, result in discontinuance of credits under this tariff until such time as the owner-member is able to gain the required access. T
- 3. Participants may join the program at any time during the year. Participants with air conditioning who join during the months of June through September will receive bill credits beginning after the installation of the load control device and continuing for the months remaining in the June to September time period for that year. Participants with water heaters will receive the first annual incentive within twelve (12) months after the installation of the load control device. T
- 4. If a participant decides to withdraw from the program, the owner-members will endeavor to implement the withdrawal as soon as possible. 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. T

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