| For             | A11   | Area | as S  | erve | d                      |
|-----------------|-------|------|-------|------|------------------------|
| Con             | muni  | ty,  | Tow   | n or | City                   |
| P.S.            | C.N   | o    |       | 2    |                        |
| 1 <sup>st</sup> | Revis | sion | SHE   | ET N | <b>10</b> . <u>119</u> |
| CANC            | ELLI  | NG I | ?.S.( | C. N | 02_                    |

Original SHEET NO.119

#### CLASSIFICATION OF SERVICE

## Touchstone Energy Home Program

#### Purpose

Clark Energy Cooperative Inc. Name of Issuing Corporation

The Touchstone Energy Home Program ("Program") is a conservation program that encourages the sale of more energy-efficient homes. It is based on *Energy Star* standards for homes, a nationally recognized symbol of energy efficiency and quality developed and operated jointly by the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE).

## Availability

This program is available in all service territory served by Clark Energy Cooperative, Inc. (Clark Energy).

#### Eligibility

To qualify as a Touchstone Energy Home under this program, the participating home must be located in the service territory of Clark Energy and meet the Energy Star standards by including additional floor, wall and ceiling insulation, double pane windows and CanNCELLED electric heat pump.

#### Rebate

JAN 0 1 2013

East Kentucky Power Cooperative, Inc. ("EKPC") and Clark EnergyCE COMMISSION Cooperative, Inc. will provide an incentive to retail customers to build or purchase a Touchstone Energy home. Clark Energy may elect to offer a rebate of up to \$250 for each participant. EKPC will match the rebate offered by the member system cooperative up to a maximum of \$250, resulting in a maximum rebate of \$500 for each participant. Rebates will be paid to each participant upon written certification that the newly constructed home has met the Energy Star standards.

| DATE OF ISSUE November 18, 2009                                  | DATE EFFECTIVE January 1, 2010  |
|--|---|
| ISSUED BY Name of Officer  | TITLE PUBLIC SERVICE COMMISSION<br>OF KENTUCKY<br>EFFECTIVE                                   |
| Issued by authority of an Order of the Case No. 2009-00250 dated | e Public Service Commission in<br>PURSUANT TO 807 KAR 5:011<br>November 6, 2009 SECTION 9 (1) |
|  | By H Director   |

| For All Are              | as Served  |    |
|--------------------------|------------|----|
| Community,               | Town or Ci | ty |
| P.S.C. No.               | 2          |    |
| 1 <sup>st</sup> Revision | SHEET NO.1 | 20 |
| CANCELLING               | P.S.C. NO. | 2  |
| Original                 | SHEET NO.1 | 20 |

#### CLASSIFICATION OF SERVICE

#### Annual Reports

Clark Energy Cooperative Inc. Name of Issuing Corporation

Clark Energy Cooperative, Inc., in coordination with East Kentucky Power Cooperative, Inc., will submit annual reports on the Program that contain the number of participants, the annual costs, including the costs of the rebates, and the status of the rebate provision. Clark Energy, in coordination with EKPC, will file the first report by June 30, 2008, and annually thereafter.

#### Term

The Touchstone Energy Home Program will remain in effect through 2011. If Clark Energy should decide to continue the entire program N beyond 2011, an application for approval from the Kentucky Public N Service Commission will be filed, in coordination with EKPC, 6 months prior to the date of continuation.



| DATE OF IS         | SUE November               | 18, 2009 | DATE EFF             | ECTIVE January 1, 2010   |
|--------------------|----------------------------|----------|----------------------|--|
| ISSUED BY_         | Name of                    | Officer  | TITLE                | PUBLIC SERVICE COMMISSION<br>OF KENTUCKY   |
| Issued by Case No. | authority of an 2009-00250 |          | Public 3<br>November | EFFECTIVE<br>ervice Commi <b>1</b> \$#2010 in<br><u>6, 2RURSUANT TO 807</u> KAR 5:011<br>SECTION 9 (1) |
|                    |                            |          |                      | By I DRACION (1)   |
|                    |                            |          |                      | Checutive Director   |

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For All Areas Served Community, Town or City P.S.C. No. 2

1st Revision SHEET NO.121

CANCELLING P.S.C. NO. 2

Original SHEET NO.121

CANCELLED

KENTUCKY PUBLIC SERVICE COMMISSION

# CLASSIFICATION OF SERVICE

## Touchstone Energy Manufactured Home Program

#### Purpose

Clark Energy Cooperative Inc.

Name of Issuing Corporation

The Touchstone Energy Manufactured Home Program is a conservation program that encourages the sale of more energy-efficient manufactured homes. It is based on the *Energy Star* standards for manufactured homes, a nationally recognized symbol of energy efficiency and quality developed and operated jointly by the U.S. Environmental Protection Agency (EPA) and the U.S. Department of Energy (DOE).

#### Availability

This program is available in all service territory served by Clark Energy Cooperative, Inc. ("Clark Energy").

#### Eligibility

To qualify as a Touchstone Energy Manufactured Home under this program, the participating manufactured home must be located in the service territory of Clark Energy and meet the *Energy Star* standards by including additional floor, wall and ceiling insulation, double pane windows and an electric heat pump.

#### Rebate

Clark Energy will provide an incentive to members who participate in this program by offering a one-time rebate. Clark Energy will rebate \$250 per certified manufactured home to the participating member. Rebates will be paid to the participant upon written certification that the participant has met the *Energy Star* standards for newly constructed manufactured homes.

| For members who purchase a manufactured home<br>heat pump meeting Energy Star standards, Cla | which only includes a<br>rPUBALCSERWIGE COMMISSION<br>OF KENTUCKY |
|--|---|
|  | EFFECTIVE   |
| DATE OF ISSUE November 18,2009 DATE EFFEC  | PURSUANT TO 807 KAR 5:011   |
| ISSUED BY Jaul TITLE   | DEFET SECTION & (12.0.  |
| Name of Officer  | By W Maeier   |
| Issued by authority of an Order of the Public S  | er Executive Director   |
| Case No. 2009-00249 dated November   | 6, 2009   |

For All Areas Served Community, Town or City P.S.C. No. 2 1<sup>st</sup> Revision SHEET NO.122 CANCELLING P.S.C. NO. 2 Original SHEET NO.122

CLASSIFICATION OF SERVICE

\$150. For members with inefficient electric heating systems, Clark Energy will rebate \$150 for replacing their existing furnace with a heat pump that meets minimum Energy Star Standards.

#### Annual Reports

Clark Energy Cooperative Inc.

Name of Issuing Corporation

Clark Energy in coordination with East Kentucky Power Cooperative, Inc. ("EKPC"), will submit annual reports on the Program that contain the number of participants from each Member System, the annual costs, including the costs of the rebates, and the status of the rebate provision. EKPC will file the first report by March 31, 2009, and annually thereafter.

#### Term

The Touchstone Energy Manufactured Home Program will remain in effect through the end of 2011. If Clark Energy should decide to continue N the entire program beyond 2011, an application for approval from the N Kentucky Public Service Commission will be filed 6 months prior to the date of continuation.

> CANCELIED MAR 0 1 2013 KENTUCKY PUBLIC SERVICE COMMISSION

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|   | PUBLIC SERVICE COMMISSION<br>OF KENTUCKY                          |
|---|---|
|   | EFFECTIVE   |
| DATE OF ISSUE November 18, 2009 DATE EFFEC      | TIVE Januar <sup>1(1/2010</sup> 2010<br>PURSUANT TO 807 KAR 5:011 |
| ISSUED BY Jan TITLE                             | PRET SECTION 9(1).0.  |
| Name of Officer                                 | P. M. Drouw   |
| Issued by authority of an Order of the Public S |   |
| Case No. 2009-00249 dated November              | 6, 2009   |

P.S.C. No. 2

# 4th <u>Revision</u> SHEET NO.<u>123</u> CANCELLING P.S.C. NO.<u>2</u>

# <u>Clark Energy Cooperative Inc.</u> Name of Issuing Corporation

<u>3rd Revision</u> SHEET NO.123

JUN 0 1 2013

# CLASSIFICATION OF SERVICE

# Cogeneration and Small Power Production Power Purchase Rate Schedule Over 100 kW

# AVAILABILITY

Available only to qualified cogeneration or small power production facilities with a design capacity of over 100 kW which have executed a contract with Clark Energy Cooperative, Inc. ("Clark Energy") and East Kentucky Power, Inc. ("EKPC") for the purchase of electric power by EKPC.

### **RATES**

The rates set forth below shall be used as the basis for negotiating a final purchase rate with qualifying facilities pursuant to Section 7 of 807 KAR 5:054.

1. Capacity

a. \$84.47 per kW per year is applicable if cogenerator or small power producer is dispatched by EKPC. (I)

b. \$0.00964 per kWh is applicable if cogenerator or small power producer is not dispatched by EKPC. (I)

- Energy A base payment per kWh is listed below for a time-differentiated basis or a non-time differentiated basis for the specified years.
  - a. Time Differentiated Rates:

|      | Wir      | nter     | Sun      | nmer SE  | RVICE COMMISSION |
|------|----------|----------|----------|----------|------------------|
| Year | On-Peak  | Off-Peak | On-Peak  | Off-Peak |                  |
| 2012 | \$.03384 | \$.03183 | \$.03502 | \$.03029 | (R)              |
| 2013 | \$.03704 | \$.03564 | \$.03791 | \$.03210 | (R)              |
| 2014 | \$.04090 | \$.03772 | \$.04121 | \$.03468 | (R)              |
| 2015 | \$.04360 | \$.03979 | \$.04446 | \$.03760 | (R)              |
| 2016 | \$.04584 | \$.04075 | \$.04627 | \$.03668 | (N)              |

|  |              | KENTUCKY<br>PUBLIC SERVICE COMMISSION   |
|--|--------------|---|
| DATE OF ISSUE March 30, 2012   | DATE EFFECTI |   |
| ISSUED BY <u>Tauf Stan</u><br>Issued by authority of an Order of the Public St<br>August 20, 2008. |              | DENT & C. D. Kielley<br>ntucky in C. Bunt Kielley<br>EFFECTIVE<br>6/1/2012<br>PURSUANT TO 607 KAR 5:011 SECTION 9 (1) |
|  |              |   |

P.S.C. No. 2

4th <u>Revision</u> SHEET NO. <u>124</u> CANCELLING P.S.C. NO. <u>2</u>

3rd Revision SHEET NO.124

# CLASSIFICATION OF SERVICE

b. Non-Time Differentiated Rates:

| Year | 2012     | 2013     | 2014     | 2015     | 2016      | ]       |
|------|----------|----------|----------|----------|-----------|---------|
| Rate | \$.03284 | \$.03588 | \$.03885 | \$.04154 | \$.04270* | (R)(N)* |

The on-peak and off-peak energy rates are applicable during the hours listed below for each season:

Winter (October - April) On-Peak

Off-Peak

Summer (May - September) On-Peak

Off-Peak

10:00 a.m. - 10:00 p.m.

7:00 a.m. - 12:00 noon 5:00 p.m. - 10:00 p.m.

12:00 noon - 5:00 p.m.

10:00 p.m. - 7:00 a.m.

10:00 p.m. - 10:00 a.m.



#### TERMS AND CONDITIONS

- 1. All power from a Qualifying Facility (QF) will be sold only to EKPC.
- 2. Seller must provide good quality electric power within a reasonable range of voltage, frequency, flicker, harmonic currents, and power factor.
- 3. Qualifying Facility (QF) shall provide reasonable protection for EKPC and Clark Energy.
- 4. Qualifying Facility (QF) shall design, construct, install, own, operate, and maintain the Qualifying Facility in accordance with all applicable codes, laws, regulations, and generally accepted utility practices.

|  | ·             |                  | VENTUCKY<br>PUBLIC SERVICE COMMISSION               |
|--|---------------|------------------|---|
| DATE OF ISSUE March 30, 2012               | DATE E        | FFECTIVE Jur     | EXECUTIVE DIRECTOR                                  |
| ISSUED BY Hand EL                          | _ TITLE _     | PRESIDENT        | & C.E.O. TARIFF BRANCH                              |
| Issued by authority of an Order of the Pub | lic Service C | Commission of Ke | entucky in Chunt Kirthey 28 dated                   |
| <u>August 20, 2008 .</u>                   |               |                  | EFFECTIVE   |
|  |               |                  | 6/1/2012<br>PURSUANT TO 807 KAR 5:011 SECTION 9 (1) |
|  |               |                  |   |

P.S.C. No. 2

<u>4th Revision</u> SHEET NO. 125 CANCELLING P.S.C. NO. 2

3rd Revision SHEET NO.125

# CLASSIFICATION OF SERVICE

- 5. Qualifying Facility shall reimburse EKPC and Clark Energy for all costs incurred as a result of interconnecting with the QF, including operation, maintenance, administration, and billing.
- 6. Qualifying Facility shall obtain insurance in the following minimum amounts for each occurrence:
  - a. Public Liability for Bodily Injury \$1,000,000.00
  - b. Property Damage \$500,000.00
- 7. Initial contract term shall be for a minimum of five years.
- 8. Qualifying Facilities proposing to supply as available (non-firm) electric power shall not be entitled to a capacity payment.
- 9. Qualifying cogeneration and small power production facilities must meet the definition set forth in 807 KAR 5:054 to be eligible for this tariff.
- 10. Updated rates will be filed with the Public Service Commission of Kentucky by March 31 of each year.

CANCELLED JUN 0 1 2013 KENTUCKY PUBLIC SERVICE COMMISSION

|  |                      | KENTUCKY<br>PUBLIC SERVICE COMMISSION                      |
|--|----------------------|--|
| DATE OF ISSUE March 30, 2012   | DATE EFFECTIV        | JEFF R. DEROUEN<br>E June 1, 2012UTIVE DIRECTOR            |
| ISSUED BY Paul & EL  |                      | DENT & C. Bunt Kirtley                                     |
| Issued by authority of an Order of the Public Serv<br>August 20, 2008. | ice Commission of Ke | <b>6/1/2012</b><br>OURSUANT TO 807 KAR 5:011 SECTION 9 (1) |

P.S.C. No. 2

4th <u>Revision</u> SHEET NO. <u>126</u> CANCELLING P.S.C. NO. <u>2</u>

# <u>Clark Energy Cooperative Inc.</u> Name of Issuing Corporation

3rd Revision SHEET NO. 126

# CLASSIFICATION OF SERVICE

# Cogeneration and Small Power Production Power Purchase Rate Schedule Less than 100 kW

# AVAILABILITY

Available only to qualified cogeneration or small power production facilities with a design capacity of less than 100 kW which have executed a contract with Clark Energy Cooperative, Inc. ("Clark Energy") and East Kentucky Power, Inc. ("EKPC") for the purchase of electric power by EKPC.

# RATES

The rates set forth below shall be used as the basis for negotiating a final purchase rate with qualifying facilities pursuant to Section 7 of 807 KAR 5:054.

1. Capacity

- b. \$0.00964 per kWh is applicable if cogenerator or small power producer is not dispatched by EKPC. (I)
- Energy A base payment per kWh is listed below for a time-differentiated basis or a non-time differentiated basis for the specified years.
   CANCELLED
  - a. Time Differentiated Rates:

JUN 0 1 2013

|      | Wir      | iter     | Summer   |          | KENTUCKY PUBLIC<br>SERVICE COMMISSION |
|------|----------|----------|----------|----------|---------------------------------------|
| Year | On-Peak  | Off-Peak | On-Peak  | Off-Peak |                                       |
| 2012 | \$.03384 | \$.03183 | \$.03502 | \$.03029 | (R)                                   |
| 2013 | \$.03704 | \$.03564 | \$.03791 | \$.03210 | (R)                                   |
| 2014 | \$.04090 | \$.03772 | \$.04121 | \$.03468 | (R)                                   |
| 2015 | \$.04360 | \$.03979 | \$.04446 | \$.03760 | (R)                                   |
| 2016 | \$.04584 | \$.04075 | \$.04627 | \$.03668 | (N)                                   |

|   |                  | KENTUCKY<br>PUBLIC SERVICE COMMISSION   |
|---|------------------|---|
| DATE OF ISSUE March 30, 2012                                      | DATE EFFE        | JEFF R. DEROUEN<br>EXECUTIVE DIRECTOR<br>TARIEE BRANCH  |
| ISSUED BY Ruf H   | TITLE            | PRESIDENT & C.E.O. Bunt Kirtley   |
| Issued by authority of an Order of the Public<br>August 20, 2008. | ic Service Commi | tission of Kentucky in Case No. 2008 00128_dated<br>6/1/2012<br>PURSUANT TO 807 KAR 5:011 SECTION 9 (1) |

A \$84.47 per kW per year is applicable if cogenerator or small power producer is dispatched by EKPC. (I)

| For All Areas | Served       |
|---------------|--------------|
| Community,    | Town or City |

P.S.C. No. 2

4th Revision SHEET NO.127

CANCELLING P.S.C. NO. 2

3rd Revision SHEET NO. 127

SION

# CLASSIFICATION OF SERVICE

b. Non-Time Differentiated Rates:

| Year | 2012     | 2013     | 2014     | 2015     | 2016      |         |
|------|----------|----------|----------|----------|-----------|---------|
| Rate | \$.03284 | \$.03588 | \$.03885 | \$.04154 | \$.04270* | (R)(N)* |

7:00 a.m. - 12:00 noon 5:00 p.m. - 10:00 p.m.

12:00 noon - 5:00 p.m. 10:00 p.m. - 7:00 a.m.

10:00 a.m. - 10:00 p.m.

10:00 p.m. - 10:00 a.m.

The on-peak and off-peak energy rates are applicable during the hours listed below for each season:

Winter (October - April) On-Peak

Off-Peak

Summer (May - September) On-Peak

Off-Peak

#### TERMS AND CONDITIONS

- 1. All power from a Qualifying Facility (QF) will be sold only to EKPC.
- 2. Seller must provide good quality electric power within a reasonable range of voltage, frequency, flicker, harmonic currents, and power factor.
- 3. Qualifying Facility (QF) shall provide reasonable protection for EKPC and Clark Energy.
- 4. Qualifying Facility (QF) shall design, construct, install, own, operate, and maintain the Qualifying Facility in accordance with all applicable codes, laws, regulations, and generally accepted utility practices.

|  |                      | KENTUCKY<br>PUBLIC SERVICE COMMISSION           |
|--|----------------------|---|
|  |                      |   |
| DATE OF ISSUE March 30, 2012 DAT                   | E EFFECTIVE Jun      | E 1, 2012 JEFF R. DEROUEN<br>EXECUTIVE DIRECTOR |
| ISSUED BY TANK TIT                                 | LE PRESIDENT & C     | TARIFF BRANCH                                   |
| Issued by authority of an Order of the Public Serv | ice Commission of Ke | ntucky in Bunt Kirtley 128 dated                |
| August 20, 2008.                                   |                      | EFFECTIVE                                       |
| <u></u>  |                      | 6/1/2012  |
|  |                      | PURSUANT TO 807 KAR 5:011 SECTION 9 (1)         |
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P.S.C. No. 2

4th Revision SHEET NO. 128

# CANCELLING P.S.C. NO. 2

# 3rd Revision SHEET NO. 128

CANCELLED

JUN 0 1 2013 KENTUCKY PUBLIC SERVICE COMMISSION

# **CLASSIFICATION OF SERVICE**

- 5. Qualifying Facility shall reimburse EKPC and Clark Energy for all costs incurred as a result of interconnecting with the QF, including operation, maintenance, administration, and billing.
- 6. Qualifying Facility shall obtain insurance in the following minimum amounts for each occurrence:
  - a. Public Liability for Bodily Injury \$1,000,000.00
  - b. Property Damage \$500,000.00
- 7. Initial contract term shall be for a minimum of five years.
- 8. Qualifying Facilities proposing to supply as available (non-firm) electric power shall not be entitled to a capacity payment.
- 9. Qualifying cogeneration and small power production facilities must meet the definition set forth in 807 KAR 5:054 to be eligible for this tariff.
- 10. Updated rates will be filed with the Public Service Commission of Kentucky by March 31 of each year.

| ISSUED BY TITLE PRESIDE<br>Issued by authority of an Order of the Public Service Commission of Kentu | JEFF R. DEROUEN<br>DENT & EXEQUTIVE DIRECTOR<br>TARIFF BRANCH |
|--|---|
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| I dhay the its for Order of the Dablis Service Commission of What                                    | A 11.   |
|  | tucky in CBunt Kirtley 128_dated                              |
| August 20, 2008 .  | EFFECTIVE   |
|  | 6/1/2012<br>PURSUANT TO 807 KAR 5:011 SECTION 9 (1)           |

JUL 1 0 2013

**KENTUCKY PUBLIC** 

# Clark Energy Cooperative, Inc.

#### Section DSM - 3(a)

### Direct Load Control Program - Residential

#### Purpose

The Direct Load Control Program will encourage the reduction in growth of peak demand, enabling East Kentucky Power Cooperative ("EKPC") 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 customers in the service territory of Clark Energy Cooperative and will include the control of water heaters, air conditioners and heat pumps, and pool pumps.

Availability may be denied where, in the judgment of Clark Energy Cooperative, installation of the load control equipment is impractical.

#### Eligibility

To qualify for this Program, the participant must be located in the service territory of Clark Energy Cooperative, and have:

- 40-gallon (minimum) electric water heating units, and/or
- Central air conditioning or heat pump units, and/or
- Pool pumps.

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. Clark Energy Cooperative may require that a rental property agreement be executed between Clark Energy Cooperative and the owner of the rented residence.

#### **Program Incentives**

Clark Energy Cooperative will provide an incentive to the participants in this program for SERVICE COMMISSION following appliances.

| Water Heaters. Clark Energy Cooperative will credi<br>\$10.00 per water heater per year. The participant wi | t the residentia power bill of the period states the residential power bill of the period states of the period sta |
|---|--|
| the water heater is actually controlled.  | JEFF R. DEROUEN<br>EXECUTIVE DIRECTOR  |
|   | TARIFF BRANCH  |
| DATE OF ISSUE: Proventier 30, 2012 DATE EF  | TECTIVE: Service rendered Bunt Kulley y 1, 2013.<br>LE President and Chief Executive periode   |
| Issued by authority of an Order of the Public Service Con<br>Case No. Dated                                 | mmission of Kentucky in 1/1/2013<br>PURSUANT TO B07 KAR 5:011 SECTION 9 (1)  |

For All Areas Served Community, Town or City P.S.C. No.\_\_\_\_\_ Revision 1 SHEET NO.129 CANCELLING P.S.C. NO.\_\_\_\_\_ Original SHEET NO.129

### CLASSIFICATION OF SERVICE

# Section DSM - 3(a)

## Direct Load Control Program - Residential

JAN 0 1 2013 KENTUCKY PUBLIC SERVICE COMMISSION

# Purpose

The Direct Load Control Program will encourage the reduction in growth of peak demand, enabling East Kentucky Power Cooperative ("EKPC") 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 customers in the service territory of Clark Energy Cooperative, Inc. ("Clark Energy") and will include the control of water heaters, air conditioners and heat pumps, and pool pumps.

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

#### Eligibility

To qualify for this Program, the participant must be located in the service territory of Clark Energy and have:

- 40-gallon (minimum) electric water heating units, and/or
- Central air conditioning or heat pump units, and/or
- Pool pumps.

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. Clark Energy may require that a rental property agreement be executed between Clark Energy and the owner of the rented residence. PUBLIC SERVICE COMMISSION

|                                       | OF KENTUCKY                       |
|---------------------------------------|-----------------------------------|
|                                       | EFFECTIVE                         |
| DATE OF ISSUE July 2, 2009            | DATE EFFECTIVE August 70,009 2009 |
| PAUL                                  |                                   |
| ISSUED BY law to onthe                | TITLE DEPENDENT C.E.O.            |
| Name of Officer                       | A. H. h. /K                       |
|                                       | By 14 Alaeur                      |
| Issued by authority of an Order of th |                                   |
| Case Noda                             | lated                             |

Clark Energy Cooperative, Inc.

# Section DSM -3(a) (continued)

### **Direct Load Control Program - Residential**

Air Conditioners and Heat Pumps. Clark Energy Cooperative will provide an incentive to the participants in this program. The participant may select one of two 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.

Alternative One. Clark Energy Cooperative will credit the residential power bill of the participant \$20.00 per air conditioner (\$5 per summer months, June, July, August, and September).

Alternative Two. When technically feasible, Clark Energy Cooperative will provide and **(T)** install at no cost one or more digital thermostats as needed for control purposes.

After the initial selection of one of the alternatives, the participant may change to the other alternative subject to the following conditions:

- From bill credits to digital thermostats The change in alternative will be permitted in any month except for the summer months of June through September. In addition, the participant will pay 50 percent of the installed cost of each digital thermostat.
- From digital thermostats to bill credits The change in alternative will be permitted in any month except for the summer months of June through September. In addition, the participant will either reimburse EKPC, through Clark Energy Cooperative, an amount equal to 50 percent of the original installed cost of each digital thermostat that was initially installed if the participant keeps the thermostat or pay 50 percent of the cost to remove each digital thermostat that was initially installed.
- Only one change in incentive alternatives will be permitted during a 12-month period.

Pool Pumps. Clark Energy Cooperative will credit the residential power bill of the participant \$20.00 per pool pump annually (\$5.00 per summer month, June, July, August and September). The participant will receive this credit regardless of whether the pool pump is actually CANCELLED controlled.

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 SERVICE COMMISS 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.

#### **Program Special Incentives**

| Clark Energy Cooperative will provide a special income<br>a load control switch on qualifying electric water he<br>pool pumps. The one-time per residence incentive w<br>bill following the switch installation. | eaters, air conditioners and Hadat Starty Cane OMMISSION   |
|--|--|
| bin tonowing the switch instantation.  | TARIFF BRANCH  |
| DATE OF ISSUE: November 30, 2012 DATE  | EEFFECTIVE: Service rendered Bunt Kullufry 1, 2013.<br>TITLE President and Chief Executy President |
| Issued by authority of an Order of the Public Service<br>Case No Dated   | Commission of Kentucky in 1/1/2013<br>PURSUANT TO 807 KAR 5:011 SECTION 9 (1)                      |



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JUL 1 0 2013

**KENTUCKY PUBLIC** 

| For All Areas Se | rved                    |
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| Community, Town  | or City                 |
| P.S.C. No        |                         |
| Revision 1 SHEE  | <b>T NO.</b> <u>130</u> |
| CANCELLING P.S.C | . NO                    |
| Original SHEE    | T NO.130                |

### CLASSIFICATION OF SERVICE

### **Program Incentives**

Clark Energy Cooperative Inc. Name of Issuing Corporation

JAN 0 1 2013

KENTUCKY PUBLIC

Clark Energy will provide an incentive to the participants in this program for the following appliances. Commis Water Heaters. Clark Energy will credit the residential 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.

<u>Air Conditioners and Heat Pumps.</u> Clark Energy will provide an incentive to the participants in this program. The participant may select one of two 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>. Clark Energy will credit the residential power bill of the participant \$20.00 per air conditioner (\$5 per summer months, June, July, August, and September).

<u>Alternative Two</u>. EKPC, on behalf of Clark Energy, will provide and install at no cost one or more digital thermostats as needed for control purposes.

After the initial selection of one of the alternatives, the participant may change to the other alternative subject to the following conditions:

- From bill credits to digital thermostats The change in alternative will be permitted in any month except for the summer months of June through September. In addition, the participant will pay 50 percent of the installed cost of each digital thermostat.
- From digital thermostats to bill credits The change in alternative will be permitted in any month except for the summer months of June through September. In addition, the participant will either reimburse EKPC, through Clark Energy, an amount equal to 50 percent of the original installed cost of each digital thermostat that was initially installed if the participant keeps the thermostat or pay 50 percent of the cost to remove each digital thermostat that was initially installed.
- Only one change in incentive alternatives will be permitted during a 12 month period.

<u>Pool Pumps.</u> Clark Energy will credit the residential power bill of the participant \$10.00 per pool pump per year. The participant will receive this credit regardless of whether the pool pump is actually controlled.

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Clark Energy Cooperative, Inc.

## Section DSM - 3(a) (continued)

### **Direct Load Control Program - Residential**

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

Water Heaters. A load control switch will be placed on the water heater and may be electrically interrupted for a maximum time period of four hours.

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

<u>Months</u> October through April

May through September

<u>Air Conditioners and Heat Pumps.</u> A load control device (switch or 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 or AMI equipment.

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

Months May through September Hours Applicable for Demand Billing - EST 10:00 a.m. to 10:00 p.m.

Hours Applicable for Demand Billing - EST

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.

<u>Pool Pumps.</u> A load control switch will be placed on the pool pump and may be controlled for a four-hour curtailment during on peak days May through September. In addition, there may be a 50 percent cycling for the ensuing two-hour recovery period to prevent creating a new peak.

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|  |                            | JEFF R. DEROUEN<br>EXECUTIVE DIRECTOR                           |
|  |                            | TARIFF BRANCH   |
| DATE OF ISSUE: November 30, 2012                             | DATE EFFECTIVE: Se         | rvice rendered Bunt Kirtley 1, 2013.                            |
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|  | Original SHEET NO.131   |

# CLASSIFICATION OF SERVICE

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.

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

<u>Water Heaters</u>. A load control switch will be placed on the water heater and may be electrically interrupted for a maximum time period of four hours.

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

Months October through April Hours Applicable for Demand Billing - EST 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.



May through September

<u>Air Conditioners and Heat Pumps</u>. A load control device (switch or 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, or paging equipment.

EKPC will control the air conditioning units and heat pumps only during its summer on-peak billing hours listed below.

Months May through September Hours Applicable for Demand Billing - EST 10:00 a.m. to 10:00 p.m.

<u>Pool Pumps.</u> A load control switch will be placed on the pool pump and may be controlled for a four hour curtailment during on peak days May through September. In addition, there may be a 50 percent cycling for the ensuing 2 hour recovery period to prevent creating a new peak.

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KENTUCKY PUBLIC

Clark Energy Cooperative, Inc.

## Section DSM - 3(a) (continued)

# Direct Load Control Program - Residential

## **Terms and Conditions**

- 1. Prior to the installation of load control devices, Clark Energy Cooperative may inspect the participant's electrical equipment to insure good repair and working condition, but Clark Energy Cooperative shall not be responsible for the repair or maintenance of the electrical equipment.
- 2. EKPC, on behalf of Clark Energy Cooperative, will install, own, and maintain the load management devices controlling the participant's air conditioner, heat pump, or water heater. The participant must allow Clark Energy Cooperative, or their representative, reasonable access to install, maintain, inspect, test and remove load control devices. Inability of Clark Energy Cooperative to gain access to the load management device to perform any of the above activities for a period exceeding 30 days may, at Clark Energy Cooperative's option, result in discontinuance of credits under this tariff until such time as Clark Energy Cooperative is able to gain the required access.
- 3. Participants may join the program at any time during the year. Participants with water heaters and/or pool pumps will receive the first annual incentive within 12 months after the installation of the load control device. 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 bill credit incentive is selected, bill credits will not begin until after the installation of the load control device and continue for the months remaining in the June to September time period for that year.
- 4. If a participant decides to withdraw from the program or change incentive alternatives, Clark Energy 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 ANCELLED alternatives later as described in this Tariff.
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### CLASSIFICATION OF SERVICE

## Terms and Conditions

1. Prior to the installation of load control devices, Clark Energy may inspect the participant's electrical equipment to insure good repair and working condition, but Clark Energy shall not be responsible for the repair or maintenance of the electrical equipment.

Clark Energy Cooperative Inc. Name of Issuing Corporation

2. EKPC, on behalf of Clark Energy, will install, own, and maintain the load management devices controlling the participant's air conditioner, heat pump, or water heater. The participant must allow Clark Energy, or their representative, reasonable access to install, maintain, inspect, test and remove load control devices. Inability of Clark Energy to gain access to the load management device to perform any of the above activities for a period exceeding 30 days may, at Clark Energy's option, result in discontinuance of credits under this tariff until such time as Clark Energy is able to gain the required access.

3. Participants may join the program at any time during the year. Participants with water heaters and/or pool pumps will receive the first annual incentive within 12 months after the installation of the load control device. 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 bill credit incentive is selected, bill credits will not begin until after the installation of the load control device and continue for the months remaining in the June to September time period for that year.

4. If a participant decides to withdraw from the program or change incentive alternatives, Clark Energy 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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For All Areas Served Community, Town or City P.S.C. No.\_\_\_\_\_\_ Original SHEET NO.133 CANCELLING P.S.C. NO.\_\_\_\_\_ SHEET NO.

#### CLASSIFICATION OF SERVICE

## Section DSM - 3(b)

### **Direct Load Control Program - Commercial**

#### Purpose

The Direct Load Control Program will encourage the reduction in growth of peak demand, enabling East Kentucky Power Cooperative ("EKPC") 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 commercial customers in the service territory of Clark Energy Cooperative, Inc. ("Clark Energy") and will include the control of air conditioners and water heaters.

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

#### Eligibility

To qualify for this Program, the participant must be located in the service territory of Clark Energy 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.

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

### **Program Incentives**

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Clark Energy will provide an incentive to the participants in this program for the following appliances.

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# CLASSIFICATION OF SERVICE

<u>Air Conditioners.</u> The incentive will be based on the tonnage of the air conditioning unit. Units up to and including five tons will receive a monthly credit of \$5.00 per unit. Units over five tons will receive an additional monthly credit of \$1.00 per ton per unit. Clark Energy will credit the commercial power bill of the participant 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.

<u>Water Heaters.</u> Clark Energy 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**

<u>Air Conditioners.</u> 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, AMI, or paging equipment.

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

| Months                | Hours Applicable for Demand Billing - EST |
|-----------------------|---|
| May through September | 10:00 a.m. to 10:00 p.m.                  |

<u>Water Heaters.</u> A load control switch will be placed on the water heater and may be electrically interrupted for a maximum time period of four hours.

| EKPC will cycle the water heaters only during the hours listed below. |  |                        | CANCELLED   |
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| <u>Months</u><br>October through April<br>May through September       | Hours Applicable for De<br>6:00 a.m. to 1<br>4:00 p.m. to 1<br>10:00 a.m. tq | 2:00 noon<br>0:00 p.m. | JUL 1 0 2013<br>KENTUCKY PUBLIC<br>SERVICE COMMISSION |
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> JUL 1 0 2013 KENTUCKY PUBLIC SERVICE COMMISSION

#### CLASSIFICATION OF SERVICE

# **Terms and Conditions**

Clark Energy Cooperative Inc.

Name of Issuing Corporation

1. Prior to the installation of load control devices, Clark Energy may inspect the participant's electrical equipment to insure good repair and working condition, but Clark Energy shall not be responsible for the repair or maintenance of the electrical equipment.

2. EKPC, on behalf of Clark Energy, will install, own, and maintain the load management devices controlling the participant's air conditioner unit or water heater. The participant must allow Clark Energy, or their representative, reasonable access to install, maintain, inspect, test and remove load control devices. Inability of Clark Energy to gain access to the load management device to perform any of the above activities for a period exceeding 30 days may, at Clark Energy's option, result in discontinuance of credits under this tariff until such time as Clark Energy is able to gain the required access.

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 12 months after the installation of the load control device.

4. If a participant decides to withdraw from the program, Clark Energy 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 6 months.

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# Section DSM - 7

## **Purpose**

Clark Energy Cooperative, Inc.

The Button-Up Weatherization Program offers an incentive for reducing the heat loss of a home. The retail member of Clark Energy Cooperative may qualify for this incentive by improving insulation, installing higher efficiency windows and doors, or by reducing the air leakage of their home.

# **Availability**

This program is available to residential members in all service territory served by Clark Energy Cooperative.

### Eligibility

This program is targeted at older single-family, multi-family, or manufactured dwellings. Eligibility requirements are:

- Home must be 2 years old or older to qualify for the incentive.
- Primary source of heat must be electricity.

## 2012

- The insulation portion of the Button Up incentive will promote the reduction of energy usage on the part of the retail members by providing an incentive of \$20 per one thousand BTUs reduced resulting from improving insulation or installing higher efficiency window or doors. Heat loss calculation of BTUs reduced will be made by using either the Button Up Reference Guide or through other methods approved by EKPC. To receive this incentive either an East Kentucky Power Cooperative or Clark Energy Cooperative representative must verify the calculated BTUs reduced.
- The air sealing portion of the Button Up incentive will promote retail members to air seal any and all thermal bypasses from heated to unheated areas. Typical air sealing could include caulking, improved window and door seals, etc. The incentive is also \$20 per thousand BTUs reduced. To receive this incentive either an East Kentucky Power Cooperative or Clark Energy Cooperative representative must perform a "pre" and "post" blower door test to measure actual BTUs reduced.

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# Clark Energy Cooperative, Inc.

KENTUCKY PUBLIC SERVICE COMMISSION

# <u>Section DSM – 7</u> (continued)

# 2013 & After

- The insulation portion of the Button Up incentive will promote the reduction of energy usage on the part of the retail members by providing an incentive of \$40 per one thousand BTUs reduced resulting from improving insulation or installing higher efficiency window or doors. Heat loss calculation of BTUs reduced will be made by using either the Button Up Reference Guide or through other methods approved by EKPC. To receive this incentive either an East Kentucky Power Cooperative or Clark Energy Cooperative representative must verify the calculated BTUs reduced.
- The air sealing portion of the Button Up incentive will promote the reduction of energy usage on the part of retail members by air sealing any and all thermal bypasses from heated to unheated areas. Typical air sealing could include caulking, improved window and door seals, etc. The incentive is also \$40 per thousand BTUs reduced. To receive this incentive either an East Kentucky Power Cooperative or Clark Energy Cooperative representative must perform a "pre" and "post" blower door test to measure actual BTUs reduced.

# **Button Up Incentive**

Clark Energy Cooperative will provide an incentive to residential members of \$20 per one thousand BTUs reduced up to \$270 in 2012 and of \$40 per one thousand BTUs reduced up to \$520 in 2013 and after. A blower door test is not required to receive this incentive.

# **Button Up with Air Sealing Incentive**

Clark Energy Cooperative will provide an incentive to residential members of \$20 per one thousand BTUs reduced up to \$355 in 2012 and of \$40 per one thousand BTUs reduced up to \$750 in 2013 and after. To qualify for the increased maximum incentives as noted herein, a blower door test is required.

# Term

The program is an ongoing program.

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# Section DSM - 8

### Heat Pump Retrofit Program

#### Purpose

Clark Energy Cooperative, Inc.

The Heat Pump Retrofit Program provides incentives for residential customers to replace their existing resistance heat source with a high efficiency heat pump.

#### Availability

This program is available to residential members in all service territory served by Clark Energy Cooperative.

# Eligibility

This program is targeted to retail members who currently heat their home with a resistance heat source; this program is targeted to both stick built and manufactured homes. Eligibility requirements are:

## **Program Specifications (Manufactured Housing)**

- Incentive only applies when homeowner's primary source of heat is an electric resistance heat furnace, ceiling cable heat, or baseboard heat.
- Existing heat source must be at least 2 years old.
- Homeowners applying for this incentive must install a Heat Pump that is equivalent to the following AHRI ratings or higher:
  - 13 SEER

7.5 HSPF or higher.

#### **Program Specifications (Stick Built Homes)**

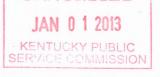
- Incentive will be paid to homeowner's whose primary source of heat is an electric resistance heat furnace, ceiling cable heat, or baseboard heat.
- Existing heat source must be at least 2 years old.
- Homeowners applying for this incentive must install a Heat Pump that is equivalent to the following AHRI ratings or higher:
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#### Incentive

Clark Energy Cooperative will provide a \$500 incentive to residential members that meet the Eligibility requirements listed above.

#### Term

The program is an ongoing program.



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