

FILE

Ohio

Public Utilities  
Commission

Application to Commit  
Energy Efficiency/Peak Demand  
Reduction Programs  
(Mercantile Customers Only)

9

Case No.: 11-3919-EL-EEC

Rule 4901:1-39-05(F), Ohio Administrative Code (O.A.C.), permits a mercantile customer to file, either individually or jointly with an electric utility, an application to commit the customer's existing demand reduction, demand response, and energy efficiency programs for integration with the electric utility's programs. The following application form is to be used by mercantile customers, either individually or jointly with their electric utility, to apply for commitment of such programs implemented during the prior three calendar years.

Completed applications requesting the cash rebate reasonable arrangement option (Option 1) in lieu of an exemption from the rider will be automatically approved on the sixty-first calendar day after filing, unless the Commission, or an attorney examiner, suspends or denies the application prior to that time. Completed applications requesting the exemption from the electric utilities' energy efficiency rider option (Option 2) will not qualify for the 60-day automatic approval.

Complete a separate application for each customer program. Projects undertaken by a customer as a single program at a single location or at various locations within the same service territory should be submitted together as a single program filing, when possible. Check all boxes that are applicable to your program. For each box checked, be sure to complete all subparts of the question, and provide all requested additional information. Submittal of incomplete applications may result in a suspension of the automatic approval process or denial of the application.

If you consider some of the items requested in the application to be confidential or trade secret information, please file a copy of the application under seal, along with a motion for protective order pertaining to the material you believe to be confidential. Please also file a copy of the application in the public docket, with the information you believe to be confidential redacted.

RECEIVED-DOCKETING DIV  
2011 JUN 24 PM 4:02

PUCO

Revised June 24, 2011

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Technician As J Date Processed 6/24/11

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## **Section 1: Company Information**

Name: **Lakota, Hopewell Elementary**

Principal address: **Lakota Local School District, 5572 Princeton Road, Liberty Township, OH 45011**

Address of facility for which this energy efficiency program applies: **8300 Cox Rd., West Chester, OH 45069**

Name and telephone number for responses to questions: **Cory Gordon, 317-838-2955**

Electricity use by our company (at least one must apply to your company – check the box or boxes that apply):

- ☒ **We use more than seven hundred thousand kilowatt hours per year at our facility. (Please attach documentation.)**
- ☐ **We are part of a national account involving multiple facilities in one or more states. (Please attach documentation.)**

## **Section 2: Application Information**

A) We are filing this application (choose which applies):

- ☐ **Individually, on our own.**
- ☒ **Jointly with our electric utility.**

B) Our electric utility is: **Duke Energy**

C) We are offering to commit (choose which applies):

- ☐ **Energy savings from our energy efficiency program. (Complete Sections 3, 5, 6, and 7.)**
- ☐ **Demand reduction from our demand response/demand reduction program. (Complete Sections 4, 5, 6, and 7.)**
- ☒ **Both the energy savings and the demand reduction from our energy efficiency program. (Complete all sections of the Application.)**

### Section 3: Energy Efficiency Programs

A) Our energy efficiency program involves (choose whichever applies): **TBD, Applications received 6/21 and under review**

- ☐ Early replacement of fully functioning equipment with new equipment. (Provide the date on which you replaced your fully functioning equipment, and the date on which you would have replaced your equipment if you had not replaced it early. Please include a brief explanation for how you determined this future replacement date (or, if not known, please explain why this is not known)).
- ☐ Installation of new equipment to replace equipment that needed to be replaced We installed our new equipment on the following date(s):  
\_\_\_\_\_.
- ☐ Installation of new equipment for new construction or facility expansion. We installed our new equipment on the following date(s):  
\_\_\_\_\_.

B) Energy savings achieved/to be achieved by your energy efficiency program:

**TBD**

- a) If you checked the box indicating that your project involves the early replacement of fully functioning equipment replaced with new equipment, then calculate the annual savings [(kWh used by the original equipment) - (kWh used by new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: \_\_\_\_\_ kWh

- b) If you checked the box indicating that you installed new equipment to replace equipment that needed to be replaced, then calculate the annual savings [(kWh used by less efficient new equipment) - (kWh used by the higher efficiency new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: \_\_\_\_\_ kWh

Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.

- c) If you checked the box indicating that your project involves equipment for new construction or facility expansion, then calculate the annual savings

[(kWh used by less efficient new equipment) - (kWh used by higher efficiency new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: \_\_\_\_\_kWh

Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.

#### **Section 4: Demand Reduction/Demand Response Programs**

A) Our program involves (choose which applies): **TBD**

- ☒ **Coincident peak-demand savings from our energy efficiency program.**
- ☐ Actual peak-demand reduction. (Attach a description and documentation of the peak-demand reduction.)
- ☐ Potential peak-demand reduction (choose which applies):
  - Choose one or more of the following that applies:
    - ☐ Our peak-demand reduction program meets the requirements to be counted as a capacity resource under a tariff of a regional transmission organization (RTO) approved by the Federal Energy Regulatory Commission.
    - ☐ Our peak-demand reduction program meets the requirements to be counted as a capacity resource under a program that is equivalent to an RTO program, which has been approved by the Public Utilities Commission of Ohio.

B) What is the date your peak demand reduction program was initiated? **TBD**

C) What is the peak demand reduction achieved or capable of being achieved (show calculations through which this was determined): **TBD**

\_\_\_\_\_ kW

## **Section 5: Request for Cash Rebate Reasonable Arrangement (Option 1) or Exemption from Rider (Option 2)**

Under this section, check the box that applies and fill in all blanks relating to that choice.

Note: If Option 2 is selected, the application will not qualify for the 60-day automatic approval. All applications, however, will be considered on a timely basis by the Commission.

A) We are applying for:

☒ **Option 1: A cash rebate reasonable arrangement.**

OR

☐ **Option 2: An exemption from the cost recovery mechanism implemented by the electric utility.**

B) The value of the option that we are seeking is:

Option 1: A cash rebate reasonable arrangement, which is the lesser of (show both amounts):

☐ A cash rebate of \$ TBD. (Attach documentation showing the methodology used to determine the cash rebate value and calculations showing how this payment amount was determined.)

OR

☐ A cash rebate valued at no more than 50% of the total project cost, which is equal to \$\_\_\_\_\_. (Attach documentation and calculations showing how this payment amount was determined.)

Option 2: An exemption from payment of the electric utility's energy efficiency/peak demand reduction rider.

☐ An exemption from payment of the electric utility's energy efficiency/peak demand reduction rider for \_\_\_\_ months (not to exceed 24 months). (Attach calculations showing how this time period was determined.)

OR

- ☐ Ongoing exemption from payment of the electric utility's energy efficiency/peak demand reduction rider for an initial period of 24 months because this program is part of an ongoing efficiency program that is practiced by our organization. (Attach documentation that establishes your organization's ongoing efficiency program. In order to continue the exemption beyond the initial 24 month period your organization will need to provide a future application establishing additional energy savings and the continuance of the organization's energy efficiency program.)

### **Section 6: Cost Effectiveness**

The program is cost effective because it has a benefit/cost ratio greater than 1 using the (choose which applies):

- ☐ Total Resource Cost (TRC) Test. The calculated TRC value is: \_\_\_\_\_ (Continue to Subsection 1, then skip Subsection 2)
- ✓ Utility Cost Test (UCT) . The calculated UCT value is: TBD (Skip to Subsection 2.)

#### **Subsection 1: TRC Test Used (please fill in all blanks).**

The TRC value of the program is calculated by dividing the value of our avoided supply costs (capacity and energy) by the sum of our program costs and our electric utility's administrative costs to implement the program.

Our avoided supply costs were. \_\_\_\_\_.

Our program costs were \_\_\_\_\_.

The utility's administrative costs were \_\_\_\_\_.

#### **Subsection 2: UCT Used (please fill in all blanks).**

We calculated the UCT value of our program by dividing the value of our avoided supply costs (capacity and energy) by the costs to our electric utility (including administrative costs and incentives paid or rider exemption costs) to obtain our commitment.

Our avoided supply costs were TBD.

The utility's administrative costs were TBD.

The utility's incentive costs/rebate costs were TBD.

### **Section 7: Additional Information**

Please attach the following supporting documentation to this application:

- Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment.
- A copy of the formal declaration or agreement that commits your program to the electric utility, including:
  - 1) any confidentiality requirements associated with the agreement;
  - 2) a description of any consequences of noncompliance with the terms of the commitment;
  - 3) a description of coordination requirements between you and the electric utility with regard to peak demand reduction;
  - 4) permission by you to the electric utility and Commission staff and consultants to measure and verify energy savings and/or peak-demand reductions resulting from your program; and,
  - 5) a commitment by you to provide an annual report on your energy savings and electric utility peak-demand reductions achieved.
- A description of all methodologies, protocols, and practices used or proposed to be used in measuring and verifying program results. Additionally, identify and explain all deviations from any program measurement and verification guidelines that may be published by the Commission.

**Applicable documents to be submitted with final application.**

12-Month Billing History

55102216 01

LAKOTA LOCAL SCHOOLS  
8300 COX RD  
WEST CHESTER, OH 45069

Electric meter number 106841426

Date	Days	Read	Actual KWH	Bill KWH
6/15/2011	30	0	31,555	31,555
5/16/2011	32	0	32,493	32,493
4/14/2011	29	0	31,889	31,889
3/16/2011	29	0	31,934	31,934
2/15/2011	29	0	30,641	30,641
1/17/2011	34	0	30,857	30,857
12/14/2010	33	0	34,934	34,934
11/11/2010	29	0	32,622	32,622
10/13/2010	29	0	38,243	38,243
9/14/2010	32	0	44,729	44,729
8/13/2010	29	0	31,259	31,259
7/15/2010	30	0	31,865	31,865
			<b>Subtotal</b>	<b>403,021</b>

01202083 01

LAKOTA LOCAL SCHOOLS  
8300 COX RD  
WEST CHESTER, OH 45069

Electric meter number 104829459

Date	Days	Read	Actual KWH	Bill KWH
6/15/2011	30	0	21,984	21,984
5/16/2011	32	0	19,319	19,319
4/14/2011	29	0	25,131	25,131
3/16/2011	29	0	30,323	30,323
2/15/2011	29	0	43,998	43,998
1/17/2011	34	0	48,302	48,302
12/14/2010	33	0	35,058	35,058
11/11/2010	29	0	20,805	20,805
10/13/2010	29	0	24,166	24,166
9/14/2010	32	0	28,742	28,742
8/13/2010	29	0	14,960	14,960
7/15/2010	30	0	16,054	16,054
			<b>Subtotal</b>	<b>328,842</b>
			<b>Total</b>	<b>731,863</b>





# Public Utilities Commission

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Case No.: \_\_\_\_-\_\_\_\_-EL-EEC

State of \_\_\_\_\_:

CHRISTOPHER T. PASSEARÉ, Affiant, being duly sworn according to law, deposes and says that:

1. I am the duly authorized representative of:

LAKOTA LOCAL SCHOOL DISTRICT

[insert customer or EDU company name and any applicable name(s) doing business as]

2. I have personally examined all the information contained in the foregoing application, including any exhibits and attachments. Based upon my examination and inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete.
3. I am aware of fines and penalties which may be imposed under Ohio Revised Code Sections 2921.11, 2921.31, 4903.02, 4903.03, and 4903.99 for submitting false information.

Signature of Affiant & Title EXECUTIVE DIRECTOR BUSINESS OPERATIONS

Sworn and subscribed before me this 24 day of JUNE, 2011 Month/Year

C.L. McMonigle  
Signature of official administering oath

C.L. McMONIGLE, Notary  
Print Name and Title

My commission expires on APRIL 11, 2014

**C.L. McMONIGLE**  
Notary Public, State of Ohio  
My Commission Expires April 11, 2014