



# Public Utilities Commission

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

Case No.: 14-1987-EL-EEC

Mercantile Customer: Giant Eagle, Inc.

Electric Utility: Ohio Edison Company

Program Title or  
Description: First Energy Mercantile Energy Program

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 in accordance with the Commission's pilot program established in Case No. 10-834-EL-POR

Completed applications requesting the cash rebate reasonable arrangement option in lieu of an exemption from the electric utility's energy efficiency and demand reduction (EEDR) 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 EEDR rider for a period of up to 12 months will also qualify for the 60-day automatic approval. However, all applications requesting an exemption from the EEDR rider for longer than 12 months must provide additional information, as described within the Historical Mercantile Annual Report Template, that demonstrates additional energy savings and the continuance of the Customer's energy efficiency program. This information must be provided to the Commission at least 61 days prior to the termination of the initial 12 month exemption period to prevent interruptions in the exemption period.

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 altered or incomplete applications may result in a suspension of the automatic approval process or denial of the application.

Any confidential or trade secret information may be submitted to Staff on disc or via email at [ee-pdr@puc.state.oh.us](mailto:ee-pdr@puc.state.oh.us).

## Section 1: Mercantile Customer Information

Name: Giant Eagle, Inc.

Principal address: 101 Kappa Drive, Pittsburgh, PA 15238

Address of facility for which this energy efficiency program applies:

Name and telephone number for responses to questions: Antoinette Lichty 412-967-3649

Electricity use by the customer (check the box(es) that apply):

- ☒ The customer uses more than seven hundred thousand kilowatt hours per year at the above facility. (Please attach documentation.)
- ☐ The customer is part of a national account involving multiple facilities in one or more states. (Please attach documentation.)

## Section 2: Application Information

A) The customer is filing this application (choose which applies):

- ☐ Individually, without electric utility participation.
- ☒ Jointly with the electric utility.

B) The electric utility is: Ohio Edison Company

C) The customer is offering to commit (check any that apply):

- ☒ Energy savings from the customer's energy efficiency program. (Complete Sections 3, 5, 6, and 7.)
- ☐ Capacity savings from the customer's demand response/demand reduction program. (Complete Sections 4, 5, 6, and 7.)
- ☐ Both the energy savings and the capacity savings from the customer's energy efficiency program. (Complete all sections of the Application.)

### Section 3: Energy Efficiency Programs

A) The customer's energy efficiency program involves (check those that apply):

- ☒ Early replacement of fully functioning equipment with new equipment. (Provide the date on which the customer replaced fully functioning equipment, and the date on which the customer would have replaced such equipment if it had not been replaced early. Please include a brief explanation for how the customer determined this future replacement date (or, if not known, please explain why this is not known)). If Checked, Please see Exhibit 1 and Exhibit 2
- ☐ Installation of new equipment to replace failed equipment which has no useful life remaining. The customer installed new equipment on the following date(s): \_\_\_\_\_.
- ☐ Installation of new equipment for new construction or facility expansion. The customer installed new equipment on the following date(s): \_\_\_\_\_.
- ☐ Behavioral or operational improvement.

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

- 1) If you checked the box indicating that the 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: <sup>170,927</sup> ~~170,927~~ kWh

- 2) If you checked the box indicating that the customer installed new equipment to replace failed equipment which had no useful life remaining, then calculate the annual savings [(kWh used by new standard equipment) - (kWh used by the optional higher efficiency new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: \_ kWh

Please describe any less efficient new equipment that was rejected in favor of the more efficient new equipment. Please see Exhibit 1 if applicable

- 3) If you checked the box indicating that the project involves equipment for new construction or facility expansion, then calculate the annual savings [(kWh used by standard new equipment) - (kWh used by optional 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 was rejected in favor of the more efficient new equipment. Please see Exhibit 1 if applicable

- 4) If you checked the box indicating that the project involves behavioral or operational improvements, provide a description of how the annual savings were determined.

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

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

A) The customer's program involves (check the one that applies):

- ☐ This project does not include peak demand reduction savings.
- ☒ Coincident peak-demand savings from the customer's energy efficiency program.
- ☐ Actual peak-demand reduction. (Attach a description and documentation of the peak-demand reduction.)
- ☐ Potential peak-demand reduction (check the one that applies):
  - ☐ The customer's 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.
  - ☐ The customer's 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) On what date did the customer initiate its demand reduction program?

10/30/14

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

30  
~~20~~ total kW

**Section 5: Request for Cash Rebate Reasonable  
Arrangement, Exemption from Rider, or Commitment Payment**

Under this section, check all boxes that apply and fill in all corresponding blanks.

A) The customer is applying for:

- ☒ A cash rebate reasonable arrangement.
- ☐ An exemption from the energy efficiency cost recovery mechanism implemented by the electric utility.
- ☐ Commitment payment

B) The value of the option that the customer is seeking is:

A cash rebate reasonable arrangement.

- ☒ A cash rebate of \$<sup>6,496</sup>~~100,000~~. (Rebate shall not exceed 50% project cost. Attach documentation showing the methodology used to determine the cash rebate value and calculations showing how this payment amount was determined.)

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.)
- ☐ 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 the customer's ongoing efficiency program. (Attach documentation that establishes the ongoing nature of the program.) In order to continue the exemption beyond the initial 12 month period, the customer will need to complete, and file within this application, the Historical Mercantile Annual Report

Template to verify the projects energy savings are persistent.

- ☐ A commitment payment valued at no more than \$\_\_\_\_. (Attach documentation and calculations showing how this payment amount was determined.)

### 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: See Exhibit 3 (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 (generation capacity, energy, and any transmission or distribution) by the sum of our program overhead and installation costs and any incremental measure costs paid by either the customer or the electric utility.

The electric utility's avoided supply costs were \_\_\_\_\_.

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

The incremental measure 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 **See Exhibit 3**

The utility's program costs were **See Exhibit 3**

The utility's incentive costs/rebate costs were **See Exhibit 3**

**Section 7: Additional Information**

Please attach the following supporting documentation to this application:

- Narrative description of the 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 the program or measure 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 the customer and the electric utility with regard to peak demand reduction;
  - 4) permission by the customer 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 the customer 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.





# Public Utilities Commission

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

Case No.: 14-1987-EL-EEC

State of Ohio :

James Chickini, Affiant, being duly sworn according to law, deposes and says that:

1. I am the duly authorized representative of:

Giant Eagle, Inc.

[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.

James J. Chickini, VP Real Estate Leasing + Development  
Signature of Affiant & Title

Sworn and subscribed before me this 10<sup>th</sup> day of December, 2014 Month/Year

Daniel P. Bollinger  
Signature of official administering oath

Daniel P. Bollinger  
Print Name and Title

My commission expires on July 13<sup>th</sup> 2017

Customer Legal Entity Name: Giant Eagle Enterprises  
Site Address: Giant Eagle GetGo Macedonia #3299  
Principal Address: 265 East Highland Rd

Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Macedonia Lighting Retrofit #3299	We replaced the old T8 Case lights with LED Case Lights. The T8 and the T12s existing in the store are replaced by LED cree retrofitts and the sizing is corresponding ot the old fixture. In this project, 2x4, 1x4, 4' Strip and 8' Strip retrofitts are used	Please reference the Lighting Rebate Calculator Tool	Approx year 2016. In a few years the lights would have reached end of life,use more enrgy and would not produce the necessary light output ot suffice the requirements of the store.	N/A

Docket No. 14-1987  
Site: 265 East Highland Rd

## Exhibit 2

**Customer Legal Entity Name:** Giant Eagle Enterprises

**Site Address:** Giant Eagle GetGo Macedonia #3299

**Principal Address:** 265 East Highland Rd

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) <i>Note 1</i>
2012	92,078	92,078	92,078
<b>Average</b>	<b>92,078</b>	<b>92,078</b>	<b>92,078</b>

Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ <i>Note 2</i>
1	Macedonia Lighting Retrofit #3299	10/30/2014	\$19,500	\$9,750	12,718	12,718	2	\$636	\$477
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$19,500		12,718	12,718	2	\$636	\$477

Docket No. 14-1987

**Site:** 265 East Highland Rd

## Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs or 75% of \$0.08/kWh for custom programs for all energy savings eligible for a cash rebate as defined in the PUCO order in Case NO.10-834-EL-EEC dated 9/15/2010, not to exceed the lesser of 50% of the project cost or \$250,000 per project. The rebate also cannot exceed \$500,000 per customer per year, per utility service territory.

### Exhibit 3 Utility Cost Test

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoided Cost \$/MWh (B)	Utility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	13	\$ 308	\$ 3,921	\$ 506	\$477	\$127	\$ 1,110	3.5
<b>Total</b>	<b>13</b>	<b>\$ 308</b>	<b>3,921</b>	<b>506</b>	<b>\$477</b>	<b>\$127</b>	<b>1,110</b>	<b>3.5</b>

#### Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).
- (C) = (A) \* (B)
- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.
- (G) = (D) + (E) + (F)
- (H) = (C) / (G)

**Giant Eagle Enterprises ~ Giant Eagle GetGo Macedonia #3299**  
**Docket No. 14-1987**

**Site:** 265 East Highland Rd

# Lighting Form

## Lighting Inventory Form

Applicant Name: Chart Eagle Enterprises  
 Facility Name: Macedonia GetGo #3299  
 Date: 12/4/2014

Instructions: Please use one line for each fixture type in a room or area.  
 For existing or proposed control, choose OCC for Occupancy Sensor, DAYLIT for photosensor, or NONE for none. Controls must save energy to qualify.  
 The total of Column 5, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

PROJECT BASIC INFORMATION										PRE-INSTALLATION				POST-INSTALLATION				Energy Calculations														
Line Item	Building Address	Floor	Area Description	Interior or Exterior Fixture	Predominant Space Type	Area Cooling	Pre Fixture Qty	Pre Fixture Code	Pre Watts / Fixture (W)	Pre kW / Space (kW)	Existing Sensor Quantity When applicable	Post Fixture Qty	Post Fixture Code	Post Watts / Fixture (W)	Post kW / Space (kW)	Proposed Control Pre-estimate or NONE	Proposed Sensor Quantity When applicable	Interior Change in Connected Load (kW) including CFLs or Exit Signs	Exterior Change in Connected Load (kW) including CFLs or Exit Signs	Change in Connected Load (kW) or LED exit sign	Applicant Correction Factor (CF) Estimate	Coincidence Factor	Interactive Factor (demand)	Interactive Factor (energy)	Pre Correction Factor	Post Correction Factor	Demand Savings (kW)	Applicant Savings Full Load (kW) EPLM Estimate	Prescribed Equivalent Full Load Hours	Annual Interior Fixture kWh Saved (including CFLs or Exit Signs)		
6.9	400 North Street	2	Office Receptionist	Interior	Office - Small Receptionist - Fast Food	Cooled Space Uncooled Space	2	F40LL Example: Cut Sheet 1	112 50	0.54 0.25	NONE NONE	3	CF150T-8W Example: Cut Sheet 2	56 25	0.17 0.13	OCC DAY-TWO	3			0.13		0.17	84%	84%	34%	12%	30%	30%	0.19	2,868	3,435	4,168
1	265 East Highland Rd	1	Cooler	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE					NONE					100%	100%							6,205	6,205		
2	265 East Highland Rd	1	Ballroom	Interior	Other - Please estimate CF and EPLH	Cooled Space	6	F40LL	89	0.53	NONE	6	Cut Sheet 6	22	0.13	NONE		0.40			100%	100%	34%	12%			0.54	6,205	6,205	2,794		
3	265 East Highland Rd	1	Ball Room	Interior	Other - Please estimate CF and EPLH	Cooled Space	2	F40LL	146	0.68	NONE	2	Cut Sheet 11	22	0.04	NONE		0.26			100%	100%	34%	12%			0.81	6,205	6,205	1,710		
4	265 East Highland Rd	1	Ball Room	Interior	Other - Please estimate CF and EPLH	Cooled Space	6	F40LL	146	0.67	NONE	6	Cut Sheet 12	22	0.13	NONE		0.74			100%	100%	34%	12%			0.89	6,205	6,205	6,129		
5	265 East Highland Rd	1	Ball Room	Interior	Other - Please estimate CF and EPLH	Cooled Space	1	F40LL	59	0.26	NONE	1	Cut sheet 5	22	0.02	NONE		0.04			100%	100%	34%	12%			0.05	6,205	6,205	267		
6	265 East Highland Rd	1	Ballroom	Interior	Other - Please estimate CF and EPLH	Cooled Space	2	F40LL	59	0.12	NONE	2	Cut sheet 5	22	0.04	NONE		0.07			100%	100%	34%	12%			0.10	6,205	6,205	514		
7	265 East Highland Rd	1	Ballroom	Interior	Other - Please estimate CF and EPLH	Cooled Space	2	F40LL	59	0.12	NONE	2	Cut Sheet 10	22	0.04	NONE		0.07			100%	100%	34%	12%			0.10	6,205	6,205	514		
8	265 East Highland Rd	1	Ballroom	Interior	Other - Please estimate CF and EPLH	Cooled Space	2	F40LL	59	0.12	NONE	2	Cut Sheet 10	22	0.04	NONE		0.07			100%	100%	34%	12%			0.10	6,205	6,205	514		
9	265 East Highland Rd	1	Ballroom	Interior	Other - Please estimate CF and EPLH	Cooled Space	2	F40LL	59	0.12	NONE	2	Cut Sheet 10	22	0.04	NONE		0.07			100%	100%	34%	12%			0.10	6,205	6,205	514		
10	265 East Highland Rd	1	Ballroom	Interior	Other - Please estimate CF and EPLH	Cooled Space	2	F40LL	59	0.12	NONE	2	Cut Sheet 10	22	0.04	NONE		0.07			100%	100%	34%	12%			0.10	6,205	6,205	514		
11	265 East Highland Rd	1	Ballroom	Interior	Other - Please estimate CF and EPLH	Cooled Space	2	F40LL	59	0.12	NONE	2	Cut Sheet 10	22	0.04	NONE		0.07			100%	100%	34%	12%			0.10	6,205	6,205	514		
12	265 East Highland Rd	1	Ballroom	Interior	Other - Please estimate CF and EPLH	Cooled Space	2	F40LL	59	0.12	NONE	2	Cut Sheet 10	22	0.04	NONE		0.07			100%	100%	34%	12%			0.10	6,205	6,205	514		
13	265 East Highland Rd	1	Office	Interior	Other - Please estimate CF and EPLH	Cooled Space	4	F40LL	59	0.34	NONE	4	Cut Sheet 10	22	0.09	NONE		0.16			100%	100%	34%	12%			0.20	6,205	6,205	1,029		
14	265 East Highland Rd	1	Ball Storage	Interior	Other - Please estimate CF and EPLH	Cooled Space	2	F40LL	59	0.12	NONE	2	Cut Sheet 10	22	0.04	NONE		0.07			100%	100%	34%	12%			0.05	6,205	6,205	514		
15	265 East Highland Rd	1	Storage	Interior	Other - Please estimate CF and EPLH	Cooled Space	1	F40LL	59	0.26	NONE	1	Cut Sheet 5	22	0.02	NONE		0.04			100%	100%	34%	12%			0.05	6,205	6,205	267		
16											NONE					NONE					100%								6,205			
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56											NONE					NONE					100%								6,205			
57											NONE					NONE																

## Lighting Form

[illegible]

## Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	12,718
Total Change in Connected Load	1.83

Annual Estimated Cost Savings	\$1,271.80
Annual Operating Hours	6,205

Interior Lighting Incentive @ \$0.05/kWh (excluding CFLs, sensors, or LED exit signs)	\$635.90
Exterior Lighting Incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all CFLs, both interior and exterior)	\$0.00
Total LED Exit Incentive @ \$10/exit sign	\$0.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$635.90
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Total Fixture Quantity excluding CFLs and LED Exit Sign	26
Total Lamp Quantity for Screw-In CFLs	0
Total Lamp Quantity for Hard-Wired CFLs	0
Total Fixture Quantity for LED Exit Signs	0
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) for facility type "Other" indicated on the Lighting Form tab

Demand Savings (For Internal Use Only)	2.45
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Customer Legal Entity Name: Giant Eagle Enterprises  
Site Address: Giant Eagle GetGo Medina #3389  
Principal Address: 302 Court St

Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Medina Lighting Retrofit #3389	CREE LED retrofits replace the existing T8s. This includes the T8 wraps, T8 strips, and T8 troffers. 8ft kits are used when necessary.	See Lighting Rebate Calculator doc	The old fixtures were expected to last approximately 2 more years. Due to the expected annual hourly usage for these lights, they would have been sufficient for another 24 months or so. After that, the outut of lumens would be questionably acceptable for the standards needed for the store.	N/A

Docket No. 14-1987  
Site: 302 Court St



## Exhibit 2

**Customer Legal Entity Name:** Giant Eagle Enterprises  
**Site Address:** Giant Eagle GetGo Medina #3389  
**Principal Address:** 302 Court St

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C) <i>Note 1</i>
2012	119,040	119,040	119,040
<b>Average</b>	<b>119,040</b>	<b>119,040</b>	<b>119,040</b>

Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ <i>Note 2</i>
1	Medina Lighting Retrofit #3389	10/30/2014	\$19,500	\$9,750	23,394	23,394	3	\$1,170	\$878
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
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	Total		\$19,500		23,394	23,394	3	\$1,170	\$878

**Docket No.** 14-1987  
**Site:** 302 Court St

## Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs or 75% of \$0.08/kWh for custom programs for all energy savings eligible for a cash rebate as defined in the PUCO order in Case NO.10-834-EL-EEC dated 9/15/2010, not to exceed the lesser of 50% of the project cost or \$250,000 per project. The rebate also cannot exceed \$500,000 per customer per year, per utility service territory.

### Exhibit 3 Utility Cost Test

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoided Cost \$/MWh (B)	Utility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	23	\$ 308	\$ 7,212	\$ 506	\$878	\$234	\$ 1,617	4.5
<b>Total</b>	<b>23</b>	<b>\$ 308</b>	<b>7,212</b>	<b>506</b>	<b>\$878</b>	<b>\$234</b>	<b>1,617</b>	<b>4.5</b>

#### Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).
- (C) = (A) \* (B)
- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.
- (G) = (D) + (E) + (F)
- (H) = (C) / (G)

**Giant Eagle Enterprises ~ Giant Eagle GetGo Medina #3389**  
**Docket No. 14-1987**

**Site:** 302 Court St

## Lighting Form

## Lighting Inventory Form

Applicant Name: \_\_\_\_\_

Facility Name: \_\_\_\_\_

Date: \_\_\_\_\_

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLTG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

[illegible]

## Lighting Form

[illegible]

## Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	23,394
Total Change in Connected Load	3.00

Annual Estimated Cost Savings	\$2,339.40
Annual Operating Hours	6,205

Interior Lighting Incentive @ \$0.05/kWh (excluding CFLs, sensors, or LED exit signs)	\$1,169.70
Exterior Lighting Incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all CFLs, both interior and exterior)	\$0.00
Total LED Exit Incentive @ \$10/exit sign	\$0.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$1,169.70
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Total Fixture Quantity excluding CFLs and LED Exit Sign	25
Total Lamp Quantity for Screw-In CFLs	0
Total Lamp Quantity for Hard-Wired CFLs	0
Total Fixture Quantity for LED Exit Signs	0
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) for facility type "Other" indicated on the Lighting Form tab

Demand Savings (For Internal Use Only)	3.90
--	------

Customer Legal Entity Name: Giant Eagle Enterprises

Site Address: Giant Eagle GetGo North Ridgeville #3199

Principal Address: 34179 Center Ridge Rd

Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	North Ridgeville Lighting Retrofit #3199	The T8 Case Light is replaced by an LED Case Light. The other existing fixtures are all T8 troffers and wraps. These are replaced by the Cree LED retrofits corresponding to size (1x4, 2x4, 4' Strip, 8' strip). Also an occupancy sensor is used in one of the areas of the store where it is appropriate for placement.	Please reference the Lighting Rebate Calculator Tool	The operational improvements are for longevity and efficiency. With the occupancy sensors, the usage of energy for lighting will be reduced when the area is not being used while not taking away the need for lights in the area. Also, the newly installed LED lighting will last and be efficient and sufficient lighting for the next 8-10 years	N/A

## Exhibit 2

**Customer Legal Entity Name:** Giant Eagle Enterprises

**Site Address:** Giant Eagle GetGo North Ridgeville #3199

**Principal Address:** 34179 Center Ridge Rd

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) <i>Note 1</i>
2012	114,670	114,670	114,670
<b>Average</b>	<b>114,670</b>	<b>114,670</b>	<b>114,670</b>

Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ <i>Note 2</i>
1	North Ridgeville Lighting Retrofit #3199	10/30/2014	\$11,500	\$5,750	11,219	11,219	2	\$561	\$421
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$11,500		11,219	11,219	2	\$561	\$421

Docket No. 14-1987

**Site:** 34179 Center Ridge Rd

## Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs or 75% of \$0.08/kWh for custom programs for all energy savings eligible for a cash rebate as defined in the PUCO order in Case NO.10-834-EL-EEC dated 9/15/2010, not to exceed the lesser of 50% of the project cost or \$250,000 per project. The rebate also cannot exceed \$500,000 per customer per year, per utility service territory.

### Exhibit 3 Utility Cost Test

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoided Cost \$/MWh (B)	Utility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	11	\$ 308	\$ 3,459	\$ 506	\$421	\$112	\$ 1,039	3.3
<b>Total</b>	<b>11</b>	<b>\$ 308</b>	<b>3,459</b>	<b>506</b>	<b>\$421</b>	<b>\$112</b>	<b>1,039</b>	<b>3.3</b>

#### Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).
- (C) = (A) \* (B)
- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.
- (G) = (D) + (E) + (F)
- (H) = (C) / (G)

**Giant Eagle Enterprises ~ Giant Eagle GetGo North Ridgeville #3199**  
**Docket No. 14-1987**

**Site:** 34179 Center Ridge Rd



## Lighting Form

## Lighting Inventory Form

Applicant Name:	Giant Eagle Enterprises
Facility Name:	North Ridgeville #3199
Date:	12/5/2014

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLTG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

PROJECT BASIC INFORMATION							PRE-INSTALLATION						POST-INSTALLATION						Energy Calculations												
Line Item	Building Address	Floor	Area Description	Interior or Exterior Features	Predominant Space Type	Area Cooling	Pre Fixture Qty	Pre Fixture Code	Pre Watts / Fixture (W)	Pre kW / Space (kW)	Existing Sensor Quantity <i>(where appropriate)</i>	Existing Fixture Qty	Post Fixture Code	Post Watts / Fixture (W)	Post kW / Space (kW)	Proposed Sensor Quantity <i>(where appropriate)</i>	Proposed Fixture Qty	Interior Change In Connected Load (kW) including CFLs or Exit Signs	Exterior Change In Connected Load (kW) including CFLs or Exit Signs	Change In Connected Load (kW) at LED exit sign	Applicant's Coincidence Factor (CF) Estimate	Coincidence Factor	Interactive Factor (demand)	Interactive Factor (energy)	Pre Controls Factor	Post Controls Factor	Demand Savings (kW)	Applicant's Equivalent Full Load Hours (EFLH) Estimate	Prescribed Equivalent Full Load Hours	Annual Interior Fixture kWh Saved (excluding CFLs or Exit Signs)	
a.g.	400 North Street Lowville	2	Office Receptionist	Interior	Other - Small Restaurant - Fast Food	Cooled Space Uncooled Space	2	F48LL	112	0.94	NONE	0	CP750V-BN Example: Cut Sheet 1	68	0.17	NONE	2	0.13	0.17	0.13	84%	84%	34%	25%	30%	30%	0.19	2,608	6,408	3,799	
1	M179 Center Ridge Road	1	Coder	interior	Other - Phase estimate CF and EFLH	Medium-temperature refrigerated space	9	Cut Sheet 2	70	0.63	NONE	0	Cut sheet 4	15	0.14	NONE	0	0.49				100%	100%	25%	25%			0.63	6,205	6,205	3,933
2	M179 Center Ridge Road	1	Sales	interior	Other - Phase estimate CF and EFLH	Cooled Space	13	F42LL	59	0.77	NONE	13	Cut Sheet 5	22	0.29	NONE	0	0.48				100%	100%	34%	12%			0.64	6,205	6,205	3,343
3	M179 Center Ridge Road	1	Bedroom	interior	Other - Phase estimate CF and EFLH	Cooled Space	1	F42LL	59	0.06	NONE	1	Cut Sheet 10	22	0.02	NONE	0	0.04				100%	100%	34%	12%			0.06	6,205	6,205	297
4	M179 Center Ridge Road	1	Service	interior	Other - Phase estimate CF and EFLH	Cooled Space	2	F43LL	89	0.18	NONE	2	Cut sheet 6	22	0.04	NONE	0	0.13				100%	100%	34%	12%			0.18	6,205	6,205	901
5	M179 Center Ridge Road	1	Office	interior	Other - Phase estimate CF and EFLH	Cooled Space	1	F43LL	89	0.09	NONE	1	Cut Sheet 6	22	0.02	NONE	0	0.07				100%	100%	34%	12%			0.09	6,205	6,205	466
6	M179 Center Ridge Road	1	Beverage Cabin	interior	Other - Phase estimate CF and EFLH	Medium-temperature refrigerated space	2	F41LL	51	0.06	NONE	2	Cut Sheet 10	22	0.04	NONE	0	0.02				100%	100%	25%	25%			0.02	6,205	6,205	144
7	M179 Center Ridge Road	1	Back Storage	interior	Other - Phase estimate CF and EFLH	Medium-temperature refrigerated space	4	F43LL	89	0.36	NONE	4	Cut sheet 6	22	0.09	NONE	0	0.27				100%	100%	25%	25%			0.35	6,205	6,205	2,145
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## Lighting Form

PROJECT BASIC INFORMATION						PRE-INSTALLATION				POST-INSTALLATION				Energy Calculations																		
Line Item	Building Address	Floor	Area Description	Interior or Exterior Features	Predominant Space Type	Area Cooling	Pre Fixture Qty	Pre Fixture Code	Pre Watts / Fixture (W)	Pre kW / Space (kW)	Existing Control (none specified)	Existing Sensor Quantity (none specified)	Post Fixture Qty	Post Fixture Code	Post Watts / Fixture (W)	Post kW / Space (kW)	Proposed Sensor (none specified)	Proposed Sensor Quantity (none specified)	Interior Change in Connected Load (W) excluding CFLs or Exit Signs	Exterior Change in Connected Load (W) excluding CFLs or Exit Signs	Change in Connected Load (W) or LED exit sign	Applicant Calculations Factor (CF) Estimate	Coincidence Factor	Interactive Factor (demand)	Interactive Factor (energy)	Pre Controls Factor	Post Controls Factor	Demand Savings (kW)	Applicant Equivalent Full Load Hours (EFLH) Estimate	Prescribed Equivalent Full Load Hours	Annual Interior Fixture kWh Saved (excluding CFLs or Exit Signs)	
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## Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	11,219
Total Change in Connected Load	1.50

Annual Estimated Cost Savings	\$1,121.90
Annual Operating Hours	6,205

Interior Lighting Incentive @ \$0.05/kWh (excluding CFLs, sensors, or LED exit signs)	\$560.95
Exterior Lighting Incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all CFLs, both interior and exterior)	\$0.00
Total LED Exit Incentive @ \$10/exit sign	\$0.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$560.95
----------------------------	----------

Total Fixture Quantity excluding CFLs and LED Exit Sign	32
Total Lamp Quantity for Screw-In CFLs	0
Total Lamp Quantity for Hard-Wired CFLs	0
Total Fixture Quantity for LED Exit Signs	0
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) for facility type "Other" indicated on the Lighting Form tab

Demand Savings (For Internal Use Only)	1.97
--	------

Customer Legal Entity Name: Giant Eagle Enterprises  
Site Address: Giant Eagle GetGo Sheffield Village  
Principal Address: 4660 Abbe Rd

Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Sheffield Lake Lgihting Retrofit #3231	We replaced all the old lighting with CREE LED retrofits and equivilents. Including the 1x4 and 2x4 retrofit kits, 4' strip retrofit (both regular and vaportight), and in a few instances there were Satco A19 lamps installed. Also, there were 6' LED case lights used in the beverage cooler	Please reference the Lighting Rebate Calculator Tool	There are T8 Case Lights replaced by LED Case Lights (GE). Also the T8 and T12 fixutres in the store are replaced by the 1x4, 2x4 and vaportight LED retrofits. The vaportight fixture also has an occupancy sensor installed.	N/A

Docket No. 14-1987  
Site: 4660 Abbe Rd

## Exhibit 2

**Customer Legal Entity Name:** Giant Eagle Enterprises  
**Site Address:** Giant Eagle GetGo Sheffield Village  
**Principal Address:** 4660 Abbe Rd

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C) <i>Note 1</i>
2012	145,768	145,768	145,768
<b>Average</b>	<b>145,768</b>	<b>145,768</b>	<b>145,768</b>

Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ <i>Note 2</i>
1	Sheffield Lake Lgihting Retrofit #3231	10/30/2014	\$19,500	\$9,750	13,518	13,518	2	\$696	\$522
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$19,500		13,518	13,518	2	\$696	\$522

**Docket No.** 14-1987  
**Site:** 4660 Abbe Rd

## Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs or 75% of \$0.08/kWh for custom programs for all energy savings eligible for a cash rebate as defined in the PUCO order in Case NO.10-834-EL-EEC dated 9/15/2010, not to exceed the lesser of 50% of the project cost or \$250,000 per project. The rebate also cannot exceed \$500,000 per customer per year, per utility service territory.

### Exhibit 3 Utility Cost Test

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoided Cost \$/MWh (B)	Utility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	14	\$ 308	\$ 4,167	\$ 506	\$522	\$135	\$ 1,163	3.6
<b>Total</b>	<b>14</b>	<b>\$ 308</b>	<b>4,167</b>	<b>506</b>	<b>\$522</b>	<b>\$135</b>	<b>1,163</b>	<b>3.6</b>

#### Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).
- (C) = (A) \* (B)
- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.
- (G) = (D) + (E) + (F)
- (H) = (C) / (G)

**Giant Eagle Enterprises ~ Giant Eagle GetGo Sheffield Village**  
**Docket No. 14-1987**

**Site:** 4660 Abbe Rd

# Lighting Form

## Lighting Inventory Form

Applicant Name: Grant Eagle Enterprises  
Facility Name: Sheffield Village #5231  
Date: 12/5/2014

Instructions: Please use one line for each fixture type in a room or area.  
For existing or proposed control, choose OCC for Occupancy Sensor, DAYLIT for photosensor, or NONE for none. Controls must save energy to qualify.  
The total of Column 5, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

PROJECT BASIC INFORMATION						PRE-INSTALLATION						POST-INSTALLATION						Energy Calculations															
Line Item	Building Address	Floor	Area Description	Interior or Exterior Fixture	Predominant Space Type	Area Cooling	Pre Fixture Qty	Pre Fixture Code	Pre Watts / Fixture (W)	Pre kW / Space (kW)	Existing Control When applicable	Existing Sensor Quantity When applicable	Post Fixture Qty	Post Fixture Code	Post Watts / Fixture (W)	Post kW / Space (kW)	Proposed Control (if not OCC or LED)	Proposed Sensor Quantity When applicable	Interior Change in Connected Load (kW) excluding CFLs or Exit Signs	Exterior Change in Connected Load (kW) including CFLs or Exit Signs	Change in Connected Load (kW) or LED exit sign	Applicant Coincidence Factor Estimate	Coincidence Factor	Interactive Factor (demand)	Interactive Factor (energy)	Pre Controls Factor	Post Controls Factor	Demand Savings (kW)	Applicant Savings Full Load Hours EPLM Estimate	Prescribed Equivalent Full Load Hours	Annual Interior Fixture kWh Saved (including CFLs or Exit Signs)		
6.0	400 North Street	2	Office	Interior	Office - Small	Cooled Space	3	F48LL	112	0.34	NONE		3	CF150T-8W	56	0.17	OCC	3															
6.2	Example	1	Restaurant	Exterior	Restaurant - Fast Food	Uncooled space	5	Example Cut Sheet 1	50	0.25	OCC	5	5	Example Cut Sheet 2	25	0.13	DAYTIME	5															
1	4660 N Abbe Rd	1	Lobby	Interior	Other - Please estimate CF and EPLM	Medium temperature refrigerated space	8	Cut Sheet 2	70	0.06	NONE		8	Cut Sheet 4	15	0.12	NONE		0.44			100%	100%	29%	29%			0.58	6,205	6,205	1,406		
2	4661 N Abbe Rd	1	Sales	Interior	Other - Please estimate CF and EPLM	Cooled Space	13	F42LL	59	0.77	NONE		13	Cut Sheet 4	15	0.20	NONE		0.57			100%	100%	34%	12%			0.76	6,205	6,205	3,939		
3	4662 N Abbe Rd	1	Service Desk	Interior	Other - Please estimate CF and EPLM	Cooled Space	2	F43LL	89	0.18	NONE		2	Cut Sheet 6	22	0.04	NONE		0.13			100%	100%	34%	12%			0.18	6,205	6,205	931		
4	4663 N Abbe Rd	1	Office	Interior	Other - Please estimate CF and EPLM	Cooled Space	2	F43LL	89	0.18	NONE		2	Cut Sheet 6	22	0.04	NONE					100%	100%	34%	12%								
5	4665 N Abbe Rd	1	Beverage Case	Interior	Other - Please estimate CF and EPLM	Medium temperature refrigerated space	2	F42BHS	145	0.29	NONE		2	Cut Sheet 8	22	0.04	OCC	1	0.25			100%	100%	29%	29%	30%	30%	0.32	6,205	6,205	1,969		
6	4665 N Abbe Rd	1	Back Storage	Interior	Other - Please estimate CF and EPLM	Medium temperature refrigerated space	4	F43LL	89	0.36	NONE		4	Cut Sheet 6	22	0.09	NONE		0.27			100%	100%	29%	29%			0.35	6,205	6,205	2,145		
7		1									NONE						NONE					100%											
8		1									NONE						NONE					100%											
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## Lighting Form

PROJECT BASIC INFORMATION										PRE-INSTALLATION				POST-INSTALLATION				Energy Calculations														
Line Item	Building Address	Floor	Area Description	Interior or Exterior Fixtures	Predominant Space Type	Area Coding	Pre Fixture Qty	Pre Fixture Code	Pre Watts / Fixture (W)	Pre kW / Source (kW)	Existing Control (Press on or off)	Existing Sensor Quantity (After Adjustment)	Post Fixture Qty	Post Fixture Code	Post Watts / Fixture (W)	Post kW / Source (kW)	Proposed Control (Press on or off)	Proposed Sensor Quantity (After Adjustment)	Interior Change in Connected Load (kW) including CFLs or Exit Signs	Exterior Change in Connected Load (kW) including CFLs or Exit Signs	Change in Connected Load (kW) LED exit sign	Applicant's Conclusions Factor (CF) Estimate	Coincidence Factor	Interactive Factor (demand)	Interactive Factor (energy)	Pre Correction Factor	Post Correction Factor	Demand Savings (kW)	Applicant's Equivalent Full Load Hours (EFLH) Estimate	Prescribed Equivalent Full Load Hours	Annual Interior Fixture kWh (excluding CFLs or Exit Signs)	
129											NONE						NONE															
130											NONE						NONE															
141											NONE						NONE															
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164											NONE						NONE															



## Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	13,518
Total Change in Connected Load	1.79

Annual Estimated Cost Savings	\$1,351.80
Annual Operating Hours	6,205

Interior Lighting Incentive @ \$0.05/kWh (excluding CFLs, sensors, or LED exit signs)	\$670.60
Exterior Lighting Incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all CFLs, both interior and exterior)	\$0.00
Total LED Exit Incentive @ \$10/exit sign	\$0.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$25.00

Total Calculated Incentive	\$695.60
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Total Fixture Quantity excluding CFLs and LED Exit Sign	31
Total Lamp Quantity for Screw-In CFLs	0
Total Lamp Quantity for Hard-Wired CFLs	0
Total Fixture Quantity for LED Exit Signs	0
Total Quantity for Occupancy Sensors	1
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) for facility type "Other" indicated on the Lighting Form tab

Demand Savings (For Internal Use Only)	2.35
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Customer Legal Entity Name: Giant Eagle Enterprises  
Site Address: Giant Eagle GetGo Stow #3396  
Principal Address: 3845 Darrow Dr

Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Stow Lighting Retrofit #3396	We replaced all the case lighting with LED Case Lights by GE. The T8 fixtures were replaced by LED CREE retrofits that are 2x4. The existing fixtures were just 3 lamp and 2 lamp T8 fixtures.	Please see lighting rebate calculator tool	The old fixtures were expected to last approximately 2 more years. Due to the expected annual hourly usage for these lights, they would have been sufficient for another 24 months or so. After that, the outut of lumens would be questionably acceptable for the standards needed for the store.	N/A

Docket No. 14-1987  
Site: 3845 Darrow Dr

## Exhibit 2

**Customer Legal Entity Name:** Giant Eagle Enterprises

**Site Address:** Giant Eagle GetGo Stow #3396

**Principal Address:** 3845 Darrow Dr

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) <i>Note 1</i>
2012	181,025	181,025	181,025
<b>Average</b>	<b>181,025</b>	<b>181,025</b>	<b>181,025</b>

Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ <i>Note 2</i>
1	Stow Lighting Retrofit #3396	10/30/2014	\$12,500	\$6,250	15,265	15,265	4	\$763	\$572
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$12,500		15,265	15,265	4	\$763	\$572

Docket No. 14-1987

**Site:** 3845 Darrow Dr

## Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs or 75% of \$0.08/kWh for custom programs for all energy savings eligible for a cash rebate as defined in the PUCO order in Case NO.10-834-EL-EEC dated 9/15/2010, not to exceed the lesser of 50% of the project cost or \$250,000 per project. The rebate also cannot exceed \$500,000 per customer per year, per utility service territory.

### Exhibit 3 Utility Cost Test

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoided Cost \$/MWh (B)	Utility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	15	\$ 308	\$ 4,706	\$ 506	\$572	\$153	\$ 1,231	3.8
<b>Total</b>	<b>15</b>	<b>\$ 308</b>	<b>4,706</b>	<b>506</b>	<b>\$572</b>	<b>\$153</b>	<b>1,231</b>	<b>3.8</b>

#### Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).
- (C) = (A) \* (B)
- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.
- (G) = (D) + (E) + (F)
- (H) = (C) / (G)

**Giant Eagle Enterprises ~ Giant Eagle GetGo Stow #3396**  
**Docket No. 14-1987**

**Site:** 3845 Darrow Dr

## Lighting Form

## Lighting Inventory Form

Applicant Name: \_\_\_\_\_

Facility Name: \_\_\_\_\_

Date: \_\_\_\_\_

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLTG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

[illegible]

## Lighting Form

Line Item	Building Address	Floor	PROJECT BASIC INFORMATION				PRE-INSTALLATION					POST-INSTALLATION					Energy Calculations												
			Area Description	Interior or Exterior Feature	Predominant Space Type	Area Coding	Pre Fixture Qty	Pre Fixture Code	Pre Watts / Fixture (W)	Pre kW / Fixture (kW)	Existing Sensor Quantity (where applicable)	Post Fixture Qty	Post Fixture Code	Post Watts / Fixture (W)	Post kW / Fixture (kW)	Proposed Sensor Quantity (where applicable)	Interior Change in Connected Load (W) excluding CFLs or Exit Signs	Exterior Change in Connected Load (W) excluding CFLs or Exit Signs	Change in Connected Load (W) or LED exit sign	Applicant Calculation Factor (CF) Estimate	Coincidence Factor	Interactive Factor (demand)	Interactive Factor (margin)	Pre Controls Factor	Post Controls Factor	Demand Savings (kW)	Applicant Equivalent Full Load Hours (EFLH) Estimate	Prescribed Equivalent Full Load Hours	Annual Interior Fixture With Ballast (excluding CFLs or Exit Signs)
129										NONE					NONE														
140										NONE					NONE														
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## Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	15,265
Total Change in Connected Load	2.17

Annual Estimated Cost Savings	\$1,526.50
Annual Operating Hours	6,205

Interior Lighting Incentive @ \$0.05/kWh (excluding CFLs, sensors, or LED exit signs)	\$763.25
Exterior Lighting Incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all CFLs, both interior and exterior)	\$0.00
Total LED Exit Incentive @ \$10/exit sign	\$0.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$0.00

Total Calculated Incentive	\$763.25
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Total Fixture Quantity excluding CFLs and LED Exit Sign	49
Total Lamp Quantity for Screw-In CFLs	0
Total Lamp Quantity for Hard-Wired CFLs	0
Total Fixture Quantity for LED Exit Signs	0
Total Quantity for Occupancy Sensors	0
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) for facility type "Other" indicated on the Lighting Form tab

Demand Savings (For Internal Use Only)	2.91
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Customer Legal Entity Name: Giant Eagle Enterprises  
Site Address: Giant Eagle GetGo Streetsboro #3359  
Principal Address: 9075 Ohio 43

Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Streetsboro Lighting Retrofit #3359	We replaced the T8 case lighting with LED caselighting. Also, the T8 troffers and Wraps were replaced by the respective Cree LED retrofits	Please reference the Lighting Rebate Calculator Tool	Approx year 2016. In a few years the lights would have reached end of life,use more enrgy and would not produce the necessary light output ot suffice the requirements of the store.	N/A

Docket No. 14-1987  
Site: 9075 Ohio 43



## Exhibit 2

**Customer Legal Entity Name:** Giant Eagle Enterprises

**Site Address:** Giant Eagle GetGo Streetsboro #3359

Principal Address: 9075 Ohio 43

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) <i>Note 1</i>
2012	174,910	174,910	174,910
<b>Average</b>	<b>174,910</b>	<b>174,910</b>	<b>174,910</b>

Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ <i>Note 2</i>
1	Streetsboro Lighting Retrofit #3359	10/30/2014	\$1,250	\$625	9,908	9,908	2	\$511	\$383
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$1,250		9,908	9,908	2	\$511	\$383

Docket No. 14-1987

**Site:** 9075 Ohio 43

## Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs or 75% of \$0.08/kWh for custom programs for all energy savings eligible for a cash rebate as defined in the PUCO order in Case NO.10-834-EL-EEC dated 9/15/2010, not to exceed the lesser of 50% of the project cost or \$250,000 per project. The rebate also cannot exceed \$500,000 per customer per year, per utility service territory.

### Exhibit 3 Utility Cost Test

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoided Cost \$/MWh (B)	Utility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	10	\$ 308	\$ 3,054	\$ 506	\$383	\$99	\$ 988	3.1
<b>Total</b>	<b>10</b>	<b>\$ 308</b>	<b>3,054</b>	<b>506</b>	<b>\$383</b>	<b>\$99</b>	<b>988</b>	<b>3.1</b>

#### Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).
- (C) = (A) \* (B)
- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.
- (G) = (D) + (E) + (F)
- (H) = (C) / (G)

**Giant Eagle Enterprises ~ Giant Eagle GetGo Streetsboro #3359**  
**Docket No. 14-1987**

**Site:** 9075 Ohio 43

# Lighting Form

## Lighting Inventory Form

Applicant Name: Grant Eagle Enterprises  
Facility Name: Streetsboro #3359  
Date: 12/5/2014

Instructions: Please use one line for each fixture type in a room or area.  
For existing or proposed control, choose OCC for Occupancy Sensor, DAYLIT for photosensor, or NONE for none. Controls must save energy to qualify.  
The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

PROJECT BASIC INFORMATION										PRE-INSTALLATION				POST-INSTALLATION										Energy Calculations									
Line Item	Building Address	Floor	Area Description	Interior or Exterior Fixture	Predominant Space Type	Area Cooling	Pre Fixture Qty	Pre Fixture Code	Pre Watts / Fixture (W)	Pre kW / Space (kW)	Existing Sensor Quantity When applicable	Existing Sensor Quantity	Post Fixture Qty	Post Fixture Code	Post Watts / Fixture (W)	Post kW / Space (kW)	Proposed Sensor Pre-estimate or NONE	Proposed Sensor Quantity When applicable	Interior Change in Connected Load (kW) excluding CFLs or Exit Signs	Exterior Change in Connected Load (kW) including CFLs or Exit Signs	Change in Connected Load (kW) or LED exit sign	Applicant Control Factor (%)	Coincidence Factor	Interactive Factor (demand)	Interactive Factor (energy)	Pre Controls Factor	Post Controls Factor	Demand Savings (kW)	Applicant Savings Full Load (EPLH) Estimate	Prescribed Equivalent Full Load Hours	Annual Interior Fixture kWh Saved (including CFLs or Exit Signs)		
6.0	400 North Street	2	Office	Interior	Office - Small	Cooled Space	3	F48LL	715	0.34	NONE		3	CF150T-8W	56	0.17	OCC	3			0.17	64%	64%	34%	12%		30%	0.19	2,868	3,435			
6.2	Exterior	1	Restaurant	Exterior	Restaurant - Full Food	Uncooled space	5	F150	50	0.23	NONE	5	5	Exterior Cut Sheet 1	25	0.13	OCC	5			0.13			34%	12%	30%	30%	0.19	2,868	3,435			
7	9075 Ohio 43	1	Lobby	Interior	Other - Please estimate CF and EPLH	Cooled Space	9	Cut Sheet 2	70	0.63	NONE		9	Cut Sheet 4	15	0.14	NONE		0.45			100%	100%	34%	12%			0.09	6,205	6,205	1,416		
2	9075 Ohio 43	1	Salon	Interior	Other - Please estimate CF and EPLH	Cooled Space	13	F42LL	59	0.77	NONE		13	Cut Sheet 5	22	0.29	NONE		0.46			100%	100%	34%	12%			0.64	6,205	6,205	3,343		
3	9075 Ohio 43	1	Salon	Interior	Other - Please estimate CF and EPLH	Cooled Space	2	F42LL	89	0.16	NONE		2	Cut Sheet 6	44	0.09	NONE		0.09			100%	100%	34%	12%			0.17	6,205	6,205	607		
4	9075 Ohio 43	1	Service Desk	Interior	Other - Please estimate CF and EPLH	Cooled Space	2	F43LL	89	0.18	NONE		2	Cut Sheet 6	44	0.09	NONE		0.09			100%	100%	34%	12%			0.12	6,205	6,205	626		
5	9075 Ohio 43	1	Bathroom	Interior	Other - Please estimate CF and EPLH	Cooled Space	1	F42LL	59	0.06	NONE		1	Cut Sheet 10	22	0.02	NONE		0.04			100%	100%	34%	12%			0.05	6,205	6,205	267		
6	9075 Ohio 43	1	Bathroom	Interior	Other - Please estimate CF and EPLH	Cooled Space	2	F42LL	59	0.12	NONE		2	Cut Sheet 8	44	0.09	OCC	1	0.03			100%	100%	34%	12%	30%	0.04	6,205	6,205	208			
8	9075 Ohio 43	1	Office	Interior	Other - Please estimate CF and EPLH	Cooled Space	4	F43LL	89	0.36	NONE		4	Cut Sheet 6	44	0.18	NONE		0.18			100%	100%	34%	12%			0.24	6,205	6,205	1,251		
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## Lighting Form

PROJECT BASIC INFORMATION						PRE-INSTALLATION				POST-INSTALLATION				Energy Calculations																		
Line Item	Building Address	Floor	Area Description	Interior or Exterior Fixtures	Predominant Space Type	Area Cooling	Pre Fixture Qty	Pre Fixture Code	Pre Watts / Fixture (W)	Pre kW / Space (kW)	Existing Control Sensor Quantity (if not specified)	Existing Sensor Quantity	Post Fixture Qty	Post Fixture Code	Post Wattage / Fixture (W)	Post kW / Space (kW)	Proposed Sensor Preset over sensor	Proposed Sensor Quantity (if not specified)	Interior Change In Connected Load (W) excluding CFLs or Exit Signs	Exterior Change In Connected Load (W) excluding CFLs or Exit Signs	Change In Connected Load (W) CFL or LED exit sign	Applicant Calculations Factor (CF) Estimate	Coincidence Factor	Interactive Factor (demand)	Interactive Factor (energy)	Pre Controls Factor	Post Controls Factor	Demand Savings (kW)	Applicant Equivalent Full Load Hours (EFLH) Estimate	Prescribed Equivalent Full Load Hours	Annual Interior Failure With Saved (excluding CFLs or Exit Signs)	
129											NONE						NONE															
130											NONE						NONE															
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## Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	9,908
Total Change in Connected Load	1.40

Annual Estimated Cost Savings	\$990.80
Annual Operating Hours	6,205

Interior Lighting Incentive @ \$0.05/kWh (excluding CFLs, sensors, or LED exit signs)	\$486.25
Exterior Lighting Incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all CFLs, both interior and exterior)	\$0.00
Total LED Exit Incentive @ \$10/exit sign	\$0.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$25.00

Total Calculated Incentive	\$511.25
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Total Fixture Quantity excluding CFLs and LED Exit Sign	33
Total Lamp Quantity for Screw-In CFLs	0
Total Lamp Quantity for Hard-Wired CFLs	0
Total Fixture Quantity for LED Exit Signs	0
Total Quantity for Occupancy Sensors	1
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) for facility type "Other" indicated on the Lighting Form tab

Demand Savings (For Internal Use Only)	1.88
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Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Twinsburg Getgo Lighting project	We replaced all the old lighting with CREE LED retrofits and equivovents. Including the 1x4 and 2x4 retrofit kits, 4' strip retrofit (both regular and vaportight), and in a few instances there were Satco A19 lamps installed. Also, there were 6' LED case lights used in the beverage cooler. Also occupancy sensors were added where we proposed in designated areas of the store	Please reference the Lighting Rebate Calculator Tool	Approx year 2016. In a few years the lights would have reached end of life,use more enrgy and would not produce the necessary light output ot suffice the requirements of the store.	N/A

## Exhibit 2

**Customer Legal Entity Name:** Giant Eagle Enterprises  
**Site Address:** Giant Eagle GetGo Twinsburg #3224  
**Principal Address:** 8901 Hadden Rd

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) <i>Note 1</i>
2012	576,280	576,280	576,280
<b>Average</b>	<b>576,280</b>	<b>576,280</b>	<b>576,280</b>

Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ <i>Note 2</i>
1	Twinsburg Getgo Lighting project	10/30/2014	\$19,500	\$9,750	46,150	46,150	8	\$2,369	\$1,777
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$19,500		46,150	46,150	8	\$2,369	\$1,777

**Docket No.** 14-1987  
**Site:** 8901 Hadden Rd

## Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs or 75% of \$0.08/kWh for custom programs for all energy savings eligible for a cash rebate as defined in the PUCO order in Case NO.10-834-EL-EEC dated 9/15/2010, not to exceed the lesser of 50% of the project cost or \$250,000 per project. The rebate also cannot exceed \$500,000 per customer per year, per utility service territory.

### Exhibit 3 Utility Cost Test

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoided Cost \$/MWh (B)	Utility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	46	\$ 308	\$ 14,227	\$ 506	\$1,777	\$0	\$ 2,283	6.2
<b>Total</b>	<b>46</b>	<b>\$ 308</b>	<b>14,227</b>	<b>506</b>	<b>\$1,777</b>	<b>\$0</b>	<b>2,283</b>	<b>6.2</b>

#### Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).
- (C) = (A) \* (B)
- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.
- (G) = (D) + (E) + (F)
- (H) = (C) / (G)

**Giant Eagle Enterprises ~ Giant Eagle GetGo Twinsburg #3224**  
**Docket No. 14-1987**

**Site:** 8901 Hadden Rd



## Lighting Form

## Lighting Inventory Form

Applicant Name:	Giant Eagle Enterprises
Facility Name:	Twinsburg #3224
Date:	12/4/2014

Instructions: Please use one line for each fixture type in a room or area.

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLTG for photosensor, or NONE for none. Controls must save energy to qualify.

The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

PROJECT BASIC INFORMATION													PRE-INSTALLATION										POST-INSTALLATION										ENERGY CALCULATIONS									
Line Item	Building Address	Floor	Area Description	Interior or Exterior	Formers	Predominant Space Type	Area Cooling	Pre Future Qty	Pre Future Code	Pre Future Qty	Pre Watts (W)	Pre kW / Sqft (kW)	Existing Sensor Quantity (per sq-foot)	Existing Sensor Quantity (per sq-foot)	Post Future Qty	Post Future Code	Post Future Qty	Post Watts (W)	Post kW / Sqft (kW)	Proposed Sensor Quantity (per sq-foot)	Proposed Sensor Quantity (per sq-foot)	Interior Change in Connected Load (W) excluding CFLs or LED Lights	Exterior Change in Connected Load (W) excluding CFLs or LED Lights	Change in Connected Load (W) excluding CFLs or LED Lights	Applicant Calculations Factor (CF) Estimate	Concordance Factor	Interactive Factor (demand)	Interactive Factor (energy)	Pre Controls Factor	Post Controls Factor	Demand Savings (kW)	Applicant Equivalent Full Load Hours (EFLH) Estimate	Prescribed Equivalent Full Load Hours	Annual Interior Future kWh Saved (excluding CFLs or LED Lights)								
1	400 North Street	2	Office	Interior	Office - Small	Office - Small	Cooling Space	2	F48LL	112	0.34	NONE	NONE	8	3	CF100T-80	68	0.17	NONE	2	0.07	0.13	0.13	0.13	0.13	44%	84%	34%	12%	30%	60%	0.19	2,808	2,408	6,995							
2	400 North Street	2	Office	Interior	Office - Small	Office - Small	Cooling Space	2	F48LL	112	0.34	NONE	NONE	8	3	CF100T-80	68	0.17	NONE	2	0.07	0.13	0.13	0.13	0.13	44%	84%	34%	12%	30%	60%	0.19	2,808	2,408	6,995							
3	400 North Street	2	Office	Interior	Office - Small	Office - Small	Cooling Space	2	F48LL	112	0.34	NONE	NONE	8	3	CF100T-80	68	0.17	NONE	2	0.07	0.13	0.13	0.13	0.13	44%	84%	34%	12%	30%	60%	0.19	2,808	2,408	6,995							
4	400 North Street	2	Office	Interior	Office - Small	Office - Small	Cooling Space	2	F48LL	112	0.34	NONE	NONE	8	3	CF100T-80	68	0.17	NONE	2	0.07	0.13	0.13	0.13	0.13	44%	84%	34%	12%	30%	60%	0.19	2,808	2,408	6,995							
5	400 North Street	2	Office	Interior	Office - Small	Office - Small	Cooling Space	2	F48LL	112	0.34	NONE	NONE	8	3	CF100T-80	68	0.17	NONE	2	0.07	0.13	0.13	0.13	0.13	44%	84%	34%	12%	30%	60%	0.19	2,808	2,408	6,995							
6	400 North Street	2	Office	Interior	Office - Small	Office - Small	Cooling Space	2	F48LL	112	0.34	NONE	NONE	8	3	CF100T-80	68	0.17	NONE	2	0.07	0.13	0.13	0.13	0.13	44%	84%	34%	12%	30%	60%	0.19	2,808	2,408	6,995							
7	400 North Street	2	Office	Interior	Office - Small	Office - Small	Cooling Space	2	F48LL	112	0.34	NONE	NONE	8	3	CF100T-80	68	0.17	NONE	2	0.07	0.13	0.13	0.13	0.13	44%	84%	34%	12%	30%	60%	0.19	2,808	2,408	6,995							
8	400 North Street	2	Office	Interior	Office - Small	Office - Small	Cooling Space	2	F48LL	112	0.34	NONE	NONE	8	3	CF100T-80	68	0.17	NONE	2	0.07	0.13	0.13	0.13	0.13	44%	84%	34%	12%	30%	60%	0.19	2,808	2,408	6,995							
9	400 North Street	2	Office	Interior	Office - Small	Office - Small	Cooling Space	2	F48LL	112	0.34	NONE	NONE	8	3	CF100T-80	68	0.17	NONE	2	0.07	0.13	0.13	0.13	0.13	44%	84%	34%	12%	30%	60%	0.19	2,808	2,408	6,995							
10	400 North Street	2	Office	Interior	Office - Small	Office - Small	Cooling Space	2	F48LL	112	0.34	NONE	NONE	8	3	CF100T-80	68	0.17	NONE	2	0.07	0.13	0.13	0.13	0.13	44%	84%	34%	12%	30%	60%	0.19	2,808	2,408	6,995							
11	400 North Street	2	Office	Interior	Office - Small	Office - Small	Cooling Space	2	F48LL	112	0.34	NONE	NONE	8	3	CF100T-80	68	0.17	NONE	2	0.07	0.13	0.13	0.13	0.13	44%	84%	34%	12%	30%	60%	0.19	2,808	2,408	6,995							
12	400 North Street	2	Office	Interior	Office - Small	Office - Small	Cooling Space	2	F48LL	112	0.34	NONE	NONE	8	3	CF100T-80	68	0.17	NONE	2	0.07	0.13	0.13	0.13	0.13	44%	84%	34%	12%	30%	60%	0.19	2,808	2,408	6,995							
13	400 North Street	2	Office	Interior	Office - Small	Office - Small	Cooling Space	2	F48LL	112	0.34	NONE	NONE	8	3	CF100T-80	68	0.17	NONE	2	0.07	0.13	0.13	0.13	0.13	44%	84%	34%	12%	30%	60%	0.19	2									

## Lighting Form

[illegible]

## Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	46,150
Total Change in Connected Load	6.30

Annual Estimated Cost Savings	\$4,615.00
Annual Operating Hours	6,205

Interior Lighting Incentive @ \$0.05/kWh (excluding CFLs, sensors, or LED exit signs)	\$2,243.95
Exterior Lighting Incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all CFLs, both interior and exterior)	\$0.00
Total LED Exit Incentive @ \$10/exit sign	\$0.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$125.00

Total Calculated Incentive	\$2,368.95
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Total Fixture Quantity excluding CFLs and LED Exit Sign	82
Total Lamp Quantity for Screw-In CFLs	0
Total Lamp Quantity for Hard-Wired CFLs	0
Total Fixture Quantity for LED Exit Signs	0
Total Quantity for Occupancy Sensors	5
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) for facility type "Other" indicated on the Lighting Form tab

Demand Savings (For Internal Use Only)	8.39
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Customer Legal Entity Name: Giant Eagle Enterprises  
Site Address: Giant Eagle GetGo Vermillion #3238  
Principal Address: 1317 State St

Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	GetGo Lighting Retrofit #3238	We replaced all the old lighting with CREE LED retrofits and equiovlents. Including the 1x4 and 2x4 retrofit kits, 4' and 8' strip retrofit (both regular and vaportight), and LEDs with occupancy sensors replaced incandescent fixtures. Also, there were 6' LED case lights used in the beverage cooler	To estimate the results of the installation, we did simple calculations of yearly energy use with the new bulbs compared to the old ones. This is how we can compare the cost and energy savings from the implementaion of the new equipment.	The existing lighting fixtures were expected to last approximately 2 more years after the installation occurred. With the constant 24 hour usage, the lights life is estimated to decrease in efficiency as well. Therefore, after extended use, the lights would not produce the necessary light output ot suffice the requirements of the store.	N/A

## Exhibit 2

**Customer Legal Entity Name:** Giant Eagle Enterprises

**Site Address:** Giant Eagle GetGo Vermillion #3238

**Principal Address:** 1317 State St

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) <i>Note 1</i>
2012	221,745	221,745	221,745
<b>Average</b>	<b>221,745</b>	<b>221,745</b>	<b>221,745</b>

Project Number	Project Name	In-Service Date	Project Cost \$	50% of Project Cost \$	KWh Saved/Year (D) counting towards utility compliance	KWh Saved/Year (E) eligible for incentive	Utility Peak Demand Reduction Contribution, KW (F)	Prescriptive Rebate Amount (G) \$	Eligible Rebate Amount (H) \$ <i>Note 2</i>
1	GetGo Lighting Retrofit #3238	10/30/2014	\$15,200	\$7,600	38,755	38,755	7	\$1,955	\$1,466
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$15,200		38,755	38,755	7	\$1,955	\$1,466

Docket No. 14-1987

**Site:** 1317 State St

## Notes

(1) Customer's usage is adjusted to account for the effects of the energy efficiency programs included in this application. When applicable, such adjustments are prorated to the in-service date to account for partial year savings.

(2) The eligible rebate amount is based upon 75% of the rebates offered by the FirstEnergy Commercial and Industrial Energy Efficiency programs or 75% of \$0.08/kWh for custom programs for all energy savings eligible for a cash rebate as defined in the PUCO order in Case NO.10-834-EL-EEC dated 9/15/2010, not to exceed the lesser of 50% of the project cost or \$250,000 per project. The rebate also cannot exceed \$500,000 per customer per year, per utility service territory.

### Exhibit 3 Utility Cost Test

UCT = Utility Avoided Costs / Utility Costs

Project	Total Annual Savings, MWh (A)	Utility Avoided Cost \$/MWh (B)	Utility Avoided Cost \$ (C)	Utility Cost \$ (D)	Cash Rebate \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	39	\$ 308	\$ 11,947	\$ 506	\$1,466	\$388	\$ 2,360	5.1
<b>Total</b>	<b>39</b>	<b>\$ 308</b>	<b>11,947</b>	<b>506</b>	<b>\$1,466</b>	<b>\$388</b>	<b>2,360</b>	<b>5.1</b>

#### Notes

- (A) From Exhibit 2, = kWh saved / 1000
- (B) This value represents avoided energy costs (wholesale energy prices) from the Department of Energy, Energy Information Administration's 2009 Annual Energy Outlook (AEO) low oil prices case. The AEO represents a national average energy price, so for a better representation of the energy price that Ohio customers would see, a Cinergy Hub equivalent price was derived by applying a ratio based on three years of historic national average and Cinergy Hub prices. This value is consistent with avoided cost assumptions used in EE&PDR Program Portfolio and Initial Benchmark Report, filed Dec 15, 2009 (See Section 8.1, paragraph a).
- (C) = (A) \* (B)
- (D) Represents the utility's costs incurred for self-directed mercantile applications for applications filed and applications in progress. Includes incremental costs of legal fees, fixed administrative expenses, etc.
- (E) This is the amount of the cash rebate paid to the customer for this project.
- (F) Based on approximate Administrator's variable compensation for purposes of calculating the UCT, actual compensation may be less.
- (G) = (D) + (E) + (F)
- (H) = (C) / (G)

**Giant Eagle Enterprises ~ Giant Eagle GetGo Vermillion #3238**  
**Docket No. 14-1987**

**Site:** 1317 State St

# Lighting Form

## Lighting Inventory Form

Applicant Name: Grant Eagle Enterprises  
Facility Name: GetGo #3238 Vamilton  
Date: 12/4/2014

Instructions: Please use one line for each fixture type in a room or area.  
For existing or proposed control, choose OCC for Occupancy Sensor, DAYLIT for photosensor, or NONE for none. Controls must save energy to qualify.  
The total of Column S, the quantities of CFLs and exit signs in Column M, and the quantities of sensors in Column R, will be used to calculate your incentive on the NonStandard Lighting form.

PROJECT BASIC INFORMATION										PRE-INSTALLATION										POST-INSTALLATION										Energy Calculations									
Line Item	Building Address	Floor	Area Description	Interior or Exterior	Predominant Space Type	Area Cooling	Pre Fixture Qty	Pre Fixture Code	Pre Watts / Fixture (W)	Pre kW / Space (kW)	Existing Sensor Quantity when applicable	Existing Sensor Quantity when applicable	Post Fixture Qty	Post Fixture Code	Post Watts / Fixture (W)	Post kW / Space (kW)	Proposed Control	Proposed Control when applicable	Interior Change in Connected Load (kW) excluding CFLs or Exit Signs	Exterior Change in Connected Load (kW) excluding CFLs or Exit Signs	Change in Connected Load (kW) CFL or LED exit sign	Applicant's Correction Factor (CF)	Coincidence Factor	Interactive Factor (demand)	Interactive Factor (energy)	Pre Correction Factor	Post Correction Factor	Demand Savings (kW)	Applicant's Savings Full Load (kW) EPLH Estimate	Prescribed Equivalent Full Load Hours	Annual Interior Energy kWh Saved (including CFLs or Exit Signs)								
6.9	400 North Street	2	Office	Interior	Office - Small	Cooled Space	3	F48LL	719	0.34	NONE		3	CF1507-8W	56	0.17	OCC	3			0.17	64%	64%	34%	12%		30%	30%	0.19	2,868	3,436								
7	Example	1	Restaurant	Interior	Restaurant - Full Food	Uncooled space	5	F48LL	50	0.23	NONE	5	5	Example Cut Sheet 1	25	0.13	OCC	5			0.13			84%	84%	34%	12%	30%	30%	0.19	2,868	3,436							
1	1317 State St	1	Lobby	Interior	Other - Please estimate CF and EPLH	Medium temperature refrigerated space	14	F3110S	146	2.03	NONE		14	Cut sheet 6	13	0.22	NONE		1.81			100%	100%	29%	29%				2.24	6,205	6,205	14,623							
2	1317 State St	1	Ballroom	Interior	Other - Please estimate CF and EPLH	Cooled Space	15	F48LL	112	1.68	NONE		15	Cut Sheet 6	44	0.66	NONE		1.02			100%	100%	34%	12%				1.37	6,205	6,205	7,089							
3	1317 State St	1	Ballroom	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
4	1317 State St	1	Ballroom	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
5	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
6	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
7	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
8	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
9	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
10	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
11	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
12	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
13	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
14	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
15	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
16	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
17	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
18	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
19	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
20	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
21	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
22	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
23	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
24	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
25	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
26	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
27	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
28	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
29	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
30	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
31	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
32	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
33	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
34	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
35	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
36	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
37	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
38	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
39	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
40	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
41	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
42	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
43	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
44	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
45	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
46	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
47	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
48	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
49	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
50	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
51	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
52	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
53	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
54	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
55	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
56	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%							6,205	6,205								
57	1317 State St	1	Spot Lighting	Interior	Other - Please estimate CF and EPLH	Cooled Space					NONE						NONE					100%	100%		</														

## Lighting Form

[illegible]



## Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	38,755
Total Change in Connected Load	5.04

Annual Estimated Cost Savings	\$3,875.50
Annual Operating Hours	6,205

Interior Lighting Incentive @ \$0.05/kWh (excluding CFLs, sensors, or LED exit signs)	\$1,929.60
Exterior Lighting Incentive @ \$0.50/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
Total CFL Incentive @ \$1/screw-in CFL lamp; \$15/hard-wired CFL lamp (includes all CFLs, both interior and exterior)	\$0.00
Total LED Exit Incentive @ \$10/exit sign	\$0.00
Total Lighting Controls Incentive @ \$25/sensor (includes all Lighting Controls, both interior and exterior)	\$25.00

Total Calculated Incentive	\$1,954.60
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Total Fixture Quantity excluding CFLs and LED Exit Sign	50
Total Lamp Quantity for Screw-In CFLs	0
Total Lamp Quantity for Hard-Wired CFLs	0
Total Fixture Quantity for LED Exit Signs	0
Total Quantity for Occupancy Sensors	1
Total Quantity for Daylight Sensors	0

Please briefly describe how you estimated your coincidence factor (CF) for facility type "Other" indicated on the Lighting Form tab

Demand Savings (For Internal Use Only)	6.58
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**Mercantile Customer Project Commitment Agreement**  
**Cash Rebate Option**

**THIS MERCANTILE CUSTOMER PROJECT COMMITMENT AGREEMENT** ("Agreement") is made and entered into by and between Ohio Edison Company, its successors and assigns (hereinafter called the "Company") and Riser Foods Company, Taxpayer ID No. 52-2067965 its permitted successors and assigns (hereinafter called the "Customer") (collectively the "Parties" or individually the "Party") and is effective on the date last executed by the Parties as indicated below.

**WITNESSETH**

**WHEREAS**, the Company is an electric distribution utility and electric light company, as both of these terms are defined in R.C. § 4928.01(A); and

**WHEREAS**, Customer is a mercantile customer, as that term is defined in R.C. § 4928.01(A)(19), doing business within the Company's certified service territory; and

**WHEREAS**, R.C. § 4928.66 (the "Statute") requires the Company to meet certain energy efficiency and peak demand reduction ("EE&PDR") benchmarks; and

**WHEREAS**, when complying with certain EE&PDR benchmarks the Company may include the effects of mercantile customer-sited EE&PDR projects; and

**WHEREAS**, Customer has certain customer-sited demand reduction, demand response, or energy efficiency project(s) as set forth in attached Exhibit 1 (the "Customer Energy Project(s)") that it desires to commit to the Company for integration into the Company's Energy Efficiency & Peak Demand Reduction Program Portfolio Plan ("Company Plan") that the Company will implement in order to comply with the Statute; and

**WHEREAS**, the Customer, pursuant to the Public Utilities Commission of Ohio's ("Commission") September 15, 2010 Order in Case No. 10-834-EL-EEC, desires to pursue a cash rebate of some of the costs pertaining to its Customer Energy Project(s) ("Cash Rebate") and is committing the Customer Energy Project(s) as a result of such incentive.

**WHEREAS**, Customer's decision to commit its Customer Energy Project(s) to the Company for inclusion in the Company Plan has been reasonably encouraged by the possibility of a Cash Rebate.

**WHEREAS**, in consideration of, and upon receipt of, said cash rebate, Customer will commit the Customer Energy Project(s) to the Company and will comply with all other terms and conditions set forth herein.

**NOW THEREFORE**, in consideration of the mutual promises set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties, intending to be legally bound, do hereby agree as follows:

1. **Customer Energy Projects.** Customer hereby commits to the Company and Company accepts for integration into the Company Plan the Customer Energy Project(s) set forth on attached Exhibit 1. Said commitment shall be for the life of the Customer Energy Project(s). Company will incorporate said project(s) into the Company Plan to the extent that such projects qualify. In so committing, and as evidenced by the affidavit attached hereto as Exhibit A, Customer acknowledges that the information provided to the Company about the Customer Energy Project(s) is true and accurate to the best of its knowledge.

- a. By committing the Customer Energy Project(s) to the Company, Customer acknowledges and agrees that the Company shall control the use of the kWh and kW reductions resulting from said projects for purposes of complying with the Statute. By committing the Customer Energy Project(s), Customer has the ability to either:
  - i. Take ownership of the Energy Efficiency resource credits resulting from their Customer Energy Project(s) and may be able to bid - or sell - the Energy Efficiency resource credits into the market operated by the grid operator, PJM Interconnection, Inc. (PJM), provided several prerequisites are met; or
  - ii. Allow the Company to take ownership of the Energy Efficiency resource credits associated with their Customer Energy Project(s). The Company shall, at its sole discretion, aggregate said capacity into the PJM market through an auction. Any proceeds from any such bids accepted by PJM will be used to offset the costs charged to the Customer and other of the Company's customers for compliance with state mandated energy efficiency and/or peak demand requirements.

**Please indicate your preference as to the treatment of your Energy Efficiency resource credits:**

- ☒ Customer would like to retain ownership of its Energy Efficiency resource credits.
- ☐ Customer assigns ownership of its Energy Efficiency resource credits to Company for purposes of bidding these credits into PJM.

- b. The Company acknowledges that some of Customer's Energy Projects contemplated in this paragraph may have been performed under certain other federal and/or state programs in which certain parameters are required to be maintained in order to retain preferential financing or other government benefits (individually and collectively, as appropriate, "Benefits"). In the event that the use of any such project by the Company in any way affects such Benefits, and upon written request from the Customer, Company will release said Customer's Energy Project(s) to the extent necessary for Customer to meet the prerequisites for such Benefits. Customer acknowledges that such release (i) may affect Customer's cash rebate discussed in Article 3 below; and (ii) will not affect any of Customer's other requirements or obligations.
  - c. Any future Customer Energy Project(s) committed by Customer shall be subject to a separate application and, upon approval by the Commission, said projects shall become part of this Agreement.
  - d. Customer will provide Company or Company's agent(s) with reasonable assistance in the preparation of the Commission's standard joint application for approval of this Agreement ("Joint Application") that will be filed with the Commission, with such Joint Application being consistent with then current Commission requirements.
  - e. Upon written request and reasonable advance notice, Customer will grant employees or authorized agents of either the Company or the Commission reasonable, pre-arranged access to the Customer Energy Project(s) for purposes of measuring and verifying energy savings and/or peak demand reductions resulting from the Customer Energy Project(s). It is expressly agreed that consultants of either the Company or the Commission are their respective authorized agents.
2. **Joint Application to the Commission.** The Parties will submit the Joint Application using the Commission's standard "Application to Commit Energy Efficiency/Peak Demand Reduction Programs" ("Joint Application") in which they will seek the Commission's approval of (i) this

Agreement: (ii) the commitment of the Customer Energy Project(s) for inclusion in the Company Plan; and (iii) the Customer's Cash Rebate.

The Joint Application shall include all information as set forth in the Commission's standard form which, includes without limitation:

- i. A narrative description of the Customer Energy Project(s), including but not limited to, make, model and year of any installed and/or replaced equipment;
  - ii. A copy of this Agreement; and
  - iii. A description of all methodologies, protocols, and practices used or proposed to be used in measuring and verifying program results.
3. **Customer Cash Rebate.** Upon Commission approval of the Joint Application, Customer shall provide Company with a W-9 tax form, which shall at a minimum include Customer's tax identification number. Within the greater of 90 days of the Commission's approval of the Joint Application or the completion of the Customer Energy Project, the Company will issue to the Customer the Cash Rebate in the amount set forth in the Commission's Finding and Order approving the Joint Application.
  - a. Customer acknowledges: i) that the Company will cap the Cash Rebate at the lesser of 50% of Customer Energy Project(s) costs or \$250,000; ii) the maximum rebate that the Customer may receive per year is \$500,000 per Taxpayer Identification Number per utility service territory; and iii) if the Customer Energy Project qualifies for a rebate program approved by the Commission and offered by the Company, Customer may still elect to file such project under the Company's mercantile customer self direct program, however the Cash Rebate that will be paid shall be discounted by 25%; and
  - b. Customer acknowledges that breaches of this Agreement, include, but are not limited to:
    - i. Customer's failure to comply with the terms and conditions set forth in the Agreement, or its equivalent, within a reasonable period of time after receipt of written notice of such non-compliance;
    - ii. Customer knowingly falsifying any documents provided to the Company or the Commission in connection with this Agreement or the Joint Application.
  - c. In the event of a breach of this Agreement by the Customer, Customer agrees and acknowledges that it will repay to the Company, within 90 days of receipt of written notice of said breach, the full amount of the Cash Rebate paid under this Agreement. This remedy is in addition to any and all other remedies available to the Company by law or equity.
4. **Termination of Agreement.** This Agreement shall automatically terminate:
  - a. If the Commission fails to approve the Joint Agreement;
  - b. Upon order of the Commission; or
  - c. At the end of the life of the last Customer Energy Project subject to this Agreement.

Customer shall also have an option to terminate this Agreement should the Commission not approve the Customer's Cash Rebate, provided that Customer provides the Company with written

notice of such termination within ten days of either the Commission issuing a final appealable order or the Ohio Supreme Court issuing its opinion should the matter be appealed.

5. **Confidentiality.** Each Party shall hold in confidence and not release or disclose to any person any document or information furnished by the other Party in connection with this Agreement that is designated as confidential and proprietary ("Confidential Information"), unless: (i) compelled to disclose such document or information by judicial, regulatory or administrative process or other provisions of law; (ii) such document or information is generally available to the public; or (iii) such document or information was available to the receiving Party on a non-confidential basis at the time of disclosure.
  - a. Notwithstanding the above, a Party may disclose to its employees, directors, attorneys, consultants and agents all documents and information furnished by the other Party in connection with this Agreement, provided that such employees, directors, attorneys, consultants and agents have been advised of the confidential nature of this information and through such disclosure are deemed to be bound by the terms set forth herein.
  - b. A Party receiving such Confidential Information shall protect it with the same standard of care as its own confidential or proprietary information.
  - c. A Party receiving notice or otherwise concluding that Confidential Information furnished by the other Party in connection with this Agreement is being sought under any provision of law, to the extent it is permitted to do so under any applicable law, shall endeavor to: (i) promptly notify the other Party; and (ii) use reasonable efforts in cooperation with the other Party to seek confidential treatment of such Confidential Information, including without limitation, the filing of such information under a valid protective order.
  - d. By executing this Agreement, Customer hereby acknowledges and agrees that Company may disclose to the Commission or its Staff any and all Customer information, including Confidential Information, related to a Customer Energy Project, provided that Company uses reasonable efforts to seek confidential treatment of the same.
6. **Taxes.** Customer shall be responsible for all tax consequences (if any) arising from the payment of the Cash Rebate.
7. **Notices.** Unless otherwise stated herein, all notices, demands or requests required or permitted under this Agreement must be in writing and must be delivered or sent by overnight express mail, courier service, electronic mail or facsimile transmission addressed as follows:

**If to the Company:**

FirstEnergy Service Company  
76 South Main Street  
Akron, OH 44308  
Attn: Victoria Nofziger  
Telephone: 330-384-4684  
Fax: 330-761-4281  
Email: [vmnofziger@firstenergycorp.com](mailto:vmnofziger@firstenergycorp.com)

**If to the Customer:**

Riser Foods Compnay  
101 Kappa Drive  
Pittsburgh, PA 15238  
Attn: James Chickini  
Telephone:  
Fax:  
Email:



or to such other person at such other address as a Party may designate by like notice to the other Party. Notice received after the close of the business day will be deemed received on the next business day; provided that notice by facsimile transmission will be deemed to have been received by the recipient if the recipient confirms receipt telephonically or in writing.

8. **Authority to Act.** The Parties represent and warrant that they are represented by counsel in connection with this Agreement, have been fully advised in connection with the execution thereof, have taken all legal and corporate steps necessary to enter into this Agreement, and that the undersigned has the authority to enter into this Agreement, to bind the Parties to all provisions herein and to take the actions required to be performed in fulfillment of the undertakings contained herein.
9. **Non-Waiver.** The delay or failure of either party to assert or enforce in any instance strict performance of any of the terms of this Agreement or to exercise any rights hereunder conferred, shall not be construed as a waiver or relinquishment to any extent of its rights to assert or rely upon such terms or rights at any later time or on any future occasion.
10. **Entire Agreement.** This Agreement, along with related exhibits, and the Company's Rider DSE, or its equivalent, as amended from time to time by the Commission, contains the Parties' entire understanding with respect to the matters addressed herein and there are no verbal or collateral representations, undertakings, or agreements not expressly set forth herein. No change in, addition to, or waiver of the terms of this Agreement shall be binding upon any of the Parties unless the same is set forth in writing and signed by an authorized representative of each of the Parties. In the event of any conflict between Rider DSE or its equivalent and this document, the latter shall prevail.
11. **Assignment.** Customer may not assign any of its rights or obligations under this Agreement without obtaining the prior written consent of the Company, which consent will not be unreasonably withheld. No assignment of this Agreement will relieve the assigning Party of any of its obligations under this Agreement until such obligations have been assumed by the assignee and all necessary consents have been obtained.
12. **Severability.** If any portion of this Agreement is held invalid, the Parties agree that such invalidity shall not affect the validity of the remaining portions of this Agreement, and the Parties further agree to substitute for the invalid portion a valid provision that most closely approximates the economic effect and intent of the invalid provision.
13. **Governing Law.** This Agreement shall be governed by the laws and regulations of the State of Ohio, without regard to its conflict of law provisions.
14. **Execution and Counterparts.** This Agreement may be executed in multiple counterparts, which taken together shall constitute an original without the necessity of all parties signing the same page or the same documents, and may be executed by signatures to electronically or telephonically transmitted counterparts in lieu of original printed or photocopied documents. Signatures transmitted by facsimile shall be considered original signatures.

IN WITNESS WHEREOF, the Parties hereto have caused this Agreement to be executed by their duly authorized officers or representatives as of the day and year set forth below.

Ohio Edison Company\_  
(Company)

By: John C. Dargatzis

Title: V.P. Of Energy Efficiency

Date: 12-18-14

Giant Eagle Enterprises\_  
(Customer)

By: James J. Chisholm

Title: VP Real Estate Leasing & Development

Date: 12/10/2014

Affidavit of Giant Eagle, Inc. – Exhibit \_A\_

STATE OF OHIO                     )  
  )       SS:  
COUNTY OF CUYAHOGA        )

I, James Chickini, being first duly sworn in accordance with law, deposes and states as follows:

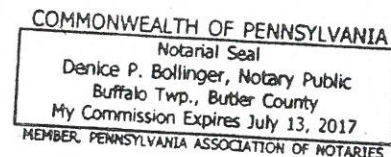
1. I am the Vice President of Leasing and Development of Giant Eagle, Inc. ("Customer") As part of my duties, I oversee energy related matters for the Customer.
2. The Customer has agreed to commit certain energy efficiency projects to  
Ohio Edison Company                     ("Company"), which are the subject of the  
agreement to which this affidavit is attached ("Project(s)").
3. In exchange for making such a commitment, the Company has agreed to provide Customer with  
Cash ("Incentive"). This Incentive was a critical factor in the Customer's decision to go forward  
with the Project(s) and to commit the Project(s) to the Company.
4. All information related to said Project(s) that has been submitted to the Company is true and  
accurate to the best of my knowledge.

FURTHER AFFIANT SAYETH NAUGHT.

*James J. Chickini*

Sworn to before me and subscribed in my presence this 10<sup>th</sup> day of October, 2014.

*Denice P. Bollinger*  
Notary





**This foregoing document was electronically filed with the Public Utilities**

**Commission of Ohio Docketing Information System on**

**12/24/2014 9:56:14 AM**

**in**

**Case No(s). 14-1987-EL-EEC**

Summary: Application to Commit Energy Efficiency/Peak Demand Reduction Programs of Ohio Edison Company and Giant Eagle, Inc. electronically filed by Ms. Jennifer M. Sybyl on behalf of Ohio Edison Company and Giant Eagle, Inc.