



Public Utilities Commission

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

Case No.: 12-0242 -EL-EEC

Mercantile Customer: Giant Eagle Inc. (See Attached Exhibit A)

Electric Utility: The Cleveland Electric Illuminating Company

**Program Title or
Description:** See Attached Exhibit A

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 (Option 1) 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 (Option 2) will also qualify for the 60-day automatic approval so long as the exemption period does not exceed 24 months. Rider exemptions for periods of more than 24 months will be reviewed by the Commission Staff and are only approved up the issuance of a Commission order.

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

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

Section 1: Mercantile Customer Information

Name: Giant Eagle, Inc. (See Attached Exhibit A)

Principal address: 101 Kappa Drive , Pittsburgh, PA 15238

Address of facility for which this energy efficiency program applies: (See Attached Exhibit A)

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: The Cleveland Electric Illuminating 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 equipment that needed to be replaced 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: (See Exhibit A Attached) 2,089,241 kWh

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

Annual savings: _____ kWh

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

Annual savings: _____ kWh

Please describe the less efficient new equipment that 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.

Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.

Annual Savings: See Attached Exhibit A - 1,548,916 kWh

Section 4: Demand Reduction/Demand Response Programs

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

- ☒ 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?

See Exhibit A Attached

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

See Attached Exhibit A - 274 kW

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

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

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

A) The customer is applying for:

☒ Option 1: A cash rebate reasonable arrangement.

OR

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

OR

☐ Commitment payment

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

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

☒ A cash rebate of \$158,900.00 (See Attached Exhibit A).
(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.)

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

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

OR

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

OR

- ☐ Ongoing exemption from payment of the electric utility's energy efficiency/peak demand reduction rider for an initial period of 24 months because this program is part of 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 24 month period, the customer will need to provide a future application establishing additional energy savings and the continuance of the organization's energy efficiency program.)

Section 6: Cost Effectiveness

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

- ☐ Total Resource Cost (TRC) Test. The calculated TRC value is: _____(Continue to Subsection 1, then skip Subsection 2)
- ☒ Utility Cost Test (UCT) . The calculated UCT value is: **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**

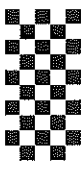
The utility's program costs were **See Exhibit 3**

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.



Ohio

Public Utilities Commission

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

Case No.: -EL-EEC

State of Ohio :

Kristen May,

, 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.

[Signature]

Signature of Affiant & Title

Vice President Direct & Indirect

Sworn and subscribed before me this 22nd day of September, 2011 Month/Year

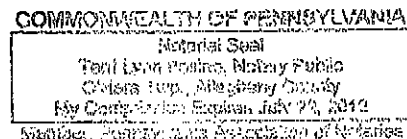
Teri Lynn Pollino

Signature of official administering oath

Teri Lynn Pollino, notary

Print Name and Title

My commission expires on July 22, 2012



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.
1	HVAC VFD INSTALLATION	HVAC VFD INSTALLATION - VFD INSTALLED ON HVAC	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A

Docket No. 12-0242

Site: 30275 DETROIT ROAD

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE, INC

Site Address: GIANT EAGLE, INC - #1216 - WESTLAKE

Principal Address: 30275 DETROIT ROAD

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C) <i>Note 1</i>
2010	3,693,492	3,693,492	3,810,927
2009	3,476,786	3,476,786	3,594,221
2008	3,667,612	3,667,612	3,667,612
Average	3,612,630	3,612,630	3,690,920

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	HVAC VFD INSTALLATION	05/07/2008	\$8,075	\$4,037	117,435	117,435	2	\$1,750	\$1,313
					-	-	-	\$425	
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$8,075		117,435	117,435	2	\$2,175	\$1,313

Docket No. 12-0242

Site: 30275 DETROIT ROAD

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	117	\$ 308	\$ 36,203	\$ 3,546	\$1,313	\$1,174	\$ 6,033	6.0
Total	117	\$ 308	36,203	3,546	\$1,313	\$1,174	6,033	6.0

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, INC ~ GIANT EAGLE, INC - #1216 - WESTLAKE
Docket No. 12-0242

Site: 30275 DETROIT ROAD



Ohio Edison • The Illuminating Company • Toledo Edison

Project Name:	VFD INSTALL ON HVAC
Site Name:	GIANT EAGLE #1216 - WESTLAKE
Completed by (Name):	FAZIO MECHANICAL
Date completed:	5/7/2008

Variable Frequency Drive Rebate Form

VFD and Controlled Motor Nameplate DATA											Total Motor Incentive ¹ \$
Motor Application	VFD Manufacturer	VFD Model Number	Unique Motor ID(s)	Motor Location	Enclosure type: TEFC or ODP	Annual Hours of Operation ²	Load Factor (LF) ³	Motor Model Number	Motor HP	Motor Nominal Efficiency	
HVACF	DANFOSS	AKD 5052	HVAC	ROOF	ODP	7644	0.75	N/A	50	93	1,750
Incentive through 10/11/2011 @ \$35/hp											1,750

(1) VFD incentives (through 10/11/2011) are calculated at a flat rate of \$35 per horsepower controlled, up to a maximum of 500 hp controlled per VFD.

When a single VFD is used to control two motors in a lead/lag (standby, redundant) configuration, use only the horsepower rating of one motor to figure controlled horsepower. For instance, if a single VFD controls two 30hp motors with only one operating at a time, the incentive calculation should be based on 30 hp: 30hp x \$35/hp = \$900.

(2) For VAV fan motors, enter 2790 annual hours of operation. For HVAC pump motors, enter 5520 annual hours of operation. For all other motor usage, please estimate your annual hours of operation and attach an explanation of how you determined this value.

(3) For all motor and VFD applications, use the Load Factor (LF) default value of 0.80, unless data is available to support the use of a motor-specific LF other than 0.80. Please attach an explanation, including your analysis and/or data used, to support motor-specific LF value.

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.
1	Variable Frequency Drive Installation	HVAC VFD INSTALLATION - VFD INSTALLED ON RTU-1 AND RTU-2 UNITS.	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A

Docket No. 12-0242

Site: 6075 ANDREWS ROAD

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE, INC
 Site Address: GIANT EAGLE, INC - #1217 MENTOR
 Principal Address: 6075 ANDREWS ROAD

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) <i>Note 1</i>
2010	3,962,080	3,962,080	4,082,097
2009	3,233,640	3,233,640	3,353,657
2008	3,339,640	3,339,640	3,339,640
Average	3,511,787	3,511,787	3,591,798

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	Variable Frequency Drive Installation	07/09/2008	\$11,970	\$5,985	120,017	120,017	1	\$1,750	\$1,313
					-	-	-	\$200	
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$11,970		120,017	120,017	1	\$1,950	\$1,313

Docket No. 12-0242
 Site: 6075 ANDREWS ROAD

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	120	\$ 308	\$ 36,999	\$ 3,546	\$1,313	\$1,200	\$ 6,059	6.1
Total	120	\$ 308	36,999	3,546	\$1,313	\$1,200	6,059	6.1

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, INC ~ GIANT EAGLE, INC - #1217 MENTOR
Docket No. 12-0242

Site: 6075 ANDREWS ROAD



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Project Name:	VFD INSTALL ON RTU-1 AND RTU-2
Site Name:	GIANT EAGLE #1217 MENTOR ON THE LAKE
Completed by (Name):	HATTENBACH
Date completed:	7/9/2008

Variable Frequency Drive Rebate Form

VFD and Controlled Motor Nameplate DATA											Total Motor Incentive ¹ \$
Motor Application	VFD Manufacturer	VFD Model Number	Unique Motor ID(s)	Motor Location	Enclosure type: TEFC or ODP	Annual Hours of Operation ²	Load Factor (LF) ³	Motor Model Number	Motor HP	Motor Nominal Efficiency	
HVACF	DANFOSS	AKD 5027	RTU-1	ROOF	ODP	8760	0.75	N/A	25	91	875
HVACF	EMERSON	SKE401	RTU-2	ROOF	ODP	8760	0.75	N/A	25	91	875
Incentive through 10/11/2011 @ \$35/hp											1,750

(1) VFD incentives (through 10/11/2011) are calculated at a flat rate of \$35 per horsepower controlled, up to a maximum of 500 hp controlled per VFD.

When a single VFD is used to control two motors in a lead/lag (standby, redundant) configuration, use only the horsepower rating of one motor to figure controlled horsepower. For instance, if a single VFD controls two 30hp motors with only one operating at a time, the incentive calculation should be based on 30 hp: 30hp x \$35/hp = \$900.

(2) For VAV fan motors, enter 2790 annual hours of operation. For HVAC pump motors, enter 5520 annual hours of operation. For all other motor usage, please estimate your annual hours of operation and attach an explanation of how you determined this value.

(3) For all motor and VFD applications, use the Load Factor (LF) default value of 0.80, unless data is available to support the use of a motor-specific LF other than 0.80. Please attach an explanation, including your analysis and/or data used, to support motor-specific LF value.

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.
1	Variable frequency drive installation	AHU - VFD INSTALLATION - VFDs INSTALLED ON AC-1 AND AC-2	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A

Docket No. 0

Site: 17887 SOUTH PARK CENTER

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE, INC

Site Address: GIANT EAGLE #178 - STRONGSVILLE

Principal Address: 17887 SOUTH PARK CENTER

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C) <i>Note 1</i>
2010	3,946,200	3,946,200	4,089,230
2009	3,792,000	3,792,000	3,935,030
2008	4,156,800	4,156,800	4,156,800
Average	3,965,000	3,965,000	4,060,353

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	Variable frequency drive installation	07/09/2008	\$11,758	\$5,879	143,030	143,030	2	\$2,100	\$1,575
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
	Total		\$11,758		143,030	143,030	2	\$2,100	\$1,575

Docket No. 0

Site: 17887 SOUTH PARK CENTER

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	143	\$ 308	\$ 44,093	\$ 3,546	\$1,575	\$1,430	\$ 6,551	6.7
Total	143	\$ 308	44,093	3,546	\$1,575	\$1,430	6,551	6.7

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, INC ~ GIANT EAGLE #178 - STRONGSVILLE
Docket No. 0

Site: 17887 SOUTH PARK CENTER



Ohio Edison • The Illuminating Company • Toledo Edison

Project Name:	HVAC VFD Install AC-1 & AC-2
Site Name:	Giant Eagle #178
Completed by (Name):	Fazio Mechanical
Date completed:	7/9/2008

Variable Frequency Drive Rebate Form

VFD and Controlled Motor Nameplate DATA											Total Motor Incentive ¹ \$
Motor Application	VFD Manufacturer	VFD Model Number	Unique Motor ID(s)	Motor Location	Enclosure type: TEFC or ODP	Annual Hours of Operation ²	Load Factor (LF) ³	Motor Model Number	Motor HP	Motor Nominal Efficiency	
HVACF	Danfoss	AKD 5042	AC-1	Roof	ODP	6830	0.8	Unknown	40	92.40%	1,400
HVACF	Emerson	SK2403	AC-2	Roof	ODP	6830	0.8	Unknown	20	90.20%	700
Incentive through 10/11/2011 @ \$35/hp											2,100

(1) VFD incentives (through 10/11/2011) are calculated at a flat rate of \$35 per horsepower controlled, up to a maximum of 500 hp controlled per VFD.

When a single VFD is used to control two motors in a lead/lag (standby, redundant) configuration, use only the horsepower rating of one motor to figure controlled horsepower. For instance, if a single VFD controls two 30hp motors with only one operating at a time, the incentive calculation should be based on 30 hp: 30hp x \$35/hp = \$900.

(2) For VAV fan motors, enter 2790 annual hours of operation. For HVAC pump motors, enter 5520 annual hours of operation. For all other motor usage, please estimate your annual hours of operation and attach an explanation of how you determined this value.

(3) For all motor and VFD applications, use the Load Factor (LF) default value of 0.80, unless data is available to support the use of a motor-specific LF other than 0.80. Please attach an explanation, including your analysis and/or data used, to support motor-specific LF value.

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.
1	Variable frequency drive installation	HVAC VFD INSTALLATION - VFD INSTALLED ON HVAC-1 AND HVAC-2 UNITS.	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A

Docket No. 12-0242

Site: 7960 PLAZA BOULEVARD

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE, INC

Site Address: GIANT EAGLE, INC - #196 - MENTOR

Principal Address: 7960 PLAZA BOULEVARD

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C) <i>Note 1</i>
2010	6,809,400	6,809,400	6,963,966
2009	6,577,700	6,577,700	6,732,266
2008	6,941,982	3,470,991	3,470,991
Average	6,776,361	5,619,364	5,722,408

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	Variable frequency drive installation	06/18/2008	\$12,241	\$6,120	154,566	154,566	2	\$2,275	\$1,706
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
	Total		\$12,241		154,566	154,566	2	\$2,275	\$1,706

Docket No. 12-0242

Site: 7960 PLAZA BOULEVARD

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	155	\$ 308	\$ 47,650	\$ 3,546	\$1,706	\$1,546	\$ 6,798	7.0
Total	155	\$ 308	47,650	3,546	\$1,706	\$1,546	6,798	7.0

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, INC ~ GIANT EAGLE, INC - #196 - MENTOR
Docket No. 12-0242

Site: 7960 PLAZA BOULEVARD



Ohio Edison • The Illuminating Company • Toledo Edison

Project Name:	VFD INSTALL ON HVAC 1 & HVAC 2
Site Name:	GIANT EAGLE #196 - MENTOR
Completed by (Name):	FAZIO MECHANICAL
Date completed:	6/18/2008

Variable Frequency Drive Rebate Form

VFD and Controlled Motor Nameplate DATA											Total Motor Incentive ¹ \$
Motor Application	VFD Manufacturer	VFD Model Number	Unique Motor ID(s)	Motor Location	Enclosure type: TEFC or ODP	Annual Hours of Operation ²	Load Factor (LF) ³	Motor Model Number	Motor HP	Motor Nominal Efficiency	
HVACF	DANFOSS	AKD 5042	HVAC-1	ROOF	ODP	6188	0.75	N/A	40	92.4	1,400
HVACF	EMERSON	SKE3 401	HVAC-2	ROOF	ODP	6188	0.75	N/A	25	91	875
Incentive through 10/11/2011 @ \$35/hp											2,275

(1) VFD incentives (through 10/11/2011) are calculated at a flat rate of \$35 per horsepower controlled, up to a maximum of 500 hp controlled per VFD.

When a single VFD is used to control two motors in a lead/lag (standby, redundant) configuration, use only the horsepower rating of one motor to figure controlled horsepower. For instance, if a single VFD controls two 30hp motors with only one operating at a time, the incentive calculation should be based on 30 hp: 30hp x \$35/hp = \$900.

(2) For VAV fan motors, enter 2790 annual hours of operation. For HVAC pump motors, enter 5520 annual hours of operation. For all other motor usage, please estimate your annual hours of operation and attach an explanation of how you determined this value.

(3) For all motor and VFD applications, use the Load Factor (LF) default value of 0.80, unless data is available to support the use of a motor-specific LF other than 0.80. Please attach an explanation, including your analysis and/or data used, to support motor-specific LF value.

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.
1	OCCUPANCY SENSOR INSTALLATION	Installed occupancy sensors to control lighting in offices, restrooms and stock areas.	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A
2	HVAC VFD INSTALLATION	AHU - VFD INSTALLATION - VFDs INSTALLED ON HVAC-1 AND HVAC-2	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A

Docket No. 12-0242

Site: 6000 Royalton Road

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE INC

Site Address: Giant Eagle #204 - North Royalton

Principal Address: 6000 Royalton Road

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) <i>Note 1</i>
2010	3,283,006	3,283,006	3,398,770
2009	3,169,703	3,169,703	3,285,467
2008	3,199,294	3,199,294	3,199,294
Average	3,217,334	3,217,334	3,294,510

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	OCCUPANCY SENSOR INSTALLATION	07/02/2008	\$5,807	\$2,904	19,432	19,432	-	\$575	\$431
2	HVAC VFD INSTALLATION	05/07/2008	\$7,280	\$3,640	96,332	96,332	1	\$1,400	\$1,050
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$13,087		115,764	115,764	1	\$1,975	\$1,481

Docket No. 12-0242

Site: 6000 Royalton Road

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	19	\$ 308	\$ 5,990	\$ 1,773	\$431	\$194	\$ 2,399	2.5
2	96	\$ 308	\$ 29,697	\$ 1,773	\$1,050	\$963	\$ 3,786	7.84
Total	116	\$ 308	35,688	3,546	\$1,481	\$1,158	6,185	5.8

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 INC ~ Giant Eagle #204 - North Royalton

Docket No. 12-0242

Site: 6000 Royalton Road



Ohio Edison • The Illuminating Company • Toledo Edison

Project Name:	VFD install on motors HVAC-1 & HVAC-2
Site Name:	Giant Eagle #204
Completed by (Name):	Fazio Mechanical
Date completed:	5/7/2008

Variable Frequency Drive Rebate Form

VFD and Controlled Motor Nameplate DATA											Total Motor Incentive ¹ \$
Motor Application	VFD Manufacturer	VFD Model Number	Unique Motor ID(s)	Motor Location	Enclosure type: TEFC or ODP	Annual Hours of Operation ²	Load Factor (LF) ³	Motor Model Number	Motor HP	Motor Nominal Efficiency	
HVACF	Emerson	SK2403	HVAC-1	Roof	ODP	6916	0.8	Unknown	15	90.20%	525
HVACF	Danfoss	AKD5027	HVAC-2	Roof	ODP	6916	0.8	Unknown	25	91.00%	875
Incentive through 10/11/2011 @ \$35/hp											1,400

(1) VFD incentives (through 10/11/2011) are calculated at a flat rate of \$35 per horsepower controlled, up to a maximum of 500 hp controlled per VFD.

When a single VFD is used to control two motors in a lead/lag (standby, redundant) configuration, use only the horsepower rating of one motor to figure controlled horsepower. For instance, if a single VFD controls two 30hp motors with only one operating at a time, the incentive calculation should be based on 30 hp: 30hp x \$35/hp = \$900.

(2) For VAV fan motors, enter 2790 annual hours of operation. For HVAC pump motors, enter 5520 annual hours of operation. For all other motor usage, please estimate your annual hours of operation and attach an explanation of how you determined this value.

(3) For all motor and VFD applications, use the Load Factor (LF) default value of 0.80, unless data is available to support the use of a motor-specific LF other than 0.80. Please attach an explanation, including your analysis and/or data used, to support motor-specific LF value.

Lighting Inventory Form

Applicant Name: Giant Eagle Store #204

Facility Name: Giant Eagle North Royalton

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]

PROJECT BASIC INFORMATION						PRE-INSTALLATION				POST-INSTALLATION				Energy Calculations										Post Feature Cut Sheet Number											
Line Item	Building Address	Floor	Area Description	Interior or Exterior Fixture	Predominant Space Type	Area Coding	Pre Fixture Qty	Pre Fixture Code	Pre Watts / Fixture (W)	Pre Vol / Space (Vol)	Existing Sensor / Quantity (when specified)	Existing Sensor / Quantity (when specified)	Post Fixture Qty	Post Fixture Code	Post Watts / Fixture (W)	Post Vol / Space (Vol)	Proposed Sensor / Quantity (when specified)	Proposed Sensor / Quantity (when specified)	Historical Change in Connected Load (W) excluding CFLs or LED Signs	Estimated Change in Connected Load (W) including CFLs or LED Signs	Change in Connected Load (W) CFLs or LED signs	Applicant's Calculation Factor (CF) Estimate	Correction Factor	Interruption Factor (demand)	Interruption Factor (energy)	Pre Controls Factor	Post Controls Factor	Domestic Savings (kWh)	Applicant's Full Load Hours (LPH) Estimate	Proposed Equivalent Full Load Hours	Annual Interior Fixture kWh Based (excluding CFLs or LED Signs)	Annual Exterior Fixture kWh Based (excluding CFLs or LED Signs)	Annual kWh Saved (CFLs or LED signs only)	Annual kWh Saved (Domestic only)	
151											NONE						NONE																		
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Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	19,432
Total Change in Connected Load	0.00

Annual Estimated Cost Savings	\$1,943.20
Annual Operating Hours	4,612

Interior Lighting Incentive @ \$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
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)	\$575.00

Total Calculated Incentive	\$575.00
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Total Fixture Quantity excluding CFLs and LED Exit Sign	0
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	23
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
Store manager provided hours of operation.

Demand Savings (For Internal Use Only)	0.00
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Lighting Inventory Form

Applicant Name:	Giant Eagle
Facility Name:	#213 Chagrin Falls, OH
Date:	8/4/2011

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]

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	161,928
Total Change in Connected Load	25.28

Annual Estimated Cost Savings	\$16,192.80
Annual Operating Hours	5,720

Interior Lighting Incentive @ \$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$20,220.80
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	\$20,220.80
----------------------------	-------------

Total Fixture Quantity excluding CFLs and LED Exit Sign	41
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
Hours given by Manager of store

Demand Savings (For Internal Use Only)	25.28
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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.
1	HVAC VFD INSTALLATION	HVAC VFD INSTALLATION - VFD INSTALLED ON ACU-1	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A
2	OCCUPANCY SENSOR INSTALL	INSTALLED OCCUPANCY SENSORS IN 2008 TO CONTROL LIGHTING IN OFFICES, REST ROOMS AND STOCK AREAS	SEE LIGHTING CALCULATOR	N/A
3	Lighting Upgrade	Replaced 360 watt and 250 watt metal halide high bay fixtures with 6 lamp and 4 lamp fluorescent high bay fixtures.	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	Fixtures would need to be replaced in 1-2 years. The decision was made to do a lighting upgrade and replace the 360 watt and 250 watt metal halide fixtures with T8 fluorescent technology for the energy savings, increase in light levels, and maintenance savings.

Docket No. 12-0242

Site: 20 SHOPPING PLAZA

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE INC
 Site Address: GIANT EAGLE INC-213 - CHAGRIN FALLS
 Principal Address: 20 SHOPPING PLAZA

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) <i>Note 1</i>
2010	1,728,370	1,728,370	1,959,685
2009	1,760,080	1,760,080	1,991,395
2008	1,902,060	1,902,060	1,902,060
Average	1,796,837	1,796,837	1,951,046

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	HVAC VFD INSTALLATION	07/02/2008	\$5,062	\$2,531	60,200	60,200	1	\$700	\$525
2	OCCUPANCY SENSOR INSTALL	06/06/2008	\$5,959	\$2,980	26,513	26,513	-	\$1,050	\$788
3	Lighting Upgrade	06/12/2008	\$24,750	\$12,375	144,602	144,602	25	\$20,221	\$12,375
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
Total			\$35,771		231,315	231,315	26	\$21,971	\$13,688

Docket No. 12-0242
 Site: 20 SHOPPING PLAZA

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	60	\$ 308	\$ 18,558	\$ 1,182	\$525	\$602	\$ 2,309	8.0
2	27	\$ 308	\$ 8,173	\$ 1,182	\$788	\$265	\$ 2,235	3.66
3	145	\$ 308	\$ 44,578	\$ 1,182	\$12,375	\$1,446	\$ 15,003	2.97
Total	231	\$ 308	71,310	3,546	\$13,688	\$2,313	19,547	3.6

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 INC ~ GIANT EAGLE INC-213 - CHAGRIN FALLS

Docket No. 12-0242

Site: 20 SHOPPING PLAZA



Ohio Edison • The Illuminating Company • Toledo Edison

Project Name:	HVAC VFD Install ACU-1
Site Name:	Giant Eagle #213
Completed by (Name):	Fazio Mechanical
Date completed:	7/2/2008

Variable Frequency Drive Rebate Form

VFD and Controlled Motor Nameplate DATA											Total Motor Incentive ¹ \$
Motor Application	VFD Manufacturer	VFD Model Number	Unique Motor ID(s)	Motor Location	Enclosure type: TEFC or ODP	Annual Hours of Operation ²	Load Factor (LF) ³	Motor Model Number	Motor HP	Motor Nominal Efficiency	
HVACF	EMERSON	SKE 403	ACU-1	Roof	ODP	4160	0.75	Unknown	20	91.00%	700
Incentive through 10/11/2011 @ \$35/hp											700

(1) VFD incentives (through 10/11/2011) are calculated at a flat rate of \$35 per horsepower controlled, up to a maximum of 500 hp controlled per VFD.

When a single VFD is used to control two motors in a lead/lag (standby, redundant) configuration, use only the horsepower rating of one motor to figure controlled horsepower. For instance, if a single VFD controls two 30hp motors with only one operating at a time, the incentive calculation should be based on 30 hp: 30hp x \$35/hp = \$900.

(2) For VAV fan motors, enter 2790 annual hours of operation. For HVAC pump motors, enter 5520 annual hours of operation. For all other motor usage, please estimate your annual hours of operation and attach an explanation of how you determined this value.

(3) For all motor and VFD applications, use the Load Factor (LF) default value of 0.80, unless data is available to support the use of a motor-specific LF other than 0.80. Please attach an explanation, including your analysis and/or data used, to support motor-specific LF value.

Lighting Inventory Form

Applicant Name:Client Eagle

Facility Name:PS11 Chagrin Falls, OH

Date:7/25/11

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

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLGT 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												Post Fixture On Sheet Number																				
Line Item	Building Address	Floor	Area Description	Interior or Exterior Fixture	Predecessor Space Type	Area Coding	Pre Fixture Qty	Pre Fixture Code	Pre Fixture Fixture (W)	Pre MW / Space (MW)	Existing Control Pre item	Existing Sensor Quantity when specified	Post Fixture Qty	Post Fixture Code	Post Fixture Fixture (W)	Post MW / Space (MW)	Proposed Control switch, OCC or none	Proposed Sensor Quantity when specified	Interior Change in Connected Load (W) including CFLs or Exit Signs	Interior Change in Connected Load (W) excluding CFLs or Exit Signs	Change in Connected Load (W) CFLs or LED exit sign	Applicable Coincidence Factor (CF) Estimate	Concordance Factor	Interference Factor (Intermed.)	Interaction Factor (Energy)	Pre Controls Factor	Post Controls Factor	Demand Savings (%)	Applicable Full Load Hours ESTIM Estimate	Preinstall Equivalent Full Load Hours	Actual Interior Fixture With Sensor (including CFLs or Exit Signs)	Actual Exterior Fixture With Sensor (including CFLs or Exit Signs)	Actual kWh Saved (kWh or LED exit signs only)	Actual kWh Saved (kWh only)															
e.g.	400 North Street	2	Office	Interior	Office - Small	Control Space	3	F400L	122	0.34	NONE		3	CF700-L-BX	96	0.17	OCC	3			0.17	0.17	84%	84%	34%	12%		30%		2,800	880A													1					
e.g.	Garage	1	Refrigerator	Exterior	Refrigerator - Fast Cool	Uncontrolled Space	5		30	0.05	OCC	5	5	Energy Cut Sheet 2	25	0.13	DAYLGT	5					80%	80%	34%	12%	30%	80%		1,760	880A													1A					
1	20 Shopping Plaza	1	Back Room	Interior	Other - Phase estimate CF and CFLs	Control Space	17	F400L	89	1.51	NONE		17	F400L	89	1.51	OCC	17					84%	84%	34%	12%	30%			1,720	5,720													2,900	Cut Sheet 1				
2	20 Shopping Plaza	1	Office	Interior	Other - Phase estimate CF and CFLs	Control Space	24	F400L	89	2.18	NONE		24	F400L	89	2.18	OCC	6					84%	84%	34%	12%	30%			1,720	5,720													4,100	Cut Sheet 1				
4	20 Shopping Plaza	1	Reception	Interior	Other - Phase estimate CF and CFLs	Control Space	12	F400L	89	1.02	NONE		12	F400L	89	1.02	OCC	2					84%	84%	34%	12%	30%			1,720	5,720													2,200	Cut Sheet 1				
5	20 Shopping Plaza	1	Office	Interior	Other - Phase estimate CF and CFLs	Control Space	30	F400L	89	2.87	NONE		30	F400L	89	2.87	OCC	5					84%	84%	34%	12%	30%			1,720	5,720													5,100	Cut Sheet 1				
6	20 Shopping Plaza	1	Office	Interior	Other - Phase estimate CF and CFLs	Control Space	72	F400L	89	6.41	NONE		72	F400L	89	6.41	OCC	12					84%	84%	34%	12%	30%			1,720	5,720													13,100	Cut Sheet 1				
7											NONE						NONE																																
8											NONE						NONE																																
215											NONE						NONE																																
216											NONE						NONE																																
217											NONE						NONE																																
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222											NONE						NONE																																
223											NONE						NONE																																
224											NONE						NONE																																
225											NONE						NONE																																
Totals							155			13.80			155			13.80																																26,510	

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	26,513
Total Change in Connected Load	0.00

Annual Estimated Cost Savings	\$2,651.30
Annual Operating Hours	5,720

Interior Lighting Incentive @ \$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
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)	\$1,050.00

Total Calculated Incentive	\$1,050.00
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Total Fixture Quantity excluding CFLs and LED Exit Sign	0
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	42
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
Hours given by Manager of store

Demand Savings (For Internal Use Only)	0.00
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Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	20,171
Total Change in Connected Load	0.00

Annual Estimated Cost Savings	\$2,017.10
Annual Operating Hours	8,760

Interior Lighting Incentive @ \$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
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)	\$525.00

Total Calculated Incentive	\$525.00
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Total Fixture Quantity excluding CFLs and LED Exit Sign	0
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	21
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
Hours given by store manager.

Demand Savings (For Internal Use Only)	0.00
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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.
1	OCCUPANCY SENSORS	INSTALLED OCCUPANCY SENSORS IN 2008 TO CONTROL LIGHTING IN OFFICES, REST ROOMS AND STOCK AREAS	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A

Docket No. 12-0242

Site: 4401 MAYFIELD ROAD

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE INC

Site Address: GIANT EAGLE INC * #440 - SOUTH EUCLID

Principal Address: 4401 MAYFIELD ROAD

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C) <i>Note 1</i>
2010	4,237,120	4,237,120	4,257,291
2009	4,247,040	4,247,040	4,267,211
2008	4,011,200	4,011,200	4,011,200
Average	4,165,120	4,165,120	4,178,567

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	OCCUPANCY SENSORS	06/06/2008	\$3,638	\$1,819	20,171	20,171	-	\$525	\$394
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$3,638		20,171	20,171	0	\$525	\$394

Docket No. 12-0242

Site: 4401 MAYFIELD ROAD

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	20	\$ 308	\$ 6,218	\$ 3,546	\$394	\$202	\$ 4,141	1.5
Total	20	\$ 308	6,218	3,546	\$394	\$202	4,141	1.5

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 INC ~ GIANT EAGLE INC * #440 - SOUTH EUCLID
Docket No. 12-0242

Site: 4401 MAYFIELD ROAD

Lighting Inventory Form

Applicant Name:Client Eagle

Facility Name:#515 Garage, CHI

Date:7/25/11

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

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLITG 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										Post Fixture Ckt Sheet Number								
Line Item	Building Address	Floor	Area Description	Interior or Exterior Fixture	Predecessor Space Type	Area Coding	Pre Fixture Qty	Pre Fixture Code	Pre Fixture Fixture (W)	Pre MW / Space (MW)	Existing Control Pre Item	Existing Sensor Quantity When specified	Post Fixture Qty	Post Fixture Code	Post Fixture Fixture (W)	Post MW / Space (MW)	Proposed Control When % OCC in room	Proposed Sensor Quantity When specified	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) CFLs or LED Exit sign	Applicable Coincidence Factor (CF) Estimate	Coincidence Factor	Interaction Factor (demand)	Interaction Factor (energy)	Pre Controls Factor	Post Controls Factor	Demand Savings (kW)	Applicant Equivalent Full Load Hours Estimate	Prescribed Equivalent Full Load Hours	Actual Interior Fixture With Saves (including CFLs or Exit Signs)	Actual Exterior Fixture With Saves (including CFLs or Exit Signs)	Actual kWh Saves (CFLs or LED exit signs only)	Actual kWh Saves (demand only)					
e.g.	400 North Street	2	Office	Interior	Office - Small	Control Space	3	F400L	132	0.34	NONE		3	CF700-LBX	96	0.17	OCC	3				0.13	0.17	60%	80%	34%	12%		30%		2,800	4800							1
e.g.	Garage	1	Refrigerator	Exterior	Refrigerator - Fast Cool	Uncontrolled Space	5	Exterior Ckt Sheet 1	90	0.25	OCC	5	5	Exterior Ckt Sheet 2	75	0.13	DAYLITG	5						60%	80%	34%	12%	30%	80%		1,760	4800							1
1	515 Langwood Square	1	Stockerroom	Interior	Other - Please estimate CF and CFLH	Control Space	30	F400L	89	0.27	NONE		30	F400L	89	0.27	OCC	7						64%	84%	34%	12%		30%		6,916	6,916					6,908	Cut Sheet 1	
2	515 Langwood Square	1	Refrigerator	Interior	Other - Please estimate CF and CFLH	Control Space	8	F400L	89	0.71	NONE		8	F400L	89	0.71	OCC	3						64%	84%	34%	12%		30%		6,916	6,916					1,668	Cut Sheet 1	
222											NONE						NONE																						
223											NONE						NONE																						
224											NONE						NONE																						
225											NONE						NONE																						
Totals							38			3.38	NONE		38			3.38																					7,605	7,603	

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	7,859
Total Change in Connected Load	0.00

Annual Estimated Cost Savings	\$785.90
Annual Operating Hours	6,916

Interior Lighting Incentive @ \$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
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)	\$250.00

Total Calculated Incentive	\$250.00
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Total Fixture Quantity excluding CFLs and LED Exit Sign	0
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	10
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
Hours given by Manager of store

Demand Savings (For Internal Use Only)	0.00
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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.
1	HVAC VFD INSTALLATION	AHU - VFD INSTALLATION - VFDs INSTALLED ON HVAC-1 AND HVAC-2	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A
2	Occupancy sensor installation	Installed occupancy sensors to control lighting in restrooms	See lighting calculator.	N/A

Docket No. 11-3699

Site: 8515 Tanglewood Square

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE INC

Site Address: Giant Eagle #515

Principal Address: 8515 Tanglewood Square

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C) <i>Note 1</i>
2010	3,470,610	3,470,610	3,633,035
2009	3,547,370	3,547,370	3,709,795
2008	3,499,680	3,499,680	3,499,680
Average	3,505,887	3,505,887	3,614,170

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	HVAC VFD INSTALLATION	05/07/2008	\$13,059	\$6,529	154,566	154,566	2	\$2,275	\$1,706
2	Occupancy sensor installation	06/06/2008	\$1,751	\$875	7,859	7,859	-	\$250	\$188
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
Total			\$14,809		162,425	162,425	2	\$2,525	\$1,894

Docket No. 11-3699

Site: 8515 Tanglewood Square

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	155	\$ 308	\$ 47,650	\$ 1,773	\$1,706	\$1,546	\$ 5,025	9.5
2	8	\$ 308	\$ 2,423	\$ 1,773	\$188	\$79	\$ 2,039	1.19
Total	162	\$ 308	50,072	3,546	\$1,894	\$1,624	7,064	7.1

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 INC ~ Giant Eagle #515

Docket No. 11-3699

Site: 8515 Tanglewood Square



Ohio Edison • The Illuminating Company • Toledo Edison

Project Name:	VFD install on motors HVAC-1 and HVAC-2
Site Name:	Giant Eagle #515
Completed by (Name):	Fazio Mechanical
Date completed:	5/7/2008

Variable Frequency Drive Rebate Form

VFD and Controlled Motor Nameplate DATA											Total Motor Incentive ¹ \$
Motor Application	VFD Manufacturer	VFD Model Number	Unique Motor ID(s)	Motor Location	Enclosure type: TEFC or ODP	Annual Hours of Operation ²	Load Factor (LF) ³	Motor Model Number	Motor HP	Motor Nominal Efficiency	
HVACF	Danfoss	AKD 5042	HVAC-1	Roof	ODP	6916	0.8	Unknown	40	92.40%	1,400
HVACF	Danfoss	AKD 5027	HVAC-2	Roof	ODP	6916	0.8	Unknown	25	91.00%	875
Incentive through 10/11/2011 @ \$35/hp											2,275

(1) VFD incentives (through 10/11/2011) are calculated at a flat rate of \$35 per horsepower controlled, up to a maximum of 500 hp controlled per VFD.

When a single VFD is used to control two motors in a lead/lag (standby, redundant) configuration, use only the horsepower rating of one motor to figure controlled horsepower. For instance, if a single VFD controls two 30hp motors with only one operating at a time, the incentive calculation should be based on 30 hp: 30hp x \$35/hp = \$900.

(2) For VAV fan motors, enter 2790 annual hours of operation. For HVAC pump motors, enter 5520 annual hours of operation. For all other motor usage, please estimate your annual hours of operation and attach an explanation of how you determined this value.

(3) For all motor and VFD applications, use the Load Factor (LF) default value of 0.80, unless data is available to support the use of a motor-specific LF other than 0.80. Please attach an explanation, including your analysis and/or data used, to support motor-specific LF value.

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.
1	HVAC VFD INSTALLATION	AHU - VFD INSTALLATION - VFD INSTALLED ON HVAC-1	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A
2	Occupancy sensor installation	Installed occupancy sensors to control lighting in offices, restrooms and stock areas.	See lighting calculator.	N/A

Docket No. 12-0242

Site: 27505 Chardon Road

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE INC

Site Address: Giant Eagle #1225 - Willoughby

Principal Address: 27505 Chardon Road

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C) <i>Note 1</i>
2010	3,067,520	3,067,520	3,138,417
2009	3,125,120	3,125,120	3,196,017
2008	3,106,400	3,106,400	3,106,400
Average	3,099,680	3,099,680	3,146,945

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	HVAC VFD INSTALLATION	05/07/2008	\$6,337	\$3,168	60,008	60,008	1	\$875	\$656
2	Occupancy sensor installation	06/06/2008	\$3,868	\$1,934	10,889	10,889	-	\$825	\$619
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
Total			\$10,204		70,897	70,897	1	\$1,700	\$1,275

Docket No. 12-0242

Site: 27505 Chardon Road

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	60	\$ 308	\$ 18,499	\$ 1,773	\$656	\$600	\$ 3,029	6.1
2	11	\$ 308	\$ 3,357	\$ 1,773	\$619	\$109	\$ 2,501	1.34
Total	71	\$ 308	21,856	3,546	\$1,275	\$709	5,530	4.0

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 INC ~ Giant Eagle #1225 - Willoughby
Docket No. 12-0242

Site: 27505 Chardon Road



Ohio Edison • The Illuminating Company • Toledo Edison

Project Name:	VFD install on motor HVAC-1
Site Name:	Giant Eagle # 1225
Completed by (Name):	Fazio Mechanical
Date completed:	5/7/2008

Variable Frequency Drive Rebate Form

VFD and Controlled Motor Nameplate DATA											Total Motor Incentive ¹ \$
Motor Application	VFD Manufacturer	VFD Model Number	Unique Motor ID(s)	Motor Location	Enclosure type: TEFC or ODP	Annual Hours of Operation ²	Load Factor (LF) ³	Motor Model Number	Motor HP	Motor Nominal Efficiency	
HVACF	Danfoss	AKD5027	HVAC-1	Roof	ODP	6188	0.8	Unknown	25	91.00%	875
Incentive through 10/11/2011 @ \$35/hp											875

(1) VFD incentives (through 10/11/2011) are calculated at a flat rate of \$35 per horsepower controlled, up to a maximum of 500 hp controlled per VFD.

When a single VFD is used to control two motors in a lead/lag (standby, redundant) configuration, use only the horsepower rating of one motor to figure controlled horsepower. For instance, if a single VFD controls two 30hp motors with only one operating at a time, the incentive calculation should be based on 30 hp: 30hp x \$35/hp = \$900.

(2) For VAV fan motors, enter 2790 annual hours of operation. For HVAC pump motors, enter 5520 annual hours of operation. For all other motor usage, please estimate your annual hours of operation and attach an explanation of how you determined this value.

(3) For all motor and VFD applications, use the Load Factor (LF) default value of 0.80, unless data is available to support the use of a motor-specific LF other than 0.80. Please attach an explanation, including your analysis and/or data used, to support motor-specific LF value.

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	10,889
Total Change in Connected Load	0.00

Annual Estimated Cost Savings	\$1,088.90
Annual Operating Hours	6,188

Interior Lighting Incentive @ \$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
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)	\$825.00

Total Calculated Incentive	\$825.00
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Total Fixture Quantity excluding CFLs and LED Exit Sign	0
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	33
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 Hours given by Manager of store
--

Demand Savings (For Internal Use Only)	0.00
--	------

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.
1	HVAC VFD INSTALLATION	HVAC VFD INSTALLATION - VFD INSTALLED ON HVAC-1	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A

Docket No. 12-0242

Site: 15325 EDGECLIFF AVENUE

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE INC

Site Address: GIANT EAGLE INC - #1263 - EDGELCLIFF

Principal Address: 15325 EDGECLIFF AVENUE

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C) <i>Note 1</i>
2010	2,112,699	2,112,699	2,171,416
2009	2,098,716	2,098,716	2,157,433
2008	2,925,054	2,920,628	2,920,628
Average	2,378,823	2,377,348	2,416,492

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	HVAC VFD INSTALLATION	05/07/2008	\$6,369	\$3,184	58,717	58,717	1	\$875	\$656
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$6,369		58,717	58,717	1	\$875	\$656

Docket No. 12-0242

Site: 15325 EDGECLIFF AVENUE

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	59	\$ 308	\$ 18,101	\$ 3,546	\$656	\$587	\$ 4,789	3.8
Total	59	\$ 308	18,101	3,546	\$656	\$587	4,789	3.8

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 INC ~ GIANT EAGLE INC - #1263 - EDGELCLIFF
Docket No. 12-0242

Site: 15325 EDGECLIFF AVENUE



Ohio Edison • The Illuminating Company • Toledo Edison

Project Name:	VFD INSTALL ON HVAC
Site Name:	GIANT EAGLE #1263 EDGECLIFF
Completed by (Name):	FAZIO MECHANICAL
Date completed:	5/7/2008

Variable Frequency Drive Rebate Form

VFD and Controlled Motor Nameplate DATA											Total Motor Incentive ¹ \$
Motor Application	VFD Manufacturer	VFD Model Number	Unique Motor ID(s)	Motor Location	Enclosure type: TEFC or ODP	Annual Hours of Operation ²	Load Factor (LF) ³	Motor Model Number	Motor HP	Motor Nominal Efficiency	
HVACF	DANFOSS	AKD5027	HVAC	ROOF	ODP	5720	0.75	N/A	25	93	875
Incentive through 10/11/2011 @ \$35/hp											875

(1) VFD incentives (through 10/11/2011) are calculated at a flat rate of \$35 per horsepower controlled, up to a maximum of 500 hp controlled per VFD.

When a single VFD is used to control two motors in a lead/lag (standby, redundant) configuration, use only the horsepower rating of one motor to figure controlled horsepower. For instance, if a single VFD controls two 30hp motors with only one operating at a time, the incentive calculation should be based on 30 hp: 30hp x \$35/hp = \$900.

(2) For VAV fan motors, enter 2790 annual hours of operation. For HVAC pump motors, enter 5520 annual hours of operation. For all other motor usage, please estimate your annual hours of operation and attach an explanation of how you determined this value.

(3) For all motor and VFD applications, use the Load Factor (LF) default value of 0.80, unless data is available to support the use of a motor-specific LF other than 0.80. Please attach an explanation, including your analysis and/or data used, to support motor-specific LF value.

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.
1	HVAC VFD INSTALLATION	AHU - INSTALLATION - VFDs INSTALLED ON HVAC-1	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A

Docket No. 12-0242

Site: 31990 Walker Road

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE, INC

Site Address: Giant Eagle #1284 - Avon Lake

Principal Address: 31990 Walker Road

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C) <i>Note 1</i>
2010	4,062,660	4,062,660	4,133,121
2009	3,780,310	3,780,310	3,850,771
2008	3,911,040	3,906,600	3,906,600
Average	3,918,003	3,916,523	3,963,497

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	HVAC VFD INSTALLATION	07/02/2008	\$10,039	\$5,020	70,461	70,461	1	\$1,050	\$788
					-	-	-	\$425	
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$10,039		70,461	70,461	1	\$1,475	\$788

Docket No. 12-0242

Site: 31990 Walker Road

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	70	\$ 308	\$ 21,722	\$ 3,546	\$788	\$705	\$ 5,038	4.3
Total	70	\$ 308	21,722	3,546	\$788	\$705	5,038	4.3

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, INC ~ Giant Eagle #1284 - Avon Lake
Docket No. 12-0242

Site: 31990 Walker Road



Ohio Edison • The Illuminating Company • Toledo Edison

Project Name:	VFD install on motor HVAC-1
Site Name:	Giant Eagle #1284
Completed by (Name):	Fazio Mechanical
Date completed:	7/2/2008

Variable Frequency Drive Rebate Form

VFD and Controlled Motor Nameplate DATA											Total Motor Incentive ¹ \$
Motor Application	VFD Manufacturer	VFD Model Number	Unique Motor ID(s)	Motor Location	Enclosure type: TEFC or ODP	Annual Hours of Operation ²	Load Factor (LF) ³	Motor Model Number	Motor HP	Motor Nominal Efficiency	
HVACF	Emerson	SK3402	HVAC-1	Roof	ODP	8760	0.8	Unknown	30	93.00%	1,050
Incentive through 10/11/2011 @ \$35/hp											1,050

(1) VFD incentives (through 10/11/2011) are calculated at a flat rate of \$35 per horsepower controlled, up to a maximum of 500 hp controlled per VFD.

When a single VFD is used to control two motors in a lead/lag (standby, redundant) configuration, use only the horsepower rating of one motor to figure controlled horsepower. For instance, if a single VFD controls two 30hp motors with only one operating at a time, the incentive calculation should be based on 30 hp: 30hp x \$35/hp = \$900.

(2) For VAV fan motors, enter 2790 annual hours of operation. For HVAC pump motors, enter 5520 annual hours of operation. For all other motor usage, please estimate your annual hours of operation and attach an explanation of how you determined this value.

(3) For all motor and VFD applications, use the Load Factor (LF) default value of 0.80, unless data is available to support the use of a motor-specific LF other than 0.80. Please attach an explanation, including your analysis and/or data used, to support motor-specific LF value.

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.
1	HVAC VFD INSTALLATION	HVAC VFD INSTALLATION - VFD INSTALLATION ON HVAC-1 AND HVAC-2	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A
2	OCCUPANCY SENSORS	INSTALLED OCCUPANCY SENSORS IN 2008 TO CONTROL LIGHTING IN OFFICES, REST ROOMS AND STOCK AREAS	SEE LIGHTING CALCULATOR	N/A

Docket No. 12-0242

Site: 13820 LORAIN ROAD

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE, INC

Site Address: GIANT EAGLE, INC - #1298 - CLEVELAND

Principal Address: 13820 LORAIN ROAD

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C) <i>Note 1</i>
2010	3,282,600	3,282,600	3,417,309
2009	3,101,700	3,101,700	3,236,409
2008	3,304,800	3,304,800	3,304,800
Average	3,229,700	3,229,700	3,319,506

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	HVAC VFD INSTALLATION	06/18/2008	\$11,748	\$5,874	118,893	118,893	1	\$1,750	\$1,313
2	OCCUPANCY SENSORS	06/06/2008	\$3,725	\$1,863	15,816	15,816	-	\$825	\$619
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
Total			\$15,473		134,709	134,709	1	\$2,575	\$1,931

Docket No. 12-0242

Site: 13820 LORAIN ROAD

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	119	\$ 308	\$ 36,652	\$ 1,773	\$1,313	\$1,189	\$ 4,274	8.6
2	16	\$ 308	\$ 4,876	\$ 1,773	\$619	\$158	\$ 2,550	1.91
Total	135	\$ 308	41,528	3,546	\$1,931	\$1,347	6,824	6.1

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, INC ~ GIANT EAGLE, INC - #1298 - CLEVELAND
Docket No. 12-0242

Site: 13820 LORAIN ROAD



Ohio Edison • The Illuminating Company • Toledo Edison

Project Name:	VFD INSTALL ON HVAC-1 & HVAC-2
Site Name:	GIANT EAGLE #1298 - CLEVELAND
Completed by (Name):	FAZIO MECHANICAL
Date completed:	6/18/2008

Variable Frequency Drive Rebate Form

VFD and Controlled Motor Nameplate DATA											Total Motor Incentive ¹ \$
Motor Application	VFD Manufacturer	VFD Model Number	Unique Motor ID(s)	Motor Location	Enclosure type: TEFC or ODP	Annual Hours of Operation ²	Load Factor (LF) ³	Motor Model Number	Motor HP	Motor Nominal Efficiency	
HVACF	DANFOSS	AKD5032	HVAC-1	ROOF	ODP	4680	0.74	N/A	30	93	1,050
HVACF	EMERSON	SK2403	HVAC-2	ROOF	ODP	4680	0.74	N/A	20	90.2	700
Incentive through 10/11/2011 @ \$35/hp											1,750

(1) VFD incentives (through 10/11/2011) are calculated at a flat rate of \$35 per horsepower controlled, up to a maximum of 500 hp controlled per VFD.

When a single VFD is used to control two motors in a lead/lag (standby, redundant) configuration, use only the horsepower rating of one motor to figure controlled horsepower. For instance, if a single VFD controls two 30hp motors with only one operating at a time, the incentive calculation should be based on 30 hp: 30hp x \$35/hp = \$900.

(2) For VAV fan motors, enter 2790 annual hours of operation. For HVAC pump motors, enter 5520 annual hours of operation. For all other motor usage, please estimate your annual hours of operation and attach an explanation of how you determined this value.

(3) For all motor and VFD applications, use the Load Factor (LF) default value of 0.80, unless data is available to support the use of a motor-specific LF other than 0.80. Please attach an explanation, including your analysis and/or data used, to support motor-specific LF value.

Lighting Inventory Form

Applicant Name:Client Eagle #1298

Facility Name:Client Eagle #1298

Date:7/25/2011

Instructions: Please use one line for each fixture type in a room or area.
For existing or proposed control, choose OCC for Occupancy Sensor, DAYLGT 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										Post Fixture On Sheet Number
Line Item	Building Address	Floor	Area Description	Interior or Exterior Fixture	Predecessor Space Type	Area Coding	Pre Fixture Qty	Pre Fixture Code	Pre Fixture Watts (W)	Pre MW / Space (MW)	Existing Control (Pre Item)	Existing Sensor Quantity (When specified)	Post Fixture Qty	Post Fixture Code	Post Fixture Watts (W)	Post MW / Space (MW)	Proposed Control (When % OCC is None)	Proposed Sensor Quantity (When specified)	Interior Change in Connected Load (kW) including CFLs or Exit Signs	Interior Change in Connected Load (kW) excluding CFLs or Exit Signs	Change in Connected Load (kW) CFLs or LED Exit sign	Applicable Coincidence Factor (CF) Estimate	Conductance Factor	Insulation Factor (demand)	Interaction Factor (energy)	Pre Controls Factor	Post Controls Factor	Demand Savings (kW)	Applicable Equivalent Full Load Hours (EFLH) Estimate	Proposed Equivalent Full Load Hours	Actual Interior Fixture With Saves (including CFLs or Exit Signs)	Actual Exterior Fixture With Saves (including CFLs or Exit Signs)	Actual kWh Saves (CFLs or LED exit signs only)	Actual kWh Saves (all items only)																										
a.a.	400 North Street	2	Office	Interior	Office - Small	Cooler Space	3	F48BL	132	0.34	NONE		3	CF750-L-BX	36	0.17	OCC	3				0.17	0.17	60%	80%	34%	12%		30%		2,858	88%					1																							
a.b.	Garage	1	Refrigerator	Exterior	Refrigerator - Fast Cool	Uncooled Space	5	Exterior Exit Street 1	30	0.05	OCC	5	5	Exterior Exit Street 2	25	0.13	DAYLGT	5						60%	80%		30%	60%				1,795	88%					1																						
1	11820 Loran Road	1	Office	Interior	Office - Please estimate CF and EFLH	Cooler Space	40	F48LL	59	3.58	NONE		40	F48LL	59	3.58	OCC	10						74%	74%	34%	12%		30%		4,553	6,552					7,837	Exit Street 2																						
2	11820 Loran Road	1	Warehouse	Interior	Office - Please estimate CF and EFLH	Cooler Space	21	Exit Street 2	114	2.39	NONE		21	Exit Street 2	114	2.39	OCC	21						74%	74%	34%	12%		30%		4,553	6,552					9,970	Exit Street 2																						
3	11820 Loran Road	1	Office	Interior	Office - Please estimate CF and EFLH	Medium temperature refrigerated space	12	F48LL	39	1.97	NONE		12	F48LL	39	1.97	OCC	2						74%	74%	34%	20%		30%		4,553	6,552					2,736	Exit Street 2																						
4											NONE						NONE																																											
5											NONE						NONE																																											
6											NONE						NONE																																											
133											NONE						NONE																																											
134											NONE						NONE																																											
135											NONE						NONE																																											
Totals							73			7.84			73		7.84																						15,816																							

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	15,816
Total Change in Connected Load	0.00

Annual Estimated Cost Savings	\$1,581.60
Annual Operating Hours	6,552

Interior Lighting Incentive @ \$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
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)	\$825.00

Total Calculated Incentive	\$825.00
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Total Fixture Quantity excluding CFLs and LED Exit Sign	0
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	33
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

Store hours provided by manager.

Demand Savings (For Internal Use Only)	0.00
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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.
1	Variable Frequency Drive Installation	AHU - INSTALLATION - VFDs INSTALLED ON HVAC NORTH and HVAC SOUTH	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A

Docket No. 12-0242

Site: 50 West Bridge Street

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE, INC

Site Address: Giant Eagle #2108 - Berea

Principal Address: 50 West Bridge Street

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) <i>Note 1</i>
2010	3,229,412	3,229,412	3,349,429
2009	3,076,805	3,076,805	3,196,822
2008	3,052,949	3,052,949	3,052,949
Average	3,119,722	3,119,722	3,199,733

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	Variable Frequency Drive Installation	06/18/2008	\$11,977	\$5,989	120,017	120,017	1	\$1,750	\$1,313
					-	-	-	\$425	
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$11,977		120,017	120,017	1	\$2,175	\$1,313

Docket No. 12-0242

Site: 50 West Bridge Street

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	120	\$ 308	\$ 36,999	\$ 3,546	\$1,313	\$1,200	\$ 6,059	6.1
Total	120	\$ 308	36,999	3,546	\$1,313	\$1,200	6,059	6.1

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, INC ~ Giant Eagle #2108 - Berea
Docket No. 12-0242

Site: 50 West Bridge Street



Ohio Edison • The Illuminating Company • Toledo Edison

Project Name:	VFD install on motors HVAC NORTH and HVAC SOUTH
Site Name:	Giant Eagle #2108
Completed by (Name):	Fazio Mechanical
Date completed:	5/14/2008

Variable Frequency Drive Rebate Form

VFD and Controlled Motor Nameplate DATA											Total Motor Incentive ¹ \$
Motor Application	VFD Manufacturer	VFD Model Number	Unique Motor ID(s)	Motor Location	Enclosure type: TEFC or ODP	Annual Hours of Operation ²	Load Factor (LF) ³	Motor Model Number	Motor HP	Motor Nominal Efficiency	
HVACF	Danfoss	AKD5027	HVAC NOR	Roof	ODP	6916	0.8	Unknown	25	91.00%	875
HVACF	Emerson	SK3401	HVAC SOUT	Roof	ODP	6916	0.8	Unknown	25	91.00%	875
Incentive through 10/11/2011 @ \$35/hp											1,750

(1) VFD incentives (through 10/11/2011) are calculated at a flat rate of \$35 per horsepower controlled, up to a maximum of 500 hp controlled per VFD.

When a single VFD is used to control two motors in a lead/lag (standby, redundant) configuration, use only the horsepower rating of one motor to figure controlled horsepower. For instance, if a single VFD controls two 30hp motors with only one operating at a time, the incentive calculation should be based on 30 hp: 30hp x \$35/hp = \$900.

(2) For VAV fan motors, enter 2790 annual hours of operation. For HVAC pump motors, enter 5520 annual hours of operation. For all other motor usage, please estimate your annual hours of operation and attach an explanation of how you determined this value.

(3) For all motor and VFD applications, use the Load Factor (LF) default value of 0.80, unless data is available to support the use of a motor-specific LF other than 0.80. Please attach an explanation, including your analysis and/or data used, to support motor-specific LF value.

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.
1	Occupancy sensor installation	Installed occupancy sensors to control lighting in offices.	See attached lighting calculator for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in section 3.4 of the international performance and measurement & verification protocol.	N/A
2	Variable frequency drive installation on HVAC-2	Installed a variable frequency drive on HVAC-2 in order to vary fan speed based on HVAC load.	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in section 3.4 of the international performance and measurement & verification protocol.	N/A

Docket No. 12-0242

Site: 6556 North Ridge Road

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE INC

Site Address: Giant Eagle #4097 North Madison

Principal Address: 6556 North Ridge Road

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) <i>Note 1</i>
2010	3,076,000	3,076,000	3,148,311
Average	3,076,000	3,076,000	3,148,311

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	Occupancy sensor installation	06/06/2008	\$5,695	\$2,847	35,986	35,986	-	\$800	\$600
2	Variable frequency drive installation on HVAC-2	07/02/2008	\$9,276	\$4,638	36,325	36,325	1	\$525	\$394
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
Total			\$14,971		72,311	72,311	1	\$1,325	\$994

Docket No. 12-0242

Site: 6556 North Ridge Road

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	36	\$ 308	\$ 11,094	\$ 1,773	\$600	\$360	\$ 2,733	4.1
2	36	\$ 308	\$ 11,198	\$ 1,773	\$394	\$363	\$ 2,530	4.43
Total	72	\$ 308	22,292	3,546	\$994	\$723	5,263	4.2

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 INC ~ Giant Eagle #4097 North Madison
Docket No. 12-0242

Site: 6556 North Ridge Road



Ohio Edison • The Illuminating Company • Toledo Edison

Project Name:	HVAC-2 VFD install
Site Name:	Giant Eagle #4097 North Madison
Completed by (Name):	Fazio Mechanical
Date completed:	7/2/2008

Variable Frequency Drive Rebate Form

VFD and Controlled Motor Nameplate DATA											Total Motor Incentive ¹ \$
Motor Application	VFD Manufacturer	VFD Model Number	Unique Motor ID(s)	Motor Location	Enclosure type: TEFC or ODP	Annual Hours of Operation ²	Load Factor (LF) ³	Motor Model Number	Motor HP	Motor Nominal Efficiency	
HVACF	Emerson	SK2403	HVAC-2	Roof	ODP	5538	0.8	Unknown	15	90.20%	525
Incentive through 10/11/2011 @ \$35/hp											525

(1) VFD incentives (through 10/11/2011) are calculated at a flat rate of \$35 per horsepower controlled, up to a maximum of 500 hp controlled per VFD.

When a single VFD is used to control two motors in a lead/lag (standby, redundant) configuration, use only the horsepower rating of one motor to figure controlled horsepower. For instance, if a single VFD controls two 30hp motors with only one operating at a time, the incentive calculation should be based on 30 hp: 30hp x \$35/hp = \$900.

(2) For VAV fan motors, enter 2790 annual hours of operation. For HVAC pump motors, enter 5520 annual hours of operation. For all other motor usage, please estimate your annual hours of operation and attach an explanation of how you determined this value.

(3) For all motor and VFD applications, use the Load Factor (LF) default value of 0.80, unless data is available to support the use of a motor-specific LF other than 0.80. Please attach an explanation, including your analysis and/or data used, to support motor-specific LF value.

Lighting Inventory Form

Applicant Name: Giant Eagle #4007

Facility Name: Giant Eagle Store #4007 North Madison Ohio

Date: 7/26/2011

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

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLTO 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										Post Fixture Cut Sheet Number
Line Item	Building Address	Floor	Area Description	Interior or Exterior Fixture	Predecessor Space Type	Area Coding	Pre Fixture Qty	Pre Fixture Code	Pre Fixture Fixture (W)	Pre MW / Space (kW)	Existing Control Pre Item	Existing Sensor Quantity When specified	Post Fixture Qty	Post Fixture Code	Post Fixture Fixture (W)	Post MW / Space (kW)	Proposed Control (OCC, DAYLTO, or None)	Proposed Sensor Quantity When specified	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) CFL or LED exit sign	Applicable Coincidence Factor (CF) Estimate	Coincidence Factor	Interference Factor (Intermed.)	Interaction Factor (energy)	Pre Controls Factor	Post Controls Factor	Demand Savings (kW)	Applicable Equivalent Full Load Hours (EFLH) Estimate	Pre-install Equivalent Full Load Hours	Actual Interior Fixture with Savings (including CFLs or Exit Signs)	Actual Exterior Fixture with Savings (including CFLs or Exit Signs)	Actual kWh Saved (CFLs or LED exit signs only)	Annual kWh Saved (Sensors only)						
4.0	400 North Street	2	Office	Interior	Office - Small	Control Space	3	F400L	112	0.34	NONE		3	CF750-LBX	96	0.17	OCC	3				0.17	0.17	84%	88%	34%	12%	30%		2,800	88%							1		
4.01	Emergency	1	Receptionist	Interior	Receptionist - Fast Food	Uncontrolled Space	3	Emergency Exit Street 1	96	0.28	OCC	3	3	Emergency Exit Street 2	96	0.13	DAYLTO	3						85%	88%	34%	12%	30%		2,800	88%							1		
1	2055 North Ridge Road	1	Office	Interior	Other - Please estimate CF and EFLH	Control Space	86	F430L	88	3.20	NONE		86	F430L	88	3.20	OCC	9						84%	84%	34%	12%	30%		6,916	6,916					7,448	Cut Sheet 6			
2	2055 North Ridge Road	1	Office	Interior	Other - Please estimate CF and EFLH	Control Space	64	F430L	88	4.81	NONE		64	F430L	88	4.81	OCC	3						84%	84%	34%	12%	30%		6,916	6,916					11,189	Cut Sheet 4			
3	2055 North Ridge Road	1	Office	Interior	Other - Please estimate CF and EFLH	Control Space	72	F430L	88	6.41	NONE		72	F430L	88	6.41	OCC	12						84%	84%	34%	12%	30%		6,916	6,916					14,491	Cut Sheet 5			
4	2055 North Ridge Road	1	Office	Interior	Other - Please estimate CF and EFLH	Control Space	12	F430L	88	1.07	NONE		12	F430L	88	1.07	OCC	2						84%	84%	34%	12%	30%		6,916	6,916					2,480	Cut Sheet 7			
5											NONE						NONE																							
222											NONE						NONE																							
223											NONE						NONE																							
224											NONE						NONE																							
225											NONE						NONE																							
Totals							174			18.48			174		18.48																						35,886			

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	35,986
Total Change in Connected Load	0.00

Annual Estimated Cost Savings	\$3,598.60
Annual Operating Hours	6,916

Interior Lighting Incentive @ \$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
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)	\$800.00

Total Calculated Incentive	\$800.00
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Total Fixture Quantity excluding CFLs and LED Exit Sign	0
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	32
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
Store manager provided hours of operation.

Demand Savings (For Internal Use Only)	0.00
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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.
1	Occupancy sensor installation	Installed occupancy sensors to control lighting in offices, restrooms, and stock areas.	See attached lighting calculator for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance and measurement and verification protocol.	N/A
2	Lighting Upgrade	Replaced (310) - 360 watt metal halide fixtures with 310 - 6 lamp T8 fluorescent fixtures.	See attached lighting calculator for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance and measurement and verification protocol.	1 to 2 years as lamps and ballast fail. The decision was made to replace the 360 watt metal halide fixtures with T8 fluorescent technology for the energy savings, increase in light levels and maintenance savings.

Docket No. 12-0242

Site: 351 Center Street

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE, INC

Site Address: Giant Eagle #4098 - Chardon

Principal Address: 351 Center Street

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C) <i>Note 1</i>
2010	3,751,800	3,751,800	4,321,473
2009	3,616,800	3,616,800	4,183,452
2008	3,600,000	3,600,000	3,600,000
Average	3,656,200	3,656,200	4,034,975

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	Occupancy sensor installation	06/06/2008	\$4,329	\$2,165	16,775	16,775	-	\$675	\$506
2	Lighting Upgrade	01/02/2009	\$77,500	\$38,750	552,898	552,898	82	\$65,472	\$38,750
					-	-	-	\$66,147	
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
	Total		\$81,829		569,673	569,673	82	\$66,147	\$39,256

Docket No. 12-0242

Site: 351 Center Street

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	17	\$ 308	\$ 5,171	\$ 1,773	\$506	\$168	\$ 2,447	2.1
2	553	\$ 308	\$ 170,447	\$ 1,773	\$38,750	\$5,529	\$ 46,052	3.70
Total	570	\$ 308	175,619	3,546	\$39,256	\$5,697	48,499	3.6

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, INC ~ Giant Eagle #4098 - Chardon
Docket No. 12-0242

Site: 351 Center Street

Lighting Inventory Form

Applcator Name: Client Eagle #4098

Facility Name: Client Eagle Store #4038 Chardon, Ohio

Date: 7/26/2011

Instructions: Please use one line for each fixture type in a room or area.
For existing or proposed control, choose OCC for Occupancy Sensor, DAYLGT 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	Predecessor Space Type	Area Coding	Pre Fixture Qty	Pre Fixture Code	Pre Fixture / Fixture (W)	Pre MW / Space (kW)	Existing Control Pre Item	Existing Sensor Quantity When specified	Post Fixture Qty	Post Fixture Code	Post Fixture / Fixture (W)	Post MW / Space (kW)	Proposed Control Item/Qty OCC or none	Proposed Sensor Quantity When specified	Interior Change in Connected Load (kW) including CFLs or Exit Signs	Sensor Change in Connected Load (kW) excluding CFLs or Exit Signs	Change in Connected Load (kW) CFLs or LED exit sign	Applicable Coincidence Factor (CF) Estimate	Conductance Factor	Insulation Factor (demand)	Interaction Factor (energy)	Pre Controls Factor	Post Controls Factor	Demand Savings (kW)	Applicable Equivalent Full Load Hours Estimate	Proposed Equivalent Full Load Hours	Actual Interior Fixture With Sensor (including CFLs or Exit Signs)	Actual Exterior Fixture With Sensor (including CFLs or Exit Signs)	Actual kWh Saved (CFLs or LED exit signs only)	Actual kWh Saved (Sensors only)	Post Fixture On Sheet Number			
e.g. 400 North Street	2	Office	Interior	Office - Small	Control Space	3	FA001	122	0.34	NONE			3	CF702-LBX	96	0.37	OCC	3		0.37	0.17	40%	80%	34%	12%			30%	30%	2,808	88%							1
e.g. 400 North Street	1	Restaurant	Exterior	Restaurant - Fast Food	Uncontrolled Space	5	Exterior Exit Sign 1	30	0.05	OCC	5	5	5	Exterior Exit Sign 2	25	0.13	DAYLGT	5		0.13			40%	80%	34%	12%	30%	30%	30%	2,808	88%							1
1	301 Center Street	1	Salon Floor	Interior	Other - Please include CF and EFLH	Control Space	310	AP40071	420	133.30	NONE		310	Exit Sign 1	108	0.348	NONE	15	0.184											50.12	4.033	4.033	404.508					Exit Sign 1
2																																						
3																																						
4																																						
5																																						
200																																						
201																																						
222																																						
223																																						
224																																						
225																																						
226																																						
Totals							310			133.30			310			0.348			0.184										50.12		4.033	404.508					350.898	

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	552,898
Total Change in Connected Load	81.84

Annual Estimated Cost Savings	\$55,289.80
Annual Operating Hours	6,032

Interior Lighting Incentive @ \$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$65,472.00
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	\$65,472.00
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Total Fixture Quantity excluding CFLs and LED Exit Sign	310
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
Store manager provided actual hours of operation.

Demand Savings (For Internal Use Only)	81.84
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Lighting Inventory Form

Appl/Client Name:Client Eagle #4098

Facility Name:Client Eagle Store #4038 Chardon, Ohio

Date:7/26/2011

Instructions: Please use one line for each fixture type in a room or area.
For existing or proposed control, choose OCC for Occupancy Sensor, DAYLGT 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										Post Fixture On Sheet Number																			
Line Item	Building Address	Floor	Area Description	Interior or Exterior Fixture	Predecessor Space Type	Area Coding	Pre Fixture Qty	Pre Fixture Code	Pre Watts / Fixture (W)	Pre kW / Space (kW)	Existing Control Type	Existing Sensor Quantity When specified	Post Fixture Qty	Post Fixture Code	Post Watts / Fixture (W)	Post kW / Space (kW)	Proposed Control Sensor Switch % of existing load or new load	Proposed Sensor Quantity When specified	Interior Change in Connected Load (kW) including CFLs or Exit Signs	Interior Change in Connected Load (kW) CFLs or LED exit sign	Change in Connected Load (kW) CFLs or LED exit sign	Applicable Coincidence Factor (CF) Estimate	Condensation Factor	Insulative Factor (demand)	Interactive Factor (energy)	Pre Controls Factor	Post Controls Factor	Demand Savings (kW)	Applicable Equivalent Full Load Hours (EST/CL) Estimate	Proposed Equivalent Full Load Hours	Proposed Fixture With Sensor (including CFLs or Exit Signs)	Actual Interior Fixture With Sensor (including CFLs or Exit Signs)	Actual Exterior Fixture With Sensor (including CFLs or Exit Signs)	Actual kWh Saved (CFLs or LED exit signs only)	Actual kWh Saved (Sensors only)													
e.g. 400 North Street	2	Office	Interior	Office - Small	Control Space		3	F400L	122	0.34	NONE		3	CF700-L-BX	96	0.17	OCC	3		0.17	0.17	84%	80%	34%	12%		30%		2,800	880A														1				
e.g. 400 North Street	1	Reception	Exterior	Reception - Fast Food	Uncontrolled Space		5	F400L	90	0.25	OCC	5	5	Exterior Exit Street 2	25	0.13	DAYLIT	5		0.13							30%	80%		1,760	880A																	1A
1	301 Center Street	1	Offices	Interior	Other - Please estimate CF and CFL/L	Control Space	45	F400L	89	4.51	NONE		45	F400L	89	4.51	OCC	15					84%	84%	34%	12%		30%		1,032	6,032																6,110	Exit Street 1
2	301 Center Street	1	Offices	Interior	Other - Please estimate CF and CFL/L	Control Space	48	F400L	89	4.27	NONE		48	F400L	89	4.27	OCC	12					84%	84%	34%	12%		30%		1,032	6,032																Exit Street 1	
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229																																																
Totals							95		8.26			95		8.26																																		16,976

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	16,775
Total Change in Connected Load	0.00

Annual Estimated Cost Savings	\$1,677.50
Annual Operating Hours	6,032

Interior Lighting Incentive @ \$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
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)	\$675.00

Total Calculated Incentive	\$675.00
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Total Fixture Quantity excluding CFLs and LED Exit Sign	0
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	27
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 Store manager provided actual hours of operation.
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Demand Savings (For Internal Use Only)	0.00
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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.
1	Occupancy sensor installation	Installed occupancy sensors to control lighting in office and stock room.	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement and verification protocol.	N/A
2	Variable frequency drive installation	Installed variable frequency drive on RTU2 in order to vary fan speed based on building HVAC load.	See attached spreadsheets for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	N/A

Docket No. 12-0242

Site: 24601 Chagrin

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE INC

Site Address: Giant Eagle #5830 Beachwood

Principal Address: 24601 Chagrin

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) <i>Note 1</i>
2010	3,897,835	3,897,835	3,966,459
Average	3,897,835	3,897,835	3,966,459

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	Occupancy sensor installation	06/06/2008	\$2,186	\$1,093	8,616	8,616	-	\$500	\$375
2	Variable frequency drive installation	07/02/2008	\$5,602	\$2,801	60,008	60,008	1	\$875	\$656
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
	Total		\$7,788		68,624	68,624	1	\$1,375	\$1,031

Docket No. 12-0242

Site: 24601 Chagrin

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	9	\$ 308	\$ 2,656	\$ 1,773	\$375	\$86	\$ 2,234	1.2
2	60	\$ 308	\$ 18,499	\$ 1,773	\$656	\$600	\$ 3,029	6.11
Total	69	\$ 308	21,155	3,546	\$1,031	\$686	5,263	4.0

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 INC ~ Giant Eagle #5830 Beachwood
Docket No. 12-0242

Site: 24601 Chagrin



Ohio Edison • The Illuminating Company • Toledo Edison

Project Name:	Variable frequency drive installation on RTU 2
Site Name:	Giant Eagle #5830
Completed by (Name):	Fazio Mechanical
Date completed:	7/2/2008

Variable Frequency Drive Rebate Form

VFD and Controlled Motor Nameplate DATA											Total Motor Incentive ¹ \$
Motor Application	VFD Manufacturer	VFD Model Number	Unique Motor ID(s)	Motor Location	Enclosure type: TEFC or ODP	Annual Hours of Operation ²	Load Factor (LF) ³	Motor Model Number	Motor HP	Motor Nominal Efficiency	
HVACF	Emerson	SK3401	RTU2	Roof	ODP	5538	0.8	Unknown	25	91.00%	875
Incentive through 10/11/2011 @ \$35/hp											875

(1) VFD incentives (through 10/11/2011) are calculated at a flat rate of \$35 per horsepower controlled, up to a maximum of 500 hp controlled per VFD.

When a single VFD is used to control two motors in a lead/lag (standby, redundant) configuration, use only the horsepower rating of one motor to figure controlled horsepower. For instance, if a single VFD controls two 30hp motors with only one operating at a time, the incentive calculation should be based on 30 hp: 30hp x \$35/hp = \$900.

(2) For VAV fan motors, enter 2790 annual hours of operation. For HVAC pump motors, enter 5520 annual hours of operation. For all other motor usage, please estimate your annual hours of operation and attach an explanation of how you determined this value.

(3) For all motor and VFD applications, use the Load Factor (LF) default value of 0.80, unless data is available to support the use of a motor-specific LF other than 0.80. Please attach an explanation, including your analysis and/or data used, to support motor-specific LF value.

Lighting Inventory Form

Applicant Name: Giant Eagle #5830

Facility Name: Giant Eagle Store #5830 Beachwood, Ohio

Date: 7/25/2011

Instructions: Please use one line for each fixture type in a room or area.
For existing or proposed control, choose OCC for Occupancy Sensor, DAYLGT 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	Predecessor Space Type	Area Coding	Pre Fixture Qty	Pre Fixture Code	Pre Fixture Power (W)	Pre MW / Space (kW)	Existing Control Pre Item	Existing Sensor Quantity when applicable	Post Fixture Qty	Post Fixture Code	Post Fixture Power (W)	Post MW / Space (kW)	Proposed Control (Control Pre Item, OCC or NONE)	Proposed Sensor Quantity when applicable	Wattage Change In Connected Load (W) excluding CFLs or Exit Signs	Wattage Change In Connected Load (W) including CFLs or Exit Signs	Change In Connected Load (W) CFL or LED exit sign	Applicable Coincidence Factor (CF) Estimate	Correction Factor	Interference Factor (Intermittent)	Interaction Factor (Energy)	Pre Controls Factor	Post Controls Factor	Demand Savings (%)	Applicable Equivalent Full Load Hours (EFLH) Estimate	Pre-install Equivalent Full Load Hours	Actual Interior Fixture with Saved (including CFLs or Exit Signs)	Actual Exterior Fixture with Saved (including CFLs or Exit Signs)	Actual kWh Saved (CFLs or LED exit signs only)	Actual kWh Saved (Sensors only)	Post Fixture Qty Sheet Number				
4.0	400 North Street	2	Office	Interior	Office - Small	Control Space	3	F48BL	112	0.34	NONE		3	CF750-LBX	96	0.27	OCC	3		0.17	0.17	85%	88%	34%	12%		30%		2,800	88%								1	
4.01	Emergency	1	Receptionist	Exterior	Receptionist - Exit Code	Uncontrolled Space	5	Emergency Exit Sheet 1	90	0.25	OCC	5	Emergency Exit Sheet 2	90	0.25	DAYLGT	5			0.13			85%	88%	34%	12%	30%	85%		2,760	88%								1A
1	24801 Chapin Boulevard	1	Office	Interior	Other - Please estimate CF and EFLH	Control Space	32	F48BL	88	2.55	NONE		32	F48BL	88	2.55	OCC	8					85%	88%	34%	12%		30%		6,110	6,188					2,690			Exit Sheet 5
2	24801 Chapin Boulevard	1	Stock Room	Interior	Other - Please estimate CF and EFLH	Control Space	12	Exit Street 2	108	1.30	NONE		12	Exit Street 2	108	1.30	OCC	12					85%	88%	34%	12%		30%		6,188	6,188					2,690			Exit Sheet 2.1
3																																							
4																																							
5																																							
6																																							
7																																							
8																																							
90A																																							
90B																																							
Totals							44		4.14				44		4.14																				8,811		8,811		

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	8,616
Total Change in Connected Load	0.00

Annual Estimated Cost Savings	\$861.60
Annual Operating Hours	6,188

Interior Lighting Incentive @ \$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
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)	\$500.00

Total Calculated Incentive	\$500.00
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Total Fixture Quantity excluding CFLs and LED Exit Sign	0
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	20
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
Store manager provided hours of operation.

Demand Savings (For Internal Use Only)	0.00
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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.
1	Occupancy sensor installation	Installed occupancy sensors to control lighting in offices	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement and verification protocol.	N/A

Docket No. 12-0242

Site: 6259 Mayfield Road

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE INC

Site Address: Giant Eagle #5836 - Mayfield Heights

Principal Address: 6259 Mayfield Road

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C) <i>Note 1</i>
2010	3,273,685	3,273,685	3,289,969
Average	3,273,685	3,273,685	3,289,969

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	Occupancy sensor installation	06/06/2008	\$4,930	\$2,465	16,284	16,284	-	\$450	\$338
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$4,930		16,284	16,284	0	\$450	\$338

Docket No. 12-0242

Site: 6259 Mayfield Road

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	16	\$ 308	\$ 5,020	\$ 3,546	\$338	\$163	\$ 4,046	1.2
Total	16	\$ 308	5,020	3,546	\$338	\$163	4,046	1.2

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 INC ~ Giant Eagle #5836 - Mayfield Heights
Docket No. 12-0242

Site: 6259 Mayfield Road

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	16,284
Total Change in Connected Load	0.00

Annual Estimated Cost Savings	\$1,628.40
Annual Operating Hours	6,188

Interior Lighting Incentive @ \$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$0.00
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)	\$450.00

Total Calculated Incentive	\$450.00
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Total Fixture Quantity excluding CFLs and LED Exit Sign	0
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	18
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
Customer provided hours of operation.

Demand Savings (For Internal Use Only)	0.00
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Lighting Inventory Form

Applicant NameClient Eagle

Facility Name#6377 Painesville, OH

Date7.25.11

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

For existing or proposed control, choose OCC for Occupancy Sensor, DAYLTD 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										Post Fixture Cut Sheet Number								
Building Address	Floor	Area Description	Interior or Exterior Fixture	Room/Room Space Type	Area Coating	Pre Fixture Qty	Pre Fixture Code	Pre Watts / Fixture (W)	Pre kW / Space (kW)	Existing Control req. (Y/N)	Existing Sensor Quantity When Installed	Post Fixture Qty	Post Fixture Code	Post Watts / Fixture (W)	Post kW / Space (kW)	Proposed Control Presume controls, OCC or None	Proposed Sensor Quantity When Installed	Wattage Change In Connected Load (kW) Excluding CFLs or Exit Signs	Wattage Change In Connected Load (kW) Including CFLs or Exit Signs	Change In Connected Load (kW) CFLs or LED exit signs	Applicant Coincidence Factor (CF) Estimate	Calculation Factor	Interruption Factor (demand)	Interrupter Factor (energy)	Pre Controls Factor	Post Controls Factor	Percent Savings (kW)	Applicant Equivalent Full Load Hours (EFLH) Estimate	Proposed Equivalent Full Load Hours	Annual Interior Fixture kWh Saved (including CFLs or Exit Signs)	Annual Exterior Fixture kWh Saved (including CFLs or Exit Signs)	Annual kWh Saved (CFLs or LED exit signs only)	Annual kWh Saved (Demand only)					
6-8 400 North Street	2	Office	Interior	Office - Small	Control Space	3	F48L1	112	0.34	NONE		3	CF100-T88	96	0.17	OCC					0.17	0.17	84%	#N/A	0%	0%			30%	2,000	#N/A					1		
6-9 Corridor	1	Restroom	Exterior	Restroom - Full Foot	Uncoated asphalt	5	Exterior Car Street 1	80	0.25	OCC	5	5	Exterior Car Street 2	25	0.13	OFLH 10	5		0.13				80%	#N/A		30%	30%	30%	30%	8,700	8,700	8,700	8,700					1
7 1201 Market Ave	1	Sales Floor	Interior	Other - Please estimate CF and EFLH	Control Space	502	MR0607	430	138.45	NONE		502	Car Street 20	108	0.33	NONE			\$5.91			100%	100%	0%	12%				113.51	8,700	8,700	8,700,000	8,700,000			Cut Sheet 1		
8											NONE						NONE																					
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76											NONE																											

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	834,030
Total Change in Connected Load	85.01

Annual Estimated Cost Savings	\$83,403.00
Annual Operating Hours	8,760

Interior Lighting Incentive @ \$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$68,006.40
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	\$68,006.40
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Total Fixture Quantity excluding CFLs and LED Exit Sign	322
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
Hours given by store manager.

Demand Savings (For Internal Use Only)	85.01
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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.
1	LIGHTING UPGRADE	REPLACED 360 WATT METAL HALIDE HIGH BAY FIXTURES WITH 6 LAMP FLUORESCENT T8 HIGH BAY FIXTURES	See attached lighting calculator '6377 FE Ohio Enhanced NonStandard_Lighting_Calculator.xls'.	THE DECISION WAS MADE TO DO A LIGHTING UPGRADE AND REPLACE THE 360 WATT METAL HALIDE FIXTURES WITH FLUORESCENT T8 TECHNOLOGY FOR THE ENERGY SAVINGS. INCREASE IN LIGHT LEVELS AND MAINTENANCE SAVINGS.

Docket No. 12-0242

Site: 1201 MENTOR AVE

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE, INC

Site Address: GIANT EAGLE, INC - #6377 - PAINESVILLE

Principal Address: 1201 MENTOR AVE

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C) <i>Note 1</i>
2010	4,250,100	4,250,100	5,084,130
2009	4,289,400	4,289,400	5,123,430
2008	4,271,100	4,271,100	4,271,100
Average	4,270,200	4,270,200	4,826,220

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	LIGHTING UPGRADE	11/25/2008	\$80,500	\$40,250	834,030	834,030	85	\$68,006	\$40,250
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$80,500		834,030	834,030	85	\$68,006	\$40,250

Docket No. 12-0242

Site: 1201 MENTOR AVE

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	834	\$ 308	\$ 257,115	\$ 3,546	\$40,250	\$8,340	\$ 52,136	4.9
Total	834	\$ 308	257,115	3,546	\$40,250	\$8,340	52,136	4.9

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, INC ~ GIANT EAGLE, INC - #6377 - PAINESVILLE
Docket No. 12-0242

Site: 1201 MENTOR AVE

Lighting Inventory Form

Applcator Name:Client Eagle #5381

Facility Name:Client Eagle Store #5381

Date:7/26/2011

Instructions: Please use one line for each fixture type in a room or area.
For existing or proposed control, choose OCC for Occupancy Sensor, DAYLGT 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										Post Fixture On Sheet Number				
Line Item	Building Address	Floor	Area Description	Interior or Exterior Fixture	Predecessor Space Type	Area Coding	Pre Fixture Qty	Pre Fixture Code	Pre Fixture Fixture (W)	Pre MW / Space (MW)	Existing Control Pre Item	Existing Sensor Quantity When specified	Post Fixture Qty	Post Fixture Code	Post Fixture Fixture (W)	Post MW / Space (MW)	Proposed Control When % OCC is None	Proposed Sensor Quantity When specified	Interior Change in Connected Load (kW) including CFLs or Exit Signs	Interior Change in Connected Load (kW) excluding CFLs or Exit Signs	Change in Connected Load (kW) CFLs or LED exit sign	Applicable Coincidence Factor (CF) Estimate	Coincidence Factor	Interference Factor (demand)	Interaction Factor (energy)	Pre Controls Factor	Post Controls Factor	Demand Savings (kW)	Applicable Equivalent Full Load Hours Estimate	Proposed Equivalent Full Load Hours	Actual Interior Fixture With Saves (including CFLs or Exit Signs)	Actual Exterior Fixture With Saves (including CFLs or Exit Signs)	Actual kWh Saves (CFLs or LED exit signs only)	Actual kWh Saves (Sensors only)							
e.g.	400 North Street	2	Office	Interior	Office - Small	Control Space	3	F486L	132	0.39	NONE		3	CF750-L-BX	96	0.17	OCC	3		0.17	0.17	60%	80%	34%	12%			30%	30%	2,800	800							1			
e.g.	Garage	1	Refrigerator	Exterior	Refrigerator - Fast Cool	Uncontrolled Space	5	Exterior Exit Street 1	90	0.25	OCC	5	5	Exterior Exit Street 2	25	0.13	DAYLGT	5											80%	80%		1,760	800							1	
1	GE #5381	1	Salon Floor	Interior	Other - Please include CF and CFLs	Control Space	241	MF2007	420	103.63	NONE		241	Exit Street 1	108	82.23	NONE		82.23				100%	100%	95%	13%			85.98	6,760	6,760	614,208							Exit Street 1		
2																																									
200																																									
221																																									
232																																									
233																																									
234																																									
235																																									
Totals							241		163.63				241		46.21				82.23		82.23							85.98			614,208										

Project Estimated Annual Savings Summary

Estimated Annual kWh Savings	624,228
Total Change in Connected Load	63.62

Annual Estimated Cost Savings	\$62,422.80
Annual Operating Hours	8,760

Interior Lighting Incentive @ \$0.80/W (excluding CFLs, sensors, or LED exit signs)	\$50,899.20
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	\$50,899.20
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Total Fixture Quantity excluding CFLs and LED Exit Sign	241
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 Customer provided actual hours of operation. This facility is open 24 hours, 7 days a week.
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Demand Savings (For Internal Use Only)	63.62
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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.
1	Lighting Upgrade	Replaced 360watt hetal-halide high bay fixtures with 6 lamp T8 high bay fixtures.	See attached spreadsheet for energy savings calculations. Verification of energy savings was performed utilizing the partially measured retrofit isolation method described in Section 3.4 of the international performance measurement & verification protocol.	The decision was made to do a lighting upgrade and replace the 360 watt metal halide fixtures with fluorescent T8 technology for the energy savings, increase in light levels, and maintenance savings.

Docket No. 12-0242

Site: 36475 Euclid Avenue

Exhibit 2

Customer Legal Entity Name: GIANT EAGLE INC

Site Address: Giant Eagle #6381 - Willoughby

Principal Address: 36475 Euclid Avenue

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (c) <i>Note 1</i>
2010	3,378,320	3,378,320	3,936,031
2009	3,475,980	3,475,980	4,033,691
2008	3,451,500	3,451,500	3,451,500
Average	3,435,267	3,435,267	3,807,074

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	Lighting Upgrade	11/03/2008	\$95,405	\$47,703	557,711	557,711	64	\$114,259	\$47,703
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
					-	-	-		
		Total	\$95,405		557,711	557,711	64	\$114,259	\$47,703

Docket No. 12-0242

Site: 36475 Euclid Avenue

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	558	\$ 308	\$ 171,931	\$ 3,546	\$47,703	\$5,577	\$ 56,826	3.0
Total	558	\$ 308	171,931	3,546	\$47,703	\$5,577	56,826	3.0

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 INC ~ Giant Eagle #6381 - Willoughby
Docket No. 12-0242

Site: 36475 Euclid Avenue

Mercantile Customer Project Commitment Agreement
Cash Rebate Option

THIS MERCANTILE CUSTOMER PROJECT COMMITMENT AGREEMENT (“Agreement”) is made and entered into by and between The Cleveland Electric Illuminating Company, its successors and assigns (hereinafter called the “Company”) and Giant Eagle, Inc., Taxpayer ID No.25-0698270its 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 believes that it 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 A (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”).

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, 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/or kW reductions

resulting from said projects for purposes of complying with the Statute. It is expressly agreed that Customer may use any and all energy related and other attributes created from the Customer Energy Project(s) to the extent permitted by state or federal laws or regulations, provided, and to the extent, that such uses by Customer do not conflict with said compliance by the Company.

- 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 and Annual Report.** 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 Case 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

If to the Customer:

Giant Eagle, Inc.
101 Kappa Drive
Pittsburgh, PA 15238
Attn: Antoinette Lichty
Telephone: 412-967-3649
Fax: 412-968-1612
Email: Antoinette.Lichty@gianteagle.com

With copy to:

Giant Eagle, Inc.
101 Kappa Drive
Pittsburgh, PA 15238
Attn: Legal Department

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.

GIANT EAGLE, INC.

(Customer)

By: [Signature]

Title: VP - Indirect Procurement

Date: 3-22-2011

The Cleveland Electric Illuminating Company

(Company)

By: [Signature]

Title: V.P. Energy Efficiency

Date: 6-20-11

This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

2/8/2012 3:58:19 PM

in

Case No(s). 12-0242-EL-EEC

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