



Public Utilities Commission

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

Case No.: 15-0835-EL-EEC

Mercantile Customer: Giant Eagle, Inc.

Electric Utility: The Cleveland Electric Illuminating Company

Program Title or
Description: Store # 6359 Retro Commissioning

Rule 4901:1-39-05(F), Ohio Administrative Code (O.A.C.), permits a mercantile customer to file, either individually or jointly with an electric utility, an application to commit the customer's existing demand reduction, demand response, and energy efficiency programs for integration with the electric utility's programs. The following application form is to be used by mercantile customers, either individually or jointly with their electric utility, to apply for commitment of such programs in accordance with the Commission's pilot program established in Case No. [10-834-EL-POR](#)

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

Complete a separate application for each customer program. Projects undertaken by a customer as a single program at a single location or at various locations within the same service territory should be submitted together as a single program filing, when possible.

Check all boxes that are applicable to your program. For each box checked, be sure to complete all subparts of the question, and provide all requested additional information. Submittal of altered or incomplete applications may result in a suspension of the automatic approval process or denial of the application.

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

Section 1: Mercantile Customer Information

Name: Giant Eagle, Inc.

Principal address: 101 Kappa Dr. Pittsburgh, PA 15238

Address of facility for which this energy efficiency program applies: 27264 Lorain Rd, North Olmstead, OH 44070

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 failed equipment which has no useful life remaining. The customer installed new equipment on the following date(s): _____.
- ☐ Installation of new equipment for new construction or facility expansion. The customer installed new equipment on the following date(s): _____.
- ☒ Behavioral or operational improvement.

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

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

Annual savings: _____ kWh

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

Annual savings: _____ kWh

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

- 3) If you checked the box indicating that the project involves equipment for new construction or facility expansion, then calculate the annual savings [(kWh used by standard new equipment) - (kWh used by optional higher efficiency new equipment) = (kWh per year saved)]. Please attach your calculations and record the results below:

Annual savings: _____ kWh

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

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

Annual savings: 268,503 kWh

Section 4: Demand Reduction/Demand Response Programs

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

- ☒ This project does not include peak demand reduction savings.
- ☐ Coincident peak-demand savings from the customer's energy efficiency program.
- ☐ Actual peak-demand reduction. (Attach a description and documentation of the peak-demand reduction.)
- ☐ Potential peak-demand reduction (check the one that applies):
 - ☐ The customer's peak-demand reduction program meets the requirements to be counted as a capacity resource under a tariff of a regional transmission organization (RTO) approved by the Federal Energy Regulatory Commission.
 - ☐ The customer's peak-demand reduction program meets the requirements to be counted as a capacity resource under a program that is equivalent to an RTO program, which has been approved by the Public Utilities Commission of Ohio.

B) On what date did the customer initiate its demand reduction program?

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

_____ kW

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

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

A) The customer is applying for:

☐ A cash rebate reasonable arrangement.

☒ An exemption from the energy efficiency cost recovery mechanism implemented by the electric utility.

☐ Commitment payment

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

A cash rebate reasonable arrangement.

☐ A cash rebate of \$____. (Rebate shall not exceed 50% project cost. Attach documentation showing the methodology used to determine the cash rebate value and calculations showing how this payment amount was determined.)

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

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

☒ Ongoing exemption from payment of the electric utility's energy efficiency/peak demand reduction rider for an initial period of 24 months because this program is part of the customer's ongoing efficiency program. (Attach documentation that establishes the ongoing nature of the program.) In order to continue the exemption beyond the initial 12 month period, the customer will need to complete, and file within this application, the Historical Mercantile Annual Report

Template to verify the projects energy savings are persistent.

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

Section 6: Cost Effectiveness

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

- ☐ Total Resource Cost (TRC) Test. The calculated TRC value is: ____ (Continue to Subsection 1, then skip Subsection 2)
- ☒ Utility Cost Test (UCT) . The calculated UCT value is: **See Exhibit 3** (Skip to Subsection 2.)

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

The TRC value of the program is calculated by dividing the value of our avoided supply costs (generation capacity, energy, and any transmission or distribution) by the sum of our program overhead and installation costs and any incremental measure costs paid by either the customer or the electric utility.

The electric utility's avoided supply costs were _____.

Our program costs were _____.

The incremental measure costs were _____.

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

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

Our avoided supply costs were **See Exhibit 3**

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

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

Section 7: Additional Information

Please attach the following supporting documentation to this application:

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



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Case No.: 15-0835-EL-EEC

State of Ohio :

, 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.

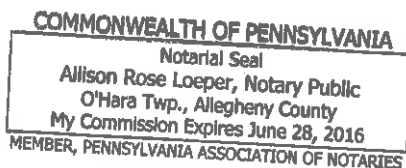
Antoinette Lichly / Energy Analyst
Signature of Affiant & Title

Sworn and subscribed before me this 31st day of August, 2015 Month/Year

[Signature]
Signature of official administering oath

Allison Loeper
Cr. Admin. Sec.
Print Name and Title

My commission expires on 06/28/2016



Customer Legal Entity Name: Giant Eagle
Site Address: Giant Eagle 6359
Principal Address: 27264 Lorain Rd North Olmsted OH

Project No.	Project Name	Narrative description of your program including, but not limited to, make, model, and year of any installed and replaced equipment:	Description of methodologies, protocols and practices used in measuring and verifying project results	What date would you have replaced your equipment if you had not replaced it early? Also, please explain briefly how you determined this future replacement date.	Please describe the less efficient new equipment that you rejected in favor of the more efficient new equipment.
1	Re-commissioning 6359	Provide the following commissioning services: 1. Verify the operation of mechanical equipment. This will include equipment such as the advanced lighting system, HVAC, refrigeration and the energy management system. 2. Insure super heats are properly adjusted on all adjustable expansion valves and spot check non-adjustable vales that are on the float circuits. 3. Provide Giant Eagle with an enhanced survey report. This report will be e-mailed to the Project Manager with a list of items that need to be corrected such as Spec or Detail	The re-commissioning savings uses measured energy usage pre and post commissioning. The data is taken from the Parasense controls system. Sub metered data and calulation avaialbe in the Retro Commissioning report attached. Savings from lighting control and schedueleing, refrigeration set points and HVAC scheduling and set points are all included.	N/A	N/A

Exhibit 2

Customer Legal Entity Name: Giant Eagle
Site: Giant Eagle 6359
Principal Address: 27264 Lorain Rd North Olmsted OH

	Unadjusted Usage, kwh (A)	Weather Adjusted Usage, kwh (B)	Weather Adjusted Usage with Energy Efficiency Addbacks, kwh (C)	Note 1
2014	4,225,930	4,225,930	4,225,930	
2013	4,175,898	4,175,898	4,175,898	
2012	4,538,245	4,538,245	4,538,245	
Average	4,313,358	4,313,358	4,313,358	

Project Number	Project Name	In-Service Date	Project Cost \$	KWh Saved/Year Counting towards Utility compliance	KWh Saved/Year (D) eligible for incentive	Utility Peak Demand Reduction Contribution, KW
1	Re-commissioning 6359	04/04/2015	\$9,100	268,503	268,503	-
				-	-	-
				-	-	-
				-	-	-
				-	-	-
				-	-	-
Total				268,503	268,503	0

Docket No.	15-0835	Savings as percent of usage	6.2%	Note 2
Site:	Giant Eagle 6359	= Total (D) divided by Average (C)		
		Customer Eligible Exemption Period:	77 Month(s)	Note 3

- 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) Savings as a percent of usage is equal to the of total project savings (D) divided by the 3 year average Weather Adjusted Usage with Energy Efficiency Addbacks (C).
- (3) Customer exemption determined by savings percentage in relation to energy efficiency schedule as set forth in O.R.C. 4928.66(A)(1)(a).
- (4) The exemption period reflects the maximum potential exemption period. NOTE: The FirstEnergy Utilities cannot guarantee the length of the exemption period that will ultimately be approved by the Commission.

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)	Commitment Payment \$ (E)	Administrator Variable Fee \$ (F)	Total Utility Cost \$ (G)	UCT (H)
1	269	\$ 308	\$ 82,774	\$ 4,050	\$ -	\$2,685	\$ 6,735	12.3
					\$ -			
					\$ -			
					\$ -			
					\$ -			
					\$ -			
					\$ -			
Total	269	\$ 308	82,774	4,050	-	\$2,685	6,735	12.3

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 Commitment Payment paid to the customer for this behavioral 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 ~ Giant Eagle 6359

Docket No. 15-0835

Site: 27264 Lorain Rd North Olmsted OH



April 13, 2015

Giant Eagle, Inc.
Attn: Jack Dunlay

RE: Retro-Commissioning Results for Giant Eagle #6359

Dear Jack:

The retro-commissioning of Giant Eagle #6359 Watertower was completed on April 3, 2015. Below is a tabulated summary of the results.

Giant Eagle #6359 - Summary of Commissioning Results				
Circuit	Load Description	% Savings	Annual kWh	Annual \$ Savings
Main Feed	Main Distribution Panel	6.8%	268,503	\$ 24,165
ATS Panel CMPA	800A ATS-Rack A & B, Conds A, B & C, Panel LEM, Trans T2-T6, Panels C & C1 Remote Hdrs, Panels G, R & R1 Checkouts & Scales	13.6%	246,284	\$ 22,166
Rack A	Low Temp Refrigeration Compressors	25.7%	131,309	\$ 11,818
Rack B	High Temp Refrigeration Compressors	35.9%	93,577	\$ 8,422
T3 Panel LEM	Panels L & L1 Case Lighting, Panels F & F1 Case Fans, Elevator controls & Outlets	2.3%	9,353	\$ 842
T1 Panel SDP	Panels AS & AS1 AS Htrs, Panels B, DS & H Deli & Prep Fds Equipment, J & J1 Receptacles, K Beverage Units & Panels M & N	-0.3%	-2,009	\$ (181)
Panel PP-1	AHU-1, (8) RTUs, Fryers, Pan Washer & Beer Clr Cond. Unit	1.1%	5,475	\$ 493
Panel PP-2	Rack C, AHU-2 (7) RTUs & Baler	32.8%	36,318	\$ 3,269
AHU-2	Air Handling Unit #2	11.3%	17,839	\$ 1,606
Rack C	High Temp Refrigeration Compressors	24.7%	81,304	\$ 7,317
Panel HA	Sales Area Lighting, Panel HB Vest. & Accent Lighting & Panel S Signs	-1.7%	-12,866	\$ (1,158)
Rack D	Weatherpac Refrigeration Compressors & Condenser Fans	-9.4%	-9,718	\$ (875)

The results show a combined annual savings of **6.8%** with a reduction in energy use of **268,503 kWh** valued at **\$24,165**.

The remainder of the report shows the before and after comparison of key measured loads, specific details on how these results were obtained, and opportunities for further energy savings.

If you have any questions, require additional information or wish to discuss this report, please call or email me.

Sincerely,

Wallace A. Noll
Vice President
Rite Way Solutions, LLC



RETRO - COMMISSIONING REPORT

GIANT EAGLE: #6359 WATERTOWER, OH

Date: 3-31-15

Prepared By: Wallace A Noll



RACK A

COOLING TYPE	DX
TEMP	LOW
REFRIGERANT	404 A
VOLTS	460

CONTROLLER MANUFACTOR	CPC
SOFTWARE VERSION	3.00F01
CONTROLS	RACK A

SUB-COOLED FROM RACK C			
SUB-COOLER	ARRIVAL	AFTER CX	
OPERATIONAL	YES	YES	
CONTROL SENSOR	OUTLET	INLET	
SUBCOOLER	CUT IN	55	55
	CUT OUT	45	45

COMP 23	MODEL #	FLUKE READING		CAP	CYCLES	HR	:	MN	SUCTION FILTER PD
		AMPS	SIGN WAVE						
1	3DB3F33KE-TFD-800	8.9	OK	75.0	49	11	:	52	0.2
2	4DL3-150L-TSK-223	18.4	OK	150.0	11	20	:	35	0.1
3	4DL3F63KE-TSK-800	17.5	OK	150.0	10	20	:	48	0.0
4	4DT3F76KE-TSK-800	21.7	OK	220.0	5	21	:	34	0.0
5	4DT3F76KE-TSK-800	21.2	OK	220.0	7	19	:	57	0.0
6	4013-2200-TSK	19.8	OK	220.0	6	20	:	18	0.2

ITEM	ARRIVAL	AFTER CX
LIQUID FILTER PRESSURE DROP	0.1	0.1
SUCTION TRANSDUCER OFFSET	0.0	1.0
DISCHARGE TRANSDUCER OFFSET	0.0	0.0
DROP LEG TRANSDUCER OFFSET	0.0	0.0
SUCTION PRESSURE TARGET	11.0	14.0
RECIEVER	LEVEL	52.7
	SPLIT	46.5
	OFF SET	YES
DEFROST DIFFERENTIAL VALVE	12.0	12.0
ENABLE SUCTION PRESSURE FLOAT	28.0	28.0
COMPRESSOR STRATOGEY	YES	YES
SUCTION CONTROL STRATOGEY	TIGHTEST	TIGHT
	ENHANCED	ENHANCED

CONDENSER CONTROL	ARRIVAL	AFTER CX
CONDENSER STRATEGY	PRESSURE	PRESSURE
TEMP DIFFERENTIAL SETPOINT	10.0	9.8
MINIUM TEMP SETPOINT	70.0	70.0
HEAT RECLAIM SHIFT DIFFERENTIAL	0	0

FLOAT	ARRIVAL			AFTER CX		
	CIRCUIT	FLOAT MIN PRESSURE	FLOAT MAX PRESSURE	CIRCUIT	FLOAT MIN PRESSURE	FLOAT MAX PRESSURE
-23	A01 6' MDFF	11.0	20.0	A03 14 DRS RIIC	14.0	19.0



RACK B

COOLING TYPE	DX
TEMP	MEDIUM
REFIGERANT	407 A
VOLTS	460

CONTROLLER MANUFACTOR	CPC
SOFTWARE VERSION	3.00F01
CONTROLS	RACK B

COMP +16	MODEL #	FLUKE READING		CAP	CYCLES	HR	:	MN	SUCTION FILTER PD
		AMPS	SIGN WAVE						
1	3DS3-150L-TFD-201	16.7	OK	150.0	30	12	:	32	0.4
2	3DS3-150L-TFD-201	17.2	OK	150.0	30	13	:	02	0.0
3	3DS3-150L-TFD-201	17.5	OK	150.0	30	12	:	41	0.0
4	3DS3-150L-TFD-201	19.6	OK	150.0	31	11	:	52	0.0
5	3DS3-150L-TFD-201	16.8	OK	150.0	30	11	:	51	0.0

ITEM	ARRIVAL	AFTER CX
LIQUID FILTER PRESSURE DROP	0.0	0.0
SUCTION TRANSDUCER OFFSET	0.0	0.0
DISCHARGE TRANSDUCER OFFSET	0.0	0.0
DROP LEG TRANSDUCER OFFSET	0.0	-1.0
SUCTION PRESSURE TARGET	36.0	38.0
RECIEVER	LEVEL	14.5
	SPLIT	YES
	OFF SET	15.0
ENABLE SUCTION PRESSURE FLOAT	YES	YES
COMPRESSOR STRATOGEY	MODERATE	TIGHT
SUCTION CONTROL STRATOGEY	ENHANCED	ENHANCED

CONDENSER CONTROL	ARRIVAL	AFTER CX
CONDENSER STRATEGY	PRESSURE	PRESSURE
TEMP DIFFERENTIAL SETPOINT	10.0	13.4
MINIUM TEMP SETPOINT	80.0	70.0
HEAT RECLAIM SHIFT DIFFERENTIAL	0	0

FLOAT	ARRIVAL			AFTER CX		
	CIRCUIT	FLOAT MIN PRESSURE	FLOAT MAX PRESSURE	CIRCUIT	FLOAT MIN PRESSURE	FLOAT MAX PRESSURE
+16	B58B ANTIPASTI	32.0	40.0	B55 20' GOURMET	38.0	46.0



RACK C

COOLING TYPE	DX
TEMP	MEDIUM
REFIGERANT	407 A
VOLTS	460

CONTROLLER MANUFACTOR	CPC
SOFTWARE VERSION	3.00F01
CONTROLS	RACK C

COMP +24	MODEL #	FLUKE READING		CAP	CYCLES	HR	:	MN	SUCTION FILTER PD
		AMPS	SIGN WAVE						
1	3DB3-100L-TFD-201	12.6	OK	100.0	33	8	:	09	0.0
2	3DS3-100L-TFD-201	11.1	OK	100.0	34	7	:	26	0.2
3	3DS3-100L-TFD-201	18.8	OK	150.0	3	6	:	24	0.0
4	3DS3R17ME-TFD-800	18.0	OK	150.0	7	7	:	58	0.0
5	3DS3-150L-TFD-201	18.8	OK	150.0	4	5	:	33	0.0
6	2DL3R78KE-TFD-800	6.9	OK	75.0	124	9	:	55	0.4
7	3DF3-120L-TFD-201	15.6	OK	120.0	107	11	:	57	0.0
8	3DS3-150L-TFD-201	18.8	OK	120.0	55	14	:	01	0.1

ITEM	ARRIVAL	AFTER CX
LIQUID FILTER PRESSURE DROP	0.8	0.8
SUCTION TRANSDUCER OFFSET	0.0	0.0
DISCHARGE TRANSDUCER OFFSET	0.0	0.0
DROP LEG TRANSDUCER OFFSET	0.0	-0.8
SUCTION PRESSURE TARGET	45.0	47.0
RECIEVER	LEVEL	49.8
	SPLIT	57.1
	OFF SET	0.0
ENABLE SUCTION PRESSURE FLOAT	YES	YES
COMPRESSOR STRATOGEY	TIGHTEST	TIGHTEST
SUCTION CONTROL STRATOGEY	ENHANCED	ENHANCED

CONDENSER CONTROL	ARRIVAL	AFTER CX
CONDENSER STRATEGY	PRESSURE	PRESSURE
TEMP DIFFERENTIAL SETPOINT	10.0	14.7
MINIUM TEMP SETPOINT	70.0	70.0
HEAT RECLAIM SHIFT DIFFERENTIAL	0	0

FLOAT	ARRIVAL			AFTER CX		
	CIRCUIT	FLOAT MIN PRESSURE	FLOAT MAX PRESSURE	CIRCUIT	FLOAT MIN PRESSURE	FLOAT MAX PRESSURE
+24	C71 28' DAIRY	40.0	55.0	C73 32' DAIRY	47.0	60.0



RACK D

COOLING TYPE	DX
TEMP	MEDIUM
REFIGERANT	404 A
VOLTS	460

CONTROLLER MANUFACTOR	CPC
SOFTWARE VERSION	3.00F01
CONTROLS	RACK D

COMP +20	MODEL #	FLUKE READING		CAP	CYCLES	HR	:	MN	SUCTION FILTER PD
		AMPS	SIGN WAVE						
1	3DFDR15ML-TFD-C41	16.5	OK	116.2	0	23	:	59	0.0
2	3DA3R10ML-TFD-C41	10.4	OK	78.7	7	0	:	49	0.0
3	3DB3R12ML-TFD-C41	11.2	OK	94.0	7	0	:	39	0.0

ITEM	ARRIVAL	AFTER CX
LIQUID FILTER PRESSURE DROP	0.0	0.0
SUCTION TRANSDUCER OFFSET	0.0	0.0
DISCHARGE TRANSDUCER OFFSET	0.0	0.0
DROP LEG TRANSDUCER OFFSET	0.0	-1.0
SUCTION PRESSURE TARGET	60.0	56.0
RECIEVER	LEVEL	63.8
	SPLIT	38.7
	OFF SET	YES
ENABLE SUCTION PRESSURE FLOAT	0.0	0.0
COMPRESSOR STRATOGEY	YES	YES
SUCTION CONTROL STRATOGEY	TIGHT	TIGHT
	ENHANCED	ENHANCED

CONDENSER CONTROL	ARRIVAL	AFTER CX
CONDENSER STRATEGY	PRESSURE	PRESSURE
TEMP DIFFERENTIAL SETPOINT	10.0	12.8
MINIUM TEMP SETPOINT	80.0	70.0
HEAT RECLAIM SHIFT DIFFERENTIAL	0	0

FLOAT	ARRIVAL			AFTER CX		
	CIRCUIT	FLOAT MIN PRESSURE	FLOAT MAX PRESSURE	CIRCUIT	FLOAT MIN PRESSURE	FLOAT MAX PRESSURE
+20	D5 20' MD MEAT	60.0	65.0	A05 20' MD MEAT	55.0	65.0



Circuit Set Point Verification - A

RACK A									
CIRCUIT NAME	TARGET TEMP	DRIP TIME	TERM TEMP	FREQUENCY	DURATION	HIGH ALARM	LOW ALARM	ALARM DELAY	REPAIRED
A01 6'MDFF	-10	0:08	52	3	0:20	15	-20	1:00	
A02 10DRS RIIC	-10	0:12	THERMOSTAT	1	0:18	10	-20	1:00	
A03 14DRS RIIC	-10	0:12	THERMOSTAT	1	0:18	10	-20	1:00	
A04 6'MDFF	-5	0:08	52	3	0:20	15	-20	1:00	
A05 15DRS RIFF	-8	0:12	TIME	1	0:25	10	-15	1:00	
A06 15DRS RIFF	-8	0:05	TIME	1	0:25	10	-15	1:00	
A07 15DRS RIFF	-5	0:05	TIME	1	0:25	10	-20	1:00	
A08 19DRS RIFF	-5	0:05	TIME	1	0:25	15	-15	1:00	
A09 20DRS RIFF	-5	0:05	TIME	1	0:25	15	-15	1:00	
A10 3DRS RIIC	-10	0:05	72	1	0:25	NONE	NONE	0:30	
A11 15DRS RIFF	-5	0:05	TIME	1	0:25	NONE	NONE	1:00	
A12 15DRS RIFF	-5	0:12	TIME	1	0:25	10	-20	1:00	
A13 6'MDFF	-10	0:07	52	3	0:15	10	-20	1:00	
A14 9DRS RIFF	-8	0:05	TIME	1	0:25	10	-25	1:00	
A15 20DRS RIFF	-8	0:05	TIME	1	0:25	15	-15	1:00	
A16 8DRS RIFF	-8	0:12	TIME	1	0:20	10	-15	1:00	
A17 3DRS RIIC	-8	0:05	TIME	1	0:25	10	-25	1:00	
A18 6'MDFF	-10	0:12	52	3	0:18	10	-20	1:00	
A19 8DRS RIFF	-8	0:12	THERMOSTAT	1	0:20	10	-25	1:00	
A20 GROCERY FZ	-10	0:05	110	3	0:20	15	-25	1:00	
A21 SPARE	-	-	-	-	-	-	-	-	-
A22 DTMT A	-8/24	0:05	60	1	0:50	80/40	NONE/NONE	1:00/1:00	
A22 DTMT B	-8/24	0:05	60	1	0:55	15/40	NONE/NONE	1:00/1:00	
A22 DTMT C	-8/24	0:05	60	1	0:55	15/40	NONE/1	1:00/0:30	
A22 DTMT D	-8/24	0:05	65	1	0:55	15/40	-25/15	1:00/1:00	
A23 DT FISH A	-8/28	0:05	60	1	0:55	15/40	NONE/NONE	1:00/1:00	
A23 DT FISH B	-8/28	0:05	60	1	0:55	15/40	NONE/NONE	1:00/1:00	
A23 DT FISH C	-8/28	0:05	60	1	0:55	15/40	NONE/NONE	1:00/1:00	
A23 DT FISH D	-8/28	0:05	60	1	0:55	15/40	NONE/NONE	1:00/1:00	
A24 MEAT ICE/M	32	0:05	TIME	4	0:10	NONE	NONE	0:30	
A25 SEAFD FRZ	-8	0:05	TIME	3	0:20	10	NONE	1:00	
A26 6DR RIFSH	-8	0:05	85	1	0:16	10	-15	1:00	



Circuit Set Point Verification - A

RACK A									
CIRCUIT NAME	TARGET TEMP	DRIP TIME	TERM TEMP	FREQUENCY	DURATION	HIGH ALARM	LOW ALARM	ALARM DELAY	REPAIRED
A27 4D BAKERY	-3	0:05	73	1	0:24	40	-20	1:00	
A28 BKRY FZR	-5	0:05	TIME	4	0:15	25	-20	2:00	
A29 H.F. FRZ.	-5	0:05	90	4	0:12	15	-10	1:00	
A30 BAK ISLE	-8	0:05	55	1	0:22	10	-20	0:30	

ITEMS THAT NEED ADDRESSED

(#)= SET POINT CHANGE BY RWS



Circuit Set Point Verification - B

RACK B									
CIRCUIT NAME	TARGET TEMP	DRIP TIME	TERM TEMP	FREQUENCY	DURATION	HIGH ALARM	LOW ALARM	ALARM DELAY	REPAIRED
B33 8'BKRY.CS	30	-	52	3	0:45	42	25	1:00	
B34 MEAT CLR.	32	0:05	TIME	3	0:40	45	25	1:00	
B35A SVMT BOT	30	-	TIME	2	0:50	42	15	1:00	
B35A SVMT TOP	32	-	TIME	2	0:50	42	15	1:00	
B35B SVMT BOT	30	-	TIME	2	0:50	42	15	1:00	
B35B SVMT TOP	32	-	TIME	2	0:50	42	15	1:00	
B35C SVMT BOT	30	-	TIME	2	0:45	45	15	1:00	
B35C SVMT TOP	32	-	TIME	2	0:50	45	15	1:00	
B36A SVFH BOT	31	-	TIME	2	0:50	42	15	1:00	
B36A SVFH TOP	32	-	TIME	2	0:50	42	15	1:00	
B36B SVFH BOT	31	-	TIME	2	0:50	42	15	1:00	
B36B SVFH TOP	32	-	TIME	2	0:50	42	15	1:00	
B37 DAIRY ISLE	32	-	54	4	0:45	40	20	1:00	
B38 SF. CLR	33	0:05	TIME	2	0:25	42	25	1:00	
B41 32'ISL.PRD	35	-	48	3	1:00	45	25	1:00	
B42 20'ISL.PRD	36	-	54	3	1:00	45	25	1:00	
B43 24'MD DELI	31	-	50	4	0:42	42	25	1:00	
B44 32'MD DELI	30	-	50	4	0:42	42	25	1:00	
B45 14'BKRY CS	30	-	TIME	6	0:40	42	25	1:00	
B46 BKRY. CLR	36	-	48	3	0:55	42	30	1:00	
B47 PROD. CLR	37	-	TIME	3	1:00	43	30	1:30	
B48 8'MD SF	30	-	TIME	4	1:00	40	25	1:00	
B51 8'BEVERAGE	34	-	TIME	3	0:45	43	25	1:00	
B52A SALAD BAR	32	-	52	4	0:45	43	25	1:00	
B52B SALAD BAR	32	-	52	4	0:45	43	25	1:00	
B52C SALAD BAR	34	-	52	4	0:45	45	25	1:00	
B53 24'CHILL I	28	-	45	3	0:45	42	20	1:00	
B54 SUSHI BACK	34	-	TIME	2	1:00	43	25	1:00	
B54 SUSHI FRNT	28	-	55	3	0:50	42	25	1:00	
B55 20'GOURMET	28	-	48	3	0:45	43	20	1:00	
B56 H.F. CLR	32	-	TIME	2	1:00	45	25	1:30	
B57 RAW CLR	30	0:02	60	2	0:30	43	25	1:00	



Circuit Set Point Verification - B

RACK B									
CIRCUIT NAME	TARGET TEMP	DRIP TIME	TERM TEMP	FREQUENCY	DURATION	HIGH ALARM	LOW ALARM	ALARM DELAY	REPAIRED
B58A ANTIPASTI	32	-	52	4	0:45	43	25	1:00	
B58B ANTIPASTI	30	-	48	6	0:30	43	25	1:00	
B58C ANTIPASTI	32	-	52	4	0:45	43	25	1:00	
B59 6'CHARC CS	28	-	48	4	0:30	40	25	1:00	
B60 8'SRV.CHAR	26	-	48	4	0:30	40	20	1:00	
B61 16'CHEESE	28	-	48	4	0:30	42	23	1:00	
B62 28'SV DELI	28	-	48	4	0:30	43	20	1:00	
B63 DELI CLR	32	-	TIME	2	1:00	45	28	1:00	
B64 8 CONVERT	31	-	54	4	0:42	45	20	1:00	
B67 8'FLORAL	37	-	TIME	3	0:45	45	33	1:00	

ITEMS THAT NEED TO BE ADDRESSED

(#)= SET POINT CHANGE BY RWS



Circuit Set Point Verification - C

RACK C									
CIRCUIT NAME	TARGET TEMP	DRIP TIME	TERM TEMP	FREQUENCY	DURATION	HIGH ALARM	LOW ALARM	ALARM DELAY	REPAIRED
C71 28' DAIRY	32	-	52	4	0:50	42	25	1:00	
C72 24'DAIRY	32	-	52	4	0:50	42	25	1:00	
C73 32'DAIRY	32	-	55	4	1:00	43	25	1:00	
C74 24'SAIRY	32	-	55	4	1:00	43	25	1:00	
C75 40'DAIRY	34	-	55	4	1:00	45	25	1:30	
C76 12' MILK	34	-	55	4	1:00	43	25	1:00	
C77 35FT BEVR	36	-	50	3	0:50	45	25	1:00	
C81 CUT FRUIT	32	-	48	3	0:45	45	25	1:00	
C82 36'PROD	38	-	55	3	0:45	45	25	1:00	
C83 28'PROD	36	-	55	3	0:45	45	25	1:00	
C84 40'MD PROD	34	-	55	3	0:45	45	25	1:00	
C85 24'MD PROD	32	-	48	3	0:45	45	25	1:00	
C86 WINE CASE	38	-	TIME	6	0:20	48	32	1:00	
C91 MEAT PREP.	55	-	TIME	2	1:00	70	45	1:00	
C92 MT SRV PRP	55	-	TIME	2	1:00	70	45	1:00	
C93 PROD PREP	58	-	TIME	1	1:00	85	45	2:00	
C94 SF SRV PRP	55	-	TIME	1	1:00	70	45	1:00	

ITEMS THAT NEED TO BE ADDRESSED

(#)= SET POINT CHANGE BY RWS



Circuit Set Point Verification - D

RACK D									
CIRCUIT NAME	TARGET TEMP	DRIP TIME	TERM TEMP	FREQUENCY	DURATION	HIGH ALARM	LOW ALARM	ALARM DELAY	REPAIRED
D1 DAIRY CLR.	34	-	TIME	3	1:00	44.1	24.08	1:00	
D2 24,MD BEV.	36	-	TIME	4	0:42	44.1	25	1:00	
D3 20' MD MEAT	28	-	52	4	0:45	45	20	0:45	
D4 32' MD BEV.	36	-	TIME	4	0:42	45	25	1:00	
D5 20' MD MEAT	28	-	52	4	0:45	42	22	1:00	
D6 24' MD MEAT	30	-	52	4	0:45	45	22	1:00	
D7 32' MD MEAT	30	-	52	4	0:42	44	20	0:45	
D8 8' CONVERT	31	-	54	4	0:42	NONE	NONE	0:50	

ITEMS THAT NEED TO BE ADDRESSED

(#)= SET POINT CHANGE BY RWS



Circuit Detail Report - A

System #	Temp Set Point	Circuit Temp Average	Case #1			Case #2			Case #3			Case #4			Case #5			EPR/ EEPR	REPAIRED
			TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET			
				BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		
Rack - A																			
A01	-5.0	-5.3	-5.3	0.0	0.0													100%	
A02	-8.0	-7.5	-7.1	0.0	0.0	-8.0	0.0	0.0										55.8%	
A03	-8.0	-13.1	-13.9	0.0	0.0	-13.7	0.0	0.0	-11.9	0.0	0.0							100%	
A04	-5.0	-4.7	-4.7	0.0	0.0													73.5%	
A05	-3.0	-3.9	-5.6	0.0	0.0	-1.2	0.0	0.0	-5.1	0.0	0.0							100%	
A06	-3.0	-3.1	3.0	0.0	0.0	-6.2	0.0	0.0	-6.0	0.0	0.0							34.2%	
A07	-3.0	-3.0	-1.3	0.0	0.0	-4.6	0.0	0.0	-2.8	0.0	0.0							39%	
A08	-3.0	-2.3	-5.1	0.0	0.0	-6.4	0.0	0.0	-0.3	0.0	0.0	2.0	0.0	0.0				100%	
A09					0.0														
A10	-8.0	-8.8	-8.8	0.0	0.0													97.7%	
A11	-3.0	-2.7	-4.1	0.0	0.0	-2.6	0.0	0.0	-1.6	0.0	0.0							34.5%	
A12	-3.0	-2.8	-2.6	0.0	0.0				-3.0	0.0	0.0							32%	
A13	-5.0	-4.5	-4.5	0.0	0.0													63.8%	
A14	-3.0	-3.1	0.3	0.0	0.0	-6.5	0.0	0.0										54.7%	
A15	-3.0	-3.1	-0.7	0.0	0.0				-2.6	0.0	0.0	-6.1	0.0	0.0				57%	
A16	-3.0	-3.0	-3.9	0.0	0.0	-2.2	0.0	0.0										53.2%	
A17	-8.0	-6.4	-6.4	0.0	0.0													100%	
A18	-5.0	-5.1	-5.1	0.0	0.0													100%	
A19	-3.0	-2.8	-2.7	0.0	0.0	-3.0	0.0	0.0										67.8%	
A20	-8.0	-8.1	-8.1	0.0	0.0													20.8%	
A22 A	-6.0	26.0	25.5	0.0	0.0													10.9%	
A22 B	26.0	26.8	26.8	0.0	0.0													0.0%	
A22 C	26.0	26.2	26.2	0.0	0.0													0.0%	
A22 D	26.0	26.7	26.7	0.0	0.0													11.1%	
A23 A	-6.0	-4.8	-4.8	0.0	0.0													19.6%	
A23 B	-6.0	-6.4	-6.4	0.0	0.0													11.3%	



Circuit Detail Report - A

System #	Temp Set Point	Circuit Temp Average	Case #1			Case #2			Case #3			Case #4			Case #5			EPR/ EEPR	REPAIRED
			TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET			
				BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		
Rack - A																			
A23 C	26.0	26.9	26.9	0.0														10.4%	
A23 D	-6.0	-5.3	-5.3	0.0														25.5%	
A24	NONE	NONE	-															4	
A25	-8.0	4.5	4.5	0.0														100%	
A26	-3.0	-3.2	-3.2	0.0														40.2%	
A27	-5.0	-5.2	-5.2	0.0														36.1%	
A28	-5.0	2.4	2.4	0.0														100%	
A29	-5.0	-5.1	-5.1	0.0														62.3%	
A30	-8.0	-6.9	-6.9	0.0														100%	

ITEMS THAT NEED TO BE ADDRESSED



Circuit Detail Report - B

System #	Temp Set Point	Circuit Temp Average	Case #1			Case #2			Case #3			Case #4			Case #5			Case #6			Case #7			Case #8			EPR/ EEPR	REPAIRED
			TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET			
				BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		
Rack - B																												
B33	30.0	30.0	28.3	0.0	0	31.6	0	0																		100%		
B34	32.0	37.3	37.3	0.0	0																					100%		
B35A B	30.0	29.4	29.4	0.0	0																					59		
B35A T	32.0	31.5	31.5	0.0	0.0																					60		
B35B B	30.0	30.6	30.6	0.0	0.0																					76		
B35B T	32.0	33.8	33.8	0.0	0.0																					90		
B35C B	30.0	29.6	29.6	0.0	0.0																					62		
B35C T	32.0	30.9	30.9	0.0	0.0																					77		
B36A B	31.0	31.6	31.6	0.0	0.0																					29		
B36A T	32.0	30.2	30.2	0.0	0.0																					104		
B36B B	31.0	30.9	30.9	0.0	0.0																					41		
B36B T	32.0	33.6	33.6	0.0	0.0																					101		
B37	32.0	33.7	35.6	0.0	0.0	32.3	0.0	0.0	33.9	0.0	0.0	31.9	0.0	0.0												100%		
B38	33.0	32.9	32.9	0.0	0.0																					24.1%		
B41	35.0	35.0	36.2	0.0	0.0	34.2	0.0	0.0	34.3	0.0	0.0	32.1	0.0	0.0	35.2	0.0	0.0	36.0	0.0	0.0	36.2	0.0	0.0	35.2	0.0	0.0	100%	
B42	36.0	35.6	36.9	0.0	0.0	37.8	0.0	0.0	34.5	0.0	0.0	32.7	0.0	0.0	35.3	0.0	0.0	37.5	0.0	0.0						38.9%		
B43	31.0	31.5	31.8	0.0	0.0	32.8	0.0	0.0	31.0	0.0	0.0															100%		
B44	30.0	31.6	30.9	0.0	0.0	32.2	0.0	0.0	31.8	0.0	0.0															100%		
B45	30.0	38.2	39.2	0.0	0.0	37.0	0.0	0.0																		100%		
B46	36.0	38.9	38.9	0.0	0.0																					100%		
B47	37.0	38.9	38.9	0.0	0.0																					100%		
B48	30.0	DF		0.0	0.0																					0.0%		
B51	34.0	34.2	34.2	0.0	0.0																					54.1%		
B52A	32.0	38.3	38.3	0.0	0.0																					85		
B52B	32.0	36.0	36.0	0.0	0.0																					86		
B52C	34.0	34.7	34.7	0.0	0.0																					67		
B53	28.0	28.7	30	0.0	0	30.5	0		26.2	0		28.2	0													100%		
B54 B	34.0	34.0	34	0.0	0																					175		
B54 F	28.0	31.0	31	0.0	0																					206		
B55	28.0	26.0	26.6	0.0	0.0	25.5	0.0																			100%		
B56	32.0	38.8	38.8	0.0	0.0																					100%		
B57	30.0	37.3	37.3	0.0	0.0																					100%		
B58A	32.0	29.7	29.7	0.0	0.0																					71		
B58B	32.0	35.4	35.4	0.0	0.0																					6		
B58C	32.0	33.8	33.8	0.0	0.0																					64		
B59	28.0	28.0	28.0	0.0	0.0																					100%		
B60	26.0	26.7	26.7	0.0	0.0																					100%		
B61	28.0	29.6	31.8	0.0	0.0	26.3	0.0		31.0	0.0																100%		
B62	28.0	28.8	33.9	0.0	0.0	26.7	0.0		26.9	0.0																100%		
B63	32.0	37.5	37.5	0.0	0.0																					100%		
B64	31.0	32.5	32.5	0.0	0.0																					100%		



Circuit Detail Report - B

System #	Temp Set Point	Circuit Temp Average	Case #1			Case #2			Case #3			Case #4			Case #5			Case #6			Case #7			Case #8			EPR/ EEPR	REPAIRED
			TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET			
				BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		
Rack - B																												
B67	37.0	37.3	37.3	0.0	0.0																					37.5%		

ITEMS THAT NEED TO BE ADDRESSED



Circuit Detail Report - C

System #	Temp Set Point	Circuit Temp Average	Case #1			Case #2			Case #3			Case #4			Case #5			Case #6			EPR/ EEPR	REPAIRED
			TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET			
				BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		
Rack - C																						
C71	32.0	32.2	32.6	0.0	0	32.9	0	0	31.2	0	0										100%	
C72	32.0	30.6	32.1	0.0	0	29	0	0													90%	
C73	32.0	DF		0.0	0																0.0%	
C74	32.0	31.5	29.8	0.0	0.0	33.3	0.0	0.0													44.8%	
C75	34.0	33.0	32.9	0.0	0.0	32.7	0.0	0.0	34.3	0.0	0.0	32.3	0.0	0.0							74.3%	
C76	34.0	33.5	33.5	0.0	0.0																100%	
C77	36.0	36.0	38.7	0.0	0.0	32.1	-3.0	-3.0	37.1	0.0	0.0										31.6%	
C81	32.0	34.1	34.1	0.0	0.0																100%	
C82	38.0	38.0	36.1	0.0	0.0	39.9	0.0	0.0	38.1	0.0	0.0										31.8%	
C83	36.0	36.1	35.9	0.0	0.0	35.4	0.0	0.0	36.9	0.0	0.0										40.3%	
C84	34.0	34.5	33.2	0.0	0.0	34.0	0.0	0.0	34.7	0.0	0.0	36.1	0.0	0.0	29.6	-5.0	-5.0	38.7	0.0	0.0	100%	
C85	32.0	31.9	32.3	0.0	0.0	31.4	0.0	0.0													100%	
C86	38.0	37.8	37.8	0.0	0.0																100%	
C91	55.0	54.5	54.5	0.0	0.0																0.0%	
C92	55.0	63.6	63.6	0.0	0.0																100%	
C93	58.0	58.1	58.1	0.0	0.0																0.0%	
C94	55.0	61.5	61.5	0.0	0.0																100%	

ITEMS THAT NEED TO BE ADDRESSED



Circuit Detail Report - D

System #	Temp Set Point	Circuit Temp Average	Case #1			Case #2			Case #3			Case #4			Case #5			EPR/ EEPR	REPAIRED
			TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET		TEMP	OFFSET			
				BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		BEFORE	AFTER		
Rack - D																			
D1	34.0	34.1	34.1	0.0	0													35.4	
D2	36.0	36.2	36.8	0.0	0	35.7	0	0										20%	
D3	28.0	27.0	25	0.0	0	26.7	0	0	29.1	0	0							68.9%	
D4	36.0	DF		0.0	0.0													0.0%	
D5	28.0	29.4	30.1	0.0	0.0	28.7	0.0	0.0										100%	
D6	30.0	DF		0.0	0.0													0.0%	
D7	30.0	29.9	31.2	0.0	0.0	31.2	0.0	0.0	27.6	0.0	0.0							25%	
D8	NONE	NONE	-															25%	

ITEMS THAT NEED TO BE ADDRESSED



HVAC SET POINT VERIFICATION

RH SENSOR OFFSET		OCC/UNOCC SCHEDULE				CONTROLLER MANUFACTOR	CPC
BEFORE	12.0	BEFORE	ON 7:00	OFF 22:30	SMTWRFA	SOFTWARE VERSION	3.00F01
AFTER	0.0	AFTER	ON 7:00	OFF 22:30	SMTWRFA	CONTROLS	HVAC/LIGHTS

AHU1 MUNTERS				
BEFORE CX		AFTER CX	1	2
SUMMER COOL OCC	74	COOL OC ON	75	76
SUMMER COOL UNOC	77	COOL OC OFF	74	75
SUMMER HEAT OCC	69	COOL UNOC ON	77	78
SUMMER HEAT UNOC	67	COOL UNOC OFF	76	77
WINTER COOL OCC	74	HEAT OC ON	71	70
WINTER COOL UNOC	76	HEAT OC OFF	72	71
WINTER HEAT OCC	69	HEAT UNOC ON	69	68
WINTER HEAT UNOC	67	HEAT UNOC OFF	70	69
MIN SUPPLY TEMP CL	50	MIN SUPPLY TEMP CL	50	
BLOWER MOTOR	AUTO	FAN MODE UNOC	AUTO	

AHU 2 GAS HEAT/AHU2 MOD HEAT			
BEFORE CX		AFTER CX	
SUMMER HEAT OCC	69	SUMMER COOL OCC	74
SUMMER HEAT UOC	67	SUMMER COOL UOC	76
WINTER HEAT OCC	72	SUMMER HEAT OCC	70
WINTER HEAT UOC	70	SUMMER HEAT UOC	68
		WINTER COOL OCC	74
		WINTER COOL UOC	76
		WINTER HEAT OCC	70
		WINTER HEAT UOC	68
		MIN SUPPLY TEMP CL	50

AHU2 SEASONS 4					
BEFORE CX		AFTER CX	1	2	3
SUMMER COOL OCC	71	COOL OC ON	75	75.5	76
SUMMER COOL UNOC	72	COOL OC OFF	74	74.5	75
SUMMER HEAT OCC	68	COOL UNOC ON	77	77.5	78
SUMMER HEAT UNOC	65	COOL UNOC OFF	76	76.5	77
WINTER COOL OCC	73	HEAT OC ON	69		
WINTER COOL UNOC	78	HEAT OC OFF	70		
WINTER HEAT OCC	72	HEAT UNOC ON	67		
WINTER HEAT UNOC	70	HEAT UNOC OFF	68		
MIN SUPPLY TEMP CL	50	MIN SUPPLY TEMP CL	50		
BLOWER MOTOR	AUTO	FAN MODE UNOC	AUTO		



HVAC SET POINT VERIFICATION[®]

RTU01 DAIRY			
BEFORE CX		AFTER CX	
SUMMER HEAT OCC	70	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	68	SUMMER HEAT UNOC	68
SUMMER COOL OCC	74	SUMMER COOL OCC	74
SUMMER COOL UNOC	77	SUMMER COOL UNOC	77
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	74	WINTER COOL OCC	74
WINTER COOL UNOC	77	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO

RTU02 SALES			
BEFORE CX		AFTER CX	
SUMMER HEAT OCC	70	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	68	SUMMER HEAT UNOC	68
SUMMER COOL OCC	74	SUMMER COOL OCC	74
SUMMER COOL UNOC	77	SUMMER COOL UNOC	77
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	74	WINTER COOL OCC	74
WINTER COOL UNOC	77	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO



HVAC SET POINT VERIFICATION[®]

RTU03 SALES

BEFORE CX		AFTER CX	
SUMMER HEAT OCC	70	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	68	SUMMER HEAT UNOC	68
SUMMER COOL OCC	74	SUMMER COOL OCC	74
SUMMER COOL UNOC	77	SUMMER COOL UNOC	77
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	74	WINTER COOL OCC	74
WINTER COOL UNOC	77	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO

RTU04 HBC

BEFORE CX		AFTER CX	
SUMMER HEAT OCC	70	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	68	SUMMER HEAT UNOC	68
SUMMER COOL OCC	74	SUMMER COOL OCC	74
SUMMER COOL UNOC	77	SUMMER COOL UNOC	77
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	74	WINTER COOL OCC	74
WINTER COOL UNOC	77	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO



HVAC SET POINT VERIFICATION[®]

RTU05 PHARMACY			
BEFORE CX		AFTER CX	
SUMMER HEAT OCC	67	SUMMER HEAT OCC	67
SUMMER HEAT UNOC	67	SUMMER HEAT UNOC	67
SUMMER COOL OCC	72	SUMMER COOL OCC	74
SUMMER COOL UNOC	74	SUMMER COOL UNOC	77
WINTER HEAT OCC	67	WINTER HEAT OCC	67
WINTER HEAT UNOC	67	WINTER HEAT UNOC	67
WINTER COOL OCC	72	WINTER COOL OCC	74
WINTER COOL UNOC	74	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO
RTU06 PROD/REG			
BEFORE CX		AFTER CX	
SUMMER HEAT OCC	70	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	68	SUMMER HEAT UNOC	68
SUMMER COOL OCC	74	SUMMER COOL OCC	74
SUMMER COOL UNOC	77	SUMMER COOL UNOC	77
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	74	WINTER COOL OCC	74
WINTER COOL UNOC	77	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO



HVAC SET POINT VERIFICATION[®]

RTU07 VESTABUL

BEFORE CX		AFTER CX	
SUMMER HEAT OCC	70	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	68	SUMMER HEAT UNOC	68
SUMMER COOL OCC	74	SUMMER COOL OCC	74
SUMMER COOL UNOC	77	SUMMER COOL UNOC	77
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	74	WINTER COOL OCC	74
WINTER COOL UNOC	77	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO

RTU08 CAFÉ

BEFORE CX		AFTER CX	
SUMMER HEAT OCC	70	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	68	SUMMER HEAT UNOC	68
SUMMER COOL OCC	74	SUMMER COOL OCC	74
SUMMER COOL UNOC	77	SUMMER COOL UNOC	77
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	74	WINTER COOL OCC	74
WINTER COOL UNOC	70	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO



HVAC SET POINT VERIFICATION[®]

RTU09 HOT FOOD

BEFORE CX		AFTER CX	
SUMMER HEAT OCC	70	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	68	SUMMER HEAT UNOC	68
SUMMER COOL OCC	74	SUMMER COOL OCC	74
SUMMER COOL UNOC	77	SUMMER COOL UNOC	77
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	74	WINTER COOL OCC	74
WINTER COOL UNOC	77	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO

RTU10 SEAFOOD

BEFORE CX		AFTER CX	
SUMMER HEAT OCC	70	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	68	SUMMER HEAT UNOC	68
SUMMER COOL OCC	74	SUMMER COOL OCC	74
SUMMER COOL UNOC	77	SUMMER COOL UNOC	77
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	74	WINTER COOL OCC	74
WINTER COOL UNOC	77	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO



HVAC SET POINT VERIFICATION[®]

RTU11 CONF RM

BEFORE CX		AFTER CX	
SUMMER HEAT OCC	70	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	68	SUMMER HEAT UNOC	68
SUMMER COOL OCC	74	SUMMER COOL OCC	74
SUMMER COOL UNOC	76	SUMMER COOL UNOC	77
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	74	WINTER COOL OCC	74
WINTER COOL UNOC	76	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO

RTU12 EAGLES N

BEFORE CX		AFTER CX	
SUMMER HEAT OCC	68	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	65	SUMMER HEAT UNOC	68
SUMMER COOL OCC	72	SUMMER COOL OCC	74
SUMMER COOL UNOC	75	SUMMER COOL UNOC	76
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	75	WINTER COOL OCC	74
WINTER COOL UNOC	78	WINTER COOL UNOC	76
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO



HVAC SET POINT VERIFICATION[®]

RTU13 FRONT			
BEFORE CX		AFTER CX	
SUMMER HEAT OCC	70	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	68	SUMMER HEAT UNOC	68
SUMMER COOL OCC	74	SUMMER COOL OCC	74
SUMMER COOL UNOC	77	SUMMER COOL UNOC	77
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	74	WINTER COOL OCC	74
WINTER COOL UNOC	77	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO
RTU14 KITCHEN			
BEFORE CX		AFTER CX	
SUMMER HEAT OCC	70	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	68	SUMMER HEAT UNOC	68
SUMMER COOL OCC	74	SUMMER COOL OCC	74
SUMMER COOL UNOC	77	SUMMER COOL UNOC	77
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	74	WINTER COOL OCC	74
WINTER COOL UNOC	77	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO



HVAC SET POINT VERIFICATION

RTU15 BAKRY			
BEFORE CX		AFTER CX	
SUMMER HEAT OCC	70	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	68	SUMMER HEAT UNOC	68
SUMMER COOL OCC	74	SUMMER COOL OCC	74
SUMMER COOL UNOC	77	SUMMER COOL UNOC	77
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	74	WINTER COOL OCC	74
WINTER COOL UNOC	77	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO

RTU16 MT HALL			
BEFORE CX		AFTER CX	
SUMMER HEAT OCC	70	SUMMER HEAT OCC	70
SUMMER HEAT UNOC	68	SUMMER HEAT UNOC	68
SUMMER COOL OCC	74	SUMMER COOL OCC	74
SUMMER COOL UNOC	77	SUMMER COOL UNOC	77
WINTER HEAT OCC	70	WINTER HEAT OCC	70
WINTER HEAT UNOC	68	WINTER HEAT UNOC	68
WINTER COOL OCC	74	WINTER COOL OCC	74
WINTER COOL UNOC	77	WINTER COOL UNOC	77
DEHUM OCC	70	DEHUM OCC	70
DEHUM UOC	80	DEHUM UOC	80
BLOWER MOTOR	AUTO	BLOWER MOTOR	AUTO

GUH1 RECEIVING			
BEFORE CX		AFTER CX	
HEAT OCC SP	68	HEAT OCC SP	65
HEAT UOC SP	68	HEAT UOC SP	63

GUH2 RECEIVING			
BEFORE CX		AFTER CX	
HEAT OCC SP	68	HEAT OCC SP	65
HEAT UOC SP	68	HEAT UOC SP	63

GUH3 MEAT DOCK			
BEFORE CX		AFTER CX	
HEAT OCC SP	68	HEAT OCC SP	65
HEAT UOC SP	64	HEAT UOC SP	63



HVAC SET POINT VERIFICATION[®]

GUH4 MEAT DOCK			
BEFORE CX		AFTER CX	
HEAT OCC SP	68	HEAT OCC SP	65
HEAT UOC SP	64	HEAT UOC SP	63
GUH45 PROD HALL			
BEFORE CX		AFTER CX	
HEAT OCC SP	68	HEAT OCC SP	65
HEAT UOC SP	68	HEAT UOC SP	63
VEST AIR DR NO			
BEFORE CX		AFTER CX	
HEAT OCC SP	68	HEAT OCC SP	68
HEAT UOC SP	65	HEAT UOC SP	65
VEST AIR DR SO			
BEFORE CX		AFTER CX	
HEAT OCC SP	68	HEAT OCC SP	68
HEAT UOC SP	65	HEAT UOC SP	65



LIGHTING SET POINT VERIFICATION

C01 PANEL HB			
BEFORE	ON 3:30	OFF 1:00	SMTWRFA
AFTER	ON 3:30	OFF 1:00	SMTWRFA

C02 GE SIGN LT			
BEFORE	ON 25FC/ OFF 75FC	ON 16:00/ OFF 8:00	SMTWRFA
AFTER	ON 25FC/ OFF 75FC	ON 16:00/ OFF 8:00	SMTWRFA

C03 50% CASE			
BEFORE	ON 7:00	OFF 23:30	SMTWRFA
AFTER	ON 7:00	OFF 23:00	SMTWRFA

C11 50%HB CHCK			
BEFORE	OFF 21:30	ON 7:00	STRA
	ON 7:00	NA	MWF
AFTER	OFF 21:30	ON 7:00	STRA
	ON 7:00	NA	MWF

C12 50%HB CHEK			
BEFORE	OFF 21:30	ON 7:00	MWF
	ON 7:00	NA	STRA
AFTER	OFF 21:30	ON 7:00	MWF
	ON 7:00	NA	STRA

C13 50% REGSTR			
BEFORE	OFF 23:50	ON 6:50	MWF
	ON 6:50	NA	STRA
AFTER	ON 7:00	OFF 23:00	SMTWRFA

C14 50% ISLE S			
BEFORE	OFF 21:30	ON 6:45	STRA
	ON 6:45	NA	MWF
AFTER	OFF 21:30	ON 7:00	STRA
	ON 7:00	NA	MWF

C15 50% ISLE S			
BEFORE	OFF 22:30	ON 6:45	MWF
	ON 6:45	NA	STRA
AFTER	OFF 21:30	ON 7:00	MWF
	ON 7:00	NA	STRA

C16 50%VST/CFE			
BEFORE	OFF 23:50	ON 6:50	STRA
	ON 6:50	NA	MWF
AFTER	OFF 23:00	ON 7:00	STRA
	ON 7:00	NA	MWF

C17 50%VST/CFE			
BEFORE	OFF 23:50	ON 6:50	MWF
	ON 6:50	NA	STRA
AFTER	OFF 23:00	ON 7:00	MWF
	ON 7:00	NA	STRA
	OFF 8:00	ON 16:00	SMTWRFA

C20 PRO/WN SPT			
BEFORE	OFF 23:45	ON 6:00	SMTWRFA
AFTER	OFF 23:30	ON 6:30	SMTWRFA

C21 PRO/WN FLO			
BEFORE	ON 0:00	ON 0:00	SMTWRFA
AFTER	ON 0:00	ON 0:00	SMTWRFA

C22 ELEC HEAT			
BEFORE	NA	NA	-
AFTER	NA	NA	-

C23 50% CASE			
BEFORE	OFF 23:30	ON 7:00	SMTWRFA
AFTER	OFF 23:00	ON 7:00	SMTWRFA

C24 FRONT SIGN			
BEFORE	ON 8:00	OFF 22:00	SMTWRFA
AFTER	ON 8:00	OFF 22:00	SMTWRFA



LIGHTING SET POINT VERIFICATION

C25 PHARM SIGN			
BEFORE	ON 8:00	OFF 21:00	MTWRF
	ON 8:00	OFF 18:00	A
	ON 9:00	OFF 17:00	S
AFTER	ON 8:00	OFF 21:00	MTWRF
	ON 8:00	OFF 18:00	A
	ON 9:00	OFF 17:00	S

C26 HBC WALL W			
BEFORE	ON 7:00	OFF 22:00	SMTWRFA
AFTER	ON 7:00	OFF 22:00	SMTWRFA

C27 HBW DÉCOR			
BEFORE	ON 8:00	OFF 22:00	SMTWRFA
AFTER	ON 8:00	OFF 22:00	SMTWRFA

C28 PHARM VEST			
BEFORE	ON 6:30	OFF 0:01	SMTWRFA
AFTER	ON 7:00	OFF 23:30	SMTWRFA

C29 HBW LTG			
BEFORE	OFF 22:00	ON 7:00	SMTWRFA
AFTER	OFF 22:00	ON 7:00	SMTWRFA

LIQUOR SIGN			
BEFORE	ON 9:00	OFF 21:00	SMTWRFA
AFTER	ON 9:00	OFF 21:00	SMTWRFA

Cuyahoga

Mercantile Customer Project Commitment Agreement
Exemption 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., its permitted successors and assigns (hereinafter called the "Customer") (collectively the "Parties" or individually the "Party") and is effective on the date last executed by the Parties as indicated below.

WITNESSETH

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

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

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

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

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

WHEREAS, the Customer, pursuant to and consistent with the Statute, desires to pursue exemption from paying charges included in the Company's then current cost recovery mechanism (hereinafter, "Rider DSE") as approved by the Public Utilities Commission of Ohio ("Commission") for recovery of the DSE2 costs associated with the Company Plan; and is committing the Customer Energy Project(s) as a result of such exemption.

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 an exemption; and

WHEREAS, in consideration of, and upon receipt of, said exemption, Customer has consented to committing the Customer Energy Project(s) to the Company and complying with all other terms and conditions set forth herein, including without limitation, the submission of an annual report on the energy savings and/or peak-demand reductions achieved by the Customer Energy Project(s).

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

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

acknowledges that the information provided to the Company about the Customer Energy Project(s) is true and accurate to the best of its knowledge.

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

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

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

- b. The Company acknowledges that some of Customer's Energy Projects contemplated in this paragraph may have been performed under certain other federal and/or state programs in which certain parameters are required to be maintained in order to retain preferential financing or other government benefits (individually and collectively as applicable, "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 exemption benefits discussed in Article 3 below; and (ii) will not affect any of Customer's other requirements or obligations, including without limitation any reporting requirements, as set forth herein.
- 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 a 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" 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 exemption from paying the DSE2 charge of the Company's Rider DSE.

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 Exemption and Annual Report.** Upon Commission approval of the request for exemption, the Company will exempt Customer from paying any Rider DSE charges consistent with any Commission directives as set forth in the Commission's Finding and Order approving the Joint Application. Such exempt status shall apply to those accounts identified by Customer that pertain to those Customer sites with one or more Customer Energy Project(s) approved for integration into the Company Plan by the Commission in the Joint Application.

- a. For purposes of this Agreement, a "site" shall be a single location with one or more facilities. As examples only, a site includes an industrial plant, a hospital complex or a university located on one or more parcels of land, provided that said parcels are contiguous.
- b. For purposes of this Agreement, an "account" shall be as defined by the Company through its normal business practices. Any account identified by Customer shall be eligible for exemption, provided that said account pertains to a specific site with at least one Customer Energy Project that qualifies Customer for exemption from paying Rider DSE charges.
- c. Any new accounts created at a site on which there is already an approved Customer Energy Project shall, at the option of the Customer, be included within the exemption granted under said project, and shall be included for purposes of calculating future eligibility for exemption under the project. Any such election shall become effective in the first billing cycle after March 15th following identification of said account in the annual report required under Section 3(d)(iii) below.
- d. Customer acknowledges and agrees that if it desires to pursue such exempt status, as evidenced in the Joint Application, Customer is obligated to provide to the Company an annual report on the energy savings and peak-demand reductions achieved by the Customer Energy Project(s) on a calendar year basis. Company shall provide Customer with such information as it may require, that is in Company's possession, for the purposes of preparing such report. Company shall provide a template for Customer to use in preparing the annual report and shall make available a designated Company representative to answer questions.

- i. Said report shall be submitted annually on or before January 31 of each year after Commission approval of the Joint Application.
- ii. Said report shall provide all information required under the Rules, and where the requirements of the Rules conflict with a requirement under this Agreement or the Joint Application, the requirements of the Rules shall control.
- iii. Said report shall, at a minimum, include the following information for each Customer Energy Project that has been approved by the Commission:
 - 1. A demonstration that the energy savings and peak-demand reductions associated with the Customer Energy Project(s) meet the total resource cost test or that the Company's avoided cost exceeds the cost to the Company for the Customer's program;
 - 2. A statement distinguishing programs implemented before and after January 1 of the current year;
 - 3. A quantification of the energy savings or peak-demand reductions for programs initiated prior to 2009 in the baseline period;
 - 4. A recognition that the Company's baselines have been increased by the amount of mercantile customer energy savings and demand reductions;
 - 5. A listing and description of the Customer Energy Projects that have been implemented, which provides the detail required by the Rules;
 - 6. An accounting of expenditures made by the mercantile customer for each program and its component energy savings and peak-demand reduction attributes; and
 - 7. A timeline showing when each Customer Energy Project went into effect and when the energy savings and peak-demand reductions occurred.
 - 8. Any other information reasonably necessary for the Company to (i) verify Customer's continued eligibility for exemption from paying Rider charges; and (ii) report in the Company's annual status report to the Commission the EE&PDR results related to each Customer Energy Project.
- e. Customer's exemption shall automatically terminate:
 - i. At the end of the exemption period as determined by the Commission
 - ii. Upon order of the Commission or pursuant to any Commission rule;
 - iii. If Customer fails to comply with the terms and conditions set forth in the Company's then current Rider DSE, or its equivalent, as amended from time to time by the Commission, within a reasonable period of time after receipt of written notice of such non-compliance;
 - iv. If it is discovered that Customer knowingly falsified any documents provided to the Company or the Commission in connection with this Agreement or the Joint Application. In such an instance, Company reserves the right to recover any

exempted rider charges from the date of approval of the Joint Application through the date said exemption is terminated; or

- v. If Customer fails to submit the annual report required in (d) above. In such an instance, Company reserves the right to recover any exempted rider charges from the date of approval of the Joint Application through the date said exemption is terminated. It is expressly agreed that this provision shall not apply should said report contain errors, provided that the submission of said report is made in good faith. It is further agreed that the Company will provide written notice of the date on which said report is due at least thirty (30) days prior thereto.
- f. Company reserves the right to recover from Customer any Rider DSE charges incurred by Customer after the date Customer's exemption terminates.

3. Termination of Agreement. This Agreement shall automatically terminate:

- a. If the Commission fails to approve this Agreement through the Joint Application;
- 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 exemption, 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.

Customer acknowledges that if a Customer Project is withdrawn pursuant to Paragraph 1(b) of this Agreement, the exemption or a portion of such exemption may be affected. Should Customer elect to withdraw a project pursuant to Paragraph 1(b), Customer shall provide Company with reasonable assistance in preparing any documentation that may be required by the Commission and, upon reasonable request, shall provide documentation supporting the necessity to withdraw such project.

4. 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.
5. **Taxes.** Customer shall be responsible for all tax consequences (if any) arising from the application of the exemption.
6. **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:

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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 Dr, Pittsburgh, PA 15238
Pittsburgh, PA 15238
Attn: Antoinette Lichty
Telephone: 412-967-3649
Fax:
Email: antoinette.lichty@gianteagle.com

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.

7. **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.
8. **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.
9. **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.
10. **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.
11. **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.

12. **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.
13. **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.

The Cleveland Electric Illuminating Company
(Company)

By: 

Title: VP of Energy Efficiency

Date: 7-8-15

Giant Eagle, Inc.
(Customer)

By: 

Title: SA VP. Real Estate + Development

Date: 5-28-15

Affidavit of Giant Eagle, Inc. – Exhibit A

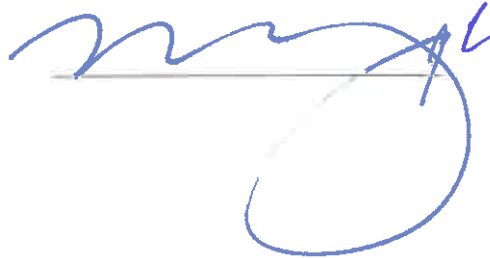
STATE OF OHIO)
)
COUNTY OF Cuyahoga)

SS:

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

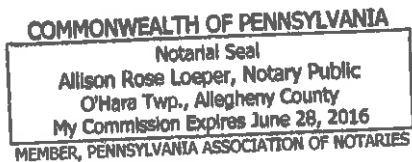
1. I am the Title of Giant Eagle, Inc. ("Customer") As part of my duties, I oversee energy related matters for the Customer.
2. The Customer has agreed to commit certain energy efficiency projects to The Cleveland Electric Illuminating Company ("Company"), which are the subject of the agreement to which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

FURTHER AFFIANT SAYETH NAUGHT.



Sworn to before me and subscribed in my presence this 1 day of July, 2015.

Notary



This foregoing document was electronically filed with the Public Utilities

Commission of Ohio Docketing Information System on

10/12/2015 2:08:56 PM

in

Case No(s). 15-0835-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.