

Case No.: <u>16-2321-EL-EEC</u>

Mercantile Customer:	Procter and Gamble
Electric Utility:	Duke Energy
Program Title or Description:	High Efficiency Chiller Plant

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. <u>10-834-EL-POR</u>

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 <u>ee-pdr@puc.state.oh.us</u>.

Section 1: Mercantile Customer Information

Name: **Procter and Gamble**

Principal address: **1 Procter and Gamble Plaza Cincinnati, OH 45202**

Address of facility for which this energy efficiency program applies:

8700 Mason Montgomery Road Mason, OH 45040

Name and telephone number for responses to questions:

Andrew Taylor, (317) 838-2096

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. (Refer to Appendix A for 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: **Duke Energy**
- 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)).

The original chiller plant was upgraded and expanded with high efficiency equipment (chiller, pumps, controls) in coordination with significant building expansion (Mason Business Center).

- □ 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:
 - 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: 2,994,170 kWh Refer to Appendix B for calculations and supporting document

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.

 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.

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

Annual savings: _____kWh

Section 4: Demand Reduction/Demand Response Programs

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

✓ 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.)
- D 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?

The chiller plant and expansion were completed in December 2015.

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

180 kW

Refer to Appendix B for calculations and supporting documentation.

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 \$110,414. Refer to Appendix C for documentation. (Rebate shall not exceed 50% project cost.
 - 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 23.28 (Skip to Subsection 2.) Refer to Appendix D for calculations and supporting documents.

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 **\$3,495,757**.

The utility's program costs were **\$39,764**.

The utility's incentive costs/rebate costs were **\$110,414**.

Refer to Appendix D for calculations and supporting documents.

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.

Refer to Offer Letter following this application

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.

69302121		
PROCTER & GAMBLE		
8340 S Mason Montgomery Rd		
Mason, OH 45040-4025		
Date	Days	Actual KWH
06/30/2016	29	4,634,416
06/01/2016	32	4,018,164
05/02/2016	29	3,373,997
04/01/2016	30	3,270,100
03/02/2016	29	3,157,680
02/02/2016	32	3,358,261
01/04/2016	31	3,336,084
12/01/2015	33	3,827,552
10/29/2015	29	3,138,562
09/30/2015	32	3,980,795
08/31/2015	29	3,677,925
07/31/2015	30	4,061,202
Total		43,834,738

Appendix E	3 - Proctor & Gamble Energy Savings Ac	hieved							
	Baseline Use	ed		Post Project Actual				Savi	ngs
			Summer			Summer			Summer
			Coincident			Coincident	Hours of		Coincident
	Description	Annual kWh	kW	Description	Annual kWh	kW	Operation	Annual kWh	kW
ECM - 1	Standard Efficiency Chiller Plant	8,294,600	1,140	High Efficiency Chiller Plant	5,300,429	960	8,760	2,994,171	180.0
Notes:	Energy consumption baseline, demand I	baseline and po	st project ener	gy consumption basis are outlined in the following pages.					
After consi	deration of line losses, total energy savin	gs are 3,199,03	2 kWh and 18	6.7 summer coincident kW. These values may also reflect minor	DSMore mode	ling software	rounding erro	or.	
		·							

Appendix C -Cash Rebate Calculation

Proctor & Gamble Chiller Plant

Measure	Quantity	Cash Rehate Rate	Cash Rehate
IN Easure	Quantity	Cash Repate Nate	Cash Repate
		50% of incentive that would be offered by	
High Efficiency Chiller Plant	1	the Smart \$aver Custom program	\$110,414
			\$110,414

Appendix D -UCT Value

Proctor & Gamble Chiller Plant

Measure	Total Avoided Cost	Program Cost	Incentive	Quantity	Measure UCT
High Efficiency Chiller Plant	\$3,495,757	\$39,764	\$110,414	1	23.28
Totals	\$3,495,757	\$39,764	\$110,414	1	

Total Avoided Supply Costs	\$3,495,757	Aggregate Application UCT	23.28
Total Program Costs	\$39,764		
Total Incentive	\$110,414		



customprocessing@duke-energy-energyefficiency.com

10/25/2016

John Reese PROCTER & GAMBLE PO# G4P-4502934351 - 6930212101 8340 S MASON MONTGOMERY RD MASON OH 45040-4025

Subject: Your Application for a Duke Energy Mercantile Self-Direct Rebate CMO16-0000094395

Dear John Reese,

Thank you for your Duke Energy Mercantile Self Direct rebate application. As noted in the Energy Conservation Measure (ECM) chart on page 2, a total rebate of \$110,414.00 has been proposed for your project completed in the 2015 calendar years. All Self Direct Rebates are contingent upon approval by the Public Utilities Commission of Ohio (PUCO).

At your earliest convenience, please indicate if you accept this rebate by:

- providing your signature on Page 2
- completing the PUCO-required affidavit on Page 3

Please return the documents to my attention via fax at 513.629.5572 or email to customprocessing@duke-energy-energyefficiency.com. Upon receipt, Duke Energy will submit the necessary documentation to PUCO. Following PUCO's approval, Duke Energy will remit payment.

We value your business and look forward to working with you on this and future energy efficiency projects. We hope you will consider our Smart \$aver® incentives, when applicable. Please contact me if you have any questions.

Sincerely,

Andrew Taylor Program Manager Custom Incentives

cc: Mike Harp Paul Erlich



PROCTER & GAMBLE PO# G4P-4502934351 - 6930212101 - CMO16-0000094395 Custom Incentive Offer Letter 10/25/2016 Page 2

Please indicate your response to this rebate offer within 30 days of receipt.

Rebate is accepted.

Rebate is declined.

By accepting this rebate, PROCTER & GAMBLE PO# G4P-4502934351 - 6930212101 affirms its intention to commit and integrate the energy efficiency projects listed on the following pages into Duke Energy's peak demand reduction, demand response and/or energy efficiency programs.

Additionally, PROCTER & GAMBLE PO# G4P-4502934351 - 6930212101 also agrees to serve as joint applicant in any future filings necessary to secure approval of this arrangement as required by PUCO and to comply with any information and reporting requirements imposed by rule or as part of that approval.

Finally, PROCTER & GAMBLE PO# G4P-4502934351 - 6930212101 affirms that all application information submitted to Duke Energy pursuant to this rebate offer is true and accurate. Information in question would include, but not be limited to, project scope, equipment specifications, equipment operational details, project costs, project completion dates, and the quantity of energy conservation measures installed.

If rebate is accepted, will you use the monies to fund future energy efficiency and/or demand reduction projects?
Yes XNo

Customer Signature

Mark Kasase

Printed Name

11-23-2016

Date



PROCTER & GAMBLE PO# G4P-4502934351 - 6930212101 - CMO16-0000094395 Custom Incentive Offer Letter 10/25/2016 Page 3

Proposed Rebate Amounts

Measure ID	Energy Conservation Measure	Proposed Rebate Amount
ECM-1	High Efficiency 1500 Ton Chiller & MBC Expansion	\$110,414.00 per project X 1
	Total	\$110,414.00

Ohio Public Utilities Commission

Application to Commit

Energy Efficiency/Peak Demand Reduction Programs

Case No.: ____-EL-EEC

State of Ohio :

Mark Rasse, Affiant, being duly sworn according to law, deposes and says

1. I am the duly authorized representative of:

The Procter and Gamble Company INSERT CUSTOMER OR EDU COMPANY NAME AND ANY APPLICABLE NAME (S) DOING BUSINESS ASI

2. I have personally examined all the information contained in the foregoing application, including any exhibits and attachments. Based upon my examination and inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete.

3. I am aware offines and penalties which may be imposed under Ohio Revised Code Sections 2921.11, 2921.31, 4903.02, 4903.03, and 4903.99 for submitting false information.

Kajon

SIGNATURE OF AFFIANT & TITLE

Sworn and subscribed before me this 23_{DAY} day of 433_{MONTH} , 216_{YEAR} Aleasha Morris Bunker

east Marris SIGNATURE OF OFFICIAL ADMINISTERING OATH

My commission expires on $\frac{10}{DATE}$



ALEASHA MORRIS

NOTARY PUBLIC STATE OF OHIO

My Commission Expires October 20, 2020



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Ohio Mercantile Self Direct Program

Application Guide & Cover Sheet

Questions? Call 1-866-380-9580 or visit www.duke-energy.com.

Email this form along with <u>completed Mercantile Self Direct Prescriptive or Custom applications</u>, proof of payment, energy savings calculations and spec sheets to <u>SelfDirect@Duke-Energy.com</u>. You may also fax to 1-513-629-5572.

Mercantile customers, defined as using at least 700,000 kWh annually or having an account in multiple locations are eligible for the Mercantile Self Direct program. Indicate which applies:

- 🖹 a single Duke Energy Ohio account with 700,000 kWh annual usage
- an account with multiple locations

Please list Duke Energy account numbers below (attach listing of multiple accounts and/or billing history for other utilities as required):

Account Number	Annual Usage	Account Number	Annual Usage
69302121 01			

Self Direct rebates are available for completed Custom projects that have not previously received a Duke Energy Smart \$aver® Custom Incentive. Self Direct rebates are applicable to Prescriptive measures that were installed more than 90 days prior to submission to Duke Energy and have not previously received a Duke Energy Prescriptive rebate.

Self Direct Program rules allow for, though do not require, certain projects that are Prescriptive in nature under the Smart \$aver program to be evaluated using the Custom process in the Self Direct program. Use the list on page two as a guide to determine which Self Direct program best fits your project(s). Apply for Self Direct projects using the appropriate application forms in conjunction with this cover sheet.

Self Direct Program rules also allow for behaviorally based and/or no cost and low cost projects to receive rebates.

Please check each box to indicate completion/inclusion of the following program requirements:

All sections of	☐≱ Proof of	☐xManufacturer's	🔀 Energy
appropriate	payment.*	Spec sheets	model/calculations
application(s) are			and detailed inputs for
completed			Custom applications

*If a single payment record is intended to demonstrate the costs of both Prescriptive & Custom projects, please include an additional document with an estimated breakout of costs for each Prescriptive and Custom energy conservation measure.

**Behavioral energy efficiency and demand reduction projects must be both measurable and verifiable. Provide justification with your application. Rebates for such projects may be small in magnitude.

Mercantile Self Direct Nonresidential Custom Rebate Application PART 1



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Application Type	Prescriptive Measures with Optional Custom Processing					
Heating & Cooling and Window Films, Programmable Thermostats &	Energy Star Window/Sleeve/Room AC Central Air Unit	Air Source Heat Pump Water Heater				
Guest Room Energy Management Systems	Setback/Programmable Thermostat Guestroom Energy Management Control	U Window Film				
Chillers & Thermal Storage	Air Cooled Chiller	KWater Cooled Chiller				
Motors, Pumps and Variable Frequency Drives (VFDs)	VFD – Applied to Process Pump VFD – Applied to HVAC Pump	VFD – applied to HVAC Fan				
Food Service	 ENERGY STAR Hot Food Holding Cabinet Night Covers for Display ECM Cooler, Freezer, and Display Case Motors ENERGY STAR Solid or Glass Door Reach-in Freezer or 	Anti-Sweat Heater Control Cooking Equipment ENERGY STAR ICE MACHINE Refrigerator				
Process Equipment	Engineered Nozzle – COMPRESSED AIR Air compressor equipped with VFD	Pellet Dryer Duct Insulation				
Chiller Tune-ups	Air cooled chiller tune-up	Water cooled chiller tune-up				

Please indicate above any Prescriptive energy conservation measures to be evaluated through the Custom process. Only Prescriptive measures listed above are eligible for this option. To receive a Self Direct Custom rebate, a detailed analysis of pre-project and post-project energy usage and project costs must be included in the application.

Although some Self Direct Prescriptive measures are eligible for evaluation through Custom processes, such an approach may not be most effective for certain measures.



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Proposed energy efficiency measures may be eligible for Self-Direct Custom rebates if they clearly reduce electrical consumption and/or demand as compared to the appropriate baseline.

Before you complete this application, please note the following important criteria:

- Submitting this application does not guarantee a rebate will be approved.
- Rebates are based on electricity conservation only.
- Electric demand and/or energy reductions must be well documented with auditable calculations.
 - Incomplete applications cannot be reviewed; all fields are required.

Refer to the complete list of Instructions and Disclaimers, beginning on page 6.

Notes on the Application Process

If you have any questions concerning how to complete any portion of the application or what supplementary information is required, please contact your Duke Energy Ohio, Inc account manager or the Duke Energy Self Direct team at 1-866-380-9580.

Every application must include calculations of the baseline electrical usage and the electrical usage of the proposed high-efficiency equipment/system. These calculations are performed and submitted by the Duke Energy Ohio customer, or your designated equipment vendor / engineer. Application Part 2 worksheets and page 6 of this application contain additional guidance on acceptable calculations. *Complex or unique projects may require the use, at the applicant's expense, of modeling software.* Please contact the Duke Energy Self Direct team with questions about these requirements.

If you do not receive an acknowledgement email within 1 day of submitting an application via online, email, or fax, or within 1 week of sending an application via mail, please call 1-866-380-9580. The acknowledgement email will provide with an estimated response time based on an initial assessment of your application. The application review may include some communication to resolve any questions about the project or to request additional information. Applications that are received complete without missing information have a faster review time.

There are two ways to submit your completed application form and excel worksheets.

Email: Complete, sign, scan and send this application form and attachments to: <u>SelfDirect@duke-energy.com</u> (Note attachment size.limit is applicable)

Fax: 513-629-5572



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1. Contact Information (Required)

Duke Energy Customer Contact Information								
Company Name	Procter an	Procter and Gamble						
Address	8700 Mason Mo	8700 Mason Montgomery Road						
City	Mason	State	ОН	Zip Code	45040			
Project Contact	John Reese Of	Jim Ku	chn	•				
Title	P&G Engineering	1 Site	Facil					
Office Phone	Mobile F	Phone 513-7	720-9661	Fax 513-6	18 - 6989 /			
E-mail Address	reese.j.1@pg.com	ar K	uchn.	TL@PG.CO	~ 10			

Equipment Vendor / Contractor / Architect / Engineer Contact Information								
Company Name	Building	Building Intelligence Group (Duke EDA Consultant)						
Address	5304 Barry Lane							
City	St. Paul		State	MN	Zip Code	55110		
Project Contact	🕞 Mr. 🔲 Mis	Paul Ehr	lich		· · · · · ·	-		
Title	President							
Office Phone	651 204 010	5Mobile Phone			Fax	-		
E-mail Address	Paul@buildingintelligencegroup.com							

Who is the primary point of contact for technical questions?¹

Paul Ehrlich

Payment Information											
If an incentive is awarded, who should receive payment? ²											
Customer Vendor (Customer must sign below)											
I hereby authorize payment of incentive directly to the vendor:											
Customer Signature	Date//(mm/dd/yyyy)										
Tax ID Number for Payee											
Provide W-9 for Payee											

¹ Note that if the vendor is the primary point of contact, the customer will still be copied on all application correspondence. If the customer does not wish to be copied, the customer must provide a signed waiver indicating an entity acting as agent for the customer. Duke Energy does not act as agent. ² If payment is to be made to an entity other than the Duke Energy account holder or the vendor, a

payment waiver is required and will be provided for customer signature.

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2. Project Information (Required)

- A. Please indicate project type:
 - New Construction
 - Expansion at an existing facility (existing Duke Energy account number)
 - Replacing equipment due to equipment failure
 - Replacing equipment that is estimated to have remaining useful life of 2 years or less
 - Replacing equipment that is estimated to have remaining useful life of more than 2 years
 - Behavioral, operational and/or procedural programs/projects
- B. Please describe your project, or attach a detailed project description that describes the project.

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See attached report. This application is for the new "winter chiller" - that is used for base loading.
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- C. When did you start and complete implementation? Start date / (mm/yyyy) End date / (mm/yyyy) 9/2015 - 12/2015
- D. Are you also applying for Self-Direct Prescriptive rebates and, if so, which one(s)³? No
- E. Please indicate which worksheet(s) you are submitting for this application (check all that apply):
 - Lighting
 - Variable Frequency Drive (VFD)
 - Compressed Air
 - Energy Management System (EMS)
 - General (for projects not easily submitted using one of the above worksheets)
- F. List all assumptions about the baseline and proposed equipment energy use and operation schedule, or attach a document listing that information. Attach specification sheets for all proposed new equipment. See attached spread sheet and equipment submittal
- G. Attach a supplier or contractor estimate, engineer's cost estimate, and/or other equivalent information documenting the Implementation Cost for each project listed in your application. Does the Implementation Cost include any internal labor⁴? No If yes, please specify which costs are internal labor.

3. Signature

³ If your project involves some equipment that is eligible for prescriptive rebates and some equipment that is likely eligible for custom rebates, and if it is feasible to separate the equipment for the energy analysis, then the equipment will be evaluated separately. If it is not feasible to separate the equipment for analysis, then the equipment will be evaluated together in the custom application.

⁴ Internal labor costs cannot be counted in the Incremental Project Cost for purposes of analysis.



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(Required - must be signed by Duke Energy customer)

Customer Consent to Release of Personal Information

I, (insert name) Awwae RACHER, do hereby consent to Duke Energy disclosing my Duke Energy Ohio, Inc Account Number and Federal Tax ID Number to its subcontractors solely for the purpose of administering Duke Energy Ohio's Mercantile Self-Direct Program. I understand that such subcontractors are contractually bound to otherwise maintain my Duke Energy Ohio, Inc Account Number and Federal Tax ID Number in the strictest of confidence.

I realize that under the rules and regulations of the public utilities commission. I may refuse to allow Duke Energy Ohio, Inc to release the information set forth above. By my signature, I freely give Duke Energy Ohio, Inc permission to release the information designated above.

Application Signature

I certify that I meet the eligibility requirements of the Duke Energy Ohio, Inc Mercantile Self Direct Custom Rebates Program and that all information provided within this application is correct to the best of my knowledge. I agree to the terms and conditions set forth for this program. I certify that the numbers, energy savings, and responses shown on this form are correct. Further, I certify that the taxpayer identification number is current and correct. I am not subject to backup withholding because: (a) I am exempt from backup withholding; or (b) I have not been notified by the IRS that I am subject to backup withholding as a result of a failure to report all interest or dividends; or (c) the IRS has notified me that I am no longer subject to backup withholding. I am a U.S. citizen (includes a U.S. resident alien).

Duke Energy Ohio, Inc Customer Signature

Print Name ANWAR BASHER Date 7/19/2016

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Mercantile Self Direct Nonresidential Custom Rebate Application PART 1



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Checklist for completing the Application

INCOMPLETE APPLICATIONS WILL RESULT IN DELAYS IN DUKE ENERGY PROCESSING YOUR APPLICATION AND NOTIFYING YOU CONCERNING AY REBATES. Before submitting the application and the required supplementary information, use the following checklist to ensure that your application is complete and the information in the application is accurate. (Note: this checklist is <u>for your use only</u> – do'not submit this checklist with your application)

- Section No. ও নাাাত	Heve You:
1. Contact	Completed the contact information for the Duke Energy customer?
Information	Completed the contact information for the equipment vendor / project
	engineer that can answer questions about the technical aspects of the
	project, if that is a different person than above?
2. Project	Answered the questions A-G, including providing a description of your
Information	project.
	Completed and attached the lighting, compressed air, VFD, EMS
	and/or General worksheet(s)?
	Attached a supplier or contractor estimate, engineer's cost estimate,
	and/or other equivalent information documenting the Implementation Cost
	for <u>each</u> project listed in your application? (Note: self-install costs cannot
	be included in the Implementation Cost)
3. Signature	Signed your name?
	Printed your name?
	Entered the date?
Supplementary	
information	(If submitting the General Worksheet) attached calculations
(Required)	documenting the energy usage and energy savings for each project listed
	in your application?

If you have any questions concerning how to complete any portion of the application or what supplementary information is required, please contact:

- your Duke Energy account manager or,
- the Duke Energy Self Direct team at 1-866-380-9580.

Submit your completed, signed application with attachments via email or fax:

Email:	SelfDirect@duke-energy.com
Fax:	1-513-629-5572.

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Mercantile Self Direct Nonresidential Custom Rebate Application PART 1

Preferred Customized Calculation Tools

Please refer to the list below of the preferred software tools to use when calculating the baseline electrical usage and the electrical usage of the proposed high-efficiency equipment or system. Click on each software tool to learn more.

Software Tool	Category
<u>eQuest</u>	Nonresidential retrofits and new construction
<u>EnergyPlus</u>	Nonresidential retrofits and new construction; Whole building simulation
Carrier® HAP	HVAC
<u>Trane® Trace</u> ™	HVAC
DOE OIT Pumping System Assessment Tool (PSAT)	Pumps
MotorMaster+	Motors
<u>AirMaster</u>	Air compressor systems
Emerson [™] Product Selection & Energy Analysis	Refrigeration compressor retrofits using BIN analysis. ² For projects of approximately 250,000 kWh or less.
DOE2.2R	Refrigeration measures
<u>SkyCalc[™]</u>	Skylighting
<u>BinMaker®</u>	Weather data analysis tool
AFT Fathom	Fluid flow analysis for industrial systems



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Instructions/Terms/Conditions

Note: Please keep for your records- do not submit with the application

- 1. Energy service companies or contractors may assist in preparing the application, but an authorized representative of the customer must sign this application to be eligible to participate in the Mercantile Self Direct Program. Completion of this application does not guarantee the approval of a Self Direct Custom Rebate.
- Once all documentation requested in this application is received by *Duke Energy Ohio, Inc,* and any follow-up information requested by *Duke Energy* is received, the rebate amount for each Energy Conservation Measure (ECM) will be communicated to the customer. The rebate amount will be based on ECM energy savings and ECM incremental installation cost.
- 3. All rebates require approval by the Public Utilities Commission of Ohio. *Duke Energy Ohio, Inc* will submit an application for rebate on the customer's behalf upon customer attestation to program terms, conditions and requirements as outlined in the rebate offer letter and upon customer completion of attestation documents required by the Public Utilities Commission of Ohio.
- 4. *Duke Energy Ohio, Inc* will issue a Self Direct Custom Rebate check, based on the approved rebate amount for each ECM, upon receiving approval from the Public Utilities Commission of Ohio. *Duke Energy* Ohio, Inc does not guarantee PUCO approval.
- 5. With the application, the customer must provide a list of all sites where the ECMs were installed. *Duke Energy Ohio, Inc* requests that sites of similar size, hours of operation and energy consuming characteristics be grouped together in one application for the determination of the rebate amount. The application should identify the site where each unique ECM was installed.
- 6. Based on the information submitted with the application and the information gathered both before and after the initial installation of the ECM, *Duke Energy Ohio, Inc* will calculate the rebate amount for each ECM.
- 7. Duke Energy Ohio, Inc may conduct random site inspections of a sample of the locations where the ECMs are installed to verify installation and operability of the ECMs and to obtain information needed to calculate the Approved Rebate Amount.
- 8. Customers are encouraged to retain copies of all forms, invoices and supporting documentation for their records.
- 9. Approved rebates are valid for 6 months from the date communicated to the customer by Duke Energy Ohio, Inc, subject to the expiration of measure eligibility based on project completion dates and application submission deadlines as defined by PUCO. Customers are encouraged to execute their rebate offer contracts and PUCO-required affidavits promptly to ensure eligibility is not forfeited.



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- 10. *Duke Energy Ohio, Inc* reserves the right to recover all unrecoverable costs associated with the project approval if the customer decides not to execute the rebate contract, after the project is approved by *Duke Energy Ohio, Inc.*
- 11. Projects financially supported by other funding sources will be evaluated on a case-by-case basis for potential partial funding from *Duke Energy Ohio, Inc.*
- 12. Participants must be *Duke Energy Ohio, Inc* nonresidential, mercantile customers with the project sites in the *Duke Energy Ohio, Inc* service territory.
- 13. Customers or trade allies may not use any *Duke Energy* logo without prior written permission.
- 14. Only trade allies registered with Duke Energy are eligible to participate.
- 15. All equipment must be new. Used or rebuilt equipment is not eligible for rebates. All old existing equipment must be removed on retrofit projects.
- 16. Disclaimers: Duke Energy Ohio, Inc
 - a. does not endorse any particular manufacturer, product or system design within the program;
 - b. will not be responsible for any tax liability imposed on the customer as a result of the payment of rebates;
 - c. does not expressly or implicitly warrant the performance of installed equipment. (Contact your contractor for details regarding equipment warranties.);
 - d. is not responsible for the proper disposal/recycling of any waste generated or obsolete or old equipment as a result of this project;
 - e. is not liable for any damage caused by the installation of the equipment nor for any damage caused by the malfunction of the installed equipment; and
 - f. reserves the right to change or discontinue this program at any time. The acceptance of program applications is determined solely by *Duke Energy Ohio, Inc.*

Procter and Gamble MBC - New 1,500 Ton Chiller

Inputs

Estimated Loading	Outdoor DB	Load (A)	Load (B)			
	20	200	1130			
	40	300	1130			
	60	1500	1500			
	100	1500	1500			
Current Efficiency	Machine	kW/Ton	Notes			
	300	1.16	Air Cooled T	rane RTAA - E	ased on origir	nal submittal and nameplate da
	1500	0.57	Code compl	iant alternativ	e - Per ASHRA	E 90.1 2007
	2,000	0.68	Original Yor	k YKS - Based	on original sul	omittal data
Proposed New Chiller Eff.	CAP/EFF	55	65	75	85	
Based on proposed York	20%	0.3	0.4	0.56	0.78	
YK MAXE Chiller	40%	0.21	0.3	0.46	0.6	
	60%	0.2	0.29	0.42	0.56	
	80%	0.22	0.3	0.42	0.55	
	100%	0.285	0.35	0.45	0.56	
Tower Data						
Approach Temp.	10					
Tower KW/Ton	0.2					

Outputs

Monthly Energy Savings	Jan	Feb	I	March	April	May	J	une	July		August	September	October	November	December	Annual
Peak kW Reduction		595	595	595		595	595	593	3	495	345	593	595	595	595	595
kWH		434,561	382,178	407,922	320,	980	256,998	195,22	5	148,020	158,670	221,865	342,211	369,444	427,108	3,665,182
Savings (@ \$.10/kWH)		\$43,456	\$38,218	\$40,792	\$32,	098	\$25,700	\$19,523	3	\$14,802	\$15,867	\$22,187	\$34,221	\$36,944	\$42,711	\$366,518
Estimated Duke Incentive																
(\$.085.kWH)		\$36,938	\$32,485	\$34,673	\$27,	283	\$21,845	\$16,594	1	\$12,582	\$13,487	\$18,859	\$29,088	\$31,403	\$36,304	\$311,540
Duke Demand Incentive (\$175																
per Summer kW)								593	3	495	345	593				\$103,688
Total Potential Incentive																\$415,228

Notes and Assumptions:

New 1,500 ton chiller is being installed as an "enabling project" to support both the existing building and accomadate the expansion

The proposed new chiller will have a VFD and will use condenser water reset. Efficienies in the table above are from the York provided submittal data

The new chiller will serve as base loading machine in both summer and winter

In current operation the plant operates a 300 Ton air cooled machine when OA is below 40 degrees and a series of 2,000 Ton machines when OA is above 40 degrees (total plant load is around 8,000 tons and will expand to 12,000 tons with the expansion) Efficiencies for the existing machines are taken from their original submittal data and nameplates

Winter load is anticipated to rise from the current 300 tons up to the values stated above for "load B:" based on a study commissioned by the owner

The owner has had an engineering study conducted that shows existing winter load (below 40 degrees) is 430 Tons. The design for the new additons is anticioated to increase this by 700 tons when OA temp is below 40 degrees.

Since winter capacity is currently limited to 300 tons a "code compliant" machine was included to cover the gap in capacity between the anticipatd winter load and the existing 300 ton air cooled chiller

The efficiency of the existing 2,000 ton chiller was used when not in "winter" mode

Weather data is from the DOE Energy Plus Weather File for Cincinnati

The plant currently operates 24x7 and is anticipated to continue to operate at least the base loading on this schedule

											A/C Chiller	Code			Proposed			
						Esti	mated Load E	Estimated	Winter	A/C	Energy Use	Machine	Original YKS	Total Base	Machine %	Proposed	Proposed	
Month Day	Hour	DB ©	DB (F)	DP ©	DP (F) WB	(F) Tod	ay L	oad Future	Mode	ChillerTonnage	e (kW)	Usage (kW)	Usage (kW)	Usage (KW)	load	Machine Eff	Usage (kW)	Delta
1	1	1 -3	26.6	-6	21.2	24.8	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1	2 -3.3	26.06	-6.1	21.02	24.38	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1	3 -3.3	26.06	-6.7	19.94	24.02	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1	4 -3.3	26.06	-6.7	19.94	24.02	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1	5 -3.3	26.06	-6.7	19.94	24.02	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1	6 -3.3	26.06	-7.2	19.04	23.72	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1	7 -3.3	26.06	-7.2	19.04	23.72	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1	8 -3.9	24.98	-6.7	19.94	23.3	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1	9 -3.9	24.98	-7.2	19.04	23	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1 1	0 -2.8	26.96	-6.7	19.94	24.62	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1 1	1 -2.8	26.96	-6.7	19.94	24.62	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1 1	2 -2.2	28.04	-6.7	19.94	25.34	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1 1	3 -1.1	30.02	-6.7	19.94	26.66	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1 1	4 -0.6	30.92	-7.2	19.04	26.96	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1 1	5 0	32	-7.8	17.96	27.32	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1 1	6 -0.6	30.92	-8.9	15.98	25.94	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1 1	7 -1.7	28.94	-8.3	17.06	24.98	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1 1	8 -1.7	28.94	-7.8	17.96	25.28	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1 1	9 -1.7	28.94	-7.8	17.96	25.28	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1 2	0 -2.8	26.96	-7.2	19.04	24.32	300	1130) 1	. 30	00 34	8 473.	1 0	821.	L 75%	6 0.2	226	595.1
1	1 2	1 -1.7	28.94	-7.2	19.04	25.64	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	1 2	2 -2.2	28.04	-7.2	19.04	25.04	300	1130) 1	. 30	00 34	8 473.	1 0	821.	L 75%	6 0.2	226	595.1
1	1 2	3 -2.8	26.96	-7.2	19.04	24.32	300	1130) 1	. 30	00 34	8 473.	1 0	821.	L 75%	6 0.2	226	595.1
1	1 2	4 -3.3	26.06	-6.7	19.94	24.02	300	1130) 1	. 30	00 34	8 473.	1 0	821.	L 75%	6 0.2	226	595.1
1	2	1 -3.9	24.98	-7.8	17.96	22.64	300	1130) 1	. 30	00 34	8 473.	1 0	821.	L 75%	6 0.2	226	595.1
1	2	2 -4.4	24.08	-7.8	17.96	22.04	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	2	3-5	23	-8.3	17.06	21.02	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	2	4 -5	23	-8.9	15.98	20.66	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	2	5 -5.6	21.92	-9.4	15.08	19.64	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	2	6 -6.1	21.02	-9.4	15.08	19.04	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	2	7 -6.7	19.94	-10	14	17.96	200	1130) 1	. 20	00 23	2 530.	1 0	762.3	L 75%	6 0.2	226	536.1
1	2	8 -6.7	19.94	-10	14	17.96	200	1130) 1	. 20	00 23	2 530.	1 0	762.:	L 75%	6 0.2	226	536.1
1	2	9 -7.2	19.04	-10	14	17.36	200	1130) 1	. 20	00 23	2 530.	1 0	762.:	L 75%	6 0.2	226	536.1
1	2 1	0 -6.7	19.94	-8.9	15.98	18.62	200	1130) 1	. 20	00 23	2 530.	1 0	762.:	L 75%	6 0.2	226	536.1
1	2 1	1 -4	24.8	-9	15.8	21.8	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	2 1	2 -3.3	26.06	-9.4	15.08	22.4	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	2 1	3 -2.8	26.96	-10	14	22.64	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	2 1	4 -2.2	28.04	-10	14	23.36	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	2 1	5 -1.7	28.94	-11.1	12.02	23.3	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	2 1	6 -1.7	28.94	-10.6	12.92	23.6	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	2 1	7 -1.7	28.94	-11.1	12.02	23.3	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	2 1	8 -3.9	24.98	-11.7	10.94	20.3	300	1130) 1	. 30	00 34	8 473.	1 0	821.3	L 75%	6 0.2	226	595.1
1	2 1	9 -7.2	19.04	-10.6	12.92	17	200	1130) 1	. 20	00 23	530.	1 0	762.3	L 75%	6 0.2	226	536.1
1	2 2	0 -8.3	17.06	-10.6	12.92	15.68	200	1130) 1	. 20	00 23	530.	1 0	762.3	L 75%	6 0.2	226	536.1
1	2 2	1 -9.4	15.08	-11.7	10.94	13.7	200	1130) 1	. 20	00 23	530.	1 0	762.3	L 75%	6 0.2	226	536.1
1	2 2	2 -10	14	-11.7	10.94	12.98	200	1130) 1	. 20	00 23	530.	1 0	762.3	L 75%	6 0.2	226	536.1
1	2 2	3 -11.7	10.94	-13.3	8.06	9.98	200	1130) 1	. 20	00 23	2 530.	1 0	762.:	L 75%	6 0.2	226	536.1
1	2 2	4 -11.7	10.94	-12.8	8.96	10.28	200	1130) 1	. 20	00 23	2 530.	1 0	762.:	L 75%	6 0.2	226	536.1
1	3	1 -12.2	10.04	-14.4	6.08	8.72	200	1130) 1	. 20	00 23	2 530.	1 0	762.3	L 75%	6 0.2	226	536.1

Ship To: MASON BUSINESS CENTER

8700 MASON MONTGOMERY RD MASON, OH 45040 US



ORIGINAL INVOICE

Direct Inquires To: Johnson Controls, Inc.

0N06 Cincinnati, OH Common Branch 7863 Palace Drive, Suite B Cincinnati, OH 45249

Federal ID#: 39-0380010

Phone: 513-605-6303 Fax: 513-605-6301

Mail Check To: Johnson Controls PO Box 905240 Charlotte, NC 28290-5240

Project Name / Project Site	/ Tax Loc	Purchase O	rder / Date / Authorized By	JCI Project / CO	JCI Project Manager				
P&G - MBC- Chiller Retro	- PH-1	G	BP-4501320690	5N060057	SCHMIDT, CHRISTOPHER T				
			04/29/15	000					
OH4504000		Jo	seph Bitzenhofer						
Period Covered		Application #	Invoice Number	Invoice Date	Terms				
06/01/15 - 06/30/15	5	1	00038145827A	06/10/15	NET 30				
Original Contract Amount:	\$435,230	0 The Project Manager named above submits this application							
Approved Change Orders:	\$0		with knowledge	e, information, and	belief that the work covered				
New Contract Amount:	\$435,230		by this applica	tion for payment ha	s been completed in accordance				
			with the Contra	act Documents, tha	t all amounts have been paid by the				
Work Completed To Date:	\$87,000		Contractor for	Work for which pre	vious applications for payment were				
Less Retention:	\$0		issued and for	which payments w	ere received from the Owner				
Total Less Retention:	\$87,000		and that curre	nt payment shown I	nerein is now due.				
Less Invoiced To Date:	\$0								
Total Amount Due This Invoice:	\$87,000								

	Work	Scheduled	Previous	Work In	Stored	Total Complete		Balance	0%
Item	Description	Value	Application	Place	Material	and Stored	Percent	To Finish	Retention
А	В	С	D	E	F	G (D+E+F)	H (G/C)	I (C-G)	J
	Item 00010								
1	Chiller Submittal	\$87,000	\$0	\$87,000	\$0	\$87,000	100%	\$0	\$0
	Item 00020								
2	001-YK MaxE Chiller - CH-7	\$348,230	\$0	\$0	\$0	\$0	0%	\$348,230	\$0
	Totals	\$435,230	\$0	\$87,000	\$0	\$87,000	20%	\$348,230	\$0

Bill To: PROCTER & GAMBLE ATTN ACCTS PAYABLE

PO BOX 5584 CINCINNATI, OH 45201 Ship To: Joe Long - JCI

Patriot Industrial Contracting 200 Olympic Dr. MILFORD, OH 45150 US



ORIGINAL INVOICE

Direct Inquires To: Johnson Controls, Inc.

7863 Palace Drive, Suite B Cincinnati, OH 45249 Cincinnati, OH 45249 Federal ID#: 39-0380010

Phone: 513-605-6303 Fax: 513-605-6301

Mail Check To: Johnson Controls PO Box 730068 Dallas, TX 75373

Project Name / Project Site	/ Tax Loc	Purchase Orc	der / Date / Authorized By	JCI Project / CO	JCI Project Manager				
P&G - MBC- Chiller Retro	- PH-1	GB	P-4501320690	5N060057	SCHMIDT, CHRISTOPHER T				
			04/29/15	000					
OH4515000		Jose	eph Bitzenhofer						
Period Covered		Application #	Invoice Number	Invoice Date	Terms				
01/01/16 - 01/31/16	3	3	CB10000821	01/08/16	NET 30				
Original Contract Amount:	\$454,239.71	The Project Manager named above submits this application							
Approved Change Orders:	\$0.00		with knowledge	e, information, and	belief that the work covered				
New Contract Amount:	\$454,239.71		by this applica	tion for payment ha	s been completed in accordance				
			with the Contra	act Documents, tha	t all amounts have been paid by the				
Work Completed To Date:	\$454,239.71		Contractor for	Work for which pre	vious applications for payment were				
Less Retention:	\$0.00		issued and for	which payments w	ere received from the Owner				
Total Less Retention:	\$454,239.71		and that curre	nt payment shown h	nerein is now due.				
Less Invoiced To Date:	\$435,230.00								
Total Amount Due This Invoice:	\$19,009.71								

	Work	Scheduled	Previous	Work In	Stored	Total Complete		Balance	
Item	Description	Value	Application	Place	Material	and Stored	Percent	To Finish	Retention
А	В	С	D	E	F	G (D+E+F)	H (G/C)	I (C-G)	J
	Item 00010								
1	Chiller Submittal	\$87,000.00	\$87,000.00	\$0.00	\$0.00	\$87,000.00	100%	\$0.00	\$0.00
	Item 00020								
2	001-YK MaxE Chiller - CH-7	\$348,230.00	\$348,230.00	\$0.00	\$0.00	\$348,230.00	100%	\$0.00	\$0.00
	Item 00030								
3	Chiller Testing	\$4,395.00	\$0.00	\$4,395.00	\$0.00	\$4,395.00	100%	\$0.00	\$0.00
	Item 00040								
4	Relief Valves	\$2,980.64	\$0.00	\$2,980.64	\$0.00	\$2,980.64	100%	\$0.00	\$0.00
	Item 00050								
5	VSD Coolant/Davit Arms	\$11,634.07	\$0.00	\$11,634.07	\$0.00	\$11,634.07	100%	\$0.00	\$0.00
	Totals	\$454,239.71	\$435,230.00	\$19,009.71	\$0.00	\$454,239.71	100%	\$0.00	\$0.00

Attn:

Bill To: The Procter & Gamble Company ACCOUNTS PAYABLE PO BOX 5584 CINCINNATI, OH 45201



customprocessing@duke-energy-energyefficiency.com

10/25/2016

John Reese PROCTER & GAMBLE PO# G4P-4502934351 - 6930212101 8340 S MASON MONTGOMERY RD MASON OH 45040-4025

Subject: Your Application for a Duke Energy Mercantile Self-Direct Rebate CMO16-0000094395

Dear John Reese,

Thank you for your Duke Energy Mercantile Self Direct rebate application. As noted in the Energy Conservation Measure (ECM) chart on page 2, a total rebate of \$110,414.00 has been proposed for your project completed in the 2015 calendar years. All Self Direct Rebates are contingent upon approval by the Public Utilities Commission of Ohio (PUCO).

At your earliest convenience, please indicate if you accept this rebate by:

- providing your signature on Page 2
- completing the PUCO-required affidavit on Page 3

Please return the documents to my attention via fax at 513.629.5572 or email to customprocessing@duke-energy-energyefficiency.com. Upon receipt, Duke Energy will submit the necessary documentation to PUCO. Following PUCO's approval, Duke Energy will remit payment.

We value your business and look forward to working with you on this and future energy efficiency projects. We hope you will consider our Smart \$aver® incentives, when applicable. Please contact me if you have any questions.

Sincerely,

Andrew Taylor Program Manager Custom Incentives

cc: Mike Harp Paul Erlich



PROCTER & GAMBLE PO# G4P-4502934351 - 6930212101 - CMO16-0000094395 Custom Incentive Offer Letter 10/25/2016 Page 2

Please indicate your response to this rebate offer within 30 days of receipt.

Rebate is accepted.

Rebate is declined.

By accepting this rebate, PROCTER & GAMBLE PO# G4P-4502934351 - 6930212101 affirms its intention to commit and integrate the energy efficiency projects listed on the following pages into Duke Energy's peak demand reduction, demand response and/or energy efficiency programs.

Additionally, PROCTER & GAMBLE PO# G4P-4502934351 - 6930212101 also agrees to serve as joint applicant in any future filings necessary to secure approval of this arrangement as required by PUCO and to comply with any information and reporting requirements imposed by rule or as part of that approval.

Finally, PROCTER & GAMBLE PO# G4P-4502934351 - 6930212101 affirms that all application information submitted to Duke Energy pursuant to this rebate offer is true and accurate. Information in question would include, but not be limited to, project scope, equipment specifications, equipment operational details, project costs, project completion dates, and the quantity of energy conservation measures installed.

If rebate is accepte	ed, will you use	e the monies t	o fund future	energy efficiency	and/or demand	reduction
projects? 🗆 Yes	🗆 No					

Customer Signature

Printed Name

Date



PROCTER & GAMBLE PO# G4P-4502934351 - 6930212101 - CMO16-0000094395 Custom Incentive Offer Letter 10/25/2016 Page 3

Proposed Rebate Amounts

Measure ID	Energy Conservation Measure	Proposed Rebate Amount
ECM-1	High Efficiency 1500 Ton Chiller & MBC Expansion	\$110,414.00 per project X 1
	Total	\$110,414.00



Application to Commit

Energy Efficiency/Peak Demand Reduction Programs

Case No.: ____-EL-EEC

State of _____:

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

1. I am the duly authorized representative of:

[INSERT CUSTOMER OR EDU COMPANY NAME AND ANY APPLICABLE NAME(S) DOING BUSINESS AS]

2. I have personally examined all the information contained in the foregoing application, including any exhibits and attachments. Based upon my examination and inquiry of those persons immediately responsible for obtaining the information contained in the application, I believe that the information is true, accurate and complete.

3. I am aware offines and penalties which may be imposed under Ohio Revised Code Sections 2921.11, 2921.31, 4903.02, 4903.03, and 4903.99 for submitting false information.

SIGNATURE OF AFFIANT & TITLE Sworn and subscribed before me this $____$ day of $_____$ YEAR PRINT NAME AND TITLE SIGNATURE OF OFFICIAL ADMINISTERING OATH My commission expires on $___{DATE}$