



Case No.: 12-2443-EL-EEC

Mercantile Customer: **JM Smucker**

Electric Utility: **Duke Energy**

Program Title or
Description: **Chiller tune-ups**

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

Completed applications requesting the cash rebate reasonable arrangement option (Option 1) in lieu of an exemption from the electric utility's energy efficiency and demand reduction (EEDR) rider will be automatically approved on the sixty-first calendar day after filing, unless the Commission, or an attorney examiner, suspends or denies the application prior to that time. Completed applications requesting the exemption from the EEDR rider (Option 2) will also qualify for the 60-day automatic approval so long as the exemption period does not exceed 24 months. Rider exemptions for periods of more than 24 months will be reviewed by the Commission Staff and are only approved up the issuance of a Commission order.

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

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

Section 1: Mercantile Customer Information

Name: **J M Smucker**

Principal address: **5204 Spring Grove Rd**

Address of facility for which this energy efficiency program applies:

9363 Centre Point Drive West Chester, Ohio 45069

Name and telephone number for responses to questions:

Grady Reid Jr, 513-287-1038

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. (See Attachment 1 - Appendix 1.)**

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)).
- Installation of new equipment to replace equipment that needed to be replaced. The customer installed new equipment on the following date(s):
- Installation of new equipment for new construction or facility expansion. The customer installed new equipment on the following date(s):
_____.

Behavioral or operational improvement.

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

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

Annual savings: _____kWh

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

Annual savings: _____kWh

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

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

Annual savings: _____kWh

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

- 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. **Chiller tune-ups - preventative maintenance performed resulting in energy saving.**
-

Section 4: Demand Reduction/Demand Response Programs

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

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

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

May 2009, May 2010 and May 2011

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

25.2 KW (See Attachment 1 - Appendix 2)

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 \$2520.00 (See Attachment 1 - Appendix 3).

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 2.21 (See Attachment 1 - Appendix 4)**

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 **\$8,820 (See Attachment 1 - Appendix 5)**.

The utility's program costs were **\$1,537(See Attachment 1 - Appendix 6)**.

The utility's incentive costs/rebate costs were **\$2,520 (See Attachment 1 - Appendix 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.

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.



DUKE ENERGY CORPORATION
Mercantile Self Direct Program
139 East Fourth Street
Cincinnati, OH 45202
513 629 5572 fax

August 22, 2012

Mr. Bill West
J M Smucker
5204 Spring Grove Avenue
Cincinnati, Ohio 45217

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

Dear Name:

Thank you for your Duke Energy Mercantile Self Direct rebate application. As noted in the Energy Conservation Measure (ECM) chart on page two, a total rebate of \$2520.00 has been proposed for your chiller tune-up projects completed in the 2009 - 2011 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 two
- completing the PUCO-required affidavit on page three.

Please return the documents to my attention via fax at 513-629-5572 or e-mail to SelfDirect@Duke-Energy.com. Upon receipt, Duke Energy will submit the necessary documentation to PUCO. Following PUCO's approval, Duke Energy will remit payment.

At Duke Energy, 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,

A handwritten signature in black ink that reads 'Grady Reid, Jr.'.

Grady Reid, Jr
Product Manager
Mercantile Self Direct Rebates

cc: Bob Bandenburg, Duke Energy
Rob Jung, WECC
Don Miller, Johnson Controls

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

Rebate is accepted. Rebate is declined.

By accepting this rebate, J M Smucker 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, J M Smucker 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, J M Smucker 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 NO

If rebate is declined, please indicate reason (optional):

J.M. Smucker LLC



Customer Signature

Paul Smucker Wagstaff
Vice President

Printed Name

August 29, 2012

Date

Proposed Rebate Amounts

ECM-1	Water Cooled Chiller Tune-ups - 2009, 2010, 2011 (Quantity - 3)	\$2520.00
Total		\$2520.00

Ohio | Public Utilities Commission

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

Case No.: _____ - _____ -EL-EEC

State of Ohio _____ :

Paul Smucker Wagstaff, Affiant, being duly sworn according to law, deposes and says that:

1. I am the duly authorized representative of:

J.M. Smucker LLC

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

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


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

Paul Smucker Wagstaff
Signature of Affiant & Title
Paul Smucker Wagstaff, Vice President

Sworn and subscribed before me this 29th day of August,
2012 Month/Year

Cheryl L. Hostetler
Signature of official administering oath

Cheryl L. Hostetler, Senior Paralegal - Contracts Administrator
Print Name and Title

 Cheryl L. Hostetler
Resident Wayne County
Notary Public, State of Ohio
My Commission Expires July 1, 2013

Attachment 1 – J M Smucker

Appendix 1 – Electric History

56202085 03		
JM SMUCKERS LLC		
5204 SPRING GROVE		
CINCINNATI, OH 45217		
Date	Days	Actual KWH
8/3/2012	29	2,358,386
7/5/2012	30	2,443,377
6/5/2012	32	1,962,620
5/4/2012	30	2,253,709
4/4/2012	29	2,063,857
3/6/2012	29	1,999,990
2/6/2012	31	2,052,446
1/6/2012	31	2,184,881
12/6/2011	33	2,794,284
11/3/2011	29	2,695,620
10/5/2011	29	2,877,260
9/6/2011	32	3,140,774
Total		28,827,204

Appendix 2 – Annual kWh losses and annual KW losses

Measure	Annual kWh Gross with losses	Upload Amount	TOTAL Annual kWh losses	KW Per Measure	Total KW Savings
Water Cooled Chiller Tune Up	64.46	1260	81220	0.02	25.2

Appendix 3 – Cash Rebate

Measure	Amount
Water Cooled Chiller Tune Up	\$2,520

Appendix 4 – Utility Cost Test

Measure	UCT
Water Cooled Chiller Tune Up	2.21

Appendix 5 – Avoided Supply Costs

Measure	T&D	Production	Capacity	Quantity	Total Avoided Costs
Water Cooled Chiller Tune Up	\$1	\$4	\$2	1260	\$8,820

Appendix 6 – Utility Program Costs

Measure	Qty	Admin Costs	Total Costs
Water Cooled Chiller Tune Up	1260	\$1.22	\$1,537

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 completed Mercantile Self Direct Prescriptive or Custom applications, proof of payment, energy savings calculations and spec sheets to SelfDirect@Duke-Energy.com. You may also fax to 1-513-629-5572.

Mercantile customers, defined as using at least 700,000 kWh annually are eligible for the Mercantile Self Direct program. Please indicate mercantile qualification:

- a single Duke Energy Ohio account
 multiple accounts in Ohio (energy usage with other utilities may be counted toward the total)

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
5620-2085-03-8	29,355,697		
5360-3656-01-2	2,493,184		

Self Direct rebates are available for completed Custom projects that have not previously received a Duke Energy Smart \$aver® Custom Incentive. Self Direct incentives 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 requirements dictate that certain projects that may be Prescriptive in nature under the Smart \$aver program must be evaluated using the Custom process. Use the table on page two as a guide to determine which Self Direct program fits your project(s). Apply for Self Direct projects using the appropriate application forms in conjunction with this cover sheet. Where Mercantile Self Direct Prescriptive applications are listed, please refer to the measure list on that application. If your measure is not listed, you may be eligible for a Self Direct Custom rebate. Self Direct Custom applications, like Smart \$aver Custom applications, should include detailed analysis of pre-project and post-project energy usage and project costs. Please indicate which type of rebate applications are included in the table provided on page two.

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

<input checked="" type="checkbox"/> All sections of appropriate application(s) are completed	<input checked="" type="checkbox"/> Proof of payment.*	<input checked="" type="checkbox"/> Manufacturer's Spec sheets	<input checked="" type="checkbox"/> Energy model/calculations and detailed inputs for Custom applications
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* 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.



MERCANTILE SELF DIRECT Ohio Chiller Tune-up Service Application

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

Email the complete, signed application with all required documents to SelfDirect@duke-energy.com or fax to 613-629-6572.

Is this application: NEW (original) or REVISED (changes made to original application)

Building type - Required (check one)		
<input type="checkbox"/> Data Centers	<input type="checkbox"/> Full Service Restaurant	<input type="checkbox"/> Office
<input type="checkbox"/> Education/K-12	<input type="checkbox"/> Healthcare	<input type="checkbox"/> Public Assembly
<input type="checkbox"/> Education Other	<input checked="" type="checkbox"/> Industrial	<input type="checkbox"/> Public Order/Safety
<input type="checkbox"/> Elder Care/Nursing Home	<input type="checkbox"/> Lodging	<input type="checkbox"/> Religious Worship/Church
<input type="checkbox"/> Food Sales/Grocery	<input type="checkbox"/> Retail (Small Box)	<input type="checkbox"/> Service
<input type="checkbox"/> Fast Food Restaurant	<input type="checkbox"/> Retail (Big Box)	<input type="checkbox"/> Warehouse
<input type="checkbox"/> Other:		
How did you hear about the program? (check one)		
<input checked="" type="checkbox"/> Duke Energy Representative	<input type="checkbox"/> Web Site	<input type="checkbox"/> Radio
<input type="checkbox"/> Contractor / Vendor	<input type="checkbox"/> Other _____	

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

<input checked="" type="checkbox"/> All sections of application	<input type="checkbox"/> Invoice with make, model number, quantity and equipment manufacturer	<input type="checkbox"/> Tax ID number for payee	<input type="checkbox"/> Customer/vendor agree to Terms and Conditions
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Customer Information					
Customer/Business	J M Smucker Co.	Contact	Bill West		
Phone	513-482-8070	Account Number	56202086-03-8		
Street Address (Where incentive should be mailed)		5204 Spring Grove Ave			
City	Cincinnati	State	Ohio	Zip Code	45217
Installation Street Address	5204 Spring Grove Ave				
City	Cincinnati	State	Ohio	Zip Code	45217
E-mail Address	bill.west@jmsmucker.com				

*Failure to provide the account number associated with the location where the installation took place will result in rejection of the application.

Vendor Information					
Vendor	Johnson Controls	Contact	Don Miller		
Phone	513-605-6049	Fax			
Street Address		7863 Palace Dr. Suite A			
City	Cincinnati	State	Ohio	Zip Code	45249
E-mail Address					

If Duke Energy has questions about this application, who should we contact? Customer Vendor

Payment Information		
Who should receive incentive payment?	<input checked="" type="checkbox"/> Customer	<input type="checkbox"/> Vendor (Customer must sign below)
I hereby authorize payment of incentive directly to the vendor:	Customer Signature (written signature)	
	Date	
Provide Tax ID Number for Payee	Customer Tax ID #	
	Vendor Tax ID #	

Terms and Conditions			
I have read and hereby agree to the Terms & Conditions and Program Requirements.			
Customer Signature	<i>Bill West</i>	Vendor Signature	<i>Don Miller</i>
Date	8/13/12	Date	8/15/12
Title	Utilities Cost Savings Leader	Title	Service Operations Agent

Incentives are subject to change and may be discontinued at the sole discretion of Duke Energy. Equipment must be installed and operable to be eligible for incentives. As Federal Energy Policy Law changes, equipment efficiency requirements are subject to change.

Air Cooled and Water Cooled Chiller Tune-ups						
Manufacturer and Model #	# of Units	Tons Per unit*	Total Project Cost	Current Service Date	Previous Service Date	Total Incentive
York 426A4 SN HM000223	1	420	17399	5/23/2011	5/17/2010	\$1,680.00
York 426A4 SN HM000223	1	420	\$14,081.06	5/17/2010	5/4/2009	\$1,680.00
York 426A4 SN HM000223	1	420	\$21,252.61	5/4/2009	5/23/2008	\$1,680.00

*Provide manufacturer's spec sheet documenting the size of the unit

To Calculate your tune-up incentive*:	
A. Add up equipment capacity of all units serviced (in tons) and multiply by \$2/ton =	
B. Cost of service = x 50% of total service cost =	
Total Incentive (lesser amount of row A or row B)=	
*Incentives cannot exceed 50% of total service invoice (external labor and equipment).	

Service Requirements:

- This incentive is available only once per unit in a 12 month period.**
- An individual chiller is considered one unit.
- Copy of paid invoice must be included with this application
- Self serviced (internal) labor should not be included as part of the total service cost. Only external labor will be considered as part of the total service invoice.
- Cooling service must include the following normal maintenance items **(please check if completed):**

<input type="checkbox"/> Air cooled condenser coil cleaning	<input checked="" type="checkbox"/> Compressor amp draw	<input checked="" type="checkbox"/> Low Pressure controls
<input checked="" type="checkbox"/> System Pressure check and adjust	<input checked="" type="checkbox"/> Supply motor amp draw	<input checked="" type="checkbox"/> High Pressure controls
<input checked="" type="checkbox"/> Filter inspect or replace	<input type="checkbox"/> Condenser fan(s) amp draw	<input checked="" type="checkbox"/> Crankcase heater operation
<input type="checkbox"/> Belt inspect or replace	<input checked="" type="checkbox"/> Liquid line temperature	<input checked="" type="checkbox"/> Water cooled chiller condenser tube cleaning
<input checked="" type="checkbox"/> Contactors condition	<input checked="" type="checkbox"/> Suction pressure & temperature	<input checked="" type="checkbox"/> Water cooled chiller evaporator tube cleaning
<input checked="" type="checkbox"/> Evaporator condition	<input checked="" type="checkbox"/> Oil level & pressure	

Incentive Eligibility

- Incentives are only available to customers on Duke Energy Ohio non-residential rate.
- Duke Energy Customers who purchase electric generation from an alternative supplier are eligible to participate.
- Incentive will not be paid until eligible equipment has been installed, is available to operate, and verification has been completed by Duke Energy staff as noted in the Term & Conditions stated below.
- Duke Energy reserves the right to revise incentive levels and/or qualifying efficiency levels at anytime.
- Customer may assign the incentive to the vendor who installed/supplied the equipment. The customer's signature is required in the appropriate places on this form to assign the incentive to the vendor. Customer agrees that such an action constitutes an irrevocable assignment of the incentive. This assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount.
- Any equipment which, either separately or as part of a project, has or will receive an incentive from any other Duke Energy program
- In no case will Duke Energy pay an incentive above the actual cost of the service.
- Incentive recipient assumes all responsibilities for any tax consequences resulting from Duke Energy incentive payment.
- To qualify for Duke Energy incentives, applicants who provide their social security number as their federal tax identification number for tax purposes must sign and return the "Customer consent to release personal information" form ("Consent Form") along with the application. Incentive applications are processed by a 3rd party vendor. The 3rd party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the 3rd party vendor have signed a confidentiality agreement to protect your personal information. If your social security number is your federal tax ID number and you elect not to sign the Consent Form, please do not send Duke Energy the application, as you will not be qualified to participate in the incentive program.

Terms and Conditions

I certify that this premise is served by Duke Energy (or an affiliate of Duke Energy), that the information provided herein is accurate and complete, and that I have purchased and installed the high efficiency equipment (indicated herein) for the business facility listed herein and not for resale. Attached is an itemized invoice for the indicated installed equipment. I understand that the proposed incentive payment from Duke Energy is subject to change based on verification and Duke Energy approval. I agree to Duke Energy verification of both the sales transaction and equipment installation which may include a site inspection from a Duke Energy representative or Duke Energy agent. I understand that I am not allowed to receive more than one incentive from Duke Energy on any piece of equipment. I also understand that my participation in the program may be taxable and that my company is solely responsible for paying all such taxes. I hereby agree to indemnify, hold harmless and release Duke Energy and its affiliates from any actions or claims in regards to the installation, operation and disposal of equipment (and related materials) covered herein including liability from an incidental or consequential damages. Duke Energy does not endorse any particular manufacturer, product or system design within these programs; does not expressly or implicitly warrant the performance of installed equipment (Contact your contractor for details regarding equipment warranties), and is not liable for any damage caused by the installation of the equipment or for any damage cause by the malfunction of the installed equipment.

Incentive Application Instructions

IMPORTANT NOTICE

Delays in processing incentive payments will occur if required documentation is not included with completed application(s).

1. Contact Duke Energy toll free at 866-380-9580 to confirm customer eligibility. Applications are available for download at www.duke-energy.com.
2. Review program and equipment requirements on the incentive application. (Page7)
3. Purchase and install eligible energy-efficient equipment.
4. Complete and submit application for equipment that was installed after 1/1/2008.
5. **The following items must be included to verify projects. If they are not included, it will delay payment of incentive.**
 - A. Itemized invoice for all equipment installed to include:
 - a. Equipment cost
 - b. Quantity per equipment type installed
 - c. Model # for each equipment type
 - d. Manufacturer's data sheet for each equipment model #.
 - B. **Make sure the account number provided on the cover page (customer information section) is associated with the location where the equipment was installed. If the account # does not match the address where the equipment was installed, the application will be rejected as ineligible.**
 - C. Provide required tax ID# for payee.
 - D. Customer must sign and date the application after reviewing the Terms and Conditions. If customer wishes to **assign payment of the incentive directly to the vendor**, the customer should circle the appropriate payee in the Payment Information section of the application and sign their name to authorize payment.
6. Duke Energy may require site verification of projects that have been self-installed, prior to payment of incentive.
8. Email the complete, signed application with all required documents to SelfDirect@duke-energy.com or fax to 513-629-5572.
8. A percentage of equipment installations will be site verified for quality assurance purposes. Once selected, a Duke Energy representative will contact the customer to arrange for the inspection. All incentive payments related to the project will be withheld until site verification is complete. There is no charge to the customer for these inspections.

SUMMARY OF EXPECTED COMPRESSOR DESIGN OPERATING CONDITIONS

Refrigerant	R-22
Suction Flow	1039 lb/min.
Suction Pressure	7.6 psig
Suction Temperature	-22°F
Discharge Pressure (Flange)	204.79 psig
Speed	8900 RPM
SHP (Excluding Gear Loss)	979 HP
Supply Oil Temperature	125°F (120 - 140°F)
Thrust Bearing Discharge Oil Temperature	141°F (185°F max)
Sump Oil Temperature	150°F
Balance Piston Pressure	34 psig
Bearing Supply Pressure	107 psig (94 psig min)
Sump Pressure	32 psig
Thrust Bearing Oil Discharge Pressure	146 psig (94 psig min.)
Compressor Oil Type	York "F"
Approximate Oil Charge	15 Gal.

SUMMARY OF EXPECTED SYSTEM DESIGN OPERATING CONDITIONS

Refrigerant	R-22
System Design Tonnage	420
Condenser Temperature	103°F
Cooler Temperature	-22°F

Summary of Approximate Refrigerant Charge:

Evaporator	5317 lbs.
Intercooler	316 lbs.
Condenser Liquid Line	60 lbs.
Condenser	454 lbs.
Misc. Piping	200 lbs.
<hr/>	
Total	6347 lbs.

SUMMARY OF OIL REQUIREMENTS

Component	Amount of Oil (Gal.)	Oil Type
Compressor 426A	15	York "F"
Gear	25	AGMA #2 (284 - 347 SSU @ 100°F)
Transfer Unit Compressor Model FS32	1	York "F"



Johnson Controls, Inc.
 Building Efficiency
 Federal ID 39-0380010

ORIGINAL INVOICE

Invoice #: 1-2987178245 Invoice Date: 05/23/2011
 PO #/Auth: 119069 Service Request: 1-2898403301
 Customer WO#: SR Type: L&M
 Customer Acct: 1060744 Branch Name: Cincinnati Service - 0364

Bill To:
 JM SMUCKER CO
 STRAWBERRY LANE
 ORRVILLE OH 44667

Service Site:
 THE J M SMUCKER COMPANY
 5204 SPRING GROVE AVE ,
 CINCINNATI OH 45217-1031

Requested By: BILL WEST
Phone: 5134828070

Invoice Comments: Performed Annual Maintenance on OM Chiller Thank you for your business.

Qty	Description	UOM	Unit Price	Sub Total	Tax	Net Price
Labor						
3	05/23/2011 Regular Chiller Heavy	Hour	\$117.00	\$351.00	\$0.00	\$351.00
8	05/20/2011 Regular Helper	Hour	\$58.50	\$468.00	\$0.00	\$468.00
16	05/20/2011 Regular Chiller Heavy	Hour	\$117.00	\$1,872.00	\$0.00	\$1,872.00
8	05/19/2011 Regular Mechanical Light	Hour	\$58.50	\$468.00	\$0.00	\$468.00
8	05/19/2011 Regular Helper	Hour	\$58.50	\$468.00	\$0.00	\$468.00
16	05/19/2011 Regular Chiller Heavy	Hour	\$117.00	\$1,872.00	\$0.00	\$1,872.00
8	05/18/2011 Regular Mechanical Light	Hour	\$58.50	\$468.00	\$0.00	\$468.00
8	05/18/2011 Regular Helper	Hour	\$58.50	\$468.00	\$0.00	\$468.00
21.5	05/18/2011 Regular Chiller Heavy	Hour	\$117.00	\$2,515.50	\$0.00	\$2,515.50
8	05/17/2011 Regular Mechanical Light	Hour	\$58.50	\$468.00	\$0.00	\$468.00
8	05/17/2011 Regular Helper	Hour	\$58.50	\$468.00	\$0.00	\$468.00
16	05/17/2011 Regular Chiller Heavy	Hour	\$117.00	\$1,872.00	\$0.00	\$1,872.00
8	05/16/2011 Regular Mechanical Light	Hour	\$58.50	\$468.00	\$0.00	\$468.00
16	05/16/2011 Regular Chiller Heavy	Hour	\$117.00	\$1,872.00	\$0.00	\$1,872.00
Sub-Total				\$14,098.50	\$0.00	\$14,098.50
Materials						
1	Order Item	Each	\$341.69	\$341.69	\$0.00	\$341.69
4	Sporlan Activated Drier	Each	\$165.77	\$663.07	\$0.00	\$663.07
1	Solon Switch	EA	\$436.39	\$436.39	\$0.00	\$436.39
Sub-Total				\$1,441.15	\$0.00	\$1,441.15
Fees						
1	Disposal, Environmental & Usage Charge	Each	\$40.00	\$40.00	\$0.00	\$40.00
Sub-Total				\$40.00	\$0.00	\$40.00
Mileage						
75	Mileage	Each	\$1.75	\$131.25	\$0.00	\$131.25
75	Mileage	Each	\$1.75	\$131.25	\$0.00	\$131.25
63	Mileage	Each	\$1.75	\$110.25	\$0.00	\$110.25
45	Mileage	Each	\$1.75	\$78.75	\$0.00	\$78.75
40	Mileage	Each	\$1.75	\$70.00	\$0.00	\$70.00
40	Mileage	Each	\$1.75	\$70.00	\$0.00	\$70.00
0	Mileage	Each	\$0.00	\$0.00	\$0.00	\$0.00
45	Mileage	Each	\$1.75	\$78.75	\$0.00	\$78.75
75	Mileage	Each	\$1.75	\$131.25	\$0.00	\$131.25



Johnson Controls, Inc.
 Building Efficiency
 Federal ID 39-0380010

ORIGINAL INVOICE

Invoice #: 1-2987178245 **Invoice Date:** 05/23/2011
PO #/Auth: 119069 **Service Request:** 1-2898403301
Customer WO#: **SR Type:** L&M
Customer Acct: 1060744 **Branch Name:** Cincinnati Service - 0364

63	Mileage	Each	\$1.75	\$110.25	\$0.00	\$110.25
45	Mileage	Each	\$1.75	\$78.75	\$0.00	\$78.75
40	Mileage	Each	\$1.75	\$70.00	\$0.00	\$70.00
75	Mileage	Each	\$1.75	\$131.25	\$0.00	\$131.25
63	Mileage	Each	\$1.75	\$110.25	\$0.00	\$110.25
45	Mileage	Each	\$1.75	\$78.75	\$0.00	\$78.75
57	Mileage	Each	\$1.75	\$99.75	\$0.00	\$99.75
40	Mileage	Each	\$1.75	\$70.00	\$0.00	\$70.00
40	Mileage	Each	\$1.75	\$70.00	\$0.00	\$70.00
45	Mileage	Each	\$1.75	\$78.75	\$0.00	\$78.75
30	Mileage	Each	\$1.75	\$52.50	\$0.00	\$52.50
39	Mileage	Each	\$1.75	\$68.25	\$0.00	\$68.25
Sub-Total				\$1,820.00	\$0.00	\$1,820.00
Invoice Sub-Total						\$17,399.65
Taxes						\$0.00
Total Due						\$17,399.65

Direct Billing Inquiries: (866) 236-1941

Terms: If any invoice is not paid in full upon receipt, the Customer hereby agrees to pay interest at a rate of 1.5% per month (18% annually) upon the unpaid portion of the invoice. If action or suit is brought by Johnson Controls, Inc. to collect any amount due or owing under this bill, Customer agrees to pay all costs of collection including attorney's fees.

Disposable, Environmental & Usage (DEU) fee listed on this invoice may include charges for one or more of the following miscellaneous: Electrical, pneumatic, welding supplies, hardware materials, cleaning supplies, or refrigerant reclaim disposal. A lump sum charge was applied rather than itemizing usage.

We hereby certify that these goods are produced in compliance with all applicable requirements of sections 6, 7 and 12 of the Fair Labor Standards Act of 1938, as amended, and of regulations and orders of the Administrator of the Wage and Hour Division issued under section 14 thereof.

Please reference our Invoice Number and amount with your payment and send ONLY to the address on this invoice.

Payment Terms: Due Upon Receipt Of Invoice
Direct Billing Inquiries
To Service Department: (866) 236-1941

To Remit Via Credit Card:
 Call the phone number listed above.
INVOICE#: 1-2987178245

AMOUNT DUE: \$17,399.65

Remit Payment To:
 JOHNSON CONTROLS
 PO BOX 905240
 CHARLOTTE, NC, 28290-5240

To Remit Via ACH Wire Transfers:
 JP Morgan Chase
 One Chase Manhattan Plaza
 New York, NY 10005
 Credit to: Johnson Controls Inc.
 ABA# 071-000013 Depositor Acct #55-14347
 Type of Account: Checking



Johnson Controls, Inc.
Building Efficiency
Federal ID 39-0380010

ORIGINAL INVOICE

Invoice #: 1-892879750
PO #/Auth: 80836
 ENTL:03647187-23777

Invoice Date: 05/24/2010
Service Request: 1-835950740

Customer WO#:
Customer Acct: 1060744

SR Type: L&M
Branch Name: Cincinnati Service - 0364

Bill To:
 JM SMUCKER CO
 STRAWBERRY LANE
 ORRVILLE OH 44667

Service Site:
 THE J M SMUCKER COMPANY
 5204 SPRING GROVE AVE ,
 CINCINNATI OH 45217-1031

Requested By: BILL WEST
Phone: 5134828070

Invoice Comments: Performed Annual Maintenance on OM Chiller. Thank you for your business.

Qty	Description	Unit Price	Sub Total	Tax	Net Price
	Labor				
22	05/21/2010 Regular Chiller Heavy	\$112.50	\$2,475.00	\$0.00	\$2,475.00
24	05/20/2010 Regular Chiller Heavy	\$112.50	\$2,700.00	\$0.00	\$2,700.00
8	05/19/2010 Regular Mechanical Light	\$65.00	\$520.00	\$0.00	\$520.00
24	05/19/2010 Regular Chiller Heavy	\$104.17	\$2,500.00	\$0.00	\$2,500.00
8	05/18/2010 Regular Mechanical Light	\$65.00	\$520.00	\$0.00	\$520.00
21.5	05/18/2010 Regular Chiller Heavy	\$117.15	\$2,518.75	\$0.00	\$2,518.75
8	05/17/2010 Regular Mechanical Light	\$65.00	\$520.00	\$0.00	\$520.00
17	05/17/2010 Regular Chiller Heavy	\$112.50	\$1,912.50	\$0.00	\$1,912.50
	Sub-Total		\$13,666.25	\$0.00	\$13,666.25
	Expenses				
1	Tools	\$24.81	\$24.81	\$0.00	\$24.81
1	Disposal, Enviromental & Usage Charge	\$40.00	\$40.00	\$0.00	\$40.00
200	Mileage Charge	\$1.75	\$350.00	\$0.00	\$350.00
	Sub-Total		\$414.81	\$0.00	\$414.81
Invoice Sub-Total					\$14,081.06
Taxes					\$0.00
Total Due					\$14,081.06

Direct Billing Inquiries: (866) 236-1941

Terms: If any invoice is not paid in full upon receipt, the Customer hereby agrees to pay interest at a rate of 1.5% per month (18% annually) upon the unpaid portion of the invoice. If action or suit is brought by Johnson Controls, Inc. to collect any amount due or owing under this bill, Customer agrees to pay all costs of collection including attorney's fees.



Johnson Controls, Inc.
Building Efficiency
Federal ID 39-0380010

ORIGINAL INVOICE

Invoice #: 1-892879750 Invoice Date: 05/24/2010
PO #/Auth: 80836 Service Request: 1-835950740
ENTL:03647187-
23777
Customer WO#: SR Type: L&M
Customer Acct: 1060744 Branch Name: Cincinnati Service - 0364

Disposable, Environmental & Usage (DEU) fee listed on this invoice may include charges for one or more of the following miscellaneous: Electrical, pneumatic, welding supplies, hardware materials, cleaning supplies, or refrigerant reclaim disposal. A lump sum charge was applied rather than itemizing usage.

We hereby certify that these goods are produced in compliance with all applicable requirements of sections 6, 7 and 12 of the Fair Labor Standards Act of 1938, as amended, and of regulations and orders of the Administrator of the Wage and Hour Division issued under section 14 thereof.

Please reference our Invoice Number and amount with your payment and send **ONLY** to the address on this invoice.

Payment Terms: Due Upon Receipt Of Invoice
Direct Billing Inquiries
To Service Department: (866) 236-1941

To Remit Via Credit Card:
Call the phone number listed above.
INVOICE#: 1-892879750

AMOUNT DUE: \$14,081.06

Remit Payment To:
JOHNSON CONTROLS
PO BOX 905240
CHARLOTTE, NC, 28290-5240

To Remit Via ACH Wire Transfers:
JP Morgan Chase
One Chase Manhattan Plaza
New York, NY 10005
Credit to: Johnson Controls Inc.
ABA# 071-000013 Depositor Acct #55-14347
Type of Account: Checking



Building Efficiency
Federal ID 39-0380010

ORIGINAL INVOICE

Invoice: 0905150936
PO #/Auth: 37122
Customer: 1060744

Invoice Date: 05-15-2009
Service Order: 364-1016612
Order Type: Service Order

Bill To:
DAVE BAYUS
JM SMUCKER CO
STRAWBERRY LANE
ORRVILLE OH 44667

Work Site:
SMUCKERS
5204 SPRING GROVE AVE
SAINT BERNARD OH 45217

Requested By: WEST BILL
Phone: 5134828070

Invoice Comments: THANK YOU FOR YOUR BUSINESS. PERFORMED SEASONAL INSPECTION ON OM CHILLER.

Qty	Description	Unit Price	Sub Total	Tax \$	Net Price
Services					
6	Labor, Mechanical, Chiller - Overtime 1	\$166.05	\$996.30	\$0.00	\$996.30
59	Labor, Mechanical, Chiller - Regular	\$110.70	\$6,531.30	\$0.00	\$6,531.30
64.5	Labor, Mechanical, Chiller - Regular	\$110.70	\$7,140.15	\$0.00	\$7,140.15
3	Labor, Mechanical, Chiller - Overtime 1	\$166.05	\$498.15	\$0.00	\$498.15
2	Labor-Mechanical, Helper - Overtime 1	\$85.05	\$170.10	\$0.00	\$170.10
1	Labor-Mechanical, Helper - Overtime 1	\$85.05	\$85.05	\$0.00	\$85.05
18	Labor-Mechanical, Helper - Regular	\$56.70	\$1,020.60	\$0.00	\$1,020.60
25	Labor-Mechanical, Helper - Regular	\$56.70	\$1,417.50	\$0.00	\$1,417.50
Sub-Total			\$17,859.15	\$0.00	\$17,859.15
Materials					
2	026 11225 000, CTG, FLT 15 MICRON	\$26.85	\$53.70	\$0.00	\$53.70
3	028 08681 000, SEAL O RING 2-1/8 IDX1/8	\$5.27	\$15.81	\$0.00	\$15.81
1	029 13766 006, RING SEAL SHAFT 1-1/2 CPL	\$391.56	\$391.56	\$0.00	\$391.56
16	029 13770 003, SPRING HELICAL ASC	\$13.67	\$218.72	\$0.00	\$218.72
1	064 30526 000, COLLAR2-7/8 OD X 1-3/16	\$1,025.22	\$1,025.22	\$0.00	\$1,025.22
8	AL-H100 F, AL-H100 FILTER	\$147.63	\$1,181.04	\$0.00	\$1,181.04
2	FLARE DRI, FLARE DRIER 1/4	\$75.53	\$151.06	\$0.00	\$151.06
10	LITHIUM G, LITHIUM GREASE	\$21.67	\$216.70	\$0.00	\$216.70
1	PARADENE OIL, PARADENE OIL	\$139.65	\$139.65	\$0.00	\$139.65
Sub-Total			\$3,393.46	\$0.00	\$3,393.46
Invoice Sub-Total					\$21,252.61
Taxes					\$0.00
Total Due					USD \$21,252.61



Building Efficiency
Federal ID 39-0380010

ORIGINAL INVOICE

Invoice: 0905150936
PO #/Auth: 37122
Customer: 1060744

Invoice Date: 05-15-2009
Service Order: 364-1016612
Order Type: Service Order

Preferred pricing has been applied: O-Industrial (Standard)

Direct Billing Inquiries: 8662361941

Payment Due Upon Receipt of Invoice

Terms: If any invoice is not paid in full within 30 days, the Customer hereby agrees to pay interest at a rate of 1.5% per month (18% annually) upon the unpaid portion of the invoice. If action or suit is brought by Johnson Controls, Inc. to collect any amount due or owing under this bill, Customer agrees to pay all costs of collection including attorney's fees.

Disposable, Environmental & Usage (DEU) fee listed on this invoice may include charges for one or more of the following miscellaneous: electrical, pneumatic, welding supplies, hardware materials, cleaning supplies, or refrigerant reclaim disposal. A lump sum charge was applied rather than itemizing usage.

We hereby certify that these goods are produced in compliance with all applicable requirements of sections 6, 7, and 12 of the Fair Labor Standards Act of 1938, as amended, and of regulations and orders of the Administrator of the Wage and Hour Division issued under section 14 thereof.

Please reference our Invoice Number and amount with your payment and send ONLY to the address on this invoice.

Payment Terms: DUE UPON RECEIPT

Direct Billing Inquiries

To Service Department: 8662361941

To Remit Via Credit Card:

Call the phone number listed above.

INVOICE #: 0905150936

AMOUNT DUE: \$21,252.61

Remit Payment To:

Johnson Controls, Inc.
P.O. Box 905240
Charlotte, NC, 28290

To Remit Via ACH Wire Transfers:

JPMorgan Chase Bank - One First National Plaza
Chicago, IL 60670
ABA #071-000013 Depositor Acct #55-14347
Type of Account: Checking