



Case No.: 12-2716 -EL-EEC

Mercantile Customer: Cincinnati Public Schools (AMIS)

Electric Utility: Duke Energy

**Program Title or
Description:** Lighting, Chiller and Motors (Prescriptive)

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: **Cincinnati Public Schools**

Principal address: **2651 Burnet Avenue Cincinnati, Ohio 45219**

Address of facility for which this energy efficiency program applies:

1908 Seymour Avenue Cincinnati Ohio 45237

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)**
- 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)).
- 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):**

August 2010
- 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: **92,498 kWh savings**
(Refer to See Attachment 1 - Appendix 2)

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.
-

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?

August 2010

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

24.5 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 **\$4,150.86**. (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 (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 **\$47,249 (See Attachment 1 - Appendix 5)**

The utility's program costs were **\$2,813(See Attachment 1 - Appendix 6)**

The utility's incentive costs/rebate costs were **\$4,150.86 (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 Rebate 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
Mercantile Self Direct Program
139 East Fourth Street
Cincinnati, OH 45202
513 629 5572 fax

October 1, 2012

Mr. Don Elbe
Cincinnati Public Schools - AMIS
2651 Burnet Avenue
Cincinnati, Ohio 45219

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

Dear Mr. Elbe:

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 \$4150.86 has been proposed for your chiller, motors and lighting projects completed in the August 2010 calendar year. **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 Saver® incentives, when applicable. Please contact me if you have any questions.

Sincerely,

Grady Reid, Jr
Product Manager
Mercantile Self Direct Rebates

cc: Mike Heath, Duke Energy
Rob Jung, WECC
Lucas Dixon, PlugSmart

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

Rebate is accepted. Rebate is declined.

By accepting this rebate, Cincinnati Public Schools 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, Cincinnati Public Schools 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, Cincinnati Public Schools 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):



Don Elbe

10-1-12

Customer Signature

Printed Name

Date

Proposed Rebate Amounts

Measure ID	Energy Conservation Measure (ECM)	Proposed Rebate Amount
ECM-1	Air Screw Chiller – COP=2.86 IPLV=3.97 (Qty – 1)	\$2423.36
ECM-2	Motors 7.5 – 20 HP (Qty – 2)	\$100.00
ECM-3	Motors 25 – 100 HP (Qty – 4)	\$287.50
ECM-4	Occupancy Sensor <500W (Qty – 100)	\$1340.00
Total		\$4150.86



**Public Utilities
Commission**

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

Case No.: ____ - ____ -EL-EEC

State of Ohio :

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

- 1. I am the duly authorized representative of:
Cincinnati Public Schools
[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.

Don Elbe Utility Mgmt. Coord.
Signature of Affiant & Title

Sworn and subscribed before me this 15th day of October,
2012 Month/Year

Angela F. Tolle
Signature of official administering oath

Angela F. Tolle, Notary Public
Print Name and Title

My commission expires on Sept 11, 2013

ANGELA F. TOLLE
Notary Public, State of Ohio
My Commission Expires Sept. 11, 2013

Attachment 1 – AMIS

Appendix 1 – Electric History

37903704 01		
ACADEMY OF MULTILINGUAL		
1908 SEYMOUR		
CINCINNATI, OH 45237		
Date	Days	Actual KWH
8/1/2012	30	56,598
7/2/2012	31	50,213
6/1/2012	30	64,273
5/2/2012	30	51,633
4/2/2012	31	51,837
3/2/2012	29	48,106
2/2/2012	29	50,327
1/4/2012	33	49,291
12/2/2011	31	51,791
11/1/2011	29	51,457
10/3/2011	32	74,222
9/1/2011	29	67,856
Total		667,604

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
Chiller - Air - Screw - COP=2.86 (kw/ton 1.23), IPLV=3.97 (kw/ton=0.89)	229.00	151	34579	0.08	12.08
Motor - 7.5-20 hp	437.49	2	874.98	0.12	0.24
Motor - 25-100 hp	1132.34	4	4529.36	0.31	1.24
Occupancy Sensor - <500 W	525.15	100	52515	0.11	11
Total			92498		24.56

Appendix 3 – Cash Rebate

Measure	Amount
Chiller - Air - Screw - COP=2.86 (kw/ton 1.23), IPLV=3.97 (kw/ton=0.89)	\$2,423.36
Motor - 7.5-20 hp	\$100.00
Motor - 25-100 hp	\$287.50
Occupancy Sensor - <500 W	\$1,340.00
Total	\$4,150.86

Appendix 4 – Utility Cost Test

Chiller - Air - Screw - COP=2.86 (kw/ton 1.23), IPLV=3.97 (kw/ton=0.89)	6.5
Motor - 7.5-20 hp	2.95
Motor - 25-100 hp	2.93
Occupancy Sensor - <500 W	10.21

Appendix 5 – Avoided Supply Costs

Measure	T&D	Production	Capacity	Quantity	Total Avoided Costs
Chiller - Air - Screw - COP=2.86 (kw/ton 1.23), IPLV=3.97 (kw/ton=0.89)	\$19.00	\$98.00	\$60.00	151	\$26,727
Motor - 7.5-20 hp	\$23.00	\$166.00	\$72.00	2	\$522
Motor - 25-100 hp	\$60.00	\$429.00	\$186.00	4	\$2,700
Occupancy Sensor - <500 W	\$17.00	\$117.00	\$39.00	100	\$17,300
Total					\$47,249

Appendix 6 – Utility Program Costs

Measure	Qty	Admin Costs	Total Costs
Chiller - Air - Screw - COP=2.86 (kw/ton 1.23), IPLV=3.97 (kw/ton=0.89)	151	\$11.00	\$1,661
Motor - 7.5-20 hp	2	\$36.00	\$72
Motor - 25-100 hp	4	\$95.00	\$380
Occupancy Sensor - <500 W	100	\$7.00	\$700
Total			\$2,813

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 1-513-419-5572.

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 an/or billing history for other utilities as required):

Account Number	Annual Usage	Account Number	Annual Usage
3790-3704-01			

Self Direct rebates are available for completed Custom projects that have not previously received a Duke Energy Smart Saver® 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 Saver 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 Saver 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.

Application Type	Replaced equipment at end of lifetime or because equipment failed**	Replaced fully operational equipment to improve efficiency***	New Construction
Lighting	MSD Custom Part 1 <input type="checkbox"/> Custom Lighting Worksheet <input type="checkbox"/>	MSD Prescriptive Lighting <input type="checkbox"/>	MSD Prescriptive Lighting <input type="checkbox"/>
		MSD Custom Part 1 <input type="checkbox"/> Custom Lighting Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> Custom Lighting Worksheet <input type="checkbox"/>
Heating & Cooling	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Heating & Cooling <input type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
Window Films, Programmable Thermostats, & Guest Room Energy Management Systems	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/>	MSD Prescriptive Heating & Cooling <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/>
Chillers & Thermal Storage	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Chillers & Thermal Storage <input checked="" type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
Motors & Pumps	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
VFDs	Not Applicable	MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom VFD Worksheet <input type="checkbox"/>
		MSD Custom Part 1 <input type="checkbox"/> MSD Custom VFD Worksheet <input type="checkbox"/>	
Food Service	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Food Service <input type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
Process	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Process <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
		MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	
Energy Management Systems	MSD Custom Part 1 <input type="checkbox"/> MSD Custom EMS Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom EMS Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom EMS Worksheet <input type="checkbox"/>
Behavioral*** & No/Low Cost	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>		

** Under the Self Direct program, failed equipment and equipment at the end of its useful life are evaluated differently than early replacement of fully functioning equipment. **All equipment replacements due to failure or old age will be evaluated via the Custom program.**

*** Please ensure that you include the age of the replaced equipment for measures classified as "Early Replacement" in your application as well as the estimated date that you would have otherwise replaced the existing equipment if you had not chosen a more energy efficient option.

**** Behavioral energy efficiency and demand reduction projects must be both measurable and verifiable. Provide justification with your application.



MERCANTILE SELF DIRECT Ohio Chillers / Thermal Storage Incentive 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 513-419-5572

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

<input type="checkbox"/> Data Centers	<input type="checkbox"/> Full Service Restaurant	<input type="checkbox"/> Office
<input checked="" type="checkbox"/> Education/K-12	<input type="checkbox"/> Healthcare	<input type="checkbox"/> Public Assembly
<input type="checkbox"/> Education Other	<input 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:		
<input 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 checked="" type="checkbox"/> Invoice with make, model number, quantity and equipment manufacturer	<input checked="" type="checkbox"/> Tax ID number for payee	<input checked="" type="checkbox"/> Customer/vendor agree to Terms and Conditions
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Customer/Business	Cincinnati Public Schools	Contact	Don Elbe
Phone	614-580-3352	Account Number	3790-3704-01
Street Address (Where incentive should be mailed)	2651 Burnett Ave		
City	Cincinnati	State	OH
		Zip Code	45219
Installation Street Address	1908 Seymour Ave		
City	Cincinnati	State	OH
		Zip Code	45237
E-mail Address			

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

Vendor	Plug Smart	Contact	Lucas Dixon
Phone	614-580-3352	Fax	1-800-518-5576
Street Address	1275 Kinnear Road Suite 229		
City	Columbus	State	OH
		Zip Code	43212
E-mail Address	lucas.dixon@plugsmart.com		

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

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 #	31-6000758
	Vendor Tax ID #	26-2368277

I have read and hereby agree to the Terms & Conditions and Program Requirements.

Customer Signature	<i>Don Elbe</i>	Vendor Signature	
Date	7-3-12	Date	
Title	Utility Mgmt. Coord.	Title	

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.

The Equipment below is (check one): New Equipment / New Construction
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

See Page 4 of form for required efficiency levels and equipment eligibility

Air Cooled Chillers									
Make/Model # Scroll/Screw Type	# of Units	AHRI Tons/Unit	Full-load kW/ton*	Incentive \$/ton	IPLV kW/ton*	Incentive \$/ton	Building Type	Date Installed & Operable (mm/yy)	Total Incentive
York YCIV0157EA46	1	150.8	1.17	\$4.00	.89	\$12.07	School	8/10	\$2,411.79
* Chiller performance and IPLV must be tested under AHRI conditions - submit documentation of compliance									

The Equipment below is (check one): New Equipment / New Construction
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

See Page 4 of form for required efficiency levels and equipment eligibility

Water Cooled Chillers										
Description	Make/Model #	# of Units	AHRI Tons/Unit	Full-load kW/ton*	Incentive \$/ton	IPLV kW/ton*	Incentive \$/ton	Building Type	Date Installed & Operable (mm/yy)	Total Incentive
<input type="checkbox"/> Screw/Scroll Chiller <input type="checkbox"/> Centrifugal Chiller										
<input type="checkbox"/> Screw/Scroll Chiller <input type="checkbox"/> Centrifugal Chiller										
<input type="checkbox"/> Screw/Scroll Chiller <input type="checkbox"/> Centrifugal Chiller										
* Chiller performance and IPLV must be tested under AHRI conditions - submit documentation of compliance										

Thermal Storage Incentives

The Equipment below is (check one): New Equipment / New Construction
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

Thermal Storage System Specifications*	
Manufacturer of Thermal Storage Equipment	
Type of Thermal Storage	<input type="checkbox"/> Chilled Water <input type="checkbox"/> Ice Bank <input type="checkbox"/> Ice Harvester
Model Number	
Controls Manufacturer	
Control Strategy	<input type="checkbox"/> Demand Limiting <input type="checkbox"/> Maximum Cooling Shift
Number of Thermal Storage Units	
Partial or Full Storage	<input type="checkbox"/> Partial Storage <input type="checkbox"/> Full Storage
Demand Shifted (kW)XX	
Storage Capacity (Ton Hours)	
Storage Capacity (Gallons If Applicable)	
Peak Cooling Load (Tons)	
Cooled Area (sq. ft.)	
Hours of Operations M-F	
Hours of Operations Sat	
Hours of Operations Sun	
Date Installed and Operable (mm/yy)	
Thermal Storage chiller Plant Description (Manufacturer, Tonnage, Ice Making kW/ton)	
Condenser Type	<input type="checkbox"/> Air Cooled <input type="checkbox"/> Water Cooled
Premium cost for Thermal Storage (Dollars)	
Annual Electrical Operating Cost with Storage (Dollars)	
Annual Savings as a result of Thermal Storage (Dollars)	
Simple Payback including Incentive (Years)	
Total Incentive (\$190/kW shifted)	
Conventional System Specifications (For Comparison Purposes)	
Chiller Plant Description (Manufacturer, type, tonnage, AHRI kW/ton)	
Chiller Demand (kW)	
Annual Electrical Operating Cost with Conventional Cooling	

*Thermal Storage Units with a >1MW load shift are not eligible for incentives under the Prescriptive Program but can be considered for custom incentives. The Custom application and process document are located on the Self Direct websites.

** Average demand shifted during the peak demand timeframe of 10:00am to 6:00pm for summer months of May through September.

Equipment Requirements

Chillers Incentive Table & AHRI Rated Efficiency Requirements*

AIR COOLED CHILLERS – All Sizes

Total Incentive = Base + Additional

Scroll/Screw Type Chillers

Full load kW/ton – EER	Base Incentive \$/ton	Part Load IPLV kW/ton – EER	Additional Incentive \$/ton
1.230 - 9.80	\$4.00	1.130 - 10.60	
1.230 - 9.80	\$4.00	1.010 - 11.90	\$5.83
1.230 - 9.80	\$4.00	0.890 - 13.50	\$12.07
1.230 - 9.80	\$4.00	0.810 - 14.80	\$15.75
1.142 – 10.50	\$12.50	1.046 – 11.50	
1.142 – 10.50	\$12.50	0.925 – 13.00	\$6.00
1.142 – 10.50	\$12.50	0.879 – 13.70	\$8.35
1.142 – 10.50	\$12.50	0.674 – 17.80	\$18.60
1.046 – 11.50	\$15.00	0.961 – 12.50	
1.046 – 11.50	\$15.00	0.847 – 14.20	\$5.70
1.046 – 11.50	\$15.00	0.795 – 15.10	\$8.30
1.046 – 11.50	\$15.00	0.618 – 19.40	\$17.15

WATER COOLED CHILLERS – < 150 tons

Total Incentive = Base + Additional

Screw/Scroll Type Chiller

Full load kW/ton – EER	Base Incentive \$/ton	Part Load IPLV kW/ton – EER	Additional Incentive \$/ton
0.790 – 15.20	\$2.50	0.620 – 19.40	
0.790 – 15.20	\$2.50	0.590 – 20.30	\$1.50
0.790 – 15.20	\$2.50	0.550 – 21.80	\$3.50
0.790 – 15.20	\$2.50	0.510 – 23.50	\$5.50
0.790 – 15.20	\$2.50	0.470 – 25.50	\$7.50
0.710 – 16.90	\$7.50	0.630 – 19.00	
0.710 – 16.90	\$7.50	0.560 – 21.40	\$3.50
0.710 – 16.90	\$7.50	0.530 – 22.60	\$5.00
0.710 – 16.90	\$7.50	0.500 – 24.00	\$6.50
0.710 – 16.90	\$7.50	0.460 – 26.10	\$8.50
0.710 – 16.90	\$7.50	0.430 – 27.90	\$10.00
0.630 – 19.00	\$10.00	0.560 – 21.40	
0.630 – 19.00	\$10.00	0.500 – 24.00	\$3.00
0.630 – 19.00	\$10.00	0.470 – 25.50	\$4.50
0.630 – 19.00	\$10.00	0.440 – 27.30	\$6.00
0.630 – 19.00	\$10.00	0.410 – 29.30	\$7.50
0.630 – 19.00	\$10.00	0.380 – 31.60	\$9.00

Centrifugal Type Chiller

0.700 – 17.10	\$2.50	0.570 – 21.10	
0.700 – 17.10	\$2.50	0.530 – 22.60	\$2.00
0.700 – 17.10	\$2.50	0.500 – 24.00	\$3.50
0.700 – 17.10	\$2.50	0.420 – 28.60	\$7.50
0.630 – 19.00	\$7.50	0.600 – 20.00	
0.630 – 19.00	\$7.50	0.510 – 23.50	\$4.50
0.630 – 19.00	\$7.50	0.480 – 25.00	\$6.00
0.630 – 19.00	\$7.50	0.450 – 26.70	\$7.50
0.630 – 19.00	\$7.50	0.380 – 31.60	\$11.00
0.560 – 21.40	\$10.00	0.530 – 22.60	
0.560 – 21.40	\$10.00	0.460 – 26.10	\$3.50
0.560 – 21.40	\$10.00	0.430 – 27.90	\$5.00
0.560 – 21.40	\$10.00	0.400 – 30.00	\$6.50
0.560 – 21.40	\$10.00	0.340 – 35.30	\$9.50

*AHRI Standard 550/590

2003 Standard for Performance Rating of Water-Chilling Packages using the vapor compression cycle.

WATER COOLED CHILLERS – 150-300 tons
Total Incentive = Base + Additional
Screw/Scroll Type Chiller

Full load kW/ton – EER	Base Incentive \$/ton	Part Load IPLV kW/ton – EER	Additional Incentive \$/ton
0.720 – 16.70	\$2.50	0.570 – 21.10	
0.720 – 16.70	\$2.50	0.540 – 22.20	\$1.50
0.720 – 16.70	\$2.50	0.500 – 24.00	\$3.50
0.720 – 16.70	\$2.50	0.470 – 25.50	\$5.00
0.720 – 16.70	\$2.50	0.430 – 27.90	\$7.00
0.650 – 18.50	\$7.50	0.570 – 21.10	
0.650 – 18.50	\$7.50	0.510 – 23.50	\$3.00
0.650 – 18.50	\$7.50	0.480 – 25.00	\$4.50
0.650 – 18.50	\$7.50	0.450 – 26.70	\$6.00
0.650 – 18.50	\$7.50	0.420 – 28.60	\$7.50
0.650 – 18.50	\$7.50	0.390 – 30.80	\$9.00
0.570 – 21.10	\$10.00	0.510 – 23.50	
0.570 – 21.10	\$10.00	0.450 – 26.70	\$3.00
0.570 – 21.10	\$10.00	0.430 – 27.90	\$4.00
0.570 – 21.10	\$10.00	0.400 – 30.00	\$5.50
0.570 – 21.10	\$10.00	0.370 – 32.40	\$7.00
0.570 – 21.10	\$10.00	0.340 – 35.30	\$8.50

Centrifugal Type Chiller

0.630 – 19.00	\$2.50	0.510 – 23.50	
0.630 – 19.00	\$2.50	0.480 – 25.00	\$1.50
0.630 – 19.00	\$2.50	0.450 – 26.70	\$3.00
0.630 – 19.00	\$2.50	0.380 – 31.60	\$6.50
0.570 – 21.10	\$7.50	0.540 – 22.20	
0.570 – 21.10	\$7.50	0.460 – 26.10	\$4.00
0.570 – 21.10	\$7.50	0.430 – 27.90	\$5.50
0.570 – 21.10	\$7.50	0.400 – 30.00	\$7.00
0.570 – 21.10	\$7.50	0.340 – 35.30	\$10.00
0.510 – 23.50	\$10.00	0.480 – 25.00	
0.510 – 23.50	\$10.00	0.410 – 29.30	\$3.50
0.510 – 23.50	\$10.00	0.390 – 30.80	\$4.50
0.510 – 23.50	\$10.00	0.360 – 33.30	\$6.00
0.510 – 23.50	\$10.00	0.300 – 40.00	\$9.00

*AHRI Standard 550/590

2003 Standard for Performance Rating of Water-Chilling Packages using the vapor compression cycle.

WATER COOLED CHILLERS – >300 tons
Total Incentive = Base + Additional

Screw/Scroll Type Chiller

Full load kW/ton – EER	Base Incentive \$/ton	Part Load IPLV kW/ton – EER	Additional Incentive \$/ton
0.640 – 18.75	\$2.50	0.510 – 23.50	
0.640 – 18.75	\$2.50	0.480 – 25.00	\$1.50
0.640 – 18.75	\$2.50	0.450 – 26.70	\$3.00
0.640 – 18.75	\$2.50	0.420 – 28.60	\$4.50
0.640 – 18.75	\$2.50	0.380 – 31.60	\$6.50
0.580 – 20.70	\$7.50	0.510 – 23.50	
0.580 – 20.70	\$7.50	0.450 – 26.70	\$3.00
0.580 – 20.70	\$7.50	0.430 – 27.90	\$4.00
0.580 – 20.70	\$7.50	0.400 – 30.00	\$5.50
0.580 – 20.70	\$7.50	0.370 – 32.40	\$7.00
0.580 – 20.70	\$7.50	0.350 – 34.30	\$8.00
0.510 – 23.50	\$10.00	0.460 – 26.10	
0.510 – 23.50	\$10.00	0.400 – 30.00	\$3.00
0.510 – 23.50	\$10.00	0.380 – 31.60	\$4.00
0.510 – 23.50	\$10.00	0.360 – 33.30	\$5.00
0.510 – 23.50	\$10.00	0.330 – 36.40	\$6.50
0.510 – 23.50	\$10.00	0.310 – 38.70	\$7.50

Centrifugal Type Chiller

0.580 – 20.70	\$2.50	0.470 – 25.50	
0.580 – 20.70	\$2.50	0.440 – 27.30	\$1.50
0.580 – 20.70	\$2.50	0.410 – 29.30	\$3.00
0.580 – 20.70	\$2.50	0.350 – 34.30	\$6.00
0.520 – 23.10	\$7.50	0.490 – 24.50	
0.520 – 23.10	\$7.50	0.420 – 28.60	\$3.50
0.520 – 23.10	\$7.50	0.390 – 30.80	\$5.00
0.520 – 23.10	\$7.50	0.370 – 32.40	\$6.00
0.520 – 23.10	\$7.50	0.310 – 38.70	\$9.00
0.460 – 26.10	\$10.00	0.440 – 27.30	
0.460 – 26.10	\$10.00	0.370 – 32.40	\$3.50
0.460 – 26.10	\$10.00	0.350 – 34.30	\$4.50
0.460 – 26.10	\$10.00	0.330 – 36.40	\$5.50
0.460 – 26.10	\$10.00	0.280 – 42.90	\$8.00

*AHRI Standard 550/590

2003 Standard for Performance Rating of Water-Chilling Packages using the vapor compression cycle.

Thermal Storage Incentives

	Incentive
THERMAL STORAGE UNIT	\$95/kW shifted

Program Requirements

Equipment Eligibility

- Duke Energy will use the AHRI database for verifying equipment efficiencies for all the chillers. If the equipment or matched set is not in the AHRI database, the manufacturer's technical fact sheets must be provided showing the efficiency level tested under AHRI conditions as described in AHRI standard 550/590. Equipment capacity (size) and efficiency must be based on AHRI design conditions. Full load efficiency rating (FL) and Integrated Part load Value (IPLV) must be provided for all chillers.
- Incentives for chillers will be paid based on the AHRI tons per unit.
- EER/COP and IPLV values shall include all connected loads, such as compressors, condenser fans, and control kW. Chiller components, such as motors and VFDs, are incented as part of the chiller package and are not independently eligible for prescriptive incentives during a chiller replacement
- Chiller incentives are only available for HVAC space cooling applications. All equipment installed must serve as a primary source of cooling for the facility. Industrial process cooling may qualify for a custom incentive.
- Chillers purchased and installed for backup or redundant systems are not eligible.
- Thermal Storage Units with a >1MW load shift are not eligible for incentives under the Prescriptive Program but can be considered for custom incentives.
- All equipment must be new to be eligible for incentives. Used equipment is **not** eligible for incentives.

Incentive Eligibility

- Incentives are only available to customers on a 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 any time.
- Customer may assign the incentive to the vendor who installed/supplied the equipment. The customer's signature is required in the Payment Information section on page 1 of 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.
- Leased equipment is eligible for incentives providing the equipment meets the program requirements and the customer provides the required documentation noted on the Incentive Application Process page of this application.
- Any equipment which, either separately or as part of a project, has or will receive an incentive from any other Duke Energy program is ineligible.
- In no case will Duke Energy pay an incentive above the actual cost of the new equipment.
- 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 nor for any damage caused 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.
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 513-419-5572.
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.

Mercantile Self Direct Incentive Program Requirements for Vendor Participation

Program Overview

- Duke Energy offers its eligible non-residential customers the opportunity to increase profitability through energy cost savings and contribute to a cleaner environment by participating in our Mercantile Self Direct Incentive Program.
- Under the Duke Energy Mercantile Self Direct Incentive Program, Vendor is defined as any third party who:
 - Promotes the sale and installation of the high efficiency equipment for the customer. The Vendor will ensure that the eligible equipment is installed and operating before submitting the application or assisting the customer in completing the application.
 - Is responsible for the product sale only and is not required to ensure installation of the eligible equipment.
- All license requirements, if any, are solely the Vendor's responsibility. Participating Vendors include equipment contractors, equipment Vendors, equipment manufacturers and distributors, energy service companies, etc. The typical Vendor role is to contact/solicit eligible customers building new or retrofitting existing facilities and encourage the installation of the energy-efficient equipment offered in Duke Energy's program.
- Incentives are paid directly to customers unless the customer assigns the incentive to the Vendor. The assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount. Incentives are taxable to the entity who receives the rebate check. Rebates greater than \$600 will be reported to the IRS unless documentation of tax exempt status is provided.
- Vendors can sign up to be on Duke Energy's Web site as a participating Vendor and be added to Duke Energy's e-mail distribution by faxing the Vendor Participation Agreement (VPA) to **513-419-5572** or **emailing to SelfDirect@duke-energy.com**.
- Vendors may not represent to customers that Duke Energy endorses their specific products or services. Duke Energy does not endorse specific products, services, or companies – only energy-efficient technologies.
- Vendors may advise customers of their option to have Duke Energy make their rebate check(s) payable to the Vendor if the customer's rebate amount is being deducted from the total sale price in advance. The customer must complete and sign the Payment Release Authorization section of the Mercantile Self Direct Incentive Program Application.
- Vendors may use the words "Duke Energy's Mercantile Self Direct Incentive Program" in promotional materials or advertisements. Vendors may use the name Duke Energy in a text format to describe the Mercantile Self Direct Incentive Program, but are not permitted to use Duke Energy's logos.
- For Vendors who properly install the qualifying equipment, the equipment shall be installed and operating prior to an application being submitted. A percentage of each Vendor's installations will be subject to inspection by Duke Energy for verifying that the equipment is installed and operating. Vendors demonstrating high failure rates (based on a statistically significant sample) will have 100% of subsequent jobs inspected or may have their participation in the Mercantile Self Direct Incentive Program revoked by Duke Energy in its sole discretion.
- Vendors shall provide customers with applicable equipment warranty information for all measures installed. Vendors shall provide the required documentation for customers to apply for the rebate (invoices with model numbers and quantities, specification sheets for installed equipment, etc.) and assist customers in filling out the application.
- Vendors shall comply with all applicable local, state, and federal laws and codes when performing installation and related functions.

Guidelines for Vendor Activities

- Vendors shall sign and return the attached VPA to Duke Energy prior to soliciting customer participation or when submitting an application. Rebate payments will not be released to a Vendor unless a signed VPA is on file.

Vendors shall not misrepresent the nature of their role in the program. In particular, Vendors shall not state or imply to customers, or any persons, that the Vendor is employed by or working on Duke Energy's behalf.

- Duke Energy reserves the right to revoke a Vendor's participation in Mercantile Self Direct Incentive Program if, in Duke Energy's sole judgment, the Vendor fails to comply with the program's guidelines and requirements.
- Mercantile Self Direct Incentive Program offerings may be modified or terminated without prior notice. Check Duke Energy's Web site for current program status.

For more information, call **1-866.380.9580** or visit www.duke-energy.com.



Mercantile Self Direct Rebate Program

Technology	Responsible for sales and not installs*	Responsible for sales and Installation*	Technology	Responsible for sales and not installs*	Responsible for sales and Installation*
Lighting	<input type="checkbox"/>	<input type="checkbox"/>	Thermal Storage	<input type="checkbox"/>	<input type="checkbox"/>
Heating Ventilation & Cooling	<input type="checkbox"/>	<input type="checkbox"/>	Pumps/Motors/VFD's	<input type="checkbox"/>	<input type="checkbox"/>
Food Service	<input type="checkbox"/>	<input type="checkbox"/>	Chillers	<input type="checkbox"/>	<input type="checkbox"/>
Water Heating	<input type="checkbox"/>	<input type="checkbox"/>	Refrigeration	<input type="checkbox"/>	<input type="checkbox"/>
Process Equipment (air compressors, injection molding, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	Window Film	<input type="checkbox"/>	<input type="checkbox"/>

* Check all that apply

Vendors who wish to be listed as a Mercantile Self Direct Incentive Program participating Vendor shall complete this form. A signed copy of this form must be on file at Duke Energy in order for the Vendor to receive incentive payments. Fax form to **513-419-5572** or email to SelfDirect@duke-energy.com.

I have read and understand the Mercantile Self Direct Incentive Program Requirements for Vendor Participation, and I agree to comply with all requirements set forth therein. By signing this agreement, I agree to provide my customers with information and documentation that is true and accurate to the best of my knowledge. I hereby represent and warrant that the Tax ID and Vendor Tax Status provided below are true and accurate. I agree that any confidential information concerning my customer, including but not limited to Duke Energy service account information, will be used for the sole purpose of facilitating the customer's participation in the Mercantile Self Direct Incentive Program. Further, I understand that I am responsible for making sure everyone working for me understands the requirements prior to soliciting customer participation.

Vendor Federal Tax ID Number	
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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 third-party vendor. The third-party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the third-party vendor have signed 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.

Vendor Tax Status	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual/Sole Proprietor	<input type="checkbox"/> Partnership	<input type="checkbox"/> Other
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Contact me via	<input type="checkbox"/> Phone	<input type="checkbox"/> E-Mail	<input type="checkbox"/> Mail	
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Company Name	
Mailing Address	
City, State, Zip	
Phone/Fax	
Primary E-mail Address	
Secondary E-mail Address	
Vendor Signature	
Title	
Print Name	
Date	

For more information, call 1-866-380-9580 or visit www.duke-energy.com.

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 1-513-419-5572.

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 an/or billing history for other utilities as required):

Account Number	Annual Usage	Account Number	Annual Usage
3790-3704-01			

Self Direct rebates are available for completed Custom projects that have not previously received a Duke Energy Smart Saver® 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 Saver 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 Saver 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.

Application Type	Replaced equipment at end of lifetime or because equipment failed**	Replaced fully operational equipment to improve efficiency***	New Construction
Lighting	MSD Custom Part 1 <input type="checkbox"/> Custom Lighting Worksheet <input type="checkbox"/>	MSD Prescriptive Lighting <input type="checkbox"/>	MSD Prescriptive Lighting <input checked="" type="checkbox"/>
		MSD Custom Part 1 <input type="checkbox"/> Custom Lighting Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> Custom Lighting Worksheet <input type="checkbox"/>
Heating & Cooling	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Heating & Cooling <input type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
Window Films, Programmable Thermostats, & Guest Room Energy Management Systems	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/>	MSD Prescriptive Heating & Cooling <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/>
Chillers & Thermal Storage	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Chillers & Thermal Storage <input type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
Motors & Pumps	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
VFDs	Not Applicable	MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom VFD Worksheet <input type="checkbox"/>
		MSD Custom Part 1 <input type="checkbox"/> MSD Custom VFD Worksheet <input type="checkbox"/>	
Food Service	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Food Service <input type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
Process	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Process <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
		MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	
Energy Management Systems	MSD Custom Part 1 <input type="checkbox"/> MSD Custom EMS Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom EMS Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom EMS Worksheet <input type="checkbox"/>
Behavioral*** & No/Low Cost	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>		

** Under the Self Direct program, failed equipment and equipment at the end of its useful life are evaluated differently than early replacement of fully functioning equipment. **All equipment replacements due to failure or old age will be evaluated via the Custom program.**

*** Please ensure that you include the age of the replaced equipment for measures classified as "Early Replacement" in your application as well as the estimated date that you would have otherwise replaced the existing equipment if you had not chosen a more energy efficient option.

**** Behavioral energy efficiency and demand reduction projects must be both measurable and verifiable. Provide justification with your application.



MERCANTILE SELF DIRECT Ohio Lighting Incentive 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 513-419-5572.

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

<input type="checkbox"/> Data Centers	<input type="checkbox"/> Full Service Restaurant	<input type="checkbox"/> Office
<input checked="" type="checkbox"/> Education/K-12	<input type="checkbox"/> Healthcare	<input type="checkbox"/> Public Assembly
<input type="checkbox"/> Education Other	<input 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 was the application completed? (check all that apply)		
<input type="checkbox"/> Duke Energy Representative	<input type="checkbox"/> Web Site	<input type="checkbox"/> Radio
<input checked="" 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 checked="" type="checkbox"/> Invoice with make, model number, quantity and equipment manufacturer	<input checked="" type="checkbox"/> Tax ID number for payee	<input checked="" type="checkbox"/> Customer/vendor agree to Terms and Conditions
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Customer/Business	Cincinnati Public Schools	Contact	Don Elbe		
Phone		Account Number	3790-3704-01		
Street Address (Where incentive should be mailed)		2651 Burnett Ave			
City	Cincinnati	State	OH	Zip Code	45219
Installation Street Address		1908 Seymour Avenue			
City	Cincinnati	State	OH	Zip Code	45237
E-mail Address					

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

Vendor	Plug Smart	Contact	Lucas Dixon		
Phone	614-580-3352	Fax	614-453-5743		
Street Address		1275 Kinnear Road Suite 229			
City	Columbus	State	Ohio	Zip Code	43212
E-mail Address					

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

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 #	31-6000758
	Vendor Tax ID #	26-2368277

I have read and hereby agree to the Terms & Conditions and Program Requirements.

Customer Signature	<i>Don Elbe</i>	Vendor Signature	
Date	7-3-12	Date	
Title	Utility Mgmt. Coord.	Title	

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.

NOTE: All Fixtures must be installed indoors, with the exception of Traffic and Pedestrian Signals and where otherwise noted.

Fixtures = Lamps + Ballast Retrofit fixture replacement – 1:1 ratio (except where otherwise indicated)	Ballast and Model Numbers	Incentive per fixture	Qty	Annual Operating Hours (minimum of 1800)	Equipment Cost (w/o labor)	Date Installed and Operable (mm/yy)	Total Incentive
T-12 fixtures replaced by T8 (T8 U tube lamps are eligible for incentives based on the total measured length of the lamp.)							
T8 8ft 2 lamp replacing T12 8ft 2 lamp (retrofit only)	Ballast model# Lamp model #	\$3.50		Hrs.			
T8 8ft 1 lamp replacing T12 8ft 1 lamp (retrofit only)	Ballast model# Lamp model #	\$2.50		Hrs.			
T8 4ft 4 lamp replacing T12 4ft 4 lamp (retrofit only)	Ballast model# Lamp model #	\$5.50		Hrs.			
T8 4ft 3 lamp replacing T12 4ft 3 lamp (retrofit only)	Ballast model# Lamp model #	\$4.50		Hrs.			
T8 4ft 2 lamp replacing T12 4ft 2 lamp (retrofit only)	Ballast model# Lamp model #	\$2.00		Hrs.			
T8 4ft 1 lamp replacing T12 4ft 1 lamp (retrofit only)	Ballast model# Lamp model #	\$1.50		Hrs.			
T8 3ft 4 lamp replacing T12 3ft 4 lamp (retrofit only)	Ballast model# Lamp model #	\$5.00		Hrs.			
T8 3ft 3 lamp replacing T12 3ft 3 lamp (retrofit only)	Ballast model# Lamp model #	\$3.25		Hrs.			
T8 3ft 2 lamp replacing T12 3ft 2 lamp (retrofit only)	Ballast model# Lamp model #	\$2.00		Hrs.			
T8 3ft 1 lamp replacing T12 3ft 1 lamp (retrofit only)	Ballast model# Lamp model #	\$1.50		Hrs.			
T8 2ft 4 lamp replacing T12 2ft 4 lamp (retrofit only)	Ballast model# Lamp model #	\$3.00		Hrs.			
T8 2ft 3 lamp replacing T12 2ft 3 lamp (retrofit only)	Ballast model# Lamp model #	\$2.10		Hrs.			
T8 2ft 2 lamp replacing T12 2ft 2 lamp (retrofit only)	Ballast model# Lamp model #	\$2.00		Hrs.			
T8 2ft 1 lamp replacing T12 2ft 1 lamp (retrofit only)	Ballast model# Lamp model #	\$1.50		Hrs.			

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- All fluorescent fixtures shall utilize electronic ballast and T-8 lamps.
- Ballasts shall have a power factor greater than 90%.
- Ballasts, harmonic distortion shall not exceed 20%. For 8-foot fluorescent ballasts, the total harmonic distortion shall not exceed 30%.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors (heated and cooled enclosed space).
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- High lumen lamp and low ballast factor ballast combinations are expected.
- Eligible T8 High Bays must have specular/mirror like or white reflectors and fixture efficiency must be >90%.
- *Manufacturers spec sheet is required and must indicate that it is a High Bay fixture and the fixture efficiency is > 90%. If spec sheet does not list efficiency, a photometric report will be required that indicates total fixture (Luminaire) efficiency rating or the 0-180 degree of lamp rating included in the zonal lumen summary chart.*
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

NOTE: All Fixtures must be installed indoors, with the exception of Traffic and Pedestrian Signals and where otherwise noted.

Fixtures = Lamps + Ballast Retrofit fixture replacement – 1:1 ratio (except where otherwise indicated)	Ballast and Model Numbers	Incentive per fixture	Qty	Annual Operating Hours (minimum of 1800)	Equipment Cost (w/o labor)	Date Installed and Operable (mm/yy)	Total Incentive
T-12 fixtures replaced by T8 (T8 U tube lamps are eligible for incentives based on the total measured length of the lamp.)							
T8 HO 8ft 1 lamp replacing T12 HO 8ft 1 lamp (retrofit only)	Ballast model# Lamp model #	\$5.00		Hrs.			
T8 HO 8ft 2 lamp replacing T12 HO 8ft 2 lamp (retrofit only)	Ballast model# Lamp model #	\$7.00		Hrs.			
T8 HB 4ft 3L replacing 150-249W HID(retrofit only)	Ballast model# Lamp model #	\$15.00		Hrs.			
T8 HB 4ft 4L a replacing 250-399W HID(retrofit only)	Ballast model# Lamp model #	\$20.00		Hrs.			
T8 HB 4ft 6L replacing 400-999W HID (retrofit only)	Ballast model# Lamp model #	\$25.00		Hrs.			
T8 HB 4ft 8L replacing a 400-999W HID(retrofit only)	Ballast model# Lamp model #	\$20.00		Hrs.			
2 fixtures – T8 HB 4ft 8 Lamp (32W) replacing 1,000 W HID (2 for 1 replacement (retrofit only)	Ballast model# Lamp model #	\$60.00		Hrs.			

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- All fluorescent fixtures shall utilize electronic ballast and T-8 lamps.
- Ballasts shall have a power factor greater than 90%.
- Ballasts, harmonic distortion shall not exceed 20%. For 8-foot fluorescent ballasts, the total harmonic distortion shall not exceed 30%.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors (heated and cooled enclosed space).
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- High lumen lamp and low ballast factor ballast combinations are expected.
- Eligible T8 High Bays must have specular/mirror like or white reflectors and fixture efficiency must be >90%.
- *Manufacturers spec sheet is required and must indicate that it is a High Bay fixture and the fixture efficiency is > than 90%. If spec sheet does not list efficiency, a photometric report will be required that indicates total fixture (Luminaire) efficiency rating or the 0-180 degree of lamp rating included in the zonal lumen summary chart.*
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

Fixtures = Lamps + Ballast <i>Fixtures must be permanently retrofitted to the lamp count specified. Reflectors may be utilized to maintain necessary lighting levels.</i>	Ballast and Model Numbers	Incentive per fixture	Qty	Annual Operating Hours (minimum of 1800)	Equipment Cost (w/o labor)	Date Installed and Operable (mm/yy)	Total Incentive
T-12 fixtures replaced by T8 with delamping							
T8 8ft 1 lamp replacing T12 8 ft 2 lamp (retrofit only)*	Ballast model# Lamp model #	\$5.00		Hrs.			
T8 4ft 2 lamp replacing T12 4ft 3 lamp (retrofit only)*	Ballast model# Lamp model #	\$2.50		Hrs.			
T8 4ft 1 lamp replacing T12 4ft 2 lamp (retrofit only)*	Ballast model# Lamp model #	\$2.50		Hrs.			
T8 3ft 3 lamp replacing T12 3ft 4 lamp (retrofit only)*	Ballast model# Lamp model #	\$2.00		Hrs.			
T8 3ft 2 lamp replacing T12 3 ft 3 lamp (retrofit only)*	Ballast model# Lamp model #	\$2.00		Hrs.			
T8 3ft 1 lamp replacing T12 3 ft 2 lamp (retrofit only)*	Ballast model# Lamp model #	\$2.00		Hrs.			
T8 2ft 3 lamp replacing T12 2 ft 4 lamp (retrofit only)*	Ballast model# Lamp model #	\$1.50		Hrs.			
T8 2ft 2 lamp replacing T12 2 ft 3 lamp (retrofit only)*	Ballast model# Lamp model #	\$1.50		Hrs.			
T8 2ft 1 lamp replacing T12 2ft 2 lamp (retrofit only)*	Ballast model# Lamp model #	\$1.50		Hrs.			

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- All fluorescent fixtures shall utilize electronic ballast and T-8 lamps .
- Ballasts shall have a power factor greater than 90%.
- Ballasts, harmonic distortion shall not exceed 20%. For 8-foot fluorescent ballasts, the total harmonic distortion shall not exceed 30%.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors.
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

Fixtures = Lamps + Ballast Retrofit fixture replacement – 1:1 ratio (except where otherwise indicated)	Ballast and Model Numbers	Incentive per fixture	Qty	Annual Operating Hours (minimum of 1800)	Equipment Cost (w/o labor)	Date Installed and Operable (mm/yy)	Total Incentive
T12 8ft and 4ft fixture replaced by T8 High Performance Replace T12 and T12 HO 8' fixtures with High Performance T8 4ft lamps and ballast. Approved lamps and ballasts must be listed on the CEE High performance T8 qualified product list found on the web at www.cee1.org .							
High Performance T8 4ft 2 lamp fixture replacing T12 8ft 1 lamp fixture	Ballast model# Lamp model #	\$5.00		Hrs.			
High Performance T8 4ft 4 lamp fixture replacing T12 8ft 2 lamp fixture	Ballast model# Lamp model #	\$5.00		Hrs.			
High Performance T8 4ft 2 lamp fixture replacing T12 High Output 8ft 1 lamp fixture	Ballast model# Lamp model #	\$10.00		Hrs.			
High Performance T8 4ft 4 lamp fixture replacing T12 High Output 8ft 2 lamp fixture	Ballast model# Lamp model #	\$12.50		Hrs.			
High Performance T8 4ft 1 lamp fixture replacing T12 4ft 1 lamp	Ballast model# Lamp model #	\$3.00		Hrs.			
High Performance T8 4ft 2 lamp fixture replacing T12 4ft 2 lamp	Ballast model# Lamp model #	\$4.00		Hrs.			
High Performance T8 4ft 3 lamp fixture replacing T12 4 ft 3 lamp	Ballast model# Lamp model #	\$6.00		Hrs.			
High Performance T8 4ft 4 lamp fixture replacing T12 4 ft 4 lamp	Ballast model# Lamp model #	\$8.00		Hrs.			
T-12 4ft fixture replaced by Reduced Wattage T8 Lighting Replace standard T12 systems with 4' 25W lamps, 28W lamps, and approved CEE ballast. In order to qualify for incentives, bulbs and ballasts must be from CEE reduced-wattage approved list. To view the CEE Reduced Wattage T8 qualified product list, go to www.cee1.org . Note: Reduced Watt T8 compatibility varies; consult manufacturer's literature before specifying products.							
Reduced Wattage T8 4ft 1 lamp of 28W or less & ballast replacing standard T12 4ft 1 lamp – 34 W	Ballast model# Lamp model #	\$4.00		Hrs.			
Reduced Wattage T8 4ft 2 lamp of 28 W or less & ballast replacing standard T12 4 ft 2 lamp – 34 W	Ballast model# Lamp model #	\$5.00		Hrs.			
Reduced Wattage T8 4ft 3 lamp of 28 W or less & ballast replacing standard T12 4 ft 3 lamp – 34 W	Ballast model# Lamp model #	\$7.00		Hrs.			
Reduced Wattage T8 4ft 4 lamp of 28 W or less & ballast replacing standard T12 4 ft 4 lamp – 34 W	Ballast model# Lamp model #	\$9.00		Hrs.			

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- All fluorescent fixtures shall utilize electronic ballast and T-8 lamps.
- Ballasts shall have a power factor greater than 90%.
- Ballasts, harmonic distortion shall not exceed 20%.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors except where specifically stated.
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- Replacement must result in energy savings to qualify.
- High lumen lamp and low ballast factor ballast combinations are expected.
- Normal or low ballast factor ballasts must be utilized to be eligible.
- Reduced watt T8 lamps should not be used in dimming applications unless the lamp and ballast manufacturers have approved a specific application for dimming or frequent switching. May demonstrate dim light, spiraling, pulsing and other undesirable behavior in cooler temperature rooms and while warming up. System performance varies based on lamp or ballast components.
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

Fixtures = Lamps + Ballast Retrofit fixture replacement – 1:1 ratio (except where otherwise indicated)	Ballast and Model Numbers	Incentive per fixture	Qty	Annual Operating Hours (minimum of 1800)	Equipment Cost (w/o labor)	Date Installed and Operable (mm/yy)	Total Incentive
T-12 fixtures replaced with T5 Electronic Ballasts							
T5 4ft (28 watt) 1 lamp replacing T12 4ft 1 lamp (retrofit only)	Ballast model# Lamp model #	\$2.50		Hrs.			
T5 4ft (28 watt) 2 lamp replacing T12 4ft 2 lamp (retrofit only)	Ballast model# Lamp model #	\$4.00		Hrs.			
T5 4ft (28 watt) 3 lamp replacing T12 4ft 3 lamp (retrofit only)	Ballast model# Lamp model #	\$5.00		Hrs.			
T5 4ft (28 watt) 4 lamp replacing T12 4ft 4 lamp (retrofit only)	Ballast model# Lamp model #	\$6.00		Hrs.			
T5 HO 4ft 1 (54 watt) lamp replacing 34W T12 4ft 2 lamp (retrofit only)	Ballast model# Lamp model #	\$3.00		Hrs.			
T5 HO 4ft 2 (54 watt) lamp replacing 34W T12 4ft 4 lamp (retrofit only)	Ballast model# Lamp model #	\$4.50		Hrs.			
T5 HO 4ft 2 (54 watt) lamp replacing 60W T12 8 ft 2 lamp (retrofit only)	Ballast model# Lamp model #	\$4.50		Hrs.			
T5 HO 4ft 3 (54 watt) lamp replacing 95W T12 HO 8ft 2 lamp (retrofit only)	Ballast model# Lamp model #	\$5.50		Hrs.			
T5 HO 4ft 4 (54 watt) lamp replacing 60W T12 8ft 4 lamp (retrofit only)	Ballast model# Lamp model #	\$6.50		Hrs.			
T5 HO 4ft 4 (54 watt) lamp replacing 95W T12 VHO 8ft 2 lamp (retrofit only)	Ballast model# Lamp model #	\$6.50		Hrs.			
T5 HO HB 2L replacing 150-249W HID (retrofit only) Fixture efficiency	Ballast model# Lamp model #	\$15.00		Hrs.			
T5 HO HB 3L replacing 250-399W HID (retrofit only) Fixture efficiency	Ballast model# Lamp model #	\$20.00		Hrs.			
T5 HO HB 4L replacing 400-999W HID (retrofit only) Fixture efficiency	Ballast model# Lamp model #	\$25.00		Hrs.			
T5 HO HB 6L replacing 400-999W HID (retrofit only) Fixture efficiency	Ballast model# Lamp model #	\$20.00		Hrs.			
T5 HO HB 8L replacing 750-999W HID (retrofit only) Fixture efficiency	Ballast model# Lamp model #	\$37.50		Hrs.			
2 fixtures – T5 HO HB 6 Lamp replacing 1,000 W HID (2 for 1 retrofit only) Fixture efficiency	Ballast model# Lamp model #	\$60.00		Hrs.			

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- All fluorescent fixtures shall utilize electronic ballast and T-5 lamps.
- Ballasts shall have a power factor greater than 90%.
- Ballasts, harmonic distortion shall not exceed 20%.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- Replacement must result in energy savings to qualify.
- Eligible T5 High Bays must have specular/mirror like or white reflectors and fixture efficiency must be >90%. *Manufacturers spec sheet is required and must indicate that it is a High Bay fixture and the fixture efficiency is > than 90%. If spec sheet does not list efficiency, a photometric report will be required that indicates total fixture (Luminaire) efficiency rating or the 0-180 degree of lamp rating included in the zonal lumen summary chart.*
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

Fixtures = Lamps + Ballast Retrofit fixture replacement – 1:1 ratio (except where otherwise indicated)	Ballast and Model Numbers	Incentive per fixture	Qty	Annual Operating Hours (minimum of 1800)	Equipment Cost (w/o labor)	Date Installed and Operable (mm/yy)	Total Incentive
T-8 Fixtures replaced by High Performance T8 Lighting Replace standard T8 systems with High Performance T8 4ft lamps and ballast. Approved lamps and ballasts must be listed on the CEE High performance T8 qualified product list found on the web at www.cee1.org .							
T8 4ft High Performance 1 lamp & ballast replacing standard T8 4ft 1 lamp fixture	Ballast model# Lamp model #	\$2.00		Hrs.			
T8 4ft High Performance 2 lamp & ballast replacing standard T8 4ft 2 lamp fixture	Ballast model# Lamp model #	\$3.00		Hrs.			
T8 4ft High Performance 3 lamp & ballast replacing standard T8 4ft 3 lamp fixture	Ballast model# Lamp model #	\$3.10		Hrs.			
T8 4ft High Performance 4 lamp & ballast replacing standard T8 4ft 4 lamp fixture	Ballast model# Lamp model #	\$6.00		Hrs.			
T-8 Fixtures replaced by Reduced Wattage High Performance T8 Lighting Replace standard T8 systems with 4' 25W lamps, 28W lamps approved CEE ballast OR relamp existing T8 fixtures with reduced wattage T8 lamps 28W or less. In order to qualify for incentives bulbs and ballasts must be from CEE reduced-wattage approved list. To view the CEE Reduced Wattage T8 qualified product list, go to www.cee1.org . Note: reduced wattage T8 compatibility varies; consult manufacturer's literature before specifying products.							
Reduced Wattage T8 4ft 1 lamp of 28W or less & ballast replacing standard T8 4ft 1 lamp – 32W	Ballast model# Lamp model #	\$2.00		Hrs.			
Reduced Wattage T8 4ft 2 lamp of 28W or less & ballast replacing standard T8 4ft 2 lamp – 32W	Ballast model# Lamp model #	\$3.00		Hrs.			
Reduced Wattage T8 4ft 3 lamp of 28W or less & ballast replacing standard T8 4ft 3 lamp – 32W	Ballast model# Lamp model #	\$5.00		Hrs.			
Reduced Wattage T8 4ft 4 lamp of 28W or less & ballast replacing standard T8 4ft 4 lamp – 32W	Ballast model# Lamp model #	\$6.00		Hrs.			
Relamp T8 4ft 32W fixtures with Reduced Wattage T8 lamps 28 watts or less	Ballast model# Lamp model #	\$2.50 / lamp		Hrs.			

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- All fluorescent fixtures shall utilize electronic ballast and T-8 lamps .
- Ballasts shall have a power factor greater than 90%.
- Ballasts, harmonic distortion shall not exceed 20%.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors except where specifically stated.
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- Replacement must result in energy savings to qualify.
- High lumen lamp and low ballast factor ballast combinations are expected.
- Reduced watt T8 lamps should not be used in dimming applications unless the lamp and ballast manufacturers have approved a specific application for dimming or frequent switching. May demonstrate dim light, spiraling, pulsing and other undesirable behavior in cooler temperature rooms and while warming up. System performance varies based on lamp or ballast components.
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

CFL Lamps and Fixtures	Incentive	Qty	Annual Operating Hours (minimum of 1800)	Equipment Cost (w/o labor)	Date Installed and Operable (mm/yy)	Total Incentive
42W 8 lamp HB CFL replacing 400W HID (retrofit only) Model Number	\$25.00		Hrs.			
CFL – Screw In (lamp only) replacing an incandescent (retrofit only) Model Number	\$0.75 / lamp		Hrs.			
CFL – Screw-In dimmable or 3-way bulb replacing an incandescent dimmable or 3-way bulb (retrofit only) Model Number	\$1.00 / lamp		Hrs.			
CFL – Hardwired Fixture replacing incandescent fixture (only pin based CFL's qualify) Model Number	\$5.00 / fixture		Hrs.			
Up to 30W CFL Flood Lamp with Reflector replacing 100W or less incandescent (retrofit only) Model Number	\$1.50 / lamp		Hrs.			
33W – 115W CFL lamp replacing 100 W or more incandescent Model Number	\$2.50 / lamp		Hrs.			
Energy Star LED Lamps						
Replace incandescent bulbs with Energy Star LED (retrofit only) <i>LED lamps must be listed on the Energy Star Qualified Light Bulbs list to qualify.</i> http://www.energystar.gov/index.cfm?fuseaction=iledl.display_products_pdf Model Number	\$5.00 / lamp		Hrs.			
Replace 60-100W incandescent with ENERGY STAR qualified LED downlight 18 Watts or less. (retrofit only) <i>Product must appear on ENERGY STAR Qualified LED Lighting qualified products list, and must contain the word "downlight".</i> http://www.energystar.gov/index.cfm?fuseaction=ssl.display_products_com_pd Model Number	\$7.50 / fixture		Hrs.			

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors except where specifically stated.
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- All fixtures must operate a minimum of 1,800 hours to be eligible.

Metal Halide						
320W Pulse Start Halide replacing 400W HID (retrofit only) **check one <input type="checkbox"/> R <input type="checkbox"/> FE Model Number	\$12.50			Hrs.		
Ceramic Metal Halide						
20W Ceramic Metal Halide fixture replacing <input type="checkbox"/> Incandescent or <input type="checkbox"/> Halogen of at least 100 W Model Number	\$15.00			Hrs.		
39W Ceramic Metal Halide fixture replacing <input type="checkbox"/> Incandescent or <input type="checkbox"/> Halogen of at least 150 W Model Number	\$15.00			Hrs.		
50W Ceramic Metal Halide fixture replacing <input type="checkbox"/> Incandescent or <input type="checkbox"/> Halogen for a total of 195W Model Number	\$15.00			Hrs.		
70W Ceramic Metal Halide fixture replacing <input type="checkbox"/> Incandescent or <input type="checkbox"/> Halogen for a total of 225W Model Number	\$15.00			Hrs.		
100W Ceramic Metal Halide fixture replacing <input type="checkbox"/> Incandescent or <input type="checkbox"/> Halogens for a total of 270W Model Number	\$15.00			Hrs.		
150W Ceramic Metal Halide fixture replacing <input type="checkbox"/> Incandescent or <input type="checkbox"/> Halogens for a total of 360W Model Number	\$15.00			Hrs.		
25 W or less Ceramic Metal Halide with integral ballast replacing 70 W or greater incandescent flood light Model Number	\$5.00/lamp			Hrs.		

- Replacement must result in energy savings to qualify.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors except where specifically stated.
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- Incentives for pulse start metal halide fixtures are for 320w pulse start metal halide lamp/ballast combinations. In a retrofit application, the fixture must be hard-wired ballast retrofit or new fixture. Screw in retrofit lamps do not qualify. Pulse start lamp wattage must be lower than existing probe start lamp wattage.
- Ceramic Metal Halide Incentive is for complete hardwired fixtures containing ceramic metal halide lamp and electronic ceramic metal halide ballast.
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

Measure	Incentive	Qty	Annual Operating Hrs (minimum of 1800)	Equipment cost (w/o labor)	Date Installed and Operable (mm/yy)	Total Incentive
21" Tubular Skylight/Light Tube (at least one light fixture per light tube must be controlled by a "daylight" sensor (no additional daylight sensor incentive applies) Check One ** <input type="checkbox"/> R <input type="checkbox"/> NC <input type="checkbox"/> FE Model Number	\$37.50 / fixture					
LED Exit Signs (replacing or retrofitting existing incandescent or compact fluorescent exit sign) Check one <input type="checkbox"/> R <input type="checkbox"/> NC <input type="checkbox"/> FE Model Number	\$5.00 / fixture					
LED Lighting In Reach-in Freezer or Cooler Case (replacing fluorescent fixtures) Model Number	\$25.00 / door					
LED Case Lighting Sensor Controls Check one <input type="checkbox"/> R <input type="checkbox"/> NC <input type="checkbox"/> FE Model Number Model Number	5.00 / sensor					
Under 500 W connected to sensor check one <input type="checkbox"/> R <input checked="" type="checkbox"/> NC <input type="checkbox"/> FE Model Number Hubbell LODT, Hubbell OMNIUS, Hubbell OMNIDT	\$10.00 / sensor	66	2080	\$4,971.78	8/10	\$660.00
Over 500 W connected to sensor check one <input type="checkbox"/> R <input checked="" type="checkbox"/> NC <input type="checkbox"/> FE Model Number Hubbell LODT, Hubbell OMNIUS, Hubbell OMNIDT	\$20.00 / sensor	34	2080	\$3,848.46	8/10	\$680.00

- Replacement must result in energy savings to qualify
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- Lighting circuits should be installed with a neutral wire that has the same size conductor as the line load.
- All fixtures shall be installed indoors except where specifically stated.
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- Tubular Skylight requires at least one light fixture per light tube that must be controlled by a "daylight" sensor (no additional daylight sensor incentive applies)
- LED exit signs shall use 5 watts or less including the battery charger when active. They must meet State Fire Marshal codes and be UL rated.
- Occupancy Sensors (under and over 500) must be either wall, ceiling, or fixture mounted. Rapid or programmed start ballasts are recommended for fluorescent fixtures.
- Occupancy Sensors (under 500W) installed on or built into High Bay fixtures are eligible for incentives.
- LED Lighting in Reach-in Freezer or Cooler Case: Must install a LED lighting system and replace (or in lieu of) a fluorescent lighting system for reach-in refrigerated display case.
- Fluorescent magnetic ballasts cannot be used to power the LED case lighting system. Existing fluorescent fixture end connectors and ballasts must be removed.
- LED case lighting system must be a permanently installed luminaire. LED lamps that install into fluorescent lamp sockets are not eligible for incentives.
- LED Case Lighting Sensor Controls may only be installed with LED lighting systems. End of aisle and individual case sensors qualify.
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

Outdoor Lighting	Incentive	Qty	Annual Operating Hrs (minimum of 1800)	Equipment cost (w/o labor)	Date Installed and Operable (mm/yy)	Total Incentive
Exterior LED or Induction fixture replacing up to 175W HID Model Number	\$20 / fixture					
Exterior LED or Induction fixture replacing 176W – 250W HID Model Number	\$25 / fixture					
Exterior LED or Induction fixture replacing 251W – 400W HID Model Number	\$40 / fixture					
Exterior LED or Induction fixture replacing > 400 W HID Model Number	\$75/ fixture					
Garage LED or Induction fixture replacing up to 175 W HID Model Number	\$50/ fixture					
Garage LED or Induction fixture replacing 176W – 250W HID Model Number	\$75/ fixture					
Garage LED or Induction fixture replacing 251W – 400 W HID Model Number	\$125/ fixture					
Garage LED or Induction fixture replacing > 400 W HID Model Number	\$200/ fixture					
LED Auto Traffic Signals (replacing incandescent) Model Number	\$6.25 / lamp					
LED Pedestrian Signals (replacing incandescent) Model Number	\$12.50/ signal					

- Replacement must result in energy savings to qualify
- All fixtures, lamps and ballasts must be UL certified and meet all applicable codes and regulations.
- All fixtures must operate a minimum of 1,800 hours to be eligible.
- All equipment must be **new** to be eligible for incentives. Used equipment is **not** eligible for incentives.
- Outdoor and garage **LED and** induction lighting must result in a total power **reduction** of 40% or more.
- Outdoor and garage LEDs should be listed on either the Energy Star or Design Lights consortium qualifying products lists:
 1. http://www.energystar.gov/index.cfm?fuseaction=ssl.display_products_com_pdf
 2. <http://www.designlights.org/documents/NEEPDLCQPL.xls>
- Traffic and pedestrian signals using LED lights must replace conventional incandescent signals.
- Incentive capped at 50% of the equipment cost.
- New construction or replacement of failed equipment must apply for Self Direct Custom program.

Program Requirements

Incentive Eligibility

- Incentives are only available to customers on a 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 any time.
- Customer may assign the incentive to the vendor who installed/supplied the equipment. The customer's signature is required in the Payment Information section on page 1 of 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.
- Leased equipment is eligible for incentives providing the equipment meets the program requirements and the customer provides the required documentation noted on the Incentive Application Process page of this application.
- Any equipment which, either separately or as part of a project, has or will receive an incentive from any other Duke Energy program is ineligible.
- In no case will Duke Energy pay an incentive above the actual cost of the new equipment.
- 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 nor for any damage caused 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 513-419-5572.
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.

Mercantile Self Direct Rebate Program Requirements for Vendor Participation

Program Overview

- Duke Energy offers its eligible non-residential customers the opportunity to increase profitability through energy cost savings and contribute to a cleaner environment by participating in our Mercantile Self Direct Incentive Program.
- Under the Duke Energy Mercantile Self Direct Incentive Program, Vendor is defined as any third party who:
 - Promotes the sale and installation of the high efficiency equipment for the customer. The Vendor will ensure that the eligible equipment is installed and operating before submitting the application or assisting the customer in completing the application.
 - Is responsible for the product sale only and is not required to ensure installation of the eligible equipment.
- All license requirements, if any, are solely the Vendor's responsibility. Participating Vendors include equipment contractors, equipment Vendors, equipment manufacturers and distributors, energy service companies, etc. The typical Vendor role is to contact/solicit eligible customers building new or retrofitting existing facilities and encourage the installation of the energy-efficient equipment offered in Duke Energy's program.
- Incentives are paid directly to customers unless the customer assigns the incentive to the Vendor. The assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount. Incentives are taxable to the entity who receives the rebate check. Rebates greater than \$600 will be reported to the IRS unless documentation of tax exempt status is provided.

Vendors can sign up to be on Duke Energy's Web site as a participating Vendor and be added to Duke Energy's e-mail distribution by emailing the Vendor Participation Agreement (VPA) to SelfDirect@duke-energy.com or faxing to **513-419-5572**.
- Vendors may not represent to customers that Duke Energy endorses their specific products or services. Duke Energy does not endorse specific products, services, or companies – only energy-efficient technologies.
- Vendors may advise customers of their option to have Duke Energy make their rebate check(s) payable to the Vendor if the customer's rebate amount is being deducted from the total sale price in advance. The customer must complete and sign the Payment Release Authorization section of the Mercantile Self Direct Incentive Program Application.
- Vendors may use the words "Duke Energy's Mercantile Self Direct Incentive Program" in promotional materials or advertisements. Vendors may use the name Duke Energy in a text format to describe the Mercantile Self Direct Incentive Program, but are not permitted to use Duke Energy's logos.
- For Vendors who properly install the qualifying equipment, the equipment shall be installed and operating prior to an application being submitted. A percentage of each Vendor's installations will be subject to inspection by Duke Energy for verifying that the equipment is installed and operating. Vendors demonstrating high failure rates (based on a statistically significant sample) will have 100% of subsequent jobs inspected or may have their participation in the Mercantile Self Direct Incentive Program revoked by Duke Energy in its sole discretion.
- Vendors shall provide customers with applicable equipment warranty information for all measures installed. Vendors shall provide the required documentation for customers to apply for the rebate (invoices with model numbers and quantities, specification sheets for installed equipment, etc.) and assist customers in filling out the application.
- Vendors shall comply with all applicable local, state, and federal laws and codes when performing installation and related functions.

Guidelines for Vendor Activities

- Vendors shall sign and return the attached VPA to Duke Energy prior to soliciting customer participation or when submitting an application. Rebate payments will not be released to a Vendor unless a signed VPA is on file.
- Vendors shall not misrepresent the nature of their role in the program. In particular, Vendors shall not state or imply to customers, or any persons, that the Vendor is employed by or working on Duke Energy's behalf.
- Duke Energy reserves the right to revoke a Vendor's participation in Mercantile Self Direct Incentive Program if, in Duke Energy's sole judgment, the Vendor fails to comply with the program's guidelines and requirements.
- Mercantile Self Direct Incentive Program offerings may be modified or terminated without prior notice. Check Duke Energy's Web site for current program status.

For more information, call **1-866.380.9580** or visit www.duke-energy.com.



Mercantile Self Direct Incentive Program

Technology	Responsible for sales and not installs*	Responsible for sales and Installation*	Technology	Responsible for sales and not installs*	Responsible for sales and Installation*
Lighting	<input type="checkbox"/>	<input type="checkbox"/>	Thermal Storage	<input type="checkbox"/>	<input type="checkbox"/>
Heating Ventilation & Cooling	<input type="checkbox"/>	<input type="checkbox"/>	Pumps/Motors/VFD's	<input type="checkbox"/>	<input type="checkbox"/>
Food Service	<input type="checkbox"/>	<input type="checkbox"/>	Chillers	<input type="checkbox"/>	<input type="checkbox"/>
Water Heating	<input type="checkbox"/>	<input type="checkbox"/>	Refrigeration	<input type="checkbox"/>	<input type="checkbox"/>
Process Equipment (air compressors, injection molding, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	Window Film	<input type="checkbox"/>	<input type="checkbox"/>

* Check all that apply

Vendors who wish to be listed as a Mercantile Self Direct Incentive Program participating Vendor shall complete this form. A signed copy of this form must be on file at Duke Energy in order for the Vendor to receive incentive payments. Fax form to **513-419-5572** or email to SelfDirect@duke-energy.com.

I have read and understand the Mercantile Self Direct Incentive Program Requirements for Vendor Participation, and I agree to comply with all requirements set forth therein. By signing this agreement, I agree to provide my customers with information and documentation that is true and accurate to the best of my knowledge. I hereby represent and warrant that the Tax ID and Vendor Tax Status provided below are true and accurate. I agree that any confidential information concerning my customer, including but not limited to Duke Energy service account information, will be used for the sole purpose of facilitating the customer's participation in the Mercantile Self Direct Incentive Program. Further, I understand that I am responsible for making sure everyone working for me understands the requirements prior to soliciting customer participation.

Vendor Federal Tax ID Number	
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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 third-party vendor. The third-party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the third-party vendor have signed 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.

Vendor Tax Status	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual/Sole Proprietor	<input type="checkbox"/> Partnership	<input type="checkbox"/> Other
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Contact me via	<input type="checkbox"/> Phone	<input type="checkbox"/> E-Mail	<input type="checkbox"/> Mail
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Company Name	
Mailing Address	
City, State, Zip	
Phone/Fax	
Primary E-mail Address	
Secondary E-mail Address	
Vendor Signature	
Title	
Print Name	
Date	

For more information, call 1-866-380-9580 or visit www.duke-energy.com.

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 1-513-419-5572.

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 an/or billing history for other utilities as required):

Account Number	Annual Usage	Account Number	Annual Usage
3790-3704-01			

Self Direct rebates are available for completed Custom projects that have not previously received a Duke Energy Smart Saver® 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 Saver 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 Saver 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.

Application Type	Replaced equipment at end of lifetime or because equipment failed**	Replaced fully operational equipment to improve efficiency***	New Construction
Lighting	MSD Custom Part 1 <input type="checkbox"/> Custom Lighting Worksheet <input type="checkbox"/>	MSD Prescriptive Lighting <input type="checkbox"/>	MSD Prescriptive Lighting <input type="checkbox"/>
		MSD Custom Part 1 <input type="checkbox"/> Custom Lighting Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> Custom Lighting Worksheet <input type="checkbox"/>
Heating & Cooling	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Heating & Cooling <input type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
Window Films, Programmable Thermostats, & Guest Room Energy Management Systems	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/>	MSD Prescriptive Heating & Cooling <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/>
Chillers & Thermal Storage	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Chillers & Thermal Storage <input type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
Motors & Pumps	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Motors, Pumps & Drives <input checked="" type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
VFDs	Not Applicable	MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom VFD Worksheet <input type="checkbox"/>
		MSD Custom Part 1 <input type="checkbox"/> MSD Custom VFD Worksheet <input type="checkbox"/>	
Food Service	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Food Service <input type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
Process	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Process <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
		MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	
Energy Management Systems	MSD Custom Part 1 <input type="checkbox"/> MSD Custom EMS Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom EMS Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom EMS Worksheet <input type="checkbox"/>
Behavioral*** & No/Low Cost	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>		

** Under the Self Direct program, failed equipment and equipment at the end of its useful life are evaluated differently than early replacement of fully functioning equipment. **All equipment replacements due to failure or old age will be evaluated via the Custom program.**

*** Please ensure that you include the age of the replaced equipment for measures classified as "Early Replacement" in your application as well as the estimated date that you would have otherwise replaced the existing equipment if you had not chosen a more energy efficient option.

**** Behavioral energy efficiency and demand reduction projects must be both measurable and verifiable. Provide justification with your application.



MERCANTILE SELF DIRECT Ohio Premium Motor/Pump/VFD Incentive 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 513-419-5572.

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

<input type="checkbox"/> Data Centers	<input type="checkbox"/> Full Service Restaurant	<input type="checkbox"/> Office
<input checked="" type="checkbox"/> Education/K-12	<input type="checkbox"/> Healthcare	<input type="checkbox"/> Public Assembly
<input type="checkbox"/> Education Other	<input 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:		
<input type="checkbox"/> Duke Energy Representative	<input type="checkbox"/> Web Site	<input type="checkbox"/> Radio
<input checked="" 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 checked="" type="checkbox"/> Invoice with make, model number, quantity and equipment manufacturer	<input checked="" type="checkbox"/> Tax ID number for payee	<input checked="" type="checkbox"/> Customer/vendor agree to Terms and Conditions
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Customer/Business	Cincinnati Public Schools	Contact	Don Elbe
Phone	614-580-3352	Account Number	3790-3704-01
Street Address (Where incentive should be mailed)	2651 Burnett Ave		
City	Cincinnati	State	OH
		Zip Code	45219
Installation Street Address	1908 Seymour Ave		
City	Cincinnati	State	OH
		Zip Code	45237
E-mail Address			

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

Vendor	Plug Smart	Contact	Lucas Dixon
Phone	614-580-3352	Fax	1-800-518-5576
Street Address	1275 Kinnear Road Suite 229		
City	Columbus	State	OH
		Zip Code	43212
E-mail Address	lucas.dixon@plugsmart.com		

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

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 #	31-6000758
	Vendor Tax ID #	26-2368277

I have read and hereby agree to the Terms & Conditions and Program Requirements.

Customer Signature	<i>Don Elbe</i>	Vendor Signature	
Date	7-3-12	Date	
Title	Utility Mgmt. Coord.	Title	

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.



Motor incentives will be removed from the Prescriptive Program effective March 31, 2011. To qualify for the current incentives, motors must be purchased by March 31, 2011 and installed by June 30, 2011. Applications must be received by September 30, 2011.

Certain motors will still be eligible for incentives using the custom program. Please refer to the Duke Energy Mercantile Self Direct website for further detail.

The Equipment below is (check one): New Equipment / New Construction
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

Motor											
Motor	Make/Model or Catalog #	Quantity	Type	RPM	Incentive	HP	Installed Nominal Efficiency*	Annual Operating Hrs (Minimum of 2000)	Equipment Cost	Date Installed and Operable (mm/yy)	Total Incentive
1-5 HP			<input type="checkbox"/> OPEN <input type="checkbox"/> TEFC	<input type="checkbox"/> 1200 <input type="checkbox"/> 1800 <input type="checkbox"/> 3600	\$5/HP	HP	%	Hrs			
7.5-20 HP	Baldor EM2513T	1	<input checked="" type="checkbox"/> OPEN <input type="checkbox"/> TEFC	<input type="checkbox"/> 1200 <input checked="" type="checkbox"/> 1800 <input type="checkbox"/> 3600	\$4/HP	15HP	93%	2800Hrs	\$1,065.10	8/10	\$60.00
25-100 HP	Baldor EM2539T	1	<input checked="" type="checkbox"/> OPEN <input type="checkbox"/> TEFC	<input type="checkbox"/> 1200 <input checked="" type="checkbox"/> 1800 <input type="checkbox"/> 3600	\$2.50/HP	40HP	94.5%	2800Hrs	\$2,588.30	8/10	\$100.00
125 – 250 HP			<input type="checkbox"/> OPEN <input type="checkbox"/> TEFC	<input type="checkbox"/> 1200 <input type="checkbox"/> 1800 <input type="checkbox"/> 3600	\$2/HP	HP	%	Hrs			

* See page four for required efficiency levels for motors.

*Incentive capped at 50% of project cost (equipment and external labor).

- Qualifying motors must be three-phase open drip (ODP) or totally enclosed fan cooled (TEFC) units with nominal speeds of 1200, 1800, or 3600 RPM.
- Efficiencies are to be full-load nominal efficiencies tested in accordance with IEE Standards 112, Method B. Please refer to attached table to determine qualifying efficiencies.
- Installed equipment must be new. Used, rebuilt or rewound equipment is **not** eligible.
- Motor shall be squirrel cage design and conform to NEMA Premium design A, B or C torque characteristics.
- Motor/pump load must be served by Duke Energy and installed in customer's facility.
- Replaced motors shall be disposed of or recycled (not to be resold or rewound).
- Motor(s) and pump(s) must operate a minimum of 2000 hours annually to be eligible.

The Equipment below is (check one): New Equipment / New Construction
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

High Efficiency Pumps								
Pump	Make/Model or Catalog #	Quantity	Incentive	Installed Nominal Efficiency* (pump curve)	Annual Operating Hrs (Minimum of 2000)	Equipment Cost	Date Installed and Operable (mm/yy)	Total Incentive
1.5 HP			\$61.00/PUMP	%	Hrs			
2 HP			\$87.50.00/PUMP	%	Hrs			
3 HP			\$87.50/PUMP	%	Hrs			
5 HP			\$85.00./PUMP	%	Hrs			
7.5 HP			\$124.50/PUMP	%	Hrs			
10 HP			\$82.50.00/PUMP	%	Hrs			
15 HP			\$145.00/PUMP	%	Hrs			
20 HP			\$200.00/PUMP	%	Hrs			

*** See on page four for required efficiency levels for pumps. Pump curves are required.**

*Incentive capped at 50% of project cost (equipment and external labor).

- Installed equipment must be new. Used, rebuilt or rewound equipment is **not** eligible.
- Motor/pump load must be served by Duke Energy and installed in customer's facility.
- Pump efficiency is based on the design point on the pump curve. Documentation of the pump curve is required to receive an incentive.
- The pump efficiency at the design point on the pump curve must meet nominal efficiencies as stated in table on page 4.
- Duplicative to the first bullet point.

The Equipment below is (check one): Retrofit
 Replacement of failed equipment or new construction is not eligible for incentives.

**Variable Frequency Drives (VFDs) – For Process Fluid Pumping Only
 (Retrofit* Application only)**

Process pumping does not include HVAC or swimming pool fluid pumping systems.

List Process Pumping Application

VFD**	Make/Model or Catalog #	Quantity	Incentive***	Annual Operating Hrs (Minimum of 2000)	Project Cost	Date Installed and Operable (mm/yy)	Total Incentive
5 HP			\$20.00/HP	Hrs			
7.5 HP			\$20.00/HP	Hrs			
10 HP			\$20.00/HP	Hrs			
15 HP			\$20.00/HP	Hrs			
20 HP			\$20.00/HP	Hrs			
25 HP			\$20.00/HP	Hrs			
30 HP			\$20.00/HP	Hrs			
40 HP			\$20.00/HP	Hrs			
50 HP			\$20.00/HP	Hrs			

***Retrofit only – incentives are only available for new VFDs installed on existing fluid process pump systems.
 ** VFDs over 50 HP and VFDs on new equipment are not eligible for prescriptive incentives, but may qualify through the custom program. Please refer to the custom webpage for guidance.
 ***Incentives are capped at 50% of project cost (equipment and external labor).**

- Installed equipment must be new. Used, rebuilt or rewound equipment is **not** eligible.
- Variable Frequency Drive Fans & Pumps qualifying equipment must have 2000 annual run hours or more.
- A 3% impedance reactor on the AC input to the VSD is recommended to prevent damage to the VSD due to overvoltage from power factor correction and should be properly sized by your supplier. A 5% reactor may be recommended if there is additional harmonic distortion on the AC input lines due to other plant-specific causes.
- VFDs on new equipment do not qualify under this program; but may qualify through the custom program. Please refer to the Custom website for guidance. Incentives will be paid for the installation of **NEW** VFDs on existing fan/pump systems and process equipment only.
- Replacement of existing VFDs does not qualify for incentives.
- VFDs installed on redundant pumps do not qualify.
- VFDs installed in newly constructed facilities do not qualify for incentives.
- VFD speed must be automatically controlled by differential pressure, flow, temperature, or other variable signal.
- Existing throttling devices including inlet vanes, bypass dampers, and throttling valves must be removed or permanently disabled.
- . Duplicative to the first bullet point.

The Equipment below is (check one): Retrofit
 Replacement of failed equipment or new construction is not eligible for incentives.

Variable Frequency Drives (VFDs) – Applied to HVAC Fans Only (Retrofit* Application only)							
VFD HVAC Applications (please check one):							
<input type="checkbox"/> Supply Fan		<input type="checkbox"/> Cooling Tower Fan			<input type="checkbox"/> Return Fan		
<input type="checkbox"/> Exhaust Fan							
VFD**	Make/Model or Catalog #	Quantity	Incentive***	Annual Operating Hrs (Minimum of 2000)	Project Cost	Date Installed and Operable (mm/yy)	Total Incentive
1.5 HP			\$50.00/HP	Hrs			
2 HP			\$50.00/HP	Hrs			
3 HP			\$50.00/HP	Hrs			
5 HP			\$50.00/HP	Hrs			
7.5 HP			\$50.00/HP	Hrs			
10 HP			\$50.00/HP	Hrs			
15 HP			\$50.00/HP	Hrs			
20 HP			\$50.00/HP	Hrs			
25 HP			\$50.00/HP	Hrs			
30 HP			\$50.00/HP	Hrs			
40 HP			\$50.00/HP	Hrs			
50 HP			\$50.00/HP	Hrs			
<p>* Retrofit only – incentives are only available for new VFDs installed on existing HVAC fan systems. **VFDs over 50 HP and VFD's on new equipment are not eligible for prescriptive incentives, but may qualify through the custom program. ***Incentives are capped at 50% of project cost (equipment and external labor).</p>							

- Installed equipment must be new. Used, rebuilt or rewound equipment is **not** eligible.
- Variable Frequency Drive Fans & Pumps qualifying equipment must have 2000 annual run hours or more.
- A 3% impedance reactor on the AC input to the VSD is recommended to prevent damage to the VSD due to overvoltage from power factor correction and should be properly sized by your supplier. A 5% reactor may be recommended if there is additional harmonic distortion on the AC input lines due to other plant-specific causes.
- VFDs on new equipment do not qualify under this program; but may qualify through the custom program. Please refer to the Custom website for guidance. Incentives will be paid for the installation of **NEW** VFDs on existing fan/pump systems and process equipment only.
- Replacement of existing VFDs does not qualify for incentives.
- VFDs installed on redundant pumps do not qualify.
- VFDs installed in newly constructed facilities do not qualify for incentives.
- VFD speed must be automatically controlled by differential pressure, flow, temperature, or other variable signal.
- Existing throttling devices including inlet vanes, bypass dampers, and throttling valves must be removed or permanently disabled.
- Duplicative to the first bullet point.

The Equipment below is (check one): Retrofit
 Replacement of failed equipment or new construction is not eligible for incentives.

Variable Frequency Drives (VFDs) – Applied to HVAC Pumps Only (Retrofit* Application only)							
VFD HVAC Applications (please check one):							
<input type="checkbox"/> Chilled Water Pump		<input type="checkbox"/> Condenser Pump			<input type="checkbox"/> Hot Water Pump		
VFD**	Make/Model or Catalog #	Quantity	Incentive***	Annual Operating Hrs (Minimum of 2000)	Project Cost	Date Installed and Operable (mm/yy)	Total Incentive
1.5 HP			\$50.00/HP	Hrs			
2 HP			\$50.00/HP	Hrs			
3 HP			\$50.00/HP	Hrs			
5 HP			\$50.00/HP	Hrs			
7.5 HP			\$50.00/HP	Hrs			
10 HP			\$50.00/HP	Hrs			
15 HP			\$50.00/HP	Hrs			
20 HP			\$50.00/HP	Hrs			
25 HP			\$50.00/HP	Hrs			
30 HP			\$50.00/HP	Hrs			
40 HP			\$50.00/HP	Hrs			
50 HP			\$50.00/HP	Hrs			
<p>* Retrofit only – incentives are only available for new VFDs installed on existing HVAC pumps systems. **VFDs over 50 HP and VFDs on new equipment are not eligible for prescriptive incentives, but may qualify through the custom program. Please refer to the custom webpage for guidance. ***Incentives are capped at 50% of project cost (equipment and external labor).</p>							

- Installed equipment must be new. Used, rebuilt or rewound equipment is **not** eligible.
- Variable Frequency Drive Fans & Pumps qualifying equipment must have 2000 annual run hours or more.
- A 3% impedance reactor on the AC input to the VSD is recommended to prevent damage to the VSD due to overvoltage from power factor correction and should be properly sized by your supplier. A 5% reactor may be recommended if there is additional harmonic distortion on the AC input lines due to other plant-specific causes.
- VFDs on new equipment do not qualify under this program; but may qualify through the custom program. Please refer to the Custom website for guidance. Incentives will be paid for the installation of **NEW** VFDs on existing fan/pump systems and process equipment only.
- Replacement of existing VFDs does not qualify for incentives.
- VFDs installed on redundant pumps do not qualify.
- VFDs installed in newly constructed facilities do not qualify for incentives.
- VFD speed must be automatically controlled by differential pressure, flow, temperature, or other variable signal.
- Existing throttling devices including inlet vanes, bypass dampers, and throttling valves must be removed or permanently disabled.
- . Duplicative to the first bullet point.

Efficiencies for Premium Motor/Pump Measures

Nominal Efficiencies for "NEMA Premium" Induction Motors Rated 600 volts or less (random wound)						
HP	Open Drip Proof			Totally Enclosed Fan-Cooled		
	1200 RPM	1800 RPM	3600 RPM	1200 RPM	1800 RPM	3600 RPM
1	82.5	85.5	77.0	82.5	85.5	77.0
1.5	86.5	86.5	84.0	87.5	86.5	84.0
2	87.5	86.5	85.5	88.5	86.5	85.5
3	88.5	89.5	85.5	89.5	89.5	86.5
5	89.5	89.5	86.5	89.5	89.5	88.5
7.5	90.2	91.0	88.5	91.0	91.7	89.5
10	91.7	91.7	89.5	91.0	91.7	90.2
15	91.7	93.0	90.2	91.7	92.4	91.0
20	92.4	93.0	91.0	91.7	93.0	91.0
25	93.0	93.6	91.7	93.0	93.6	91.7
30	93.6	94.1	91.7	93.0	93.6	91.7
40	94.1	94.1	92.4	94.1	94.1	92.4
50	94.1	94.5	93.0	94.1	94.5	93.0
60	94.5	95.0	93.6	94.5	95.0	93.6
75	94.5	95.0	93.6	94.5	95.4	93.6
100	95.0	95.4	93.6	95.0	95.4	94.1
125	95.0	95.4	94.1	95.0	95.4	95.0
150	95.4	95.8	94.1	95.8	95.8	95.0
200	95.4	95.8	95.0	95.8	96.2	95.4
250	95.4	95.8	95.0	95.8	96.2	95.8

Nominal Efficiencies for Pumps	
HP	Efficiency
1.5	efficiency of 65% or more for system
2	efficiency of 65% or more for system
3	efficiency of 67% or more for system
5	efficiency of 70% or more for system
7.5	efficiency of 73% or more for system
10	efficiency of 75% or more for system
15	efficiency of 77% or more for system
20	efficiency of 77% or more for system

Program Requirements

Incentive Eligibility

- Incentives are only available to customers on a 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 any time.
- Customer may assign the incentive to the vendor who installed/supplied the equipment. The customer's signature is required in the Payment Information section on page 1 of 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.
- Leased equipment is eligible for incentives providing the equipment meets the program requirements and the customer provides the required documentation noted on the Incentive Application Process page of this application.
- Any equipment which, either separately or as part of a project, has or will receive an incentive from any other Duke Energy program is ineligible.
- In no case will Duke Energy pay an incentive above the actual cost of the new equipment.
- 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 nor for any damage caused 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 513-419-5572.
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.

Mercantile Self Direct Incentive Program Requirements for Vendor Participation

Program Overview

- Duke Energy offers its eligible non-residential customers the opportunity to increase profitability through energy cost savings and contribute to a cleaner environment by participating in our Mercantile Self Direct Incentive Program.
- Under the Duke Energy Mercantile Self Direct Incentive Program, Vendor is defined as any third party who:
 - Promotes the sale and installation of the high efficiency equipment for the customer. The Vendor will ensure that the eligible equipment is installed and operating before submitting the application or assisting the customer in completing the application.
 - Is responsible for the product sale only and is not required to ensure installation of the eligible equipment.
- All license requirements, if any, are solely the Vendor's responsibility. Participating Vendors include equipment contractors, equipment Vendors, equipment manufacturers and distributors, energy service companies, etc. The typical Vendor role is to contact/solicit eligible customers building new or retrofitting existing facilities and encourage the installation of the energy-efficient equipment offered in Duke Energy's program.
- Incentives are paid directly to customers unless the customer assigns the incentive to the Vendor. The assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount. Incentives are taxable to the entity who receives the rebate check. Rebates greater than \$600 will be reported to the IRS unless documentation of tax exempt status is provided.
- Vendors may not represent to customers that Duke Energy endorses their specific products or services. Duke Energy does not endorse specific products, services, or companies – only energy-efficient technologies.
- Vendors may advise customers of their option to have Duke Energy make their rebate check(s) payable to the Vendor if the customer's rebate amount is being deducted from the total sale price in advance. The customer must complete and sign the Payment Release Authorization section of the Mercantile Self Direct Incentive Program Application.
- Vendors may use the words "Duke Energy's Mercantile Self Direct Incentive Program" in promotional materials or advertisements. Vendors may use the name Duke Energy in a text format to describe the Mercantile Self Direct Incentive Program, but are not permitted to use Duke Energy's logos.
- For Vendors who properly install the qualifying equipment, the equipment shall be installed and operating prior to an application being submitted. A percentage of each Vendor's installations will be subject to inspection by Duke Energy for verifying that the equipment is installed and operating. Vendors demonstrating high failure rates (based on a statistically significant sample) will have 100% of subsequent jobs inspected or may have their participation in the Mercantile Self Direct Incentive Program revoked by Duke Energy in its sole discretion.
- Vendors shall provide customers with applicable equipment warranty information for all measures installed. Vendors shall provide the required documentation for customers to apply for the rebate (invoices with model numbers and quantities, specification sheets for installed equipment, etc.) and assist customers in filling out the application.
- Vendors shall comply with all applicable local, state, and federal laws and codes when performing installation and related functions.
- Duke Energy reserves the right to revoke a Vendor's participation in Mercantile Self Direct Incentive Program if, in Duke Energy's sole judgment, the Vendor fails to comply with the program's guidelines and requirements.
- Mercantile Self Direct Incentive Program offerings may be modified or terminated without prior notice. Check Duke Energy's Web site for current program status.

Vendors can sign up to be on Duke Energy's Web site as a participating Vendor and be added to Duke Energy's e-mail distribution by emailing the Vendor Participation Agreement (VPA) to SelfDirect@duke-energy.com or faxing to **513-419-5572**.

Guidelines for Vendor Activities

- Vendors shall sign and return the attached VPA to Duke Energy prior to soliciting customer participation or when submitting an application. Rebate payments will not be released to a Vendor unless a signed VPA is on file.
- Vendors shall not misrepresent the nature of their role in the program. In particular, Vendors shall not state or imply to customers, or any persons, that the Vendor is employed by or working on Duke Energy's behalf.

For more information, call **1-866.380.9580** or visit www.duke-energy.com.



Mercantile Self Direct Rebate Program

Technology	Responsible for sales and not installs*	Responsible for sales and Installation*	Technology	Responsible for sales and not installs*	Responsible for sales and Installation*
Lighting	<input type="checkbox"/>	<input type="checkbox"/>	Thermal Storage	<input type="checkbox"/>	<input type="checkbox"/>
Heating Ventilation & Cooling	<input type="checkbox"/>	<input type="checkbox"/>	Pumps/Motors/VFDs	<input type="checkbox"/>	<input type="checkbox"/>
Food Service	<input type="checkbox"/>	<input type="checkbox"/>	Chillers	<input type="checkbox"/>	<input type="checkbox"/>
Water Heating	<input type="checkbox"/>	<input type="checkbox"/>	Refrigeration	<input type="checkbox"/>	<input type="checkbox"/>
Process Equipment (air compressors, injection molding, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	Window Film	<input type="checkbox"/>	<input type="checkbox"/>

* Check all that apply

Vendors who wish to be listed as a Mercantile Self Direct Incentive Program participating Vendor shall complete this form. A signed copy of this form must be on file at Duke Energy in order for the Vendor to receive incentive payments. Fax form to **513-419-5572** or email to SelfDirect@duke-energy.com.

I have read and understand the Mercantile Self Direct Incentive Program Requirements for Vendor Participation, and I agree to comply with all requirements set forth therein. By signing this agreement, I agree to provide my customers with information and documentation that is true and accurate to the best of my knowledge. I hereby represent and warrant that the Tax ID and Vendor Tax Status provided below are true and accurate. I agree that any confidential information concerning my customer, including but not limited to Duke Energy service account information, will be used for the sole purpose of facilitating the customer's participation in the Mercantile Self Direct Incentive Program. Further, I understand that I am responsible for making sure everyone working for me understands the requirements prior to soliciting customer participation.

Vendor Federal Tax ID Number	
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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 third-party vendor. The third-party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the third-party vendor have signed 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.

Vendor Tax Status	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual/Sole Proprietor	<input type="checkbox"/> Partnership	<input type="checkbox"/> Other
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Contact me via	<input type="checkbox"/> Phone	<input type="checkbox"/> E-Mail	<input type="checkbox"/> Mail	
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Company Name	
Mailing Address	
City, State, Zip	
Phone/Fax	
Primary E-mail Address	
Secondary E-mail Address	
Vendor Signature	
Title	
Print Name	
Date	

For more information, call 1-866-380-9580 or visit www.duke-energy.com.

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 1-513-419-5572.

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 an/or billing history for other utilities as required):

Account Number	Annual Usage	Account Number	Annual Usage
3790-3704-01			

Self Direct rebates are available for completed Custom projects that have not previously received a Duke Energy Smart Saver® 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 Saver 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 Saver 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.

Application Type	Replaced equipment at end of lifetime or because equipment failed**	Replaced fully operational equipment to improve efficiency***	New Construction
Lighting	MSD Custom Part 1 <input type="checkbox"/> Custom Lighting Worksheet <input type="checkbox"/>	MSD Prescriptive Lighting <input type="checkbox"/>	MSD Prescriptive Lighting <input type="checkbox"/>
		MSD Custom Part 1 <input type="checkbox"/> Custom Lighting Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> Custom Lighting Worksheet <input type="checkbox"/>
Heating & Cooling	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Heating & Cooling <input type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
Window Films, Programmable Thermostats, & Guest Room Energy Management Systems	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/>	MSD Prescriptive Heating & Cooling <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General and/or EMS Worksheet(s) <input type="checkbox"/>
Chillers & Thermal Storage	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Chillers & Thermal Storage <input type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
Motors & Pumps	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Motors, Pumps & Drives <input checked="" type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
VFDs	Not Applicable	MSD Prescriptive Motors, Pumps & Drives <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom VFD Worksheet <input type="checkbox"/>
		MSD Custom Part 1 <input type="checkbox"/> MSD Custom VFD Worksheet <input type="checkbox"/>	
Food Service	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Food Service <input type="checkbox"/>
			MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
Process	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	MSD Prescriptive Process <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>
		MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>	
Energy Management Systems	MSD Custom Part 1 <input type="checkbox"/> MSD Custom EMS Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom EMS Worksheet <input type="checkbox"/>	MSD Custom Part 1 <input type="checkbox"/> MSD Custom EMS Worksheet <input type="checkbox"/>
Behavioral*** & No/Low Cost	MSD Custom Part 1 <input type="checkbox"/> MSD Custom General Worksheet <input type="checkbox"/>		

** Under the Self Direct program, failed equipment and equipment at the end of its useful life are evaluated differently than early replacement of fully functioning equipment. **All equipment replacements due to failure or old age will be evaluated via the Custom program.**

*** Please ensure that you include the age of the replaced equipment for measures classified as "Early Replacement" in your application as well as the estimated date that you would have otherwise replaced the existing equipment if you had not chosen a more energy efficient option.

**** Behavioral energy efficiency and demand reduction projects must be both measurable and verifiable. Provide justification with your application.



MERCANTILE SELF DIRECT Ohio Premium Motor/Pump/VFD Incentive 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 513-419-5572.

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

<input type="checkbox"/> Data Centers	<input type="checkbox"/> Full Service Restaurant	<input type="checkbox"/> Office
<input checked="" type="checkbox"/> Education/K-12	<input type="checkbox"/> Healthcare	<input type="checkbox"/> Public Assembly
<input type="checkbox"/> Education Other	<input 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:		
<input type="checkbox"/> Duke Energy Representative	<input type="checkbox"/> Web Site	<input type="checkbox"/> Radio
<input checked="" 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 checked="" type="checkbox"/> Invoice with make, model number, quantity and equipment manufacturer	<input checked="" type="checkbox"/> Tax ID number for payee	<input checked="" type="checkbox"/> Customer/vendor agree to Terms and Conditions
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Customer/Business	Cincinnati Public Schools	Contact	Don Elbe
Phone	614-580-3352	Account Number	3790-3704-01
Street Address (Where incentive should be mailed)	2651 Burnett Ave		
City	Cincinnati	State	OH
		Zip Code	45219
Installation Street Address	1908 Seymour Ave		
City	Cincinnati	State	OH
		Zip Code	45237
E-mail Address			

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

Vendor	Plug Smart	Contact	Lucas Dixon
Phone	614-580-3352	Fax	1-800-518-5576
Street Address	1275 Kinnear Road Suite 229		
City	Columbus	State	OH
		Zip Code	43212
E-mail Address	lucas.dixon@plugsmart.com		

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

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 #	31-6000758
	Vendor Tax ID #	26-2368277

I have read and hereby agree to the Terms & Conditions and Program Requirements.

Customer Signature	<i>Don Elbe</i>	Vendor Signature	
Date	7-3-12	Date	
Title	Utility Mgmt. Coord.	Title	

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.



Motor incentives will be removed from the Prescriptive Program effective March 31, 2011. To qualify for the current incentives, motors must be purchased by March 31, 2011 and installed by June 30, 2011. Applications must be received by September 30, 2011.

Certain motors will still be eligible for incentives using the custom program. Please refer to the Duke Energy Mercantile Self Direct website for further detail.

The Equipment below is (check one): New Equipment / New Construction
 Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

Motor											
Motor	Make/Model or Catalog #	Quantity	Type	RPM	Incentive	HP	Installed Nominal Efficiency*	Annual Operating Hrs (Minimum of 2000)	Equipment Cost	Date Installed and Operable (mm/yy)	Total Incentive
1-5 HP			<input type="checkbox"/> OPEN <input type="checkbox"/> TEFC	<input type="checkbox"/> 1200 <input type="checkbox"/> 1800 <input type="checkbox"/> 3600	\$5/HP	HP	%	Hrs			
7.5-20 HP	Baldor EM3313T	1	<input checked="" type="checkbox"/> OPEN <input type="checkbox"/> TEFC	<input type="checkbox"/> 1200 <input checked="" type="checkbox"/> 1800 <input type="checkbox"/> 3600	\$4/HP	10HP	91.7%	2800Hrs	\$467.76	8/10	\$40.00
25-100 HP	Baldor EM2531T	3	<input checked="" type="checkbox"/> OPEN <input type="checkbox"/> TEFC	<input type="checkbox"/> 1200 <input checked="" type="checkbox"/> 1800 <input type="checkbox"/> 3600	\$2.50/HP	25HP	94.1%	2800Hrs	\$4,318.83	8/10	\$187.50
125 – 250 HP			<input type="checkbox"/> OPEN <input type="checkbox"/> TEFC	<input type="checkbox"/> 1200 <input type="checkbox"/> 1800 <input type="checkbox"/> 3600	\$2/HP	HP	%	Hrs			

* See page four for required efficiency levels for motors.

*Incentive capped at 50% of project cost (equipment and external labor).

- Qualifying motors must be three-phase open drip (ODP) or totally enclosed fan cooled (TEFC) units with nominal speeds of 1200, 1800, or 3600 RPM.
- Efficiencies are to be full-load nominal efficiencies tested in accordance with IEE Standards 112, Method B. Please refer to attached table to determine qualifying efficiencies.
- Installed equipment must be new. Used, rebuilt or rewound equipment is **not** eligible.
- Motor shall be squirrel cage design and conform to NEMA Premium design A, B or C torque characteristics.
- Motor/pump load must be served by Duke Energy and installed in customer's facility.
- Replaced motors shall be disposed of or recycled (not to be resold or rewound).
- Motor(s) and pump(s) must operate a minimum of 2000 hours annually to be eligible.

The Equipment below is (check one): New Equipment / New Construction

Early replacement of existing equipment or replacement of failed equipment must apply for Self Direct Custom program.

High Efficiency Pumps								
Pump	Make/Model or Catalog #	Quantity	Incentive	Installed Nominal Efficiency* (pump curve)	Annual Operating Hrs (Minimum of 2000)	Equipment Cost	Date Installed and Operable (mm/yy)	Total Incentive
1.5 HP			\$61.00/PUMP	%	Hrs			
2 HP			\$87.50.00/PUMP	%	Hrs			
3 HP			\$87.50/PUMP	%	Hrs			
5 HP			\$85.00./PUMP	%	Hrs			
7.5 HP			\$124.50/PUMP	%	Hrs			
10 HP			\$82.50.00/PUMP	%	Hrs			
15 HP			\$145.00/PUMP	%	Hrs			
20 HP			\$200.00/PUMP	%	Hrs			
* See on page four for required efficiency levels for pumps. Pump curves are required.								

*Incentive capped at 50% of project cost (equipment and external labor).

- Installed equipment must be new. Used, rebuilt or rewound equipment is **not** eligible.
- Motor/pump load must be served by Duke Energy and installed in customer's facility.
- Pump efficiency is based on the design point on the pump curve. Documentation of the pump curve is required to receive an incentive.
- The pump efficiency at the design point on the pump curve must meet nominal efficiencies as stated in table on page 4.
- Duplicative to the first bullet point.

The Equipment below is (check one): Retrofit
 Replacement of failed equipment or new construction is not eligible for incentives.

Variable Frequency Drives (VFDs) – For Process Fluid Pumping Only (Retrofit* Application only)							
Process pumping <u>does not</u> include HVAC or swimming pool fluid pumping systems.							
List Process Pumping Application							
VFD**	Make/Model or Catalog #	Quantity	Incentive***	Annual Operating Hrs (Minimum of 2000)	Project Cost	Date Installed and Operable (mm/yy)	Total Incentive
5 HP			\$20.00/HP	Hrs			
7.5 HP			\$20.00/HP	Hrs			
10 HP			\$20.00/HP	Hrs			
15 HP			\$20.00/HP	Hrs			
20 HP			\$20.00/HP	Hrs			
25 HP			\$20.00/HP	Hrs			
30 HP			\$20.00/HP	Hrs			
40 HP			\$20.00/HP	Hrs			
50 HP			\$20.00/HP	Hrs			
<p>*Retrofit only – incentives are only available for new VFDs installed on existing fluid process pump systems.</p> <p>** VFDs over 50 HP and VFDs on new equipment are not eligible for prescriptive incentives, but may qualify through the custom program. Please refer to the custom webpage for guidance.</p> <p>***Incentives are capped at 50% of project cost (equipment and external labor).</p>							

- Installed equipment must be new. Used, rebuilt or rewound equipment is **not** eligible.
- Variable Frequency Drive Fans & Pumps qualifying equipment must have 2000 annual run hours or more.
- A 3% impedance reactor on the AC input to the VSD is recommended to prevent damage to the VSD due to overvoltage from power factor correction and should be properly sized by your supplier. A 5% reactor may be recommended if there is additional harmonic distortion on the AC input lines due to other plant-specific causes.
- VFDs on new equipment do not qualify under this program; but may qualify through the custom program. Please refer to the Custom website for guidance. Incentives will be paid for the installation of **NEW** VFDs on existing fan/pump systems and process equipment only.
- Replacement of existing VFDs does not qualify for incentives.
- VFDs installed on redundant pumps do not qualify.
- VFDs installed in newly constructed facilities do not qualify for incentives.
- VFD speed must be automatically controlled by differential pressure, flow, temperature, or other variable signal.
- Existing throttling devices including inlet vanes, bypass dampers, and throttling valves must be removed or permanently disabled.
- . Duplicative to the first bullet point.

The Equipment below is (check one): Retrofit
 Replacement of failed equipment or new construction is not eligible for incentives.

Variable Frequency Drives (VFDs) – Applied to HVAC Fans Only (Retrofit* Application only)							
VFD HVAC Applications (please check one):							
<input type="checkbox"/> Supply Fan		<input type="checkbox"/> Cooling Tower Fan			<input type="checkbox"/> Return Fan		
<input type="checkbox"/> Exhaust Fan							
VFD**	Make/Model or Catalog #	Quantity	Incentive***	Annual Operating Hrs (Minimum of 2000)	Project Cost	Date Installed and Operable (mm/yy)	Total Incentive
1.5 HP			\$50.00/HP	Hrs			
2 HP			\$50.00/HP	Hrs			
3 HP			\$50.00/HP	Hrs			
5 HP			\$50.00/HP	Hrs			
7.5 HP			\$50.00/HP	Hrs			
10 HP			\$50.00/HP	Hrs			
15 HP			\$50.00/HP	Hrs			
20 HP			\$50.00/HP	Hrs			
25 HP			\$50.00/HP	Hrs			
30 HP			\$50.00/HP	Hrs			
40 HP			\$50.00/HP	Hrs			
50 HP			\$50.00/HP	Hrs			
<p>* Retrofit only – incentives are only available for new VFDs installed on existing HVAC fan systems. **VFDs over 50 HP and VFD's on new equipment are not eligible for prescriptive incentives, but may qualify through the custom program. ***Incentives are capped at 50% of project cost (equipment and external labor).</p>							

- Installed equipment must be new. Used, rebuilt or rewound equipment is **not** eligible.
- Variable Frequency Drive Fans & Pumps qualifying equipment must have 2000 annual run hours or more.
- A 3% impedance reactor on the AC input to the VSD is recommended to prevent damage to the VSD due to overvoltage from power factor correction and should be properly sized by your supplier. A 5% reactor may be recommended if there is additional harmonic distortion on the AC input lines due to other plant-specific causes.
- VFDs on new equipment do not qualify under this program; but may qualify through the custom program. Please refer to the Custom website for guidance. Incentives will be paid for the installation of **NEW** VFDs on existing fan/pump systems and process equipment only.
- Replacement of existing VFDs does not qualify for incentives.
- VFDs installed on redundant pumps do not qualify.
- VFDs installed in newly constructed facilities do not qualify for incentives.
- VFD speed must be automatically controlled by differential pressure, flow, temperature, or other variable signal.
- Existing throttling devices including inlet vanes, bypass dampers, and throttling valves must be removed or permanently disabled.
- Duplicative to the first bullet point.

The Equipment below is (check one): Retrofit
 Replacement of failed equipment or new construction is not eligible for incentives.

Variable Frequency Drives (VFDs) – Applied to HVAC Pumps Only (Retrofit* Application only)							
VFD HVAC Applications (please check one):							
<input type="checkbox"/> Chilled Water Pump		<input type="checkbox"/> Condenser Pump			<input type="checkbox"/> Hot Water Pump		
VFD**	Make/Model or Catalog #	Quantity	Incentive***	Annual Operating Hrs (Minimum of 2000)	Project Cost	Date Installed and Operable (mm/yy)	Total Incentive
1.5 HP			\$50.00/HP	Hrs			
2 HP			\$50.00/HP	Hrs			
3 HP			\$50.00/HP	Hrs			
5 HP			\$50.00/HP	Hrs			
7.5 HP			\$50.00/HP	Hrs			
10 HP			\$50.00/HP	Hrs			
15 HP			\$50.00/HP	Hrs			
20 HP			\$50.00/HP	Hrs			
25 HP			\$50.00/HP	Hrs			
30 HP			\$50.00/HP	Hrs			
40 HP			\$50.00/HP	Hrs			
50 HP			\$50.00/HP	Hrs			
<p>* Retrofit only – incentives are only available for new VFDs installed on existing HVAC pumps systems. **VFDs over 50 HP and VFDs on new equipment are not eligible for prescriptive incentives, but may qualify through the custom program. Please refer to the custom webpage for guidance. ***Incentives are capped at 50% of project cost (equipment and external labor).</p>							

- Installed equipment must be new. Used, rebuilt or rewound equipment is **not** eligible.
- Variable Frequency Drive Fans & Pumps qualifying equipment must have 2000 annual run hours or more.
- A 3% impedance reactor on the AC input to the VSD is recommended to prevent damage to the VSD due to overvoltage from power factor correction and should be properly sized by your supplier. A 5% reactor may be recommended if there is additional harmonic distortion on the AC input lines due to other plant-specific causes.
- VFDs on new equipment do not qualify under this program; but may qualify through the custom program. Please refer to the Custom website for guidance. Incentives will be paid for the installation of **NEW** VFDs on existing fan/pump systems and process equipment only.
- Replacement of existing VFDs does not qualify for incentives.
- VFDs installed on redundant pumps do not qualify.
- VFDs installed in newly constructed facilities do not qualify for incentives.
- VFD speed must be automatically controlled by differential pressure, flow, temperature, or other variable signal.
- Existing throttling devices including inlet vanes, bypass dampers, and throttling valves must be removed or permanently disabled.
- . Duplicative to the first bullet point.

Efficiencies for Premium Motor/Pump Measures

Nominal Efficiencies for "NEMA Premium" Induction Motors Rated 600 volts or less (random wound)						
HP	Open Drip Proof			Totally Enclosed Fan-Cooled		
	1200 RPM	1800 RPM	3600 RPM	1200 RPM	1800 RPM	3600 RPM
1	82.5	85.5	77.0	82.5	85.5	77.0
1.5	86.5	86.5	84.0	87.5	86.5	84.0
2	87.5	86.5	85.5	88.5	86.5	85.5
3	88.5	89.5	85.5	89.5	89.5	86.5
5	89.5	89.5	86.5	89.5	89.5	88.5
7.5	90.2	91.0	88.5	91.0	91.7	89.5
10	91.7	91.7	89.5	91.0	91.7	90.2
15	91.7	93.0	90.2	91.7	92.4	91.0
20	92.4	93.0	91.0	91.7	93.0	91.0
25	93.0	93.6	91.7	93.0	93.6	91.7
30	93.6	94.1	91.7	93.0	93.6	91.7
40	94.1	94.1	92.4	94.1	94.1	92.4
50	94.1	94.5	93.0	94.1	94.5	93.0
60	94.5	95.0	93.6	94.5	95.0	93.6
75	94.5	95.0	93.6	94.5	95.4	93.6
100	95.0	95.4	93.6	95.0	95.4	94.1
125	95.0	95.4	94.1	95.0	95.4	95.0
150	95.4	95.8	94.1	95.8	95.8	95.0
200	95.4	95.8	95.0	95.8	96.2	95.4
250	95.4	95.8	95.0	95.8	96.2	95.8

Nominal Efficiencies for Pumps	
HP	Efficiency
1.5	efficiency of 65% or more for system
2	efficiency of 65% or more for system
3	efficiency of 67% or more for system
5	efficiency of 70% or more for system
7.5	efficiency of 73% or more for system
10	efficiency of 75% or more for system
15	efficiency of 77% or more for system
20	efficiency of 77% or more for system

Program Requirements

Incentive Eligibility

- Incentives are only available to customers on a 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 any time.
- Customer may assign the incentive to the vendor who installed/supplied the equipment. The customer's signature is required in the Payment Information section on page 1 of 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.
- Leased equipment is eligible for incentives providing the equipment meets the program requirements and the customer provides the required documentation noted on the Incentive Application Process page of this application.
- Any equipment which, either separately or as part of a project, has or will receive an incentive from any other Duke Energy program is ineligible.
- In no case will Duke Energy pay an incentive above the actual cost of the new equipment.
- 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 nor for any damage caused 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 513-419-5572.
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.

Mercantile Self Direct Incentive Program Requirements for Vendor Participation

Program Overview

- Duke Energy offers its eligible non-residential customers the opportunity to increase profitability through energy cost savings and contribute to a cleaner environment by participating in our Mercantile Self Direct Incentive Program.
- Under the Duke Energy Mercantile Self Direct Incentive Program, Vendor is defined as any third party who:
 - Promotes the sale and installation of the high efficiency equipment for the customer. The Vendor will ensure that the eligible equipment is installed and operating before submitting the application or assisting the customer in completing the application.
 - Is responsible for the product sale only and is not required to ensure installation of the eligible equipment.
- All license requirements, if any, are solely the Vendor's responsibility. Participating Vendors include equipment contractors, equipment Vendors, equipment manufacturers and distributors, energy service companies, etc. The typical Vendor role is to contact/solicit eligible customers building new or retrofitting existing facilities and encourage the installation of the energy-efficient equipment offered in Duke Energy's program.
- Incentives are paid directly to customers unless the customer assigns the incentive to the Vendor. The assigned incentive must reduce the purchase price paid for the equipment by an equivalent amount. Incentives are taxable to the entity who receives the rebate check. Rebates greater than \$600 will be reported to the IRS unless documentation of tax exempt status is provided.
- Vendors may not represent to customers that Duke Energy endorses their specific products or services. Duke Energy does not endorse specific products, services, or companies – only energy-efficient technologies.
- Vendors may advise customers of their option to have Duke Energy make their rebate check(s) payable to the Vendor if the customer's rebate amount is being deducted from the total sale price in advance. The customer must complete and sign the Payment Release Authorization section of the Mercantile Self Direct Incentive Program Application.
- Vendors may use the words "Duke Energy's Mercantile Self Direct Incentive Program" in promotional materials or advertisements. Vendors may use the name Duke Energy in a text format to describe the Mercantile Self Direct Incentive Program, but are not permitted to use Duke Energy's logos.
- For Vendors who properly install the qualifying equipment, the equipment shall be installed and operating prior to an application being submitted. A percentage of each Vendor's installations will be subject to inspection by Duke Energy for verifying that the equipment is installed and operating. Vendors demonstrating high failure rates (based on a statistically significant sample) will have 100% of subsequent jobs inspected or may have their participation in the Mercantile Self Direct Incentive Program revoked by Duke Energy in its sole discretion.
- Vendors shall provide customers with applicable equipment warranty information for all measures installed. Vendors shall provide the required documentation for customers to apply for the rebate (invoices with model numbers and quantities, specification sheets for installed equipment, etc.) and assist customers in filling out the application.
- Vendors shall comply with all applicable local, state, and federal laws and codes when performing installation and related functions.
- Duke Energy reserves the right to revoke a Vendor's participation in Mercantile Self Direct Incentive Program if, in Duke Energy's sole judgment, the Vendor fails to comply with the program's guidelines and requirements.
- Mercantile Self Direct Incentive Program offerings may be modified or terminated without prior notice. Check Duke Energy's Web site for current program status.

Vendors can sign up to be on Duke Energy's Web site as a participating Vendor and be added to Duke Energy's e-mail distribution by emailing the Vendor Participation Agreement (VPA) to SelfDirect@duke-energy.com or faxing to **513-419-5572**.

Guidelines for Vendor Activities

- Vendors shall sign and return the attached VPA to Duke Energy prior to soliciting customer participation or when submitting an application. Rebate payments will not be released to a Vendor unless a signed VPA is on file.
- Vendors shall not misrepresent the nature of their role in the program. In particular, Vendors shall not state or imply to customers, or any persons, that the Vendor is employed by or working on Duke Energy's behalf.

For more information, call **1-866.380.9580** or visit www.duke-energy.com.



Mercantile Self Direct Rebate Program

Technology	Responsible for sales and not installs*	Responsible for sales and Installation*	Technology	Responsible for sales and not installs*	Responsible for sales and Installation*
Lighting	<input type="checkbox"/>	<input type="checkbox"/>	Thermal Storage	<input type="checkbox"/>	<input type="checkbox"/>
Heating Ventilation & Cooling	<input type="checkbox"/>	<input type="checkbox"/>	Pumps/Motors/VFDs	<input type="checkbox"/>	<input type="checkbox"/>
Food Service	<input type="checkbox"/>	<input type="checkbox"/>	Chillers	<input type="checkbox"/>	<input type="checkbox"/>
Water Heating	<input type="checkbox"/>	<input type="checkbox"/>	Refrigeration	<input type="checkbox"/>	<input type="checkbox"/>
Process Equipment (air compressors, injection molding, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	Window Film	<input type="checkbox"/>	<input type="checkbox"/>

* Check all that apply

Vendors who wish to be listed as a Mercantile Self Direct Incentive Program participating Vendor shall complete this form. A signed copy of this form must be on file at Duke Energy in order for the Vendor to receive incentive payments. Fax form to **513-419-5572** or email to SelfDirect@duke-energy.com.

I have read and understand the Mercantile Self Direct Incentive Program Requirements for Vendor Participation, and I agree to comply with all requirements set forth therein. By signing this agreement, I agree to provide my customers with information and documentation that is true and accurate to the best of my knowledge. I hereby represent and warrant that the Tax ID and Vendor Tax Status provided below are true and accurate. I agree that any confidential information concerning my customer, including but not limited to Duke Energy service account information, will be used for the sole purpose of facilitating the customer's participation in the Mercantile Self Direct Incentive Program. Further, I understand that I am responsible for making sure everyone working for me understands the requirements prior to soliciting customer participation.

Vendor Federal Tax ID Number	
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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 third-party vendor. The third-party vendor is responsible for mailing the 1099 form at the end of the calendar year for tax filing. Duke Energy and the third-party vendor have signed 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.

Vendor Tax Status	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual/Sole Proprietor	<input type="checkbox"/> Partnership	<input type="checkbox"/> Other
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Contact me via	<input type="checkbox"/> Phone	<input type="checkbox"/> E-Mail	<input type="checkbox"/> Mail	
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Company Name	
Mailing Address	
City, State, Zip	
Phone/Fax	
Primary E-mail Address	
Secondary E-mail Address	
Vendor Signature	
Title	
Print Name	
Date	

For more information, call 1-866-380-9580 or visit www.duke-energy.com.

May 30, 2012



To whom it may concern:

This letter is to confirm that for the new construction of Cincinnati Public school Academy of Multilingual Immersion Studies (AMIS) (1908 Seymour Avenue Cincinnati OH 45237), for the custom rebate application, the lighting project and heat recovery wheels were installed with a minimum unit cost listed below.

DESCRIPTION	QUANTITY	PRICE/FIXTURE	AMOUNT
CH1 - Columbia KL4-232-EPU-GLR	9	\$101.10	\$909.90
CH2 - Columbia KL8-232-EPU-GLR	24	\$178.70	\$4288.80
CL3 - Kenall MLHA8-48-R-MW-CP-232	20	\$260.00	\$5200.00
CL4 - Lithonia LB-232-MVOLT-GEB10RS	2	\$108.37	\$216.74
CL5 - Columbia LHV4-632-M4R-ST-24EPU-GLR	24	\$174.99	\$4199.76
CV1 - Lithonia TSS-132-MVOLT-GEB10RS	34	\$221.02	\$7514.68
R1 - Columbia 4PS24-332G-FSA	268	\$118.80	\$31784.80
R2 - Columbia 4PS24-232G-FSA	51	\$91.20	\$4651.20
R3 - Columbia 4PS24-332G-FSA	203	\$118.60	\$24075.80
R4 - Lithonia 2PM3N-G-B-332-18LS-MVOLT	8	\$94.03	\$752.24
R5 - Lithonia 2PM3N-G-B-332-18LS-MVOLT	6	\$94.03	\$564.18
R6 - Columbia 4PS24-332G-FSA	15	\$118.60	\$1779.00
R7 - Gotham AFV 32TTB	62	\$49.95	\$3096.90
S2A - Philips KAR12-42PLT-AL-OP-C-FLD-U	10	\$403.45	\$4034.50
S3 - Prescolite CF8P36TEB	18	\$96.00	\$1728.00
S4 - Pinnacle EX4B-232	75	\$146.85	\$11013.75
W2 - Lithonia WC-232-A12125-MVOLT-GEB10RS	22	\$94.29	\$2074.38
W4 - Kenall MLHA8-48-R-MW-CP-232-RB-1-DV	4	\$260.00	\$1040.00
McQuay ECW 604	1	\$8000	\$8000
McQuay ECW 484	1	\$8000	\$8000
Novelaire Technologies ECW 844	1	\$8000	\$8000

TOTAL	\$132924.63
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This is also to confirm that for the new construction of **Academy of Multilingual Immersion Studies (AMIS) (1908 Seymour Avenue Cincinnati OH 45237)**, for the prescriptive rebate application, occupancy sensors, premium efficiency motors, and a chiller were installed with a minimum unit cost listed below.

DESCRIPTION	Model Number	QUANTITY	Nominal Size (Tons)	PRICE/FIXTURE	AMOUNT
Wall Mounted Occupancy Sensors	Hubbell LODT	66	-	\$75.33	\$491.78
Ceiling Mounted Occupancy Sensors	Hubbell OMNIUS500, OMNI-DT2000	34	-	\$113.19	\$3848.46
Premium Efficiency Motor	Baldor EM2539T-40hp	1	-	\$2588.30	\$2588.30
Premium Efficiency Motor	Baldor EM2531T-25hp	3	-	\$1439.61	\$4318.83
Premium Efficiency Motor	Baldor EM2513T-15hp	1	-	\$1065.10	\$1065.10
Premium Efficiency Motor	Baldor EM3313T-10hp	1	-	\$467.76	\$467.76
Air Cooled Screw Chiller	JC YCIV0157E	1	150	\$140,000	\$140,000

TOTAL	\$157,260.23
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Thank you for your attention to this matter,

Don Elbe 7-3-12

Don Elbe
Utility Management Coordinator

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER:
Cincinnati Public Schools
2315 Iwoa Avenue
Cincinnati, Ohio 45206

PROJECT:
CPS AMIS ACADEMY OF MULTILINGUAL IMMERSION STUDIES
1908 SEYMOUR AVENUE
Cincinnati, Ohio 45237

APPLICATION No: 20 retainage
PERIOD TO: 11/30/10
PROJECT NOS:
CONTRACT DATE:

PO# 548436
8/6/2011

FROM CONTRACTOR:
BEACON ELECTRIC COMPANY
7815 REDSKY DRIVE
CINCINNATI, OHIO 45249

VIA ARCHITECT:
GBBN ARCHITECTS INC.
332 E. 8TH STREET
CINCINNATI, OHIO 45202



Maureen L. Merkel
MAUREEN L. MERKEL
Notary Public, State of Ohio
My Commission Expires
July 8, 2013

CONTRACT FOR: AMIS ACADEMY OF MULTILINGUAL IMMERSION STUDIES

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment as shown below, in connection with the Contract
Continuation sheet is attached.

1. ORIGINAL CONTRACT SUM.....\$	\$	1,304,900.00
2. Net Change by Change Orders.....\$	\$	86,067.00
3. CONTRACT SUM TO DATE.....\$	\$	1,390,967.00
4. TOTAL COMPLETED & STORED TO DATE.....\$	\$	1,390,967.00
5. RETAINAGE		
a. 8-50% of Completed Labor.....\$	0.00	
b. 8% of Stored Material.....\$	0.00	
Total Retainage.....\$	\$	-
6. TOTAL EARNED LESS RETAINAGE.....\$	\$	1,390,967.00
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT.....\$	\$	1,370,589.72
8. CURRENT PAYMENT DUE.....\$	\$	20,377.28*
9. BALANCE TO FINISH, INCLUDING RETAINAGE.....\$	\$	-

The Contractor certified that the work covered by this pay request has been completed in accordance with the Contract Documents and that all progress payments previously paid by the State have been applied by the Contractor to discharge in full all of Contractor's obligations incurred in connection with the work covered by all prior pay requests.

Contractor

12-21-10
Date

Based upon on-site observations, the firm affirms that the work has progressed to the percentage of completeness indicated on the pay request.

Architect

05-24-11
Date

Construction Manager

5-20-11
Date

Approved:
School District Treasurer

5/24/11
Date

School District Treasurer

6/29/11
Date

Change Order/Contract	ADDITIONS	DEDUCTIONS
Total Changes approved in Previous months by Owner	\$ 68,825.00	
Total approved this month	17242.00	
TOTALS	\$ 86,067.00	
NET CHANGES by Change Order	\$ 86,067.00	

Contractor Pay Application

* Bony to pay \$12,572.00 Alas 2030262
* CPS to pay \$7,805.28 PO# 548436



Committed to Quality, Service and Customer Satisfaction.

COMPLETION NOTICE

Date: February 7, 2011

The Bank of New York Trust Company, N.A.
Attn: Chris Pastura
525 Vine St., Suite 900
Cincinnati, Ohio 45202
Fax: (513) 721-3240

Re: Retainage Escrow Agreement dated as of August 22, 2005

In accordance with Section 4(a) of the Retainage Escrow Agreement, please accept this notice as instruction to release the following amount(s) held in escrow, plus accrued interest and/or other investment income earned on such amount(s):

Contractor Name, Address & Tax ID Number Contract Number Amount to Release

Beacon Electric Company 38-01962-145581-D161R-548436 \$ 12,572.00
7815 Redsky Drive
Cincinnati, Ohio 45249

Acct # 209989
8/6/05/11

This authorization does not constitute a waiver of any right of the Owner against the Contractor in the event of any omissions, defects or other problems with the work or material provided by the Contractor are subsequently discovered or determined to be more severe.

Board of Education of the Cincinnati City School District, as Owner

By: Jonathan Boyd
Printed Name: Jonathan Boyd

Contractor
By: Michael B. Compton
Printed Name: Michael B. Compton
Project Manager



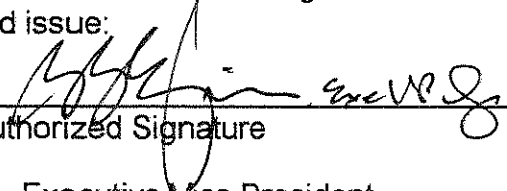
Committed to Quality, Service and Customer Satisfaction.

INCUMBENCY CERTIFICATE

To: The Bank of New York Trust Company, N.A.
Attn: Chris Pastura
525 Vine St., Suite 900
Cincinnati, Ohio 45202

Re: Cincinnati Public School District 2005 Retainage Escrow

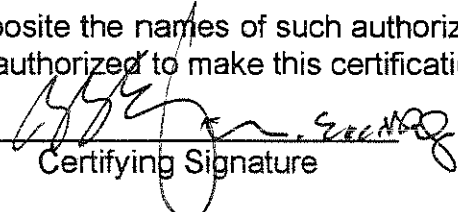
In conjunction with accounts administered in your Corporate Trust department, I hereby certify that the following persons are authorized to give instructions and directions on behalf of the above referenced issue:

<u>David B. Earlywine</u>	
Name	Authorized Signature
<u>513-851-0711</u>	<u>Executive Vice President</u>
Phone Number	Title

_____	_____
Name	Authorized Signature
_____	_____
Phone Number	Title

_____	_____
Name	Authorized Signature
_____	_____
Phone Number	Title

I further certify that the signatures opposite the names of such authorized persons are their correct signatures and that I am authorized to make this certification.

<u>2/28/2011</u>	
Date	Certifying Signature
	<u>Executive Vice President</u>
	Corporate Title or Capacity



May 24, 2011

Angie Tolle
Cincinnati Public Schools
2315 Iowa Avenue
Cincinnati, OH 45206

Invoice date
MAY 20 2011

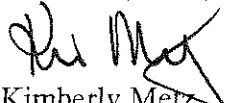
Dear Angie:

Attached is Pay Application for the AMIS School, please process payment for the June 17, 2011 check distribution.

Contractor	Application #	Monthly Billing	Total Billing To Date	Contract Amount to Date
BP# 3&5 Feldkamp	#20	\$ 30,266.80 ✓	\$1,261,318.00	\$1,261,318.00
BP#6 Beacon	#20	\$ 20,377.28 ✓	\$1,390,967.00	\$1,390,967.00

Please call if you have any questions.

Sincerely,
TURNER/DAG/TYS


Kimberly Metz
Accountant

Attachments

cc: Steve Karoly – GBBN Architects
Randy Newton - Turner/DAG/TYS
File 00250 -14591MA

T:PROJECTS/AMIS/00250 Pay Application/2011-05-24 Combined Pay app.doc

ITEM NUMBER	DESCRIPTION OF WORK		SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED	TOTAL COMPLETED & STORED TO DATE	%	BALANCE TO FINISH	RETAINAGE
				PREVIOUS APPS.	THIS PERIOD					
				\$ -	-	0.00	\$ -	0.00%	0.00	\$ -
				\$ -	-	0.00	\$ -	0.00%	0.00	\$ -
				\$ -	-	0.00	\$ -	0.00%	0.00	\$ -
				\$ -	-	0.00	\$ -	0.00%	0.00	\$ -
	Area A 2nd Floor									
39	ELECTRICAL EQUIPMENT	MATERIAL	\$ 975.00	975.00	\$ -	0.00	\$ 975.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
40	ELECTRICAL EQUIPMENT	LABOR	\$ 675.00	675.00	\$ -	0.00	\$ 675.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
41	BRCH/FEEDER-CONDUIT	MATERIAL	\$ 786.00	786.00	\$ -	0.00	\$ 786.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
42	BRCH/FEEDER-CONDUIT	LABOR	\$ 594.00	594.00	\$ -	0.00	\$ 594.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
43	BRANCH/FEEDER-WIRE	MATERIAL	\$ 1,282.00	1,282.00	\$ -	0.00	\$ 1,282.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
44	BRANCH/FEEDER-WIRE	LABOR	\$ 1,176.00	1,176.00	\$ -	0.00	\$ 1,176.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
45	LIGHT FIXTURES	MATERIAL	\$ 1,975.00	1,975.00	\$ -	0.00	\$ 1,975.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
46	LIGHT FIXTURES	LABOR	\$ 680.00	680.00	\$ -	0.00	\$ 680.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
47	DEVICES/EQUIPMENT	MATERIAL	\$ 535.00	535.00	\$ -	0.00	\$ 535.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
48	DEVICES/EQUIPMENT	LABOR	\$ 382.00	382.00	\$ -	0.00	\$ 382.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
	Area B 2nd Floor									
49	ELECTRICAL EQUIPMENT	MATERIAL	\$ 6,894.00	6,894.00	\$ -	0.00	\$ 6,894.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
50	ELECTRICAL EQUIPMENT	LABOR	\$ 3,735.00	3,735.00	\$ -	0.00	\$ 3,735.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
51	BRCH/FEEDER-CONDUIT	MATERIAL	\$ 47,166.00	47,166.00	\$ -	0.00	\$ 47,166.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
52	BRCH/FEEDER-CONDUIT	LABOR	\$ 15,293.00	15,293.00	\$ -	0.00	\$ 15,293.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
53	BRANCH/FEEDER-WIRE	MATERIAL	\$ 9,666.00	9,666.00	\$ -	0.00	\$ 9,666.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
54	BRANCH/FEEDER-WIRE	LABOR	\$ 8,915.00	8,915.00	\$ -	0.00	\$ 8,915.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
55	LIGHT FIXTURES	MATERIAL	\$ 20,414.00	20,414.00	\$ -	0.00	\$ 20,414.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
56	LIGHT FIXTURES	LABOR	\$ 5,800.00	5,800.00	\$ -	0.00	\$ 5,800.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
57	DEVICES/EQUIPMENT	MATERIAL	\$ 3,918.00	3,918.00	\$ -	0.00	\$ 3,918.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
58	DEVICES/EQUIPMENT	LABOR	\$ 1,824.00	1,824.00	\$ -	0.00	\$ 1,824.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
				\$ -	-	0.00	\$ -	0.00%	0.00	\$ -
				\$ -	-	0.00	\$ -	0.00%	0.00	\$ -
				\$ -	-	0.00	\$ -	0.00%	0.00	\$ -
				\$ -	-	0.00	\$ -	0.00%	0.00	\$ -
				\$ -	-	0.00	\$ -	0.00%	0.00	\$ -
				\$ -	-	0.00	\$ -	0.00%	0.00	\$ -
				\$ -	-	0.00	\$ -	0.00%	0.00	\$ -
				\$ -	-	0.00	\$ -	0.00%	0.00	\$ -
				\$ -	-	0.00	\$ -	0.00%	0.00	\$ -
				\$ -	-	0.00	\$ -	0.00%	0.00	\$ -
	SHEET LABOR SUBTOTAL		\$ 39,074.00	\$ 39,074.00	\$ -	\$ -	\$ 39,074.00		\$ -	\$ -
	SHEET MATERIAL SUBTOTAL		\$ 93,611.00	\$ 93,611.00	\$ -	\$ -	\$ 93,611.00	100.00%	\$ -	\$ -
	SUBTOTAL		\$ 132,685.00	\$ 132,685.00	\$ -	\$ -	\$ 132,685.00		\$ -	\$ -

CONTINUATION SHEET

APPLICATION NUMBER: 20 retainage

PERIOD TO: 11/30/10

AMIS

ITEM NUMBER	DESCRIPTION OF WORK		SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED	TOTAL COMPLETED & STORED TO DATE	%	BALANCE TO FINISH	RETAINAGE
				PREVIOUS APPS.	THIS PERIOD					
	Equip & Systems									
					\$ -	0.00	\$ -	0.00%	0.00	\$ -
					\$ -	0.00	\$ -	0.00%	0.00	\$ -
60	GENERATOR/ATS	LABOR	\$ 2,250.00	2,250.00	\$ -	0.00	\$ 2,250.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
61	WIRE BASKET TRAY	MATERIAL	\$ 7,345.00	7,345.00	\$ -	0.00	\$ 7,345.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
62	WIRE BASKET TRAY	LABOR	\$ 4,325.00	4,325.00	\$ -	0.00	\$ 4,325.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
63	FIRE ALARM	MATERIAL		0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
64	FIRE ALARM	LABOR	\$ 4,850.00	4,850.00	\$ -	0.00	\$ 4,850.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
65	271100 TELECOMM CABLING & 271128 UPS	MATERIAL	\$ 117,063.00	117,063.00	\$ -	0.00	\$ 117,063.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
66	271100 TELECOMM CABLING & 271128 UPS	LABOR	\$ 39,889.00	39,889.00	\$ -	0.00	\$ 39,889.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
67	272100 NETWORK ELECTRONICS	MATERIAL	\$ 54,675.00	54,675.00	\$ -	0.00	\$ 54,675.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
68	274116 VIDEO DISPLAY	MATERIAL	\$ 65,553.00	65,553.00	\$ -	0.00	\$ 65,553.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
69	274125 VIDEO DISTRIBUTION	MATERIAL	\$ 44,839.00	44,839.00	\$ -	0.00	\$ 44,839.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
70	274125 VIDEO DISTRIBUTION	LABOR	\$ 3,362.00	3,362.00	\$ -	0.00	\$ 3,362.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
71	275105 DINING SOUND	MATERIAL	\$ 19,974.00	19,974.00	\$ -	0.00	\$ 19,974.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
72	275107 GYM SOUND	MATERIAL	\$ 16,695.00	16,695.00	\$ -	0.00	\$ 16,695.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
73	275109 SOUND REINFORCEMENT	MATERIAL	\$ 39,923.00	39,923.00	\$ -	0.00	\$ 39,923.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
74	275109 SOUND REINFORCEMENT	LABOR	\$ 5,758.00	5,758.00	\$ -	0.00	\$ 5,758.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
75	2751111 MUSIC ROOM SOUND	MATERIAL	\$ 5,849.00	5,849.00	\$ -	0.00	\$ 5,849.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
76	275113 INTERCOM	MATERIAL	\$ 17,838.00	17,838.00	\$ -	0.00	\$ 17,838.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
77	275113 INTERCOM	LABOR	\$ 12,588.00	12,588.00	\$ -	0.00	\$ 12,588.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
78	275313 CLOCK SYSTEM	MATERIAL	\$ 13,333.00	13,333.00	\$ -	0.00	\$ 13,333.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
79	275313 CLOCK SYSTEM	LABOR	\$ 1,611.00	1,611.00	\$ -	0.00	\$ 1,611.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
80	281300 SECURITY & ACCESS CONTROL	MATERIAL	\$ 14,950.00	14,950.00	\$ -	0.00	\$ 14,950.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
82	281300 SECURITY & ACCESS CONTROL	LABOR	\$ 8,355.00	8,355.00	\$ -	0.00	\$ 8,355.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
83	282300 CCTV	MATERIAL	\$ 72,327.00	72,327.00	\$ -	0.00	\$ 72,327.00	100.00%	0.00	\$ -
				0.00	\$ -	0.00	\$ -	0.00%	0.00	\$ -
84	282300 CCTV	LABOR	\$ 7,576.00	7,576.00	\$ -	0.00	\$ 7,576.00	100.00%	0.00	\$ -
	SHEET LABOR SUBTOTAL		\$ 90,564.00	\$ 90,564.00	\$ -	\$ -	\$ 90,564.00	0.00	\$ -	\$ -
	SHEET MATERIAL SUBTOTAL		\$ 490,364.00	\$ 490,364.00	\$ -	\$ -	\$ 490,364.00	100.00%	\$ -	\$ -
	SUBTOTAL		\$ 580,928.00	\$ 580,928.00	\$ -	\$ -	\$ 580,928.00		\$ -	\$ -

CONTINUATION SHEET

0.00

93611.00

0.00 1/0/1900

AMS

ITEM NUMBER	DESCRIPTION OF WORK	SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED	TOTAL COMPLETED & STORED TO DATE	%	BALANCE TO FINISH	RETAINAGE
			PREVIOUS APPS.	THIS PERIOD					
				\$ -		\$ -	0.00%	\$ 0.00	\$ -
				\$ -		\$ -	0.00%	\$ 0.00	\$ -
85	CHANGE ORDER # 1	MATERIAL \$ -		0.00		0.00	100.00%	0.00	\$ -
86	CHANGE ORDER # 2	MATERIAL \$ 5,944.00		5,944.00		5,944.00	100.00%	0.00	\$ -
87	CHANGE ORDER # 3	MATERIAL \$ (800.00)		(800.00)		(800.00)	100.00%	0.00	\$ -
88	CHANGE ORDER # 4	MATERIAL \$ 24,138.00		24,138.00		24,138.00	100.00%	0.00	\$ -
89	CHANGE ORDER # 5	MATERIAL \$ 12,302.00		12,302.00		12,302.00	100.00%	0.00	\$ -
90	CHANGE ORDER # 6	MATERIAL \$ 22,424.00		22,424.00		22,424.00	100.00%	0.00	\$ -
91	CHANGE ORDER # 7	MATERIAL \$ 4,817.00		4,817.00		4,817.00	100.00%	0.00	\$ -
92	CHANGE ORDER # 8	MATERIAL \$ 4,234.00		4,234.00		4,234.00	100.00%	0.00	\$ -
93	CHANGE ORDER # 9	MATERIAL \$ 1,151.00		1,151.00		1,151.00	100.00%	0.00	\$ -
94	CHANGE ORDER # 10	MATERIAL \$ 183.00		183.00		183.00	100.00%	0.00	\$ -
95	CHANGE ORDER # 11	MATERIAL \$ 716.00		716.00		716.00	100.00%	0.00	\$ -
96	CHANGE ORDER # 12	MATERIAL \$ 606.00		606.00		606.00	100.00%	0.00	\$ -
97	CHANGE ORDER # 13	MATERIAL \$ 9,818.00		9,818.00		9,818.00	100.00%	0.00	\$ -
98	CHANGE ORDER # 14	MATERIAL \$ 23,638.00		23,638.00		23,638.00	100.00%	0.00	\$ -
99	CHANGE ORDER # 15	MATERIAL \$ (96.00)		(96.00)		(96.00)	100.00%	0.00	\$ -
100	CHANGE ORDER # 16	MATERIAL \$ 187.00		187.00		187.00	100.00%	0.00	\$ -
101	CHANGE ORDER # 17	MATERIAL \$ 943.00		943.00		943.00	100.00%	0.00	\$ -
102	CHANGE ORDER # 18	MATERIAL \$ (23,638.00)		(23,638.00)		(23,638.00)	100.00%	0.00	\$ -
103	CHANGE ORDER # 19	MATERIAL \$ (271.00)		(271.00)		(271.00)	100.00%	0.00	\$ -
104	CHANGE ORDER # 20	MATERIAL \$ (229.00)		(229.00)		(229.00)	100.00%	0.00	\$ -
105						0.00	0.00%	0.00	\$ -
106						0.00	0.00%	0.00	\$ -
107						0.00	0.00%	0.00	\$ -
108						0.00	0.00%	0.00	\$ -
109						0.00	0.00%	0.00	\$ -
110						0.00	0.00%	0.00	\$ -
111						0.00	0.00%	0.00	\$ -
112						0.00	0.00%	0.00	\$ -
113						0.00	0.00%	0.00	\$ -
114						0.00	0.00%	0.00	\$ -
115						0.00	0.00%	0.00	\$ -
116						0.00	0.00%	0.00	\$ -
117						0.00	0.00%	0.00	\$ -
118						0.00	0.00%	0.00	\$ -
119						0.00	0.00%	0.00	\$ -
120						0.00	0.00%	0.00	\$ -
121						0.00	0.00%	0.00	\$ -
122						0.00	0.00%	0.00	\$ -
123						0.00	0.00%	0.00	\$ -
124						0.00	0.00%	0.00	\$ -
125						0.00	0.00%	0.00	\$ -
126						0.00	0.00%	0.00	\$ -
127						0.00	0.00%	0.00	\$ -
	SHEET LABOR SUBTOTAL	\$ -	\$ -	\$ -	\$ -	\$ -	9.00%	\$ -	\$ -
	SHEET MATERIAL SUBTOTAL	\$ 86,067.00	\$ 86,067.00	\$ -	\$ -	\$ 86,067.00	100.00%	\$ -	\$ -
	TOTAL LABOR	\$ 254,716.00	\$ 254,716.00	\$ -	\$ -	\$ 254,716.00		\$ -	\$ -
	TOTAL MATERIAL	\$ 1,136,251.00	\$ 1,136,251.00	\$ -	\$ -	\$ 1,136,251.00		\$ -	\$ -
	TOTAL	\$ 1,390,967.00	\$ 1,390,967.00	\$ -	\$ -	\$ 1,390,967.00	100.00%	\$ -	\$ -

LABOR

Said affiant further says that the following shows the names and addresses of every unpaid laborer in the employ of ² _____

BEACON ELECTRIC COMPANY

furnishing labor under said contract, giving the amount, if any, which

is due, or to become due, for labor done to date hereof.

NOTE-If the fact is that every laborer has been paid in full, then recite: "Every laborer has been paid in full." If not, then give each unpaid laborer's name and address and the amount due or to become due.

NAME	ADDRESS	HOURS	Amount Due or to Become Due for Labor Furnished to Date Hereof
EVERY LABORER HAS BEEN PAID IN FULL			

Affiant further states that there is due or to become due to BEACON ELECTRIC COMPANY for work performed or machinery, material or fuel furnished to Cincinnati Public Schools-AMIS to date hereof under said contracts, the sum of \$ 20,377.28 (Owner or Contractor)

That the amounts due or to become due to said sub-contractors, material men and laborers, for work done or machinery, material or fuel furnished to the date hereof, to ² BEACON ELECTRIC COMPANY are fully and correctly set forth opposite their names, respectively, in the aforesaid statements, and further evidenced by certificates of every person furnishing machinery, material or fuel, hereto attached, and made a part hereof.

Affiant further says that ⁶ BEACON ELECTRIC COMPANY

NOTE-The above must be accompanied by "Certificate of Materialman." In lieu of such certificate, there may be furnished a written waiver or lien, a written release or receipt.

NAME	ADDRESS	Kind of Machinery, Material or Fuel	Amount Due or to Become Due for Material Furnished to Date Hereof

Said affiant further says that the following shows the names and addresses of every person furnishing machinery, material or fuel to ² BEACON ELECTRIC COMPANY giving the amount, if any, which is due, or to become due, to them, or any of them, for machinery, material or fuel furnished to date hereof, under said contracts.

Cincinnati Public Schools

2315 Iowa Avenue
Cincinnati, Ohio 45206

Contractor's Name: **BEACON ELECTRIC COMPANY**
Address: 7815 REDSKY DRIVE, CINCINNATI, OHIO 45249

Date: November 25, 2010
Application #10 retainage

Contractor Pay Application Summary

Project Name: CPS AMIS ACADEMY OF MULTILINGUAL IMMERSION STUDIES
Bid Package No.: # 6 Electrical/Technology

1	Original Contract Amount	\$ 1,304,900.00
2	Net Changes to Date	\$ 86,067.00
3	Current Contract Amount	\$ 1,390,967.00
4	Labor Completed to Date	\$ 254,716.00
5	Material Completed to Date	\$ 1,136,251.00
6	Total Work Completed to Date	\$ 1,390,967.00
7	Store Material to Date	\$ -
8	Less Retained to Date	\$ -
9	Total Amount Due	\$ 1,390,967.00
10	Less Previous Payments	\$ 1,370,589.72
11	Less Amount Retained to Cover Lien	\$ -
12	Less Amount Retained for Liquidated Damages	\$ -
13	Less Other Amounts Withheld	\$ -
14	Current Due	\$ 20,377.28
15	Balance to Complete	\$ -

OSFC approval required for the following contract adjustments:

1. Assessment of liquidated damages
2. Other amounts withheld

Ohio School Facilities Commission

Date

Comments:

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER: CPS/Turner Construction
2315 Iowa Avenue
Cincinnati, Ohio 45206

PROJECT: Arnis
1908 Seymour
Cincinnati, Ohio 45238

APPLICATION No: 20.00
PERIOD TO: 05/31/11
PROJECT NOS:
CONTRACT DATE: 12/16/08

1239-20

FROM CONTRACTOR: Feldkamp Enterprises, Inc.
3642 Muddy Creek Road
Cincinnati, Ohio 45238

VIA ARCHITECT:

PO# 548439

CONTRACT FOR: HVAC - Piping - Plumbing

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment as shown below, in connection with the Contract
Continuation sheet is attached.

1. ORIGINAL CONTRACT SUM.....\$	1,268,000.00
2. Net Change by Change Orders.....\$	-6,682.00
3. CONTRACT SUM TO DATE.....\$	1,261,318.00
4. TOTAL COMPLETED & STORED TO DATE.....\$	1,261,318.00
5. RETAINAGE	
a. 8-50% of Completed Labor.....\$	0.00
b. 8% of Stored Material.....\$	0.00
Total Retainage.....\$	0.00
6. TOTAL EARNED LESS RETAINAGE.....\$	1,261,318.00
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT.....\$	1,231,051.20
8. CURRENT PAYMENT DUE.....\$	30,266.80
9. BALANCE TO FINISH, INCLUDING RETAINAGE.....\$	0.00

The Contractor certified that the work covered by this pay request has been completed in accordance with the Contract Documents and that all progress payments previously paid by the State have been applied by the Contractor to discharge in full all of Contractor's obligations incurred in connection with the work covered by all prior pay requests.

Chadley McElroy
Contractor

May 31, 2011
Date

Patricia A. Hucke
100%
Architect

Based upon on-site observations, the firm affirms that the work has progressed to the percentage of completeness indicated on the pay request.

PATRICIA A. HUCKE
Mary Public, State of Ohio
My Commission Expires 01-26-2013

[Signature]
Architect

05-24-11
Date

Randy Newton
Construction Manager

5-19-11
Date

Approved: *[Signature]*

5/24/11

Dean C. White
School District Treasurer

10/5/11
Date

Change Order/Contract	ADDITIONS	DEDUCTIONS
Total Changes approved in Previous months by Owner		
Total approved this month		
TOTALS		
NET CHANGES by Change Order		

* BOND to pay \$ 30,266.80 Alias # 2030204

SS 10/4/11

EXHIBIT C
COMPLETION NOTICE

FACILITIES
2011 SEP 22 PM 3:00

Date: 7/28/10

The Bank of New York Trust Company, N.A.
Attn: Chris Pastura
525 Vine St., Suite 900
Cincinnati, Ohio 45202
Fax: (513) 721-3240

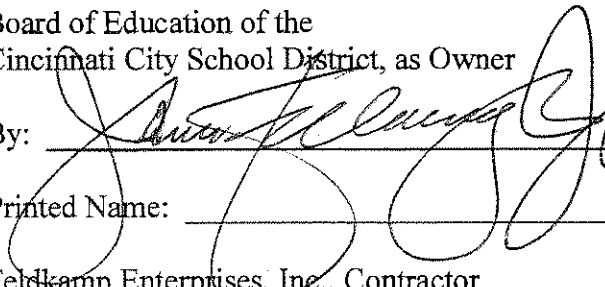
Re: Retainage Escrow Agreement - A.M.I.S. School

In accordance with Section 4(a) of the Retainage Escrow Agreement, please accept this notice as instruction to release the following amount(s) held in escrow, plus accrued interest and/or other investment income earned on such amount(s):

<u>Contractor Name, Address & Tax ID Number</u>	<u>Contract Number</u>	<u>Amount to Release</u>
Feldkamp Enterprises, Inc. 3642 Muddy Creek Rd. Cincinnati, OH 45238 ID#31-0868966		\$30,266.80 Acct # 210551 88 10/4/11

This authorization does not constitute a waiver of any right of the Owner against the Contractor in the event of any omissions, defects or other problems with the work or material provided by the Contractor are subsequently discovered or determined to be more severe.

Board of Education of the
Cincinnati City School District, as Owner

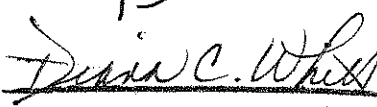
By: 

Printed Name: _____

Feldkamp Enterprises, Inc., Contractor

By: _____

Printed Name: James Feldkamp Jr.

APPROVED: 
Diana C. White 10/5/11 Treasurer/CFO



Feldkamp Enterprises Inc.

Cincinnati, Ohio 45238

[513] 347-4500

Fax [513] 347-4506

www.FeldkampHVAC.com

INCUMBENCY CERTIFICATE

To: The Bank of New York Trust Company, N.A.
Attn: Chris Pastura
525 Vine St., Suite 900
Cincinnati, Ohio 45202

Re: Cincinnati Public School District Retainage Escrow – A.M.I.S. School

In conjunction with accounts administered in your Corporate Trust department, I hereby certify that the following persons are authorized to give instructions and directions on behalf of the above referenced issue:

James Feldkamp Jr.
Name
(513) 347-4500
Phone Number

[Handwritten Signature]
Authorized Signature
President
Title

Name

Authorized Signature

Phone Number

Title

Name

Authorized Signature

Phone Number

Title

I further certify that the signatures opposite the names of such authorized persons are their correct signatures and that I am authorized to make this certification.

7/29/11
Date

[Handwritten Signature]
Certifying Signature

Secretary
Corporate Title or Capacity



May 24, 2011

Angie Tolle
Cincinnati Public Schools
2315 Iowa Avenue
Cincinnati, OH 45206

*Invoice date
MAY 20 2011*

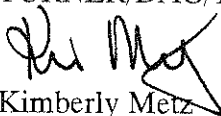
Dear Angie:

Attached is **Pay Application** for the **AMIS School**, please process payment for the **June 17, 2011** check distribution.

Contractor	Application #	Monthly Billing	Total Billing To Date	Contract Amount to Date
BP# 3&5 Feldkamp	#20	\$ 30,266.80 ✓	\$1,261,318.00	\$1,261,318.00
BP#6 Beacon	#20	\$ 20,377.28 ✓	\$1,390,967.00	\$1,390,967.00

Please call if you have any questions.

Sincerely,
TURNER/DAG/TYS


Kimberly Metz
Accountant

Attachments

cc: Steve Karoly - GBBN Architects
Randy Newton - Turner/DAG/TYS
File 00250 -14591MA

T:PROJECTS/AMIS/00250 Pay Application/2011-05-24 Combined Pay app.doc

ITEM NUMBER	DESCRIPTION OF WORK		SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED	TOTAL COMPLETED & STORED TO DATE	%	BALANCE TO FINISH	RETAINAGE
				PREVIOUS APPS.	THIS PERIOD					
65.00	M 1st Flr A Insulation	MATERIAL	7,400.00	7,400.00	0.00	0.00	7,400.00	100.00%	0.00	0.00
66.00	L 1st Flr A Insulation	LABOR	11,100.00	11,100.00	0.00	0.00	11,100.00	100.00%	0.00	0.00
67.00	M 1st Flr A Temp Control	MATERIAL	6,450.00	6,450.00	0.00	0.00	6,450.00	100.00%	0.00	0.00
68.00	L 1st Flr A Temp Control	LABOR	9,700.00	9,700.00	0.00	0.00	9,700.00	100.00%	0.00	0.00
69.00	M 1st Flr B Piping	MATERIAL	22,750.00	22,750.00	0.00	0.00	22,750.00	100.00%	0.00	0.00
70.00	L 1st Flr B Piping	LABOR	36,370.00	36,370.00	0.00	0.00	36,370.00	100.00%	0.00	0.00
71.00	M 1st Flr B Insulation	MATERIAL	7,400.00	7,400.00	0.00	0.00	7,400.00	100.00%	0.00	0.00
72.00	L 1st Flr B Insulation	LABOR	11,100.00	11,100.00	0.00	0.00	11,100.00	100.00%	0.00	0.00
73.00	M 1st Flr B Temp Control	MATERIAL	6,450.00	6,450.00	0.00	0.00	6,450.00	100.00%	0.00	0.00
74.00	L 1st Flr B Temp Control	LABOR	9,700.00	9,700.00	0.00	0.00	9,700.00	100.00%	0.00	0.00
75.00	M 2nd Flr B Piping	MATERIAL	17,750.00	17,750.00	0.00	0.00	17,750.00	100.00%	0.00	0.00
76.00	L 2nd Flr B Piping	LABOR	31,370.00	31,370.00	0.00	0.00	31,370.00	100.00%	0.00	0.00
77.00	M 2nd Flr B Insulation	MATERIAL	7,400.00	7,400.00	0.00	0.00	7,400.00	100.00%	0.00	0.00
78.00	L 2nd Flr B Insulation	LABOR	11,100.00	11,100.00	0.00	0.00	11,100.00	100.00%	0.00	0.00
79.00	M 2nd Flr B Temp Control	MATERIAL	6,450.00	6,450.00	0.00	0.00	6,450.00	100.00%	0.00	0.00
80.00	L 2nd Flr B Temp Control	LABOR	9,700.00	9,700.00	0.00	0.00	9,700.00	100.00%	0.00	0.00
81.00	M Set HVAC Equipment	MATERIAL	14,000.00	14,000.00	0.00	0.00	14,000.00	100.00%	0.00	0.00
82.00	L Set HVAC Equipment	LABOR	20,424.00	20,424.00	0.00	0.00	20,424.00	100.00%	0.00	0.00
83.00	M Mech Room Piping	MATERIAL	17,750.00	17,750.00	0.00	0.00	17,750.00	100.00%	0.00	0.00
84.00	L Mech Room Piping	LABOR	32,866.00	32,866.00	0.00	0.00	32,866.00	100.00%	0.00	0.00
85.00	L Air/Water Balance	LABOR	11,000.00	11,000.00	0.00	0.00	11,000.00	100.00%	0.00	0.00
86.00	M Mech Room Temp Control	MATERIAL	6,450.00	6,450.00	0.00	0.00	6,450.00	100.00%	0.00	0.00
87.00	L Mech Room Temp Control	LABOR	9,700.00	9,700.00	0.00	0.00	9,700.00	100.00%	0.00	0.00
88.00	M Mech Room Insulation	MATERIAL	7,400.00	7,400.00	0.00	0.00	7,400.00	100.00%	0.00	0.00
89.00	L Mech Room Insulation	LABOR	11,100.00	11,100.00	0.00	0.00	11,100.00	100.00%	0.00	0.00
90.00	L Sheet Metal Coordination Drawings	LABOR	25,000.00	25,000.00	0.00	0.00	25,000.00	100.00%	0.00	0.00
91.00	M Sheet Metal Coordination Drawings	MATERIAL	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
92.00	L H201-A Duct	LABOR	42,000.00	42,000.00	0.00	0.00	42,000.00	100.00%	0.00	0.00
93.00	M H201-A Duct	MATERIAL	35,000.00	35,000.00	0.00	0.00	35,000.00	100.00%	0.00	0.00
94.00	L H201-A Air Devices/Finals	LABOR	2,500.00	2,500.00	0.00	0.00	2,500.00	100.00%	0.00	0.00
95.00	M H201-A Air Devices/Finals	MATERIAL	2,500.00	2,500.00	0.00	0.00	2,500.00	100.00%	0.00	0.00
96.00	L H201-B Duct	LABOR	26,000.00	26,000.00	0.00	0.00	26,000.00	100.00%	0.00	0.00
97.00	M H201-B Duct	MATERIAL	19,600.00	19,600.00	0.00	0.00	19,600.00	100.00%	0.00	0.00
98.00	L H201-B Air Devices/Finals	LABOR	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
99.00	M H201-B Air Devices/Finals	MATERIAL	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
100.00	L H202-A Duct	LABOR	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	0.00
101.00	M H202-A Duct	MATERIAL	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	0.00
102.00	L H202-A Air Devices/Finals	LABOR	200.00	200.00	0.00	0.00	200.00	100.00%	0.00	0.00
103.00	M H202-A Air Devices/Finals	MATERIAL	200.00	200.00	0.00	0.00	200.00	100.00%	0.00	0.00
104.00	L H202-A Gym Duct/Air Devices	LABOR	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	0.00
105.00	M H202-A Gym Duct/Air Devices	MATERIAL	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	0.00
106.00	L H202-B Duct	LABOR	20,000.00	20,000.00	0.00	0.00	20,000.00	100.00%	0.00	0.00
107.00	M H202-B Duct	MATERIAL	17,000.00	17,000.00	0.00	0.00	17,000.00	100.00%	0.00	0.00
108.00	L H202-B Air Devices/Finals	LABOR	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
109.00	M H202-B Air Devices/Finals	MATERIAL	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
110.00	L H201 Mech Room Duct	LABOR	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00%	0.00	0.00
111.00	M H201 Mech Room Duct	MATERIAL	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00%	0.00	0.00
112.00	L Boiler Flues	LABOR	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
113.00	M Boiler Flues	MATERIAL	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	0.00
114.00	L Set Curbs	LABOR	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	0.00
115.00	M Set Curbs	MATERIAL	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	0.00
116.00	L Fans and Vents	LABOR	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	0.00
117.00	M Fans and Vents	MATERIAL	8,000.00	8,000.00	0.00	0.00	8,000.00	100.00%	0.00	0.00
119.00	CO #2 - PCO-26	LABOR	1,835.00	1,835.00	0.00	0.00	1,835.00	100.00%	0.00	0.00
120.00	CO #3 - PCO #064	LABOR	2,322.00	2,322.00	0.00	0.00	2,322.00	100.00%	0.00	0.00
121.00	CO #4 - Gas & Generator Usage	LABOR	2,670.00	2,670.00	0.00	0.00	2,670.00	100.00%	0.00	0.00
122.00	CO #5 - Eye Wash	LABOR	3,593.00	3,593.00	0.00	0.00	3,593.00	100.00%	0.00	0.00
123.00	CO #6 Camera - Sewer	LABOR	2,299.00	2,299.00	0.00	0.00	2,299.00	100.00%	0.00	0.00
124.00	CO #7 - Replace Damaged Tile	LABOR	(229.00)	(229.00)	0.00	0.00	(229.00)	100.00%	0.00	0.00
125.00	CO #8 - Uncommitted Plumbing Allowance	LABOR	0.00	0.00	0.00	0.00	0.00	100.00%	0.00	0.00
126.00	CO #9 - Uncommitted HVAC Allowance	LABOR	0.00	0.00	0.00	0.00	0.00	100.00%	0.00	0.00
127.00	CO #10 - Dehumidification Allowance	LABOR	(19,172.00)	0.00	(19,172.00)	0.00	(19,172.00)	100.00%	0.00	0.00
	TOTAL		1,261,318.00	1,261,318.00	0.00	0.00	1,261,318.00	100.00%	0.00	0.00

The Ohio School Facilities Commission

10 West Broad Street
Suite 1400
Columbus, Ohio 43215

Contractor's Name: Feldkamp Enterprises, Inc.
Address: 3642 Muddy Creek Road

Contractor Pay Application Summary

Project Name: AMIS
Bid Package No.

1	Original Contract Amount	\$	1,268,000.00
2	Net Changes to Date	\$	-6,682.00
3	Current Contract Amount	\$	1,261,318.00
4	Labor Completed to Date	\$	787,818.00
5	Material Completed to Date	\$	473,500.00
6	Total Work Completed to Date	\$	1,261,318.00
7	Store Material to Date	\$	0.00
8	Less Retained to Date	\$	0.00
9	Total Amount Due	\$	1,261,318.00
10	Less Previous Payments	\$	1,231,051.20
11	Less Amount Retained to Cover Lien	\$	0.00
12	Less Amount Retained for Liquidated Damages	\$	0.00
13	Less Other Amounts Withheld	\$	0.00
14	Current Due	\$	30,266.80
15	Balance to Complete	\$	0.00

OSFC approval required for the following contract adjustments:

1. Assessment of liquidated damages
2. Other amounts withheld

Ohio School Facilities Commission _____ Date _____

Comments:

Turner  **TYS**
Rebuilding Cincinnati Public Schools

August 31, 2010

Angie Tolle
Cincinnati Public Schools
2315 Iowa Avenue
Cincinnati, OH 45206


Dear Angie:

Attached is **Pay Application** for the AMIS School, please process payment for the **October 1, 2010** check distribution.

Contractor	Application #	Monthly Billing	Total Billing To Date	Contract Amount to Date
BP#6 Beacon	#17	\$98,996.15	\$1,360,404.34	\$1,373,725.00
BP# 3&5 Feldkamp	#18	\$ 8,000.00	\$1,251,193.00	\$1,280,719.00

Please call if you have any questions.

Sincerely,
TURNER/DAG/TYS


Kimberly Metz
Asst. Accountant

Attachments

cc: Steve Karoly – GBBN Architects
Randy Newton - Turner/DAG/TYS
File 00250 -14591MA

T:PROJECTS/AMIS/00250 Pay Application/2010-08-31 Combined Pay app.doc

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER: CPS/Turner Construction
2315 Iowa Avenue
Cincinnati, Ohio 45206

PROJECT: Amis
1908 Seymour
Cincinnati, Ohio 45238

APPLICATION No: 18.00
PERIOD TO: 08/31/10
PROJECT NOS:
CONTRACT DATE: 12/16/08
1239-18

FROM CONTRACTOR: Feldkamp Enterprises, Inc.
3642 Muddy Creek Road
Cincinnati, Ohio 45238

VIA ARCHITECT:

CONTRACT FOR: HVAC - Piping - Plumbing

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment as shown below, in connection with the Contract
Continuation sheet is attached.

1. ORIGINAL CONTRACT SUM.....\$	1,268,000.00
2. Net Change by Change Orders.....\$	12,719.00
3. CONTRACT SUM TO DATE.....\$	1,280,719.00
4. TOTAL COMPLETED & STORED TO DATE.....\$	1,251,193.00
5. RETAINAGE	
a. 8-50% of Completed Labor.....\$	30266.80
b. 8% of Stored Material.....\$	0.00
Total Retainage.....\$	30,266.80
6. TOTAL EARNED LESS RETAINAGE.....\$	1,220,926.20
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT.....\$	1,212,926.20
8. CURRENT PAYMENT DUE.....\$	8,000.00
9. BALANCE TO FINISH, INCLUDING RETAINAGE.....\$	59,792.80

Change Order/Contract	ADDITIONS	DEDUCTIONS
Total Changes approved in Previous months by Owner		
Total approved this month		
TOTALS		
NET CHANGES by Change Order		

The Contractor certified that the work covered by this pay request has been completed in accordance with the Contract Documents and that all progress payments previously paid by the State have been applied by the Contractor to discharge in full all of Contractor's obligations incurred in connection with the work covered by all prior pay requests.

Chad J. Feldkamp
Contractor

August 31, 2010
Date

Patricia A. Huckle
Notary Public, State of Ohio

Based upon on-site observations, the firm affirms that the work has progressed to the percentage of completeness indicated on the pay request.

PATRICIA A. HUCKLE
Notary Public, State of Ohio
My Commission Expires 01-26-2013

[Signature]
Architect

8/31/10
Date

Randy Newton
Construction Manager

8-30-10
Date

Approved:

School District Treasurer

Date

The Ohio School Facilities Commission

10 West Broad Street
Suite 1400
Columbus, Ohio 43215

Contractor's Name: Feldkamp Enterprises, Inc.
Address: 3642 Muddy Creek Road

Contractor Pay Application Summary

Project Name: AMIS
Bid Package No.

1	Original Contract Amount	\$	1,268,000.00
2	Net Changes to Date	\$	12,719.00
3	Current Contract Amount	\$	1,280,719.00
4	Labor Completed to Date	\$	777,693.00
5	Material Completed to Date	\$	473,500.00
6	Total Work Completed to Date	\$	1,251,193.00
7	Store Material to Date	\$	0.00
8	Less Retained to Date	\$	30,266.80
9	Total Amount Due	\$	1,220,926.20
10	Less Previous Payments	\$	1,212,926.20
11	Less Amount Retained to Cover Lien	\$	0.00
12	Less Amount Retained for Liquidated Damages	\$	0.00
13	Less Other Amounts Withheld	\$	0.00
14	Current Due	\$	8,000.00
15	Balance to Complete	\$	59,792.80

OSFC approval required for the following contract adjustments:

- 1. Assessment of liquidated damages
- 2. Other amounts withheld

Ohio School Facilities Commission

Date

Comments:

CONTINUATION SHEET

ITEM NUMBER	DESCRIPTION OF WORK		SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED	TOTAL COMPLETED & STORED TO DATE	%	BALANCE TO FINISH	RETAINAGE
				PREVIOUS APPS.	THIS PERIOD					
1.00	SUPERVISION/MEETINGS	LABOR	9,000.00	9,000.00	0.00	0.00	9,000.00	100.00%	0.00	360.00
2.00	PERMITS AND FEES	LABOR	5,500.00	5,500.00	0.00	0.00	5,500.00	100.00%	0.00	220.00
3.00	PLUMBING BOND	LABOR	5,800.00	5,800.00	0.00	0.00	5,800.00	100.00%	0.00	224.00
4.00	HVAC BOND	LABOR	17,000.00	17,000.00	0.00	0.00	17,000.00	100.00%	0.00	680.00
5.00	PLUMBING ALLOWANCE	LABOR	10,000.00	9,923.00	0.00	0.00	9,923.00	99.23%	77.00	386.92
6.00	HVAC GENERAL ALLOWANCE	LABOR	10,000.00	5,551.00	0.00	0.00	5,551.00	55.51%	4,449.00	222.04
7.00	HVAC DEHUMIDIFICATION ALLOWANCE	LABOR	25,000.00	0.00	0.00	0.00	0.00	0.00%	25,000.00	0.00
8.00	PLUMBING CLOSE-OUT DOCUMENTS	LABOR	15,000.00	12,000.00	3,000.00	0.00	15,000.00	100.00%	0.00	800.00
9.00	HVAC CLOSE-OUT DOCUMENTS	LABOR	25,000.00	20,000.00	5,000.00	0.00	25,000.00	100.00%	0.00	1,000.00
10.00	SUBMITTALS	LABOR	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	200.00
11.00	L Belowgrade Sant Area A	LABOR	24,000.00	24,000.00	0.00	0.00	24,000.00	100.00%	0.00	960.00
12.00	M Belowgrade Sant Area A	MATERIAL	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00%	0.00	0.00
13.00	L Belowgrade Sant Area B	LABOR	22,000.00	22,000.00	0.00	0.00	22,000.00	100.00%	0.00	880.00
14.00	M Belowgrade Sant Area B	MATERIAL	9,000.00	9,000.00	0.00	0.00	9,000.00	100.00%	0.00	0.00
15.00	L Abovegrade Waste/Vent Area A	LABOR	14,000.00	14,000.00	0.00	0.00	14,000.00	100.00%	0.00	1,120.00
16.00	M Abovegrade Waste/Vent Area A	MATERIAL	9,000.00	9,000.00	0.00	0.00	9,000.00	100.00%	0.00	0.00
17.00	L Abovegrade Waste/Vent 1st Fir Area B	LABOR	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00%	0.00	600.00
18.00	M Abovegrade Waste/Vent 1st Fir Area B	MATERIAL	7,000.00	7,000.00	0.00	0.00	7,000.00	100.00%	0.00	0.00
19.00	L Abovegrade Waste/Vent 2nd Fir Area B	LABOR	8,000.00	8,000.00	0.00	0.00	8,000.00	100.00%	0.00	640.00
20.00	M Abovegrade Waste/Vent 2nd Fir Area B	MATERIAL	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
21.00	L Domestic Water Area A	LABOR	34,100.00	34,100.00	0.00	0.00	34,100.00	100.00%	0.00	2,728.00
22.00	M Domestic Water Area A	MATERIAL	12,000.00	12,000.00	0.00	0.00	12,000.00	100.00%	0.00	0.00
23.00	L Domestic Water 1st Fir Area B	LABOR	20,000.00	20,000.00	0.00	0.00	20,000.00	100.00%	0.00	1,600.00
24.00	M Domestic Water 1st Fir Area B	MATERIAL	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00%	0.00	0.00
25.00	L Domestic Water 2nd Fir Area B	LABOR	18,000.00	18,000.00	0.00	0.00	18,000.00	100.00%	0.00	1,440.00
26.00	M Domestic Water 2nd Fir Area B	MATERIAL	9,000.00	9,000.00	0.00	0.00	9,000.00	100.00%	0.00	0.00
27.00	L Gas Piping Area A	LABOR	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	400.00
28.00	M Gas Piping Area A	MATERIAL	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00%	0.00	48.00
29.00	L Acid Waste Piping 2nd Fir Area B	LABOR	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	240.00
30.00	M Acid Waste Piping 2nd Fir Area B	MATERIAL	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00%	0.00	0.00
31.00	L Air Piping 2nd Fir Area B	LABOR	2,500.00	2,500.00	0.00	0.00	2,500.00	100.00%	0.00	200.00
32.00	M Air Piping 2nd Fir Area B	MATERIAL	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00%	0.00	0.00
33.00	L Drains, Carriers, Closeouts Area A	LABOR	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	400.00
34.00	M Drains, Carriers, Closeouts Area A	MATERIAL	4,800.00	4,800.00	0.00	0.00	4,800.00	100.00%	0.00	0.00
35.00	L Drains, Carriers, Closeouts Area B	LABOR	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00%	0.00	320.00
36.00	M Drains, Carriers, Closeouts Area B	MATERIAL	4,200.00	4,200.00	0.00	0.00	4,200.00	100.00%	0.00	0.00
37.00	L Drains, Carriers, Cleanouts 2nd Fir Area B	LABOR	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	160.00
38.00	M Drains, Carriers, Cleanouts 2nd Fir Area B	MATERIAL	1,100.00	1,100.00	0.00	0.00	1,100.00	100.00%	0.00	0.00
39.00	L Plumbing Fixtures Area A	LABOR	13,000.00	13,000.00	0.00	0.00	13,000.00	100.00%	0.00	1,040.00
40.00	M Plumbing Fixtures Area A	MATERIAL	15,000.00	15,000.00	0.00	0.00	15,000.00	100.00%	0.00	1,200.00
41.00	L Plumbing Fixtures 1st Fir Area B	LABOR	12,000.00	12,000.00	0.00	0.00	12,000.00	100.00%	0.00	480.00
42.00	M Plumbing Fixtures 1st Fir Area B	MATERIAL	11,000.00	11,000.00	0.00	0.00	11,000.00	100.00%	0.00	880.00
43.00	L Plumbing Fixtures 2nd Fir Area B	LABOR	11,000.00	11,000.00	0.00	0.00	11,000.00	100.00%	0.00	440.00
44.00	M Plumbing Fixtures 2nd Fir Area B	MATERIAL	8,000.00	8,000.00	0.00	0.00	8,000.00	100.00%	0.00	640.00
45.00	L Heat Trace Area A	LABOR	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00%	0.00	160.00
46.00	M Heat Trace Area A	MATERIAL	8,000.00	8,000.00	0.00	0.00	8,000.00	100.00%	0.00	0.00
47.00	L Heat Trace 1st Fir Area B	LABOR	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	120.00
48.00	M Heat Trace 1st Fir Area B	MATERIAL	7,000.00	7,000.00	0.00	0.00	7,000.00	100.00%	0.00	0.00
49.00	L Heat Trace 2nd Fir Area B	LABOR	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00%	0.00	40.00
50.00	M Heat Trace 2nd Fir Area B	MATERIAL	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	0.00
51.00	L Insulation Area A	LABOR	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00%	0.00	160.00
52.00	M Insulation Area A	MATERIAL	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	0.00
53.00	L Insulation 1st Fir Area B	LABOR	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	120.00
54.00	M Insulation 1st Fir Area B	MATERIAL	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
55.00	L Insulation 2nd Fir Area B	LABOR	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	80.00
56.00	M Insulation 2nd Fir Area B	MATERIAL	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00%	0.00	0.00
57.00	L Site Sanitary	LABOR	6,300.00	6,300.00	0.00	0.00	6,300.00	100.00%	0.00	252.00
58.00	M Site Sanitary	MATERIAL	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00%	0.00	0.00
59.00	L Site Water	LABOR	54,000.00	54,000.00	0.00	0.00	54,000.00	100.00%	0.00	2,160.00
60.00	M Site Water	MATERIAL	38,000.00	38,000.00	0.00	0.00	38,000.00	100.00%	0.00	0.00
61.00	L Site Gas Excavation	LABOR	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	120.00
62.00	M Site Gas Excavation	MATERIAL	1,900.00	1,900.00	0.00	0.00	1,900.00	100.00%	0.00	0.00
63.00	M 1st Fir A Piping	MATERIAL	22,750.00	22,750.00	0.00	0.00	22,750.00	100.00%	0.00	0.00
64.00	L 1st Fir A Piping	LABOR	36,370.00	36,370.00	0.00	0.00	36,370.00	100.00%	0.00	1,454.80

ITEM NUMBER	DESCRIPTION OF WORK		SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED	TOTAL COMPLETED & STORED TO DATE	%	BALANCE TO FINISH	RETAINAGE
				PREVIOUS APPS.	THIS PERIOD					
65.00	M 1st Fir A Insulation	MATERIAL	7,400.00	7,400.00	0.00	0.00	7,400.00	100.00%	0.00	0.00
66.00	L 1st Fir A Insulation	LABOR	11,100.00	11,100.00	0.00	0.00	11,100.00	100.00%	0.00	444.00
67.00	M 1st Fir A Temp Control	MATERIAL	6,450.00	6,450.00	0.00	0.00	6,450.00	100.00%	0.00	516.00
68.00	L 1st Fir A Temp Control	LABOR	9,700.00	9,700.00	0.00	0.00	9,700.00	100.00%	0.00	388.00
69.00	M 1st Fir B Piping	MATERIAL	22,750.00	22,750.00	0.00	0.00	22,750.00	100.00%	0.00	0.00
70.00	L 1st Fir B Piping	LABOR	38,370.00	38,370.00	0.00	0.00	38,370.00	100.00%	0.00	1,454.80
71.00	M 1st Fir B Insulation	MATERIAL	7,400.00	7,400.00	0.00	0.00	7,400.00	100.00%	0.00	0.00
72.00	L 1st Fir B Insulation	LABOR	11,100.00	11,100.00	0.00	0.00	11,100.00	100.00%	0.00	444.00
73.00	M 1st Fir B Temp Control	MATERIAL	8,450.00	8,450.00	0.00	0.00	8,450.00	100.00%	0.00	516.00
74.00	L 1st Fir B Temp Control	LABOR	9,700.00	9,700.00	0.00	0.00	9,700.00	100.00%	0.00	388.00
75.00	M 2nd Fir B Piping	MATERIAL	17,750.00	17,750.00	0.00	0.00	17,750.00	100.00%	0.00	0.00
76.00	L 2nd Fir B Piping	LABOR	31,370.00	31,370.00	0.00	0.00	31,370.00	100.00%	0.00	1,254.80
77.00	M 2nd Fir B Insulation	MATERIAL	7,400.00	7,400.00	0.00	0.00	7,400.00	100.00%	0.00	0.00
78.00	L 2nd Fir B Insulation	LABOR	11,100.00	11,100.00	0.00	0.00	11,100.00	100.00%	0.00	444.00
79.00	M 2nd Fir B Temp Control	MATERIAL	6,450.00	6,450.00	0.00	0.00	6,450.00	100.00%	0.00	516.00
80.00	L 2nd Fir B Temp Control	LABOR	9,700.00	9,700.00	0.00	0.00	9,700.00	100.00%	0.00	388.00
81.00	M Set HVAC Equipment	MATERIAL	14,000.00	14,000.00	0.00	0.00	14,000.00	100.00%	0.00	0.00
82.00	L Set HVAC Equipment	LABOR	20,424.00	20,424.00	0.00	0.00	20,424.00	100.00%	0.00	816.96
83.00	M Mech Room Piping	MATERIAL	17,750.00	17,750.00	0.00	0.00	17,750.00	100.00%	0.00	0.00
84.00	L Mech Room Piping	LABOR	32,866.00	32,866.00	0.00	0.00	32,866.00	100.00%	0.00	1,314.84
85.00	L Air/Water Balance	LABOR	11,000.00	11,000.00	0.00	0.00	11,000.00	100.00%	0.00	440.00
86.00	M Mech Room Temp Control	MATERIAL	6,450.00	6,450.00	0.00	0.00	6,450.00	100.00%	0.00	516.00
87.00	L Mech Room Temp Control	LABOR	9,700.00	9,700.00	0.00	0.00	9,700.00	100.00%	0.00	388.00
88.00	M Mech Room Insulation	MATERIAL	7,400.00	7,400.00	0.00	0.00	7,400.00	100.00%	0.00	0.00
89.00	L Mech Room Insulation	LABOR	11,100.00	11,100.00	0.00	0.00	11,100.00	100.00%	0.00	444.00
90.00	L Sheet Metal Coordination Drawings	LABOR	25,000.00	25,000.00	0.00	0.00	25,000.00	100.00%	0.00	1,000.00
91.00	M Sheet Metal Coordination Drawings	MATERIAL	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
92.00	L H201-A Duct	LABOR	42,000.00	42,000.00	0.00	0.00	42,000.00	100.00%	0.00	1,680.00
93.00	M H201-A Duct	MATERIAL	35,000.00	35,000.00	0.00	0.00	35,000.00	100.00%	0.00	0.00
94.00	L H201-A Air Devices/Finals	LABOR	2,500.00	2,500.00	0.00	0.00	2,500.00	100.00%	0.00	100.00
95.00	M H201-A Air Devices/Finals	MATERIAL	2,500.00	2,500.00	0.00	0.00	2,500.00	100.00%	0.00	0.00
96.00	L H201-B Duct	LABOR	28,000.00	28,000.00	0.00	0.00	28,000.00	100.00%	0.00	1,040.00
97.00	M H201-B Duct	MATERIAL	19,800.00	19,800.00	0.00	0.00	19,800.00	100.00%	0.00	0.00
98.00	L H201-B Air Devices/Finals	LABOR	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	80.00
99.00	M H201-B Air Devices/Finals	MATERIAL	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
100.00	L H202-A Duct	LABOR	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	200.00
101.00	M H202-A Duct	MATERIAL	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	0.00
102.00	L H202-A Air Devices/Finals	LABOR	200.00	200.00	0.00	0.00	200.00	100.00%	0.00	8.00
103.00	M H202-A Air Devices/Finals	MATERIAL	200.00	200.00	0.00	0.00	200.00	100.00%	0.00	0.00
104.00	L H202-A Gym Duct/Air Devices	LABOR	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	200.00
105.00	M H202-A Gym Duct/Air Devices	MATERIAL	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	0.00
106.00	L H202-B Duct	LABOR	20,000.00	20,000.00	0.00	0.00	20,000.00	100.00%	0.00	800.00
107.00	M H202-B Duct	MATERIAL	17,000.00	17,000.00	0.00	0.00	17,000.00	100.00%	0.00	0.00
108.00	L H202-B Air Devices/Finals	LABOR	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	80.00
109.00	M H202-B Air Devices/Finals	MATERIAL	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
110.00	L H201 Mech Room Duct	LABOR	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00%	0.00	400.00
111.00	M H201 Mech Room Duct	MATERIAL	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00%	0.00	0.00
112.00	L Boiler Flues	LABOR	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	80.00
113.00	M Boiler Flues	MATERIAL	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	0.00
114.00	L Set Curbs	LABOR	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	120.00
115.00	M Set Curbs	MATERIAL	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	0.00
116.00	L Fans and Vents	LABOR	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	120.00
117.00	M Fans and Vents	MATERIAL	8,000.00	8,000.00	0.00	0.00	8,000.00	100.00%	0.00	0.00
118.00	CO #2 - PCO-26	LABOR	1,835.00	1,835.00	0.00	0.00	1,835.00	100.00%	0.00	73.40
120.00	CO #3 - PCO #064	LABOR	2,322.00	2,322.00	0.00	0.00	2,322.00	100.00%	0.00	92.88
121.00	CO #4 - Gas & Generator Usage	LABOR	2,870.00	2,870.00	0.00	0.00	2,870.00	100.00%	0.00	106.80
122.00	CO #5 - Eye Wash	LABOR	3,593.00	3,593.00	0.00	0.00	3,593.00	100.00%	0.00	143.72
123.00	CO #6 Camera - Sewer	LABOR	2,299.00	2,299.00	0.00	0.00	2,299.00	100.00%	0.00	0.00
	TOTAL		1,280,719.00	1,243,193.00	8,000.00	0.00	1,251,193.00	97.69%	29,526.00	30,266.80

Certified Payroll Register

Job
 AMIS
 1908 Seymour
 Cincinnati, OH 45237

Contractor
 Feldkamp Enterprises, Inc.
 3642 Muddy Creek
 Cincinnati, OH 45238

Customer
 Turner/DAG/TYS
 2315 Iowa Avenue
 Cincinnati, OH 45206

Job Number: 1239
 Week Ending: 7/25/2010

Name and Address	Class	Hours Worked This Job								Tot	Pay Rate	Gross Pay This Job All Jobs	Deductions		Check #
		07/19 Mon	07/20 Tue	07/21 Wed	07/22 Thu	07/23 Fri	07/24 Sat	07/25 Sun	Fed. Fica Med State				Local Other Total		
Larry L. Poff 1882 S.R. 133 Bethel, OH 45106	R:	0.00	0.00	0.00	5.00	0.00	0.00	0.00	5.00	21.000	105.00	54.94	9.76		
	Sheet Metal Wkr.									+1.300FR.		52.08	227.75		
	Married 2 O:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	840.00	12.18		459.72	
	WHITE Male									+0.000FR. 40hrs		23.57	380.28		
	Fringe Rate	HOLIDAY VACATION		Total											
	Amount	2.45	4.05	6.50											
	Deduction Amount	401 LOAN	ADVANCE	SUPPORT	VOL LIFE	Total									
		44.81	50.00	128.86	4.08	227.75									
	R:	8.00	8.00	8.00	8.00	8.00	0.00	0.00	40.00	25.000	1000.00	78.19	22.50		
	Demetrius D. Taylor 231 S. Findlay Street Dayton, Oh 45403	pipfitters/plumbers									+1.060FR.		62.00	34.81	
Married 3 O:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	1001.38	14.50		749.66		
BLACK Male									+0.000FR. 40hrs		39.72	251.72			
Fringe Rate	HOLIDAY VACATION		Total												
Amount	23.20	19.20	42.40												
Deduction Amount	401K	HEALTH	Total												
	30.00	4.81	34.81												
Regular	<u>Hours</u>	<u>Pay</u>													
Overtime	45.00	1,105.00													
	0.00	0.00													
	45.00	1,105.00													

Job
AMIS
1908 Seymour
Cincinnati, OH 45237

Contractor
Feldkamp Enterprises, Inc.
3642 Muddy Creek
Cincinnati, OH 45238

Customer
Turner/DAG/TYS
2315 Iowa Avenue
Cincinnati, OH 45206

Job Number: 1239
Week Ending: 7/25/2010

I, Lori Rodgers (name of signatory part), PAYROLL MGR. (title) do hereby state:

1] That I pay or supervise the payment of the persons employed by Feldkamp Enterprises, Inc. on the AMIS that during the payroll period commencing on 7/19/2010 and ending 7/25/2010, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said Feldkamp Enterprises, Inc. (Subcontractor) from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. 276c), and described below:

____ Fica, Federal W/H, State W/H, Local W/H _____

2] That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

3] That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

4] That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

XX---In addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4(c) below.

(B) WHERE FRINGE BENEFITS ARE PAID IN CASH

---Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in Section 4(c) below.

(c) EXCEPTION (CRAFT)

EXPLANATION

REMARKS

Name and title

signature

Lori Rodgers /PAYROLL MGR.

The Willful Falsification Of Any Of The Above Statements May Subject The Contractor Or SubContractor To Civil Or Criminal Prosecution. See Section 1001 Of Title 18 And Section 231 Of Title 31 Of The United States.

Certified Payroll Register

Job
 AMIS
 1908 Seymour
 Cincinnati, OH 45237

Contractor
 Feldkamp Enterprises, Inc.
 3642 Muddy Creek
 Cincinnati, OH 45238

Customer
 Turner/DAG/TYS
 2315 Iowa Avenue
 Cincinnati, OH 45206

Job Number: 1239
Week Ending: 8/1/2010

Name / Address	Class Mar Exemp.	Hours Worked This Job									Pay Rate	Gross Pay This Job All Jobs	--- Deductions ---		Check #
		07/26 Mon	07/27 Tue	07/28 Wed	07/29 Thu	07/30 Fri	07/31 Sat	08/01 Sun	Tot	Fed. Fica Med State			Local Other Total	Net Pay	
Larry L. Poff 1882 S.R. 133 Bethel, OH 45106	R: 0.00 Sheet Metal Wkr. Married 2 O: 0.00 WHITE Male	0.00	0.00	8.00	8.00	0.00	0.00	0.00	0.00	16.00	21.000 +1.300FR. +0.000FR.	336.00	54.94 52.08 12.18 23.57	10.64 227.75 381.16	474.37
	Fringe Rate	HOLIDAY VACATION			Total										
	Amount	7.84	12.96	20.80											
	Deduction Amount	401 LOAN	ADVANCE	SUPPORT	VOL LIFE	Total									
	Amount	44.81	50.00	128.86	4.08	227.75									
Jason H. Price 1270 Deblin Dr. Milford, OH 45150	R: 0.00 Apprentice 85% Single 0 O: 0.00 WHITE Male	0.00	0.00	5.00	0.00	0.00	0.00	0.00	5.00	16.000 +1.690FR. +0.000FR.	80.00	58.52 36.70 8.58 13.10	3.50 57.49 177.89	414.11	
	Fringe Rate	HEALTH		HOLIDAY VACATION		Total									
	Amount	5.05	1.85	1.55	8.45										
	Deduction Amount	DENTAL	HEALTH	Total											
	Amount	18.19	39.30	57.49											
	Regular	<u>Hours</u>		<u>Pay</u>											
	Overtime	21.00	0.00	416.00	0.00										
		21.00	0.00	416.00	0.00										

Job
AMIS
1908 Seymour
Cincinnati, OH 45237

Contractor
Feldkamp Enterprises, Inc.
3642 Muddy Creek
Cincinnati, OH 45238

Customer
Turner/DAG/TYS
2315 Iowa Avenue
Cincinnati, OH 45206

Job Number: 1239
Week Ending: 8/1/2010

I, Lori Rodgers (name of signatory part), PAYROLL MGR. (title) do hereby state:

1] That I pay or supervise the payment of the persons employed by Feldkamp Enterprises, Inc. on the AMIS that during the payroll period commencing on 7/26/2010 and ending 8/1/2010, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said Feldkamp Enterprises, Inc. (Subcontractor) from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. 276c), and described below:

Fica, Federal W/H, State W/H, Local W/H

2] That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

3] That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

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---Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in Section 4(c) below.

(c) EXCEPTION (CRAFT) EXPLANATION

REMARKS

Name and title

signature

Lori Rodgers /PAYROLL MGR.

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Job
AMIS
1908 Seymour
Cincinnati, OH 45237

Contractor
Feldkamp Enterprises, Inc.
3642 Muddy Creek
Cincinnati, OH 45238

Customer
Turner/DAG/TYS
2315 Iowa Avenue
Cincinnati, OH 45206

Job Number: 1239
Week Ending: 8/8/2010

Name / Address	Class Mar Exemp.	Hours Worked This Job									Pay Rate	Gross Pay This Job All Jobs	--- Deductions ---		Check #
		08/02 Mon	08/03 Tue	08/04 Wed	08/05 Thu	08/06 Fri	08/07 Sat	08/08 Sun	Tot	Fed. Fica Med State			Local Other Total	Net Pay	
Anthony Flowers 1761 Culver Ct. Apt. 5 Amelia, OH 45102	R: Single WHITE Male	8.00	8.00	0.00	0.00	8.00	0.00	0.00	24.00	19.000	456.00	78.36	15.96		
	pipfitters/plumbers									+2.990FR.		47.12	181.32		
	0 O:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	760.00	11.02		408.54	
										+0.000FR.	40hrs	17.68	351.46		
	Fringe Rate Amount	HEALTH 2.180 52.32	HOLIDAY 0.440 10.56	VACATION 0.370 8.88	Total 2.990 71.76										
	Deduction Amount	401 LOAN 11.53	401K 38.00	HEALTH 55.22	SUPPORT 71.98	VOL LIFE 4.59	Total 181.32								
	Regular Overtime	Hours 24.00 0.00 24.00	Pay 456.00 0.00 456.00												

I, Lori Rodgers (name of signatory part), PAYROLL MGR. (title) do hereby state:

1] That I pay or supervise the payment of the persons employed by Feldkamp Enterprises, Inc. on the AMIS that during the payroll period commencing on 8/2/2010 and ending 8/8/2010, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said Feldkamp Enterprises, Inc. (Subcontractor) from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. 276c), and described below:

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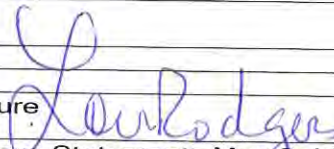
EXPLANATION

REMARKS

Name and title

Lori Rodgers /PAYROLL MGR.

signature



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AMIS
1908 Seymour
Cincinnati, OH 45237

Contractor
Feldkamp Enterprises, Inc.
3642 Muddy Creek
Cincinnati, OH 45238

Customer
Turner/DAG/TYS
2315 Iowa Avenue
Cincinnati, OH 45206

Job Number: 1239
Week Ending: 8/15/2010

Name / Address	Class Mar Exemp.	Hours Worked This Job								Pay Rate	Gross Pay This Job All Jobs	--- Deductions ---		
		08/09 Mon	08/10 Tue	08/11 Wed	08/12 Thu	08/13 Fri	08/14 Sat	08/15 Sun	Tot			Fed. Fica Med State	Local Other Total	Check # Net Pay
		Hours		Pay										
	Regular	0.00		0.00										
	Overtime	0.00		0.00										
		0.00		0.00										

I, Lori Rodgers (name of signatory part), PAYROLL MGR. (title) do hereby state:

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EXPLANATION

REMARKS

Name and title

Lori Rodgers /PAYROLL MGR.

signature

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Turner  **TYS**
Rebuilding Cincinnati Public Schools

August 31, 2010

Angie Tolle
Cincinnati Public Schools
2315 Iowa Avenue
Cincinnati, OH 45206


Dear Angie:

Attached is **Pay Application** for the AMIS School, please process payment for the **October 1, 2010** check distribution.

Contractor	Application #	Monthly Billing	Total Billing To Date	Contract Amount to Date
BP#6 Beacon	#17	\$98,996.15	\$1,360,404.34	\$1,373,725.00
BP# 3&5 Feldkamp	#18	\$ 8,000.00	\$1,251,193.00	\$1,280,719.00

Please call if you have any questions.

Sincerely,
TURNER/DAG/TYS


Kimberly Metz
Asst. Accountant

Attachments

cc: Steve Karoly – GBBN Architects
Randy Newton - Turner/DAG/TYS
File 00250 -14591MA

T:PROJECTS/AMIS/00250 Pay Application/2010-08-31 Combined Pay app.doc

APPLICATION AND CERTIFICATE FOR PAYMENT

TO OWNER: CPS/Turner Construction
2315 Iowa Avenue
Cincinnati, Ohio 45206

PROJECT: Amis
1908 Seymour
Cincinnati, Ohio 45238

APPLICATION No: 18.00
PERIOD TO: 08/31/10
PROJECT NOS:
CONTRACT DATE: 12/16/08

1239-18

FROM CONTRACTOR: Feldkamp Enterprises, Inc.
3642 Muddy Creek Road
Cincinnati, Ohio 45238

VIA ARCHITECT:

CONTRACT FOR: HVAC - Piping - Plumbing

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment as shown below, in connection with the Contract
Continuation sheet is attached.

1. ORIGINAL CONTRACT SUM.....\$	1,268,000.00
2. Net Change by Change Orders.....\$	12,719.00
3. CONTRACT SUM TO DATE.....\$	1,280,719.00
4. TOTAL COMPLETED & STORED TO DATE.....\$	1,251,193.00
5. RETAINAGE	
a. 8-50% of Completed Labor.....\$	30266.80
b. 8% of Stored Material.....\$	0.00
Total Retainage.....\$	30,266.80
6. TOTAL EARNED LESS RETAINAGE.....\$	1,220,926.20
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT.....\$	1,212,926.20
8. CURRENT PAYMENT DUE.....\$	8,000.00
9. BALANCE TO FINISH, INCLUDING RETAINAGE.....\$	59,792.80

Change Order/Contract	ADDITIONS	DEDUCTIONS
Total Changes approved in Previous months by Owner		
Total approved this month		
TOTALS		
NET CHANGES by Change Order		

The Contractor certified that the work covered by this pay request has been completed in accordance with the Contract Documents and that all progress payments previously paid by the State have been applied by the Contractor to discharge in full all of Contractor's obligations incurred in connection with the work covered by all prior pay requests.

Chad J. Feldkamp
Contractor

August 31, 2010
Date

Patricia A. Huckle
Notary Public, State of Ohio

Based upon on-site observations, the firm affirms that the work has progressed to the percentage of completeness indicated on the pay request.

PATRICIA A. HUCKLE
Notary Public, State of Ohio
My Commission Expires 01-26-2013

[Signature]
Architect

8/31/10
Date

Randy Newton
Construction Manager

8-30-10
Date

Approved:

School District Treasurer

Date

The Ohio School Facilities Commission

10 West Broad Street
Suite 1400
Columbus, Ohio 43215

Contractor's Name: Feldkamp Enterprises, Inc.
Address: 3642 Muddy Creek Road

Contractor Pay Application Summary

Project Name: AMIS
Bid Package No.

1	Original Contract Amount	\$	1,268,000.00
2	Net Changes to Date	\$	12,719.00
3	Current Contract Amount	\$	1,280,719.00
4	Labor Completed to Date	\$	777,693.00
5	Material Completed to Date	\$	473,500.00
6	Total Work Completed to Date	\$	1,251,193.00
7	Store Material to Date	\$	0.00
8	Less Retained to Date	\$	30,266.80
9	Total Amount Due	\$	1,220,926.20
10	Less Previous Payments	\$	1,212,926.20
11	Less Amount Retained to Cover Lien	\$	0.00
12	Less Amount Retained for Liquidated Damages	\$	0.00
13	Less Other Amounts Withheld	\$	0.00
14	Current Due	\$	8,000.00
15	Balance to Complete	\$	59,792.80

OSFC approval required for the following contract adjustments:

- 1. Assessment of liquidated damages
- 2. Other amounts withheld

Ohio School Facilities Commission

Date

Comments:

CONTINUATION SHEET

ITEM NUMBER	DESCRIPTION OF WORK		SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED	TOTAL COMPLETED & STORED TO DATE	%	BALANCE TO FINISH	RETAINAGE
				PREVIOUS APPS.	THIS PERIOD					
1.00	SUPERVISION/MEETINGS	LABOR	9,000.00	9,000.00	0.00	0.00	9,000.00	100.00%	0.00	360.00
2.00	PERMITS AND FEES	LABOR	5,500.00	5,500.00	0.00	0.00	5,500.00	100.00%	0.00	220.00
3.00	PLUMBING BOND	LABOR	5,800.00	5,800.00	0.00	0.00	5,800.00	100.00%	0.00	224.00
4.00	HVAC BOND	LABOR	17,000.00	17,000.00	0.00	0.00	17,000.00	100.00%	0.00	680.00
5.00	PLUMBING ALLOWANCE	LABOR	10,000.00	9,923.00	0.00	0.00	9,923.00	99.23%	77.00	386.92
6.00	HVAC GENERAL ALLOWANCE	LABOR	10,000.00	5,551.00	0.00	0.00	5,551.00	55.51%	4,449.00	222.04
7.00	HVAC DEHUMIDIFICATION ALLOWANCE	LABOR	25,000.00	0.00	0.00	0.00	0.00	0.00%	25,000.00	0.00
8.00	PLUMBING CLOSE-OUT DOCUMENTS	LABOR	15,000.00	12,000.00	3,000.00	0.00	15,000.00	100.00%	0.00	800.00
9.00	HVAC CLOSE-OUT DOCUMENTS	LABOR	25,000.00	20,000.00	5,000.00	0.00	25,000.00	100.00%	0.00	1,000.00
10.00	SUBMITTALS	LABOR	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	200.00
11.00	L Belowgrade Sant Area A	LABOR	24,000.00	24,000.00	0.00	0.00	24,000.00	100.00%	0.00	960.00
12.00	M Belowgrade Sant Area A	MATERIAL	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00%	0.00	0.00
13.00	L Belowgrade Sant Area B	LABOR	22,000.00	22,000.00	0.00	0.00	22,000.00	100.00%	0.00	880.00
14.00	M Belowgrade Sant Area B	MATERIAL	9,000.00	9,000.00	0.00	0.00	9,000.00	100.00%	0.00	0.00
15.00	L Abovegrade Waste/Vent Area A	LABOR	14,000.00	14,000.00	0.00	0.00	14,000.00	100.00%	0.00	1,120.00
16.00	M Abovegrade Waste/Vent Area A	MATERIAL	9,000.00	9,000.00	0.00	0.00	9,000.00	100.00%	0.00	0.00
17.00	L Abovegrade Waste/Vent 1st Fir Area B	LABOR	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00%	0.00	600.00
18.00	M Abovegrade Waste/Vent 1st Fir Area B	MATERIAL	7,000.00	7,000.00	0.00	0.00	7,000.00	100.00%	0.00	0.00
19.00	L Abovegrade Waste/Vent 2nd Fir Area B	LABOR	8,000.00	8,000.00	0.00	0.00	8,000.00	100.00%	0.00	640.00
20.00	M Abovegrade Waste/Vent 2nd Fir Area B	MATERIAL	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
21.00	L Domestic Water Area A	LABOR	34,100.00	34,100.00	0.00	0.00	34,100.00	100.00%	0.00	2,728.00
22.00	M Domestic Water Area A	MATERIAL	12,000.00	12,000.00	0.00	0.00	12,000.00	100.00%	0.00	0.00
23.00	L Domestic Water 1st Fir Area B	LABOR	20,000.00	20,000.00	0.00	0.00	20,000.00	100.00%	0.00	1,600.00
24.00	M Domestic Water 1st Fir Area B	MATERIAL	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00%	0.00	0.00
25.00	L Domestic Water 2nd Fir Area B	LABOR	18,000.00	18,000.00	0.00	0.00	18,000.00	100.00%	0.00	1,440.00
26.00	M Domestic Water 2nd Fir Area B	MATERIAL	9,000.00	9,000.00	0.00	0.00	9,000.00	100.00%	0.00	0.00
27.00	L Gas Piping Area A	LABOR	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	400.00
28.00	M Gas Piping Area A	MATERIAL	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00%	0.00	48.00
29.00	L Acid Waste Piping 2nd Fir Area B	LABOR	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	240.00
30.00	M Acid Waste Piping 2nd Fir Area B	MATERIAL	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00%	0.00	0.00
31.00	L Air Piping 2nd Fir Area B	LABOR	2,500.00	2,500.00	0.00	0.00	2,500.00	100.00%	0.00	200.00
32.00	M Air Piping 2nd Fir Area B	MATERIAL	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00%	0.00	0.00
33.00	L Drains, Carriers, Closeouts Area A	LABOR	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	400.00
34.00	M Drains, Carriers, Closeouts Area A	MATERIAL	4,800.00	4,800.00	0.00	0.00	4,800.00	100.00%	0.00	0.00
35.00	L Drains, Carriers, Closeouts Area B	LABOR	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00%	0.00	320.00
36.00	M Drains, Carriers, Closeouts Area B	MATERIAL	4,200.00	4,200.00	0.00	0.00	4,200.00	100.00%	0.00	0.00
37.00	L Drains, Carriers, Cleanouts 2nd Fir Area B	LABOR	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	160.00
38.00	M Drains, Carriers, Cleanouts 2nd Fir Area B	MATERIAL	1,100.00	1,100.00	0.00	0.00	1,100.00	100.00%	0.00	0.00
39.00	L Plumbing Fixtures Area A	LABOR	13,000.00	13,000.00	0.00	0.00	13,000.00	100.00%	0.00	1,040.00
40.00	M Plumbing Fixtures Area A	MATERIAL	15,000.00	15,000.00	0.00	0.00	15,000.00	100.00%	0.00	1,200.00
41.00	L Plumbing Fixtures 1st Fir Area B	LABOR	12,000.00	12,000.00	0.00	0.00	12,000.00	100.00%	0.00	480.00
42.00	M Plumbing Fixtures 1st Fir Area B	MATERIAL	11,000.00	11,000.00	0.00	0.00	11,000.00	100.00%	0.00	880.00
43.00	L Plumbing Fixtures 2nd Fir Area B	LABOR	11,000.00	11,000.00	0.00	0.00	11,000.00	100.00%	0.00	440.00
44.00	M Plumbing Fixtures 2nd Fir Area B	MATERIAL	8,000.00	8,000.00	0.00	0.00	8,000.00	100.00%	0.00	640.00
45.00	L Heat Trace Area A	LABOR	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00%	0.00	160.00
46.00	M Heat Trace Area A	MATERIAL	8,000.00	8,000.00	0.00	0.00	8,000.00	100.00%	0.00	0.00
47.00	L Heat Trace 1st Fir Area B	LABOR	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	120.00
48.00	M Heat Trace 1st Fir Area B	MATERIAL	7,000.00	7,000.00	0.00	0.00	7,000.00	100.00%	0.00	0.00
49.00	L Heat Trace 2nd Fir Area B	LABOR	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00%	0.00	40.00
50.00	M Heat Trace 2nd Fir Area B	MATERIAL	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	0.00
51.00	L Insulation Area A	LABOR	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00%	0.00	160.00
52.00	M Insulation Area A	MATERIAL	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	0.00
53.00	L Insulation 1st Fir Area B	LABOR	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	120.00
54.00	M Insulation 1st Fir Area B	MATERIAL	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
55.00	L Insulation 2nd Fir Area B	LABOR	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	80.00
56.00	M Insulation 2nd Fir Area B	MATERIAL	1,000.00	1,000.00	0.00	0.00	1,000.00	100.00%	0.00	0.00
57.00	L Site Sanitary	LABOR	6,300.00	6,300.00	0.00	0.00	6,300.00	100.00%	0.00	252.00
58.00	M Site Sanitary	MATERIAL	4,000.00	4,000.00	0.00	0.00	4,000.00	100.00%	0.00	0.00
59.00	L Site Water	LABOR	54,000.00	54,000.00	0.00	0.00	54,000.00	100.00%	0.00	2,160.00
60.00	M Site Water	MATERIAL	38,000.00	38,000.00	0.00	0.00	38,000.00	100.00%	0.00	0.00
61.00	L Site Gas Excavation	LABOR	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	120.00
62.00	M Site Gas Excavation	MATERIAL	1,900.00	1,900.00	0.00	0.00	1,900.00	100.00%	0.00	0.00
63.00	M 1st Fir A Piping	MATERIAL	22,750.00	22,750.00	0.00	0.00	22,750.00	100.00%	0.00	0.00
64.00	L 1st Fir A Piping	LABOR	36,370.00	36,370.00	0.00	0.00	36,370.00	100.00%	0.00	1,454.80

ITEM NUMBER	DESCRIPTION OF WORK		SCHEDULED VALUE	WORK COMPLETED		MATERIALS PRESENTLY STORED	TOTAL COMPLETED & STORED TO DATE	%	BALANCE TO FINISH	RETAINAGE
				PREVIOUS APPS.	THIS PERIOD					
65.00	M 1st Fir A Insulation	MATERIAL	7,400.00	7,400.00	0.00	0.00	7,400.00	100.00%	0.00	0.00
66.00	L 1st Fir A Insulation	LABOR	11,100.00	11,100.00	0.00	0.00	11,100.00	100.00%	0.00	444.00
67.00	M 1st Fir A Temp Control	MATERIAL	6,450.00	6,450.00	0.00	0.00	6,450.00	100.00%	0.00	516.00
68.00	L 1st Fir A Temp Control	LABOR	9,700.00	9,700.00	0.00	0.00	9,700.00	100.00%	0.00	388.00
69.00	M 1st Fir B Piping	MATERIAL	22,750.00	22,750.00	0.00	0.00	22,750.00	100.00%	0.00	0.00
70.00	L 1st Fir B Piping	LABOR	38,370.00	38,370.00	0.00	0.00	38,370.00	100.00%	0.00	1,454.80
71.00	M 1st Fir B Insulation	MATERIAL	7,400.00	7,400.00	0.00	0.00	7,400.00	100.00%	0.00	0.00
72.00	L 1st Fir B Insulation	LABOR	11,100.00	11,100.00	0.00	0.00	11,100.00	100.00%	0.00	444.00
73.00	M 1st Fir B Temp Control	MATERIAL	8,450.00	8,450.00	0.00	0.00	8,450.00	100.00%	0.00	516.00
74.00	L 1st Fir B Temp Control	LABOR	9,700.00	9,700.00	0.00	0.00	9,700.00	100.00%	0.00	388.00
75.00	M 2nd Fir B Piping	MATERIAL	17,750.00	17,750.00	0.00	0.00	17,750.00	100.00%	0.00	0.00
76.00	L 2nd Fir B Piping	LABOR	31,370.00	31,370.00	0.00	0.00	31,370.00	100.00%	0.00	1,254.80
77.00	M 2nd Fir B Insulation	MATERIAL	7,400.00	7,400.00	0.00	0.00	7,400.00	100.00%	0.00	0.00
78.00	L 2nd Fir B Insulation	LABOR	11,100.00	11,100.00	0.00	0.00	11,100.00	100.00%	0.00	444.00
79.00	M 2nd Fir B Temp Control	MATERIAL	6,450.00	6,450.00	0.00	0.00	6,450.00	100.00%	0.00	516.00
80.00	L 2nd Fir B Temp Control	LABOR	9,700.00	9,700.00	0.00	0.00	9,700.00	100.00%	0.00	388.00
81.00	M Set HVAC Equipment	MATERIAL	14,000.00	14,000.00	0.00	0.00	14,000.00	100.00%	0.00	0.00
82.00	L Set HVAC Equipment	LABOR	20,424.00	20,424.00	0.00	0.00	20,424.00	100.00%	0.00	816.96
83.00	M Mech Room Piping	MATERIAL	17,750.00	17,750.00	0.00	0.00	17,750.00	100.00%	0.00	0.00
84.00	L Mech Room Piping	LABOR	32,866.00	32,866.00	0.00	0.00	32,866.00	100.00%	0.00	1,314.84
85.00	L Air/Water Balance	LABOR	11,000.00	11,000.00	0.00	0.00	11,000.00	100.00%	0.00	440.00
86.00	M Mech Room Temp Control	MATERIAL	6,450.00	6,450.00	0.00	0.00	6,450.00	100.00%	0.00	516.00
87.00	L Mech Room Temp Control	LABOR	9,700.00	9,700.00	0.00	0.00	9,700.00	100.00%	0.00	388.00
88.00	M Mech Room Insulation	MATERIAL	7,400.00	7,400.00	0.00	0.00	7,400.00	100.00%	0.00	0.00
89.00	L Mech Room Insulation	LABOR	11,100.00	11,100.00	0.00	0.00	11,100.00	100.00%	0.00	444.00
90.00	L Sheet Metal Coordination Drawings	LABOR	25,000.00	25,000.00	0.00	0.00	25,000.00	100.00%	0.00	1,000.00
91.00	M Sheet Metal Coordination Drawings	MATERIAL	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
92.00	L H201-A Duct	LABOR	42,000.00	42,000.00	0.00	0.00	42,000.00	100.00%	0.00	1,680.00
93.00	M H201-A Duct	MATERIAL	35,000.00	35,000.00	0.00	0.00	35,000.00	100.00%	0.00	0.00
94.00	L H201-A Air Devices/Finals	LABOR	2,500.00	2,500.00	0.00	0.00	2,500.00	100.00%	0.00	100.00
95.00	M H201-A Air Devices/Finals	MATERIAL	2,500.00	2,500.00	0.00	0.00	2,500.00	100.00%	0.00	0.00
96.00	L H201-B Duct	LABOR	28,000.00	28,000.00	0.00	0.00	28,000.00	100.00%	0.00	1,040.00
97.00	M H201-B Duct	MATERIAL	19,800.00	19,800.00	0.00	0.00	19,800.00	100.00%	0.00	0.00
98.00	L H201-B Air Devices/Finals	LABOR	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	80.00
99.00	M H201-B Air Devices/Finals	MATERIAL	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
100.00	L H202-A Duct	LABOR	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	200.00
101.00	M H202-A Duct	MATERIAL	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	0.00
102.00	L H202-A Air Devices/Finals	LABOR	200.00	200.00	0.00	0.00	200.00	100.00%	0.00	8.00
103.00	M H202-A Air Devices/Finals	MATERIAL	200.00	200.00	0.00	0.00	200.00	100.00%	0.00	0.00
104.00	L H202-A Gym Duct/Air Devices	LABOR	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	200.00
105.00	M H202-A Gym Duct/Air Devices	MATERIAL	5,000.00	5,000.00	0.00	0.00	5,000.00	100.00%	0.00	0.00
106.00	L H202-B Duct	LABOR	20,000.00	20,000.00	0.00	0.00	20,000.00	100.00%	0.00	800.00
107.00	M H202-B Duct	MATERIAL	17,000.00	17,000.00	0.00	0.00	17,000.00	100.00%	0.00	0.00
108.00	L H202-B Air Devices/Finals	LABOR	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	80.00
109.00	M H202-B Air Devices/Finals	MATERIAL	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	0.00
110.00	L H201 Mech Room Duct	LABOR	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00%	0.00	400.00
111.00	M H201 Mech Room Duct	MATERIAL	10,000.00	10,000.00	0.00	0.00	10,000.00	100.00%	0.00	0.00
112.00	L Boiler Flues	LABOR	2,000.00	2,000.00	0.00	0.00	2,000.00	100.00%	0.00	80.00
113.00	M Boiler Flues	MATERIAL	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	0.00
114.00	L Set Curbs	LABOR	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	120.00
115.00	M Set Curbs	MATERIAL	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	0.00
116.00	L Fans and Vents	LABOR	3,000.00	3,000.00	0.00	0.00	3,000.00	100.00%	0.00	120.00
117.00	M Fans and Vents	MATERIAL	8,000.00	8,000.00	0.00	0.00	8,000.00	100.00%	0.00	0.00
118.00	CO #2 - PCO-26	LABOR	1,835.00	1,835.00	0.00	0.00	1,835.00	100.00%	0.00	73.40
120.00	CO #3 - PCO #064	LABOR	2,322.00	2,322.00	0.00	0.00	2,322.00	100.00%	0.00	92.88
121.00	CO #4 - Gas & Generator Usage	LABOR	2,870.00	2,870.00	0.00	0.00	2,870.00	100.00%	0.00	106.80
122.00	CO #5 - Eye Wash	LABOR	3,593.00	3,593.00	0.00	0.00	3,593.00	100.00%	0.00	143.72
123.00	CO #6 Camera - Sewer	LABOR	2,299.00	2,299.00	0.00	0.00	2,299.00	100.00%	0.00	0.00
	TOTAL		1,280,719.00	1,243,193.00	8,000.00	0.00	1,251,193.00	97.69%	29,526.00	30,266.80

Certified Payroll Register

Job
 AMIS
 1908 Seymour
 Cincinnati, OH 45237

Contractor
 Feldkamp Enterprises, Inc.
 3642 Muddy Creek
 Cincinnati, OH 45238

Customer
 Turner/DAG/TYS
 2315 Iowa Avenue
 Cincinnati, OH 45206

Job Number: 1239
 Week Ending: 7/25/2010

Name and Address	Class	Hours Worked This Job								Tot	Pay Rate	Gross Pay This Job All Jobs	Deductions		Check #
		07/19 Mon	07/20 Tue	07/21 Wed	07/22 Thu	07/23 Fri	07/24 Sat	07/25 Sun	Fed. Fica Med State				Local Other Total	Net Pay	
Larry L. Poff 1882 S.R. 133 Bethel, OH 45106	R:	0.00	0.00	0.00	5.00	0.00	0.00	0.00	5.00	21.000	105.00	54.94	9.76		
	Sheet Metal Wkr.									+1.300FR.		52.08	227.75		
	Married 2 O:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	840.00	12.18		459.72	
	WHITE Male									+0.000FR.	40hrs	23.57	380.28		
	Fringe Rate	HOLIDAY VACATION		Total											
	Amount	2.45	4.05	6.50											
	Deduction Amount	401 LOAN	ADVANCE	SUPPORT	VOL LIFE	Total									
		44.81	50.00	128.86	4.08	227.75									
	R:	8.00	8.00	8.00	8.00	8.00	0.00	0.00	40.00	25.000	1000.00	78.19	22.50		
	Demetrius D. Taylor 231 S. Findlay Street Dayton, Oh 45403	pipfitters/plumbers									+1.060FR.		62.00	34.81	
Married 3 O:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	1001.38	14.50		749.66		
BLACK Male									+0.000FR.	40hrs	39.72	251.72			
Fringe Rate	HOLIDAY VACATION		Total												
Amount	23.20	19.20	42.40												
Deduction Amount	401K	HEALTH	Total												
	30.00	4.81	34.81												
Regular	<u>Hours</u>	<u>Pay</u>													
Overtime	45.00	1,105.00													
	0.00	0.00													
	45.00	1,105.00													

Job
AMIS
1908 Seymour
Cincinnati, OH 45237

Contractor
Feldkamp Enterprises, Inc.
3642 Muddy Creek
Cincinnati, OH 45238

Customer
Turner/DAG/TYS
2315 Iowa Avenue
Cincinnati, OH 45206

Job Number: 1239
Week Ending: 7/25/2010

I, Lori Rodgers (name of signatory part), PAYROLL MGR. (title) do hereby state:

1] That I pay or supervise the payment of the persons employed by Feldkamp Enterprises, Inc. on the AMIS that during the payroll period commencing on 7/19/2010 and ending 7/25/2010, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said Feldkamp Enterprises, Inc. (Subcontractor) from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. 276c), and described below:

____ Fica, Federal W/H, State W/H, Local W/H _____

2] That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

3] That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

4] That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

XX---In addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4(c) below.

(B) WHERE FRINGE BENEFITS ARE PAID IN CASH

---Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in Section 4(c) below.

(c) EXCEPTION (CRAFT)

EXPLANATION

REMARKS

Name and title

signature

Lori Rodgers /PAYROLL MGR.

The Willful Falsification Of Any Of The Above Statements May Subject The Contractor Or SubContractor To Civil Or Criminal Prosecution. See Section 1001 Of Title 18 And Section 231 Of Title 31 Of The United States.

Certified Payroll Register

Job
 AMIS
 1908 Seymour
 Cincinnati, OH 45237

Contractor
 Feldkamp Enterprises, Inc.
 3642 Muddy Creek
 Cincinnati, OH 45238

Customer
 Turner/DAG/TYS
 2315 Iowa Avenue
 Cincinnati, OH 45206

Job Number: 1239
Week Ending: 8/1/2010

Name / Address	Class Mar Exemp.	Hours Worked This Job									Pay Rate	Gross Pay This Job All Jobs	--- Deductions ---		Check #
		07/26 Mon	07/27 Tue	07/28 Wed	07/29 Thu	07/30 Fri	07/31 Sat	08/01 Sun	Tot	Fed. Fica Med State			Local Other Total	Net Pay	
Larry L. Poff 1882 S.R. 133 Bethel, OH 45106	R: 0.00 Sheet Metal Wkr. Married 2 O: 0.00 WHITE Male	0.00	0.00	8.00	8.00	0.00	0.00	0.00	0.00	16.00	21.000 +1.300FR. +0.000FR.	336.00 855.53 40hrs	54.94 52.08 12.18 23.57	10.64 227.75 381.16	474.37
	Fringe Rate	HOLIDAY VACATION			Total										
	Amount	7.84	12.96	20.80											
	Deduction Amount	401 LOAN	ADVANCE	SUPPORT	VOL LIFE	Total									
	Amount	44.81	50.00	128.86	4.08	227.75									
Jason H. Price 1270 Deblin Dr. Milford, OH 45150	R: 0.00 Apprentice 85% Single 0 O: 0.00 WHITE Male	0.00	0.00	5.00	0.00	0.00	0.00	0.00	5.00	16.000 +1.690FR. +0.000FR.	80.00 592.00 37hrs	58.52 36.70 8.58 13.10	3.50 57.49 177.89	414.11	
	Fringe Rate	HEALTH		HOLIDAY VACATION		Total									
	Amount	5.05	1.85	1.55	8.45										
	Deduction Amount	DENTAL	HEALTH	Total											
	Amount	18.19	39.30	57.49											
	Regular	<u>Hours</u>	<u>Pay</u>												
	Overtime	21.00	416.00												
		0.00	0.00												
		<u>21.00</u>	<u>416.00</u>												

Job
AMIS
1908 Seymour
Cincinnati, OH 45237

Contractor
Feldkamp Enterprises, Inc.
3642 Muddy Creek
Cincinnati, OH 45238

Customer
Turner/DAG/TYS
2315 Iowa Avenue
Cincinnati, OH 45206

Job Number: 1239
Week Ending: 8/1/2010

I, Lori Rodgers (name of signatory part), PAYROLL MGR. (title) do hereby state:

1] That I pay or supervise the payment of the persons employed by Feldkamp Enterprises, Inc. on the AMIS that during the payroll period commencing on 7/26/2010 and ending 8/1/2010, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said Feldkamp Enterprises, Inc. (Subcontractor) from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. 276c), and described below:

Fica, Federal W/H, State W/H, Local W/H

2] That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

3] That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

4] That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

XX---In addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4(c) below.

(B) WHERE FRINGE BENEFITS ARE PAID IN CASH

---Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in Section 4(c) below.

(c) EXCEPTION (CRAFT) EXPLANATION

REMARKS

Name and title

signature

Lori Rodgers /PAYROLL MGR.

The Willful Falsification Of Any Of The Above Statements May Subject The Contractor Or SubContractor To Civil Or Criminal Prosecution. See Section 1001 Of Title 18 And Section 231 Of Title 31 Of The United States.

Job
AMIS
1908 Seymour
Cincinnati, OH 45237

Contractor
Feldkamp Enterprises, Inc.
3642 Muddy Creek
Cincinnati, OH 45238

Customer
Turner/DAG/TYS
2315 Iowa Avenue
Cincinnati, OH 45206

Job Number: 1239
Week Ending: 8/8/2010

Name / Address	Class Mar Exemp.	Hours Worked This Job									Pay Rate	Gross Pay This Job All Jobs	--- Deductions ---		Check #
		08/02 Mon	08/03 Tue	08/04 Wed	08/05 Thu	08/06 Fri	08/07 Sat	08/08 Sun	Tot	Fed. Fica Med State			Local Other Total	Net Pay	
Anthony Flowers 1761 Culver Ct. Apt. 5 Amelia, OH 45102	R: Single WHITE Male	8.00	8.00	0.00	0.00	8.00	0.00	0.00	24.00	19.000	456.00	78.36	15.96		
	pipfitters/plumbers									+2.990FR.		47.12	181.32		
	0 O:	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.000	760.00	11.02		408.54	
										+0.000FR.	40hrs	17.68	351.46		
	Fringe Rate	HEALTH	HOLIDAY	VACATION	Total										
	Amount	2,180	0.440	0.370	2,990										
		52.32	10.56	8.88	71.76										
	Deduction Amount	401 LOAN	401K	HEALTH SUPPORT	VOL LIFE	Total									
		11.53	38.00	55.22	71.98	4.59	181.32								
	Regular	Hours	Pay												
	Overtime	24.00	456.00												
		0.00	0.00												
		24.00	456.00												

I, Lori Rodgers (name of signatory part), PAYROLL MGR. (title) do hereby state:

1] That I pay or supervise the payment of the persons employed by Feldkamp Enterprises, Inc. on the AMIS that during the payroll period commencing on 8/2/2010 and ending 8/8/2010, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said Feldkamp Enterprises, Inc. (Subcontractor) from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. 276c), and described below:

____ Fica, Federal W/H, State W/H, Local W/H _____

2] That any payrolls otherwise under this contract required to be submitted for the above period are correct and complete; that the wage rates for laborers or mechanics contained therein are not less than the applicable wage rates contained in any wage determination incorporated into the contract; that the classifications set forth therein for each laborer or mechanic conform with the work he performed.

3] That any apprentices employed in the above period are duly registered in a bona fide apprenticeship program registered with a State apprenticeship agency recognized by the Bureau of Apprenticeship and Training, United States Department of Labor, or if no such recognized agency exists in a State, are registered with the Bureau of Apprenticeship and Training, United States Department of Labor.

4] That:

(a) WHERE FRINGE BENEFITS ARE PAID TO APPROVED PLANS, FUNDS, OR PROGRAMS

XX---In addition to the basic hourly wage rates paid to each laborer or mechanic listed in the above referenced payroll, payments of fringe benefits as listed in the contract have been or will be made to appropriate programs for the benefit of such employees, except as noted in Section 4(c) below.

(B) WHERE FRINGE BENEFITS ARE PAID IN CASH

---Each laborer or mechanic listed in the above referenced payroll has been paid, as indicated on the payroll, an amount not less than the sum of the applicable basic hourly wage rate plus the amount of the required fringe benefits as listed in the contract, except as noted in Section 4(c) below.

(c) EXCEPTION (CRAFT)

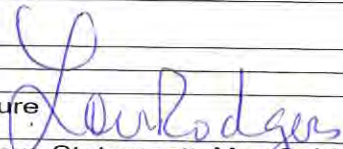
EXPLANATION

REMARKS

Name and title

Lori Rodgers /PAYROLL MGR.

signature



The Willful Falsification Of Any Of The Above Statements May Subject The Contractor Or SubContractor To Civil Or Criminal Prosecution. See Section 1001 Of Title 18 And Section 231 Of Title 31 Of The United States.

Job
AMIS
1908 Seymour
Cincinnati, OH 45237

Contractor
Feldkamp Enterprises, Inc.
3642 Muddy Creek
Cincinnati, OH 45238

Customer
Turner/DAG/TYS
2315 Iowa Avenue
Cincinnati, OH 45206

Job Number: 1239
Week Ending: 8/15/2010

Name / Address	Class Mar Exemp.	Hours Worked This Job								Pay Rate	Gross Pay This Job All Jobs	--- Deductions ---			Check #
		08/09 Mon	08/10 Tue	08/11 Wed	08/12 Thu	08/13 Fri	08/14 Sat	08/15 Sun	Tot			Fed. Fica Med State	Local Other Total	Net Pay	
	Regular	0.00	0.00												
	Overtime	0.00	0.00												
		0.00	0.00												

I, Lori Rodgers (name of signatory part), PAYROLL MGR. (title) do hereby state:

1] That I pay or supervise the payment of the persons employed by Feldkamp Enterprises, Inc. on the AMIS that during the payroll period commencing on 8/9/2010 and ending 8/15/2010, all persons employed on said project have been paid the full weekly wages earned, that no rebates have been or will be made either directly or indirectly to or on behalf of said Feldkamp Enterprises, Inc. (Subcontractor) from the full weekly wages earned by any person and that no deductions have been made either directly or indirectly from the full wages earned by any person, other than permissible deductions as defined in Regulations, Part 3 (29 CFR Subtitle A), issued by the Secretary of Labor under the Copeland Act, as amended (48 Stat. 948, 63 Stat. 108, 72 Stat. 967; 76 Stat. 357; 40 U.S.C. 276c), and described below:

Fica, Federal W/H, State W/H, Local W/H

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(c) EXCEPTION (CRAFT)

EXPLANATION

REMARKS

Name and title

signature

Lori Rodgers /PAYROLL MGR.

The Willful Falsification Of Any Of The Above Statements May Subject The Contractor Or SubContractor To Civil Or Criminal Prosecution. See Section 1001 Of Title 18 And Section 231 Of Title 31 Of The United States.

Technical Data Sheet for AHU-1

JOB NAME	5UX609(XX.000)	REP. OFFICE	ElitAire - Columbus
JOB DESCRIPTION	AMIS	SALESPERSON	MG
MODEL NUMBER	CAH042GDAM	ENGINEER	
UNIT TAGGING	AHU-1	VERSION	8.84

Unit configuration	Stacked with opposed air flows		
Drive (handing) location	Right		
	SUPPLY	RETURN / EXHAUST	
Air volume	18000	18000	s cfm
Altitude	0	0	ft
Turning loss	0.00	0.00	in WC.
External static	2.50	1.50	in WC.
Total static	6.27	4.05	in WC.
External H x W	68 x 114	68 x 114 (Not including base rails)	ins

CASING DETAILS	
Outer panel	Standard G90 galv steel (unpainted)
Liner	Galvanized steel (Unless noted per section)
Insulation	R-13 Injected Foam (Unless noted per section)
Frame	2 ins
Base	6" formed channel
Sound baffles	None (unless noted per section)
Tread Plate floor liner	None (unless noted per section)

3 Energy Recovery Section (24 ins)				SECTION	3
Heat Wheel Model	ECW 604	Exhaust air CFM	18000	CFM	
Media type	Fiber	Electrical Supply Volt	115/60/1	Volt	
Wheel Diameter	60.00 ins	Bypass Damp Opening	10.00 x 110.00 / 10.00 x 110.00	ins	
Supply air CFM	6500 CFM	Supply air PD Sum/WIn	1.25 / 1.12	ins WC	
Supply air FV Sum/WIn	712 / 710 ft/min	Return air CFM	10500	CFM	
Return air PD Sum/WIn	1.95 / 1.76 ins WC	Outdoor air CFM	18000	CFM	
Segmented Wheel	No	Motor HP	0.75		
Summer Conditions			Winter Conditions		
Outside air DB	86.0 F	Outside air DB	-1.0 F		
Outside air WB	72.9 F	Outside air WB	-1.0 F		
Return air DB	77.0 F	Return air DB	72.0 F		
Return air WB	63.9 F	Return air WB	54.0 F		
Supply air DB	79.2 F	Supply air DB	54.1 F		
Supply air WB	66.9 F	Supply air WB	43.7 F		
Exhaust air DB	81.3 F	Exhaust air DB	37.1 F		
Exhaust air WB	68.5 F	Exhaust air WB	33.1 F		
Latent effectiveness	73.34 %	Latent effectiveness	73.34 %		
Sensible effectiveness	78.36 %	Sensible effectiveness	78.36 %		
Total effectiveness	74.89 %	Total effectiveness	77.23 %		
Total Energy Recovered	156387 Btu/hr	Total Energy Recovered	479000 Btu/hr		

120601

3 Energy Recovery Section (24 ins) SECTION 3

Heat Wheel Model	ECW 604	Exhaust air CFM	18000	CFM
Media Type	Fiber	Electrical Supply Volt	230/60/1	Volt
Wheel Diameter	60.00	Bypass Damp Opening	10.00 x 110.00 / 10.00	ins
			x 110.00	
Supply air CFM	6500	Supply air PD Sum/Win	1.25 / 1.12	ins WC
Supply air FV Sum/Win	712 / 710	Return air CFM	10500	CFM
Return air PD Sum/Win	1.95 / 1.76	Outdoor air CFM	18000	CFM
Segmented Wheel	No	Motor HP	0.75	

Summer Conditions

Outside air DB	86.0	F
Outside air WB	72.9	F
Return air DB	77.0	F
Return air WB	63.9	F
Supply air DB	79.2	F
Supply air WB	66.9	F
Exhaust air DB	81.3	F
Exhaust air WB	68.5	F
Latent effectiveness	73.34	%
Sensible effectiveness	78.36	%
Total effectiveness	74.89	%
Total Energy Recovered	156387	Btu/hr

Winter Conditions

Outside air DB	-1.0	F
Outside air WB	-1.0	F
Return air DB	72.0	F
Return air WB	54.0	F
Supply air DB	54.1	F
Supply air WB	43.7	F
Exhaust air DB	37.1	F
Exhaust air WB	33.1	F
Latent effectiveness	73.34	%
Sensible effectiveness	78.36	%
Total effectiveness	77.23	%
Total Energy Recovered	479000	Btu/hr

4 RETURN/EXHAUST FAN SECTION(70 ins) SECTION 1

Air volume	18000	cfm	Motor power	25.0	HP
External static pressure	1.50	ins WC	Motor type	ODP	
Total static pressure	4.05	ins WC	Frame size	284 T frame	
Type	Centrifugal		Electrical supply	460/60/3	
Blade type/Class	Forward curved / 2		Motor efficiency	Premium	
Fan wheel diameter	25.00	ins	Motor speed	1750	rpm
Brake horsepower	18.76	HP	Motor pole	4	
Operating/Max speed	783 / 1011	rpm	Full load current	30.5	A
Orientation	Up blast CW		Lock rotor current	190.3	A
Air modulation	None		Motor supplier	Generic	
Drip pan	None		Actual drive service fac.	1.37	
Drip pan side	-		Bearing type	Standard - L50 (200K)	
Wheel guard	None		Outlet velocity	2655	ft/m
Belt guard	None		Inlet screen	None	
Inspection port	None		Outlet screen	None	

DRIVES

Fan sheave	3B5V110	Motor sheave	3B5V50
Number of belts	3	Belt	5VX610

ANTI-VIBRATION MOUNTS / SPRINGS

Type	Spring
Seismic restraint	With snubbers

DOOR DATA

Door location	Drive side	Window size	6 x 12 ins
Door width	30	Light	Marine light kit and switch only
Door opening	Outward		

7 CHILLED WATER COIL(40 ins) SECTION 9

Coil model	5WL1006B		Number of coils	2	
Total capacity	791399	Btu/h	Number of rows	6	
Sensible capacity	558081	Btu/h	Fins per inch	10	
Air volume	18000	cfm			
Entering db/wb	81.5 / 67.0	F	Entering water	42.0	F
Leaving db/wb	53.1 / 52.5	F	Leaving water	56.2	F
Finned height x length	27 x 101	ins	Water flow rate	114.10	gpm
Face area	37.88	ft ²	Water pressure drop	16.10	ftHD
Face velocity	475	ft/m	Water velocity	4.40	ft/s
Coil air pressure drop	0.69	ins WC			
			Fluid volume	30.0	gal
			Fluid weight	250.00	lb
Connection type	Threaded		Fin material	Aluminum (.0075)	
Connection Qty x size	2 x 2.00	ins	Tube material	Copper (.020)	
Connection location	Drive side		Header material	Copper	
Connection material	Carbon steel		Case material	Stainless steel	
Glycol type (%)	- (0 %)		Drain pan	Stainless steel	
Fouling Factor	0		Drain pan side	Drive side	
Coil code	5WL1006B		Turbospirals	No	
			Electro-fin coat	None	

SPECIAL

Tread Plate floor liner	None
Liner	Stainless steel
Insulation	(As casing details)

8 SUPPLY FAN SECTION(70.ins) SECTION 10

Air volume	18000	cfm	Motor power	25.0	HP
External static pressure	2.60	ins WC	Motor type	ODP	
Total static pressure	6.27	ins WC	Frame size	284 T frame	
Type	-		Electrical supply	460/60/3	
Blade type/Class	Airfoil / 2		Motor efficiency	Premium	
Fan wheel diameter	27.00	ins	Motor speed	1750	rpm
Brake horsepower	23.2	HP	Motor pole	4	
Operating/Max speed	1550 / 1928	rpm	Full load current	30.5	A
Orientation	Top horizontal		Lock rotor current	190.3	A
Air modulation	None		Motor supplier	Generic	
Drip pan	None		Actual drive service fac.	1.33	
Drip pan side	-		Bearing type	Standard - L50 (200K)	
Wheel guard	None		Outlet velocity	2362	ft/m
Belt guard	None		Inlet screen	None	
Inspection port	None		Outlet screen	None	

DRIVES

Fan sheave	3B68Q	Motor sheave	3B5V62
Number of belts	3	Belt	BX66

ANTI-VIBRATION MOUNTS / SPRINGS

Type	Spring
Seismic restraint	With snubbers

DOOR DATA

Door location	Drive side	Window size	6 x 12 ins
Door width	30	Light	Marine light kit and switch only
Door opening	Outward		

NOTES

Technical Data Sheet for AHU-2

JOB NAME	5UX609(XX.003)	REP. OFFICE	ElltAire - Columbus
JOB DESCRIPTION	AMIS	SALESPERSON	MG
MODEL NUMBER	CAH017GDAC	ENGINEER	
UNIT TAGGING	AHU-2	VERSION	8.82

Unit configuration	Stacked with opposed air flows		
Drive (handing) location	Right		
	SUPPLY	RETURN / EXHAUST	
Air volume	8000	8000	s cfm
Altitude	0	0	ft
Turning loss	0.00	0.00	in WC.
External static	2.50	1.25	in WC.
Total static	6.17	3.32	in WC.
External H x W	46 x 80	46 x 80 (Not including base rails)	Ins

CASING DETAILS	
Outer panel	Standard G90 galv steel (unpainted)
Liner	Galvanized steel (Unless noted per section)
Insulation	R-13 Injected Foam (Unless noted per section)
Frame	2 ins
Base	6" formed channel
Sound baffles	None (unless noted per section)
Tread Plate floor liner	None (unless noted per section)

3 Energy Recovery Section (16 ins)				SECTION	3
Heat Wheel Model	ECW 484	Exhaust air CFM	8000	CFM	
Media Type	Fiber	Electrical Supply Volt	115/60/1	Volt	
Wheel Diameter	48.00	Bypass Damp Opening	10.00 x 76.00 / 10.00 x 76.00	ins	
Supply air CFM	4000	Supply air PD Sum/Win	1.21 / 1.09	ins WC	
Supply air FV Sum/Win	688 / 687	Return air CFM	5000	CFM	
Return air PD Sum/Win	1.48 / 1.33	Outdoor air CFM	8000	CFM	
Segmented Wheel	No	Motor HP	0.5		
Summer Conditions			Winter Conditions		
Outside air DB	86.0	F	Outside air DB	-1.0	F
Outside air WB	72.8	F	Outside air WB	-1.0	F
Return air DB	77.0	F	Return air DB	72.0	F
Return air WB	63.9	F	Return air WB	54.0	F
Supply air DB	79.5	F	Supply air DB	52.0	F
Supply air WB	67.0	F	Supply air WB	42.5	F
Exhaust air DB	82.3	F	Exhaust air DB	28.7	F
Exhaust air WB	69.4	F	Exhaust air WB	26.9	F
Latent effectiveness	71.35	%	Latent effectiveness	71.35	%
Sensible effectiveness	75.75	%	Sensible effectiveness	75.75	%
Total effectiveness	72.73	%	Total effectiveness	74.74	%
Total Energy Recovered	92418	Btu/hr	Total Energy Recovered	284000	Btu/hr

120/60/1

3 Energy Recovery Section (16 ins) / SECTION **3**

Heat Wheel Model	ECW 484	Exhaust air CFM	8000	CFM
Media Type	Fiber	Electrical Supply Volt	230/60/1	Volt
Wheel Diameter	48.00	Bypass Damp Opening	10.00 x 76.00 / 10.00 x 76.00	ins
Supply air CFM	4000	CFM	Supply air PD Sum/Win	1.21 / 1.09
Supply air FV Sum/Win	688 / 687	ft/min	Return air CFM	5000
Return air PD Sum/Win	1.48 / 1.33	ins WC	Outdoor air CFM	8000
Segmented Wheel	No	Motor HP	0.5	CFM

Summer Conditions

Outside air DB	86.0	F
Outside air WB	72.8	F
Return air DB	77.0	F
Return air WB	63.9	F
Supply air DB	79.5	F
Supply air WB	67.0	F
Exhaust air DB	82.3	F
Exhaust air WB	69.4	F
Latent effectiveness	71.35	%
Sensible effectiveness	75.75	%
Total effectiveness	72.73	%
Total Energy Recovered	92418	Btu/hr

Winter Conditions

Outside air DB	-1.0	F
Outside air WB	-1.0	F
Return air DB	72.0	F
Return air WB	54.0	F
Supply air DB	52.0	F
Supply air WB	42.5	F
Exhaust air DB	28.7	F
Exhaust air WB	26.9	F
Latent effectiveness	71.35	%
Sensible effectiveness	75.75	%
Total effectiveness	74.74	%
Total Energy Recovered	284000	Btu/hr

4 RETURN/EXHAUST FAN SECTION(46 ins) / SECTION **1**

Air volume	8000	cfm	Motor power	10.0	HP
External static pressure	1.25	ins WC	Motor type	ODP	
Total static pressure	3.32	ins WC	Frame size	215 T frame	
Type	-		Electrical supply	460/60/3	
Blade type/Class	Airfoil / 2		Motor efficiency	Premium	
Fan wheel diameter	16.19	ins	Motor speed	1750	rpm
Brake horsepower	7.92	HP	Motor pole	4	
Operating/Max speed	2788 / 3457	rpm	Full load current	12.8	A
Orientation	Up blast CCW		Lock rotor current	106	A
Air modulation	None		Motor supplier	Generic	
Drip pan	None		Actual drive service fac.	1.31	
Drip pan side	-		Bearing type	Standard - L50 (200K)	
Wheel guard	None		Outlet velocity	2254	ft/m
Belt guard	None		Inlet screen	None	
Inspection port	None		Outlet screen	None	

DRIVES

Fan sheave	2TB36	Motor sheave	2BK67H
Number of belts	2	Belt	BX40

ANTI-VIBRATION MOUNTS / SPRINGS

Type	Spring
Seismic restraint	With snubbers

DOOR DATA

Door location	Drive side	Window size	6 x 12 ins
Door width	30	Light	Marine light kit and switch only
Door opening	Outward		

7 CHILLED WATER COIL(32 ins)				SECTION	7
Coil model	5WH1105B		Number of coils	1	
Total capacity	328196	Btu/h	Number of rows	6	
Sensible capacity	223533	Btu/h	Fins per inch	11	
Air volume	8000	cfm			
Entering db/wb	80.2 / 67.2	F	Entering water	42.0	F
Leaving db/wb	54.6 / 53.9	F	Leaving water	56.0	F
Finned height x length	38 x 67	ins	Water flow rate	46.90	gpm
Face area	16.75	ft2	Water pressure drop	16.20	ftHD
Face velocity	478	ft/m	Water velocity	4.20	ft/s
Coil air pressure drop	0.62	ins WC			
			Fluid volume	11.0	gal
			Fluid weight	99.00	lb
Connection type	Threaded		Fin material	Aluminum (.0075)	
Connection Qty x size	2 x 1.50	ins	Tube material	Copper (.020)	
Connection location	Drive side		Header material	Copper	
Connection material	Carbon steel		Case material	Stainless steel	
Glycol type (%)	-(0 %)		Drain pan	Stainless steel	
Fouling Factor	0		Drain pan side	Drive side	
Coil code	5WH1105B		Turbospirals	No	
			Electro-fin coat	None	

SPECIAL					
Tread Plate floor liner	None				
Liner	Stainless steel				
Insulation	(As casing details)				
Sound baffles	None				
Special static pressure	-	ins WC	Filter Gauge	None	

8 SUPPLY FAN SECTION(46 ins)				SECTION	7
Air volume	8000	cfm	Motor power	15.0	HP
External static pressure	2.50	ins WC	Motor type	ODP	
Total static pressure	6.17	ins WC	Frame size	254 T frame	
Type	-		Electrical supply	460/60/3	
Blade type/Class	Airfoil / 2		Motor efficiency	Premium	
Fan wheel diameter	16.19	ins	Motor speed	1750	rpm
Brake horsepower	12.23	HP	Motor pole	4	
Operating/Max speed	3166 / 3457	rpm	Full load current	18.9	A
Orientation	Up blast CW		Lock rotor current	118	A
Air modulation	None		Motor supplier	Generic	
Drip pan	None		Actual drive service fac.	1.37	
Drip pan side	-		Bearing type	Standard - L50 (200K)	
Wheel guard	None		Outlet velocity	2254	ft/m
Belt guard	None		Inlet screen	None	
Inspection port	None		Outlet screen	None	

DRIVES			
Fan sheave	3TB36	Motor sheave	3B5V66
Number of belts	3	Belt	BX38

ANTI-VIBRATION MOUNTS / SPRINGS	
Type	Spring
Seismic restraint	With snubbers

DOOR DATA			
Door location	Drive side	Window size	6 x 12 ins
Door width	30	Light	Marine light kit and switch only
Door opening	Outward		



Twin City Fan & Blower

A Twin City Fan Company

5959 Trenton Lane · Minneapolis, MN 55442-3238
Phone (763) 551-7600 · Fax (763) 551-7601 · www.tcf.com



Customer: W/A
Job Name: CPS AMIS
Job ID: 702061

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Page: 1

Fan Description

Tag Supply
Quantity 1
Type BAE-DW
Size 300
Width DWDI
Arrangement 3
Class II
Rotation CW
Discharge THD
Wheel diameter (in.) 30
Drive method ... 60 Hz belt drive
Percentage width 100%
Percentage diameter 100%

Fan Performance

CFM 25,000 ✓
Operating SP (in.wg) 7.2
Standard SP (in.wg) 7.2
RPM 1575 ✓
Tip Speed (fpm) 12,370
Oper. BHP 35.33 ✓
Standard BHP 35.33
Outlet area (sq. ft) 9.31
Outlet Velocity (fpm) 2,685
Temperature (°F) 70
Altitude (ft) 0
Density (lb/ft³) 0.075
Max RPM for Class 1808
Static Efficiency 80.07
Mechanical Efficiency 85.07

Motor Data

HP 40 ✓
RPM 1800 ✓
Voltage 460V ✓
Phase 3 ✓
Hz 60
Enclosure ODP
Efficiency Pm.Eff.
Frame 324T
Motor position

Sound

Sound Power Levels in dB re. 10⁻¹² Watts:

Octave Bands	1	2	3	4	5	6	7	8	LwA
Level at Inlet	93	97	101	100	86	82	78	74	99
Level at Outlet	103	101	101	93	89	85	81	76	97

Definitions:

LwA The overall (single value) fan sound power level, 'A' weighted.

Accessories Included

BAE-DW 300, Class II, Arrangement 3 Bare fan Net 1024 lb.
Guard - Belt, OSHA Type 33 lb.
Screen - Inlet, Std Type 0 lb.
40 HP, 1800 RPM, 460V, 3Ph, 60Hz, ODP, Pm.Eff., 324T 0 lb.
Mount Customer Supplied Motor 0 lb.
Constant Speed V-belt Drive, 1.5 SF 60 lb.
Total Weight 1,117 lb.



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Customer: W/A
Job Name: CPS AMIS
Job ID: 702061

November 18, 2008
Page: 2

Fan Description

Tag Return at min QA
 Quantity 1
 Type BAE-DW
 Size 270
 Width DWDI
 Arrangement 3
 Class II
 Rotation W/A
 Discharge W/A
 Wheel diameter (in.) 27
 Drive method ... 60 Hz belt drive
 Percentage width 75%
 Percentage diameter 100%

Fan Performance

CFM 8,300
 Operating SP (in.wg) 3.05
 Standard SP (in.wg) 3.05
 RPM 1089
 Tip Speed (fpm) 7,698
 Oper. BHP 4.90
 Standard BHP 4.90
 Outlet area (sq. ft) 6.65
 Outlet Velocity (fpm) 1,249
 Temperature (°F) 70
 Altitude (ft) 0
 Density (lb/ft³) 0.075
 Max RPM for Class 2009
 Static Efficiency 81.16
 Mechanical Efficiency 83.75

Motor Data

HP 25
 RPM 1800
 Voltage 460V
 Phase 3
 Hz 60
 Enclosure ODP
 Efficiency Prm.Eff.
 Frame 284T
 Motor position

Modifiers

% width: 75%

Sound

Sound Power Levels in dB re. 10⁻¹² Watts:

Octave Bands	1	2	3	4	5	6	7	8	LwA
Level at Inlet	83	89	85	77	74	71	64	59	82
Level at Outlet	89	90	85	78	75	72	67	61	82

Definitions:

LwA The overall (single value) fan sound power level, 'A' weighted.

Accessories Included

BAE-DW 270, Class II, Arrangement 3 Bare fan Net 731 lb.
 Guard - Belt, OSHA Type 30 lb.
 Screen - Inlet, Std Type 0 lb.
 Special Width Construction 0 lb.
 25 HP, 1800 RPM, 460V, 3Ph, 60Hz, ODP, Prm.Eff., 284T 0 lb.
 Mount Customer Supplied Motor 0 lb.
 Constant Speed V-belt Drive, 1.5 SF 48 lb.
 Total Weight 809 lb.

Product Detail							
Revision:	N	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod Type:	4250M	Elec. Spec:	42WGW388	CD Diagram:	CD0180
Enclosure	OPSB	Mfg Plant:		Mech Spec:	42F56	Layout:	42LYF056
Frame:	324T	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	03-03-2008
Leads:	9#8	Literature:		Elec. Diagram:		Replaced By:	
Nameplate NP1259L							
CAT.NO.	EM2539T						
SPEC.	42F056W388						
HP	40						
VOLTS	230/460						
AMP	92/46						
RPM	1775						
FRAME	324T	HZ	60	PH	3	CL	F
SER.F.	1.15	CODE	G	DES	B	CL	F
NEMA-NOM-EFF	94.5	PF	86				
RATING	40C AMB-CONT						
CC	010A	USABLE AT 208V	97.5				
DE	6312	ODE	6311				
ENCL	OPSB	SN					

Product Detail							
Revision:	Q	Status:	PRD/A	Change #:		Proprietary:	No
Type:	AC	Prod Type:	4046M	Elec. Spec:	40WGW943	CD Diagram:	CD0005
Enclosure	OPSB	Mfg Plant:		Mech Spec:	40G48	Layout:	40LYG048
Frame:	284T	Mounting:	F1	Poles:	04	Created Date:	
Base:	RG	Rotation:	R	Insulation:	F	Eff. Date:	03-04-2008
Leads:	9#10	Literature:		Elec. Diagram:		Replaced By:	
Nameplate NP1259L							
CAT.NO.	EM2531T						
SPEC.	40G048W943						
HP	25						
VOLTS	230/460						
AMP	60/30						
RPM	1770						
FRAME	284T	HZ	60	PH	3		
SER.F.	1.15	CODE	G	DES	B	CL	F
NEMA-NOM-EFF	94.1	PF	83				
RATING	40C AMB-CONT						
CC	010A	USABLE AT 208V	63.3				
DE	6311	ODE	6309				
ENCL	OPSB	SN					

WATER COIL RATING PROGRAM

CLIENT AHU-1
 PHONE Cooling Coil
 FAX _____
 ATTENTION _____

RACAN[®]



RACAN CARRIER
 2025, BOLL. DAGENAIS OUEST
 LAVAL (QC) CANADA H7L 5V1

PROJECT CPS AMIS

TEL:514-321-9050 * FAX:450-825-8318 * WEBSITE: RACAN-CARRIER.COM

JOB DATA

Number of Coils	2	total btuh	1,115,480
Total SCFM	25,000	sensible btuh	692,565
Total GPM	170.0		

PHYSICAL DATA (each coil)

MODEL	5WF6B 21 T x 110	Rated According to ARI Std 410	
Cancoll Fin Pattern	51211	tubing type	Plain
fin corrugation	Sinc	thickness	0.020
rows	6		
fin material/ foi	AL		
fin thickness	10.0		
finned height	0.008		
finned length	31.5	tubes in face	21.0
	110.00	face area	24.1

HEADERS/ CIRCUITING

circuiting	F	# of feeds	13	21
connection locations	RH	# pass		6
header diameter (inches)	3.125	omitted tubes		0

AIRSIDE

INPUT DATA	RATING DATA
altitude	0.00
scfm	12,500
acfm	12,946
standard air velocity	519
total btuh	557,740
sensible btuh	346,277
sensible heat ratio	0.62
entering air dry bulb	78.0
entering air wet bulb	67.0
leaving air dry bulb	57.5% RH 61.5 dewpoint
leaving air wet bulb	52.7
air friction - in H2O	52.3
	0.86

TUBESIDE

gpm	85.0
entering fluid temp	42.0
leaving fluid temp	55.1
fluid pressure drop - ft H2O	14.2
fluid velocity - ft/sec	4.5

FOULING FACTORS

airside	0.000
tubeside	0.000

FLUID PROPERTIES

Water

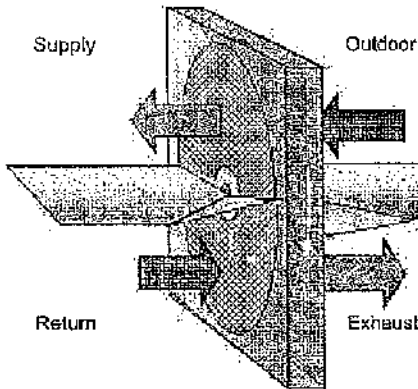
NOVELAIRE TECHNOLOGIES

Energy Conservation Wheel Summer Operation



Title: AHU-3
Date: 11/18/2008

Model Number: ECW 844



Wheel Parameters	
Wheel Diam., in.	84.0
Wheel Depth, in.	4.0
Purge Angle, °	3.3
Purge Vol., scfm	404
Wheel Speed, RPM	45
Hub Diam., in.	10.0

Cassette Parameters	
Drive Motor, HP	1.5
Height, in.	90.0
Width, in.	90.0
Depth, in.	9.0

Energy Conserved, BTU/h	
Sensible	70,306
Latent	161,901
Total	232,206

Face Velocity, sfpm	
Supply Side	554
Exhaust Side	548

Pressures, in. WC	
OA Static	2.00
RA Static	0.00
Supply Delta P	0.97
Exhaust Delta P	0.96

Effectiveness Balanced	
Sensible, %	76.1
Latent, %	72.8

Effectiveness Unbalanced	
Sensible, %	76.1
Latent, %	72.8
Total, %	73.8

	Volume scfm	Volume acfm	%FDB	°F WB	gr/lb	RH%	Enthalpy BTU / lb
Outdoor	10,404	10,929	86.0	73.0	100.6	53.9	36.44
Supply	10,000	10,326	79.5	66.9	77.9	51.8	31.28
Return	10,000	10,305	77.0	63.9	67.8	49.0	29.08
Exhaust	10,404	10,911	83.6	70.5	90.9	52.7	34.32

(Elevation: 0 ft. above Sea Level)

WHEEL

WHEEL:	Unitary rotor design with 12 galvanized spokes equally spaced, 10 in. diameter aluminum center hub, 2.19 in. diameter shaft, 12 ga. outer band
MEDIA:	Total energy transfer type (sensible and latent), corrugated synthetic fibrous matrix with molecular sieve desiccant

CASSETTE

FRAME:	Galvanized 10 ga. steel with two (2) removable side panels
BEARINGS:	Internal sealed roller bearing
AIR SEALS:	Non-contact inner and outer bulb seals
PURGE:	Adjustable Purge
DRIVE:	Perimeter driven belt drive

NovelAire Technologies, 10132 Mammoth Drive, Baton Rouge, LA 70814
Telephone: 800-762-1320 / 225-924-0427 Fax: 225-930-0340
www.novelaire.com



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Style A***



150 - 385 TONS
(527 - 1354 kW_i)
2 and 3 Compressor
50 and 60 Hz
ASHRAE 90.1 Compliant
HFC-134a

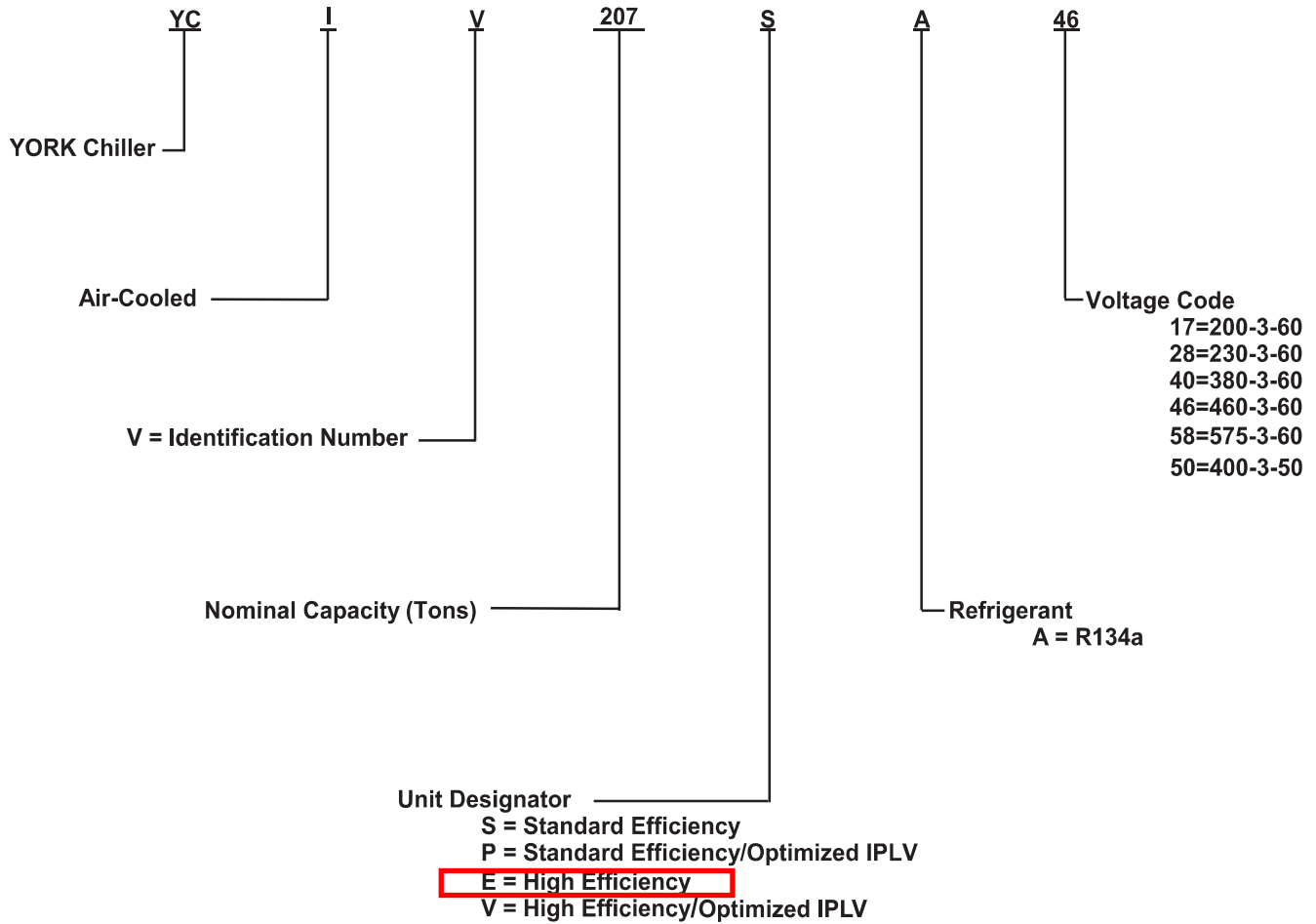


Products are produced at a facility whose quality-management systems are ISO9001 certified.



NOMENCLATURE

The Model Number denotes the following characteristics of the unit:





COMcheck Software Version 3.9.0

Interior Lighting and Power Compliance Certificate

90.1 (2004) Standard

Section 1: Project Information

Project Type: **New Construction**

Project Title :

Construction Site:

Owner/Agent:

Designer/Contractor:

Section 2: Interior Lighting and Power Calculation

A	B Floor Area	C Allowed Watts / ft2	D Allowed Watts
School/University	63509	1.2	76211
Total Allowed Watts =			76211

Section 3: Interior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
School/University (63509 sq.ft.)				
Linear Fluorescent 1: CH1: 48" T8 32W / Electronic	2	9	60	540
Linear Fluorescent 2: CH2: 48" T8 32W / Electronic	2	24	120	2880
Linear Fluorescent 3: CL3: 48" T8 32W / Electronic	2	20	53	1060
Linear Fluorescent 4: CL4: 48" T8 32W / Electronic	2	2	56	112
Linear Fluorescent 5: CL5: 48" T8 32W / Electronic	6	24	215	5160
Linear Fluorescent 6: CV1: 48" T8 32W / Electronic	1	34	28	952
Linear Fluorescent 7: R1: 48" T8 32W / Electronic	3	268	90	24120
Linear Fluorescent 8: R2: 48" T8 32W / Electronic	2	51	64	3264
Linear Fluorescent 9: R3: 48" T8 32W / Electronic	3	203	90	18270
Linear Fluorescent 10: R4: 48" T8 32W / Electronic	3	8	88	704
Linear Fluorescent 11: R5: 48" T8 32W / Electronic	3	6	88	528
Linear Fluorescent 12: R6: 48" T8 32W / Electronic	3	15	90	1350
Compact Fluorescent 1: R7: Triple 4-pin 32W / Electronic	1	62	33	2046
Compact Fluorescent 2: S2A: Triple 4-pin 42W / Electronic	1	10	45	450
Compact Fluorescent 3: S3: Triple 4-pin 42W / Electronic	1	18	40	720
Linear Fluorescent 13: S4: 48" T8 32W / Electronic	2	75	59	4425
Linear Fluorescent 14: W2: 48" T8 32W / Electronic	2	22	58	1276
Linear Fluorescent 15: W4: 48" T8 32W / Electronic	2	4	53	212
Total Proposed Watts =			68069	

Section 4: Requirements Checklist

Lighting Wattage:

1. Total proposed watts must be less than or equal to total allowed watts.

Allowed Watts	Proposed Watts	Complies
76211	68069	YES

2. Exit signs 5 Watts or less per sign.

Controls, Switching, and Wiring:

- 3. Independent manual or occupancy sensing controls for each space (remote switch with indicator allowed for safety or security).
- 4. Occupant sensing control in class rooms, conference/meeting rooms, and employee lunch and break rooms.

Exceptions:

- Spaces with multi-scene control; shop classrooms, laboratory classrooms, and preschool through 12th grade classrooms.
- 5. Automatic shutoff control for lighting in >5000 sq.ft buildings by time-of-day device, occupant sensor, or other automatic control.

Exceptions:

- 24 hour operation lighting; patient care areas; where auto shutoff would endanger safety or security.
- 6. Master switch at entry to hotel/motel guest room.
- 7. Separate control device for display/accent lighting, case lighting, task lighting, nonvisual lighting, lighting for sale, and demonstration lighting.
- 8. Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).

Exceptions:

- Electronic high-frequency ballasts.
- Luminaires not on same switch.
- Recessed luminaires 10 ft. apart or surface/pendant not continuous.
- Luminaires on emergency circuits.

Voltage Drop:

- 9. Feeder conductors have been designed for a maximum voltage drop of 2 percent.
- 10. Branch circuit conductors have been designed for a maximum voltage drop of 3 percent.

Interior Lighting PASSES: Design 11% better than code.

Section 5: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 90.1 (2004) Standard requirements in COMcheck Version 3.9.0 and to comply with the mandatory requirements in the Requirements Checklist.

Name - Title

Signature

Date

Section 5: Post Construction Compliance Statement

Record Drawings and Operating and Maintenance Manuals:

- 1. Construction documents with record drawings and operating and maintenance manuals provided to the owner.

Lighting Designer or Contractor Name

Signature

Date



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EM3313T

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Specifications: EM3313T

SPEC. NUMBER:	37F614T853
CATALOG NUMBER:	EM3313T
FL AMPS:	25/12.5
208V AMPS:	26
BEARING-DRIVE-END:	6307
BEARING-OPP-DRIVE-END:	6206
DESIGN CODE:	B
DOE-CODE:	010A
FL EFFICIENCY:	91.7
ENCLOSURE:	OPSB
FRAME:	215T
HERTZ:	60
INSULATION-CLASS:	F
KVA-CODE:	H
SPEED [rpm]:	1770
OUTPUT [hp]:	10
PHASE:	3
POWER-FACTOR:	82
RATING:	40C AMB-CONT
SERIAL-NUMBER:	--
SERVICE FACTOR:	1.15
VOLTAGE:	230/460

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SPEC. NUMBER:	39K070W916G1
CATALOG NUMBER:	EFM2513T
FL AMPS:	35.4/17.7
208V AMPS:	37.4
BEARING-DRIVE-END:	6309
BEARING-OPP-DRIVE-END:	6208
DESIGN CODE:	B
DOE-CODE:	010A
FL EFFICIENCY:	93
ENCLOSURE:	OPSB
FRAME:	254T
HERTZ:	60
INSULATION-CLASS:	F
KVA-CODE:	G
SPEED [rpm]:	1765
OUTPUT [hp]:	15
PHASE:	3
POWER-FACTOR:	86
RATING:	40C AMB-CONT
SERIAL-NUMBER:	--
SERVICE FACTOR:	1.15
VOLTAGE:	230/460

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Cincinnati Public Schools (AMIS) Mercantile
Self Direct Prescriptive Application
Documents Not Attached Due To Size But
Available Upon Request

- Lighting Plans
- Lighting Specification Sheets
- Photometric Reports