

VILLAGE PRESIDENT
Ray Danford

VILLAGE CLERK
Jerry Menard

VILLAGE TRUSTEES
Corby Valentine
Steve Smith
Tony Miller
Rita Baker
Seth Speiser
Charlie Mattern

VILLAGE OF FREEBURG

FREEBURG MUNICIPAL CENTER
14 SOUTHGATE CENTER, FREEBURG, IL 62243
PHONE: (618) 539-5545 • FAX: (618) 539-5590
Web Site: www.freeburg.com

VILLAGE ADMINISTRATOR
Dennis Herzing

VILLAGE TREASURER
Bryan A. Vogel

PUBLIC WORKS DIRECTOR
Ronald Dintelmann

POLICE CHIEF
Melvin E. Woodruff, Jr.

VILLAGE ATTORNEY
Stephen R. Wigginton

July 13, 2010

NOTICE

MEETING OF THE ELECTRIC COMMITTEE (Valentine/Smith/Miller)

An Electric Committee Meeting of the Village of Freeburg will be held at the Municipal Center, Executive Board Room, **Thursday, July 15, 2010, at 5:30 p.m.**

ELECTRIC COMMITTEE MEETING AGENDA

I. Items To Be Discussed

A. Old Business

1. Approval of June 9, 2010 minutes and June 9th Executive Session minutes
2. Switchover of Ameren to Freeburg power
3. Village of Freeburg utility needs analysis
4. Replacement of old power plant doors
5. Franchise Fee (Ameren)
6. Highway lighting
7. Poles in Smithton Park
8. HAPS
9. Deerfield Electric Service Entrances

B. New Business

1. Contaminated Fuel in Generators

C. General Concerns

D. Public Participation

E. Adjourn

At said Electric Committee Meeting, the Village Trustees may vote on whether or not to hold an Executive Session to discuss the selection of a person to fill a public office [5 ILCS, 120/2 - (c) (3)], litigation [5 ILCS, 120/2 - (c)(11)] personnel [5 ILCS, 120/2 - (c) (1) a.]; or real estate transactions [5 ILCS, 120/2 - (c)(5)].

VILLAGE PRESIDENT

Ray Danford

VILLAGE CLERK

Jerry Menard

VILLAGE TRUSTEES

Corby Valentine

Steve Smith

Tony Miller

Rita Baker

Seth Speiser

Charlie Mattern

VILLAGE OF FREEBURG**FREEBURG MUNICIPAL CENTER**

14 SOUTHGATE CENTER, FREEBURG, IL 62243

PHONE: (618) 539-5545 • FAX: (618) 539-5590

Web Site: www.freeburg.com

ELECTRIC COMMITTEE MEETING
 Wednesday, July 15, 2010 at 5:30 p.m.

VILLAGE ADMINISTRATOR

Dennis Herzing

VILLAGE TREASURER

Bryan A. Vogel

PUBLIC WORKS DIRECTOR

Ronald Dintelmann

POLICE CHIEF

Melvin E. Woodruff, Jr.

VILLAGE ATTORNEY

Stephen R. Wigginton

The meeting of the Electric Committee was called to order at 5:35 p.m. on Thursday, July 15, 2010 by Chairman Corby Valentine. Committee members present were Chairman Corby Valentine, Trustee Steve Smith, Trustee Tony Miller, Village Administrator Dennis Herzing and Assistant Public Works Director John Tolan. Guest present: Mike Blaies.

A. OLD BUSINESS:

1. Approval of June 9, 2010 minutes: *Trustee Steve Smith motioned to approve the June 9, 2010 minutes and Trustee Tony Miller seconded the motion. All voting aye, the motion carried. Trustee Steve Smith motioned to approve the June 9, 2010 Executive Session Minutes and Trustee Tony Miller seconded the motion. All voting aye, the motion carried.*

2. Switchover of Ameren to Freeburg power: Dennis said we are still waiting on approval from ICC. He said we had a meeting with Ameren and our employees on how we are going to coordinate the switchover. John said we went to each site and by coming up with a plan, it will save us some money.

John said we met with Coy from HD Supply regarding the SAVE site primary metering. He gave us a quote of \$13,440.60 to do this work on the underground side. Dennis said since we want to use our underground feed, it makes sense to do it this way rather than overhead. John said if this deal would fall through, Coy confirmed he can take the material back and the Village would not be stuck with the cost.

Trustee Steve Smith motioned to recommend to the full Board we approve HD Supply's bid for primary metering for the SAVE Site in the amount of \$13,440.60 and Trustee Tony Miller seconded the motion. All voting aye, the motion carried.

3. Village Utility Needs Analysis: Nothing new.

4. Replacement of old power plant doors: Nothing new.

5. Franchise Fee (Ameren): Nothing new.

6. Highway lighting: On hold.

7. Poles in Smithton Park: Dennis talked to Chief Vielweber about doing the work and advised him the Village will not charge for the equipment but will charge them for the employees' time and he thought that was great. They are not ready for us to do the work yet. John thought it would be September and that is perfect for us.

8. HAPS: Dennis said this is BHM&G's turnkey proposal to install everything and guarantee meeting the new standards at a cost of \$532,698.00. Dennis said this will be a long term issue and will be broken out into more than one fiscal year. Dennis said BHM&G has gone to the manufacturers and received special pricing from them. Dennis thinks they would be the best engineering firm to do this because of their long-standing familiarity and involvement with our system. If we decide it is in our best interest, we can do an ordinance to waive the bidding requirement. John asked if we can have BHM&G write the specs to the way we want them and then go out to bid. Dennis said BHM&G is trying to avoid having manufacturers that don't have the qualification or experience to do this. Corby said we need to justify this is the best deal. Dennis said we could write a bid advertisement that we want other companies to bid turnkey and if so, we might not get any responses. Steve said he just wants to make sure this is the best price for the job. John said one thing he was very impressed with BHM&G said IMEA is way ahead of the game on this. Dennis said he will get with BHM&G and let them know we intend to advertise this. He also said the way this works is BHM&G will design it and has the supplier set up to build it, one of their people will observe that and they will be here to do the testing. Corby agreed with Dennis that he didn't want to piecemeal this project out to different vendors. Dennis will bring a bid advertisement to the next committee meeting and then we can go out for bid after that.

9. Deerfield Electric Service: John said the agreement with Dave Self was for any repairs made, it needs to be replaced with new equipment and brought up to code. John said the main thing we need to do is require Dave to get a permit which then requires an inspection by the County. Once it is tagged green by the County, we are good. Corby said for substandard service work, they won't get connected because the County won't give them a sticker. In Deerfield, it is our electric up to their meter. Dave has not replied to the second letter that was sent.

B. NEW BUSINESS:

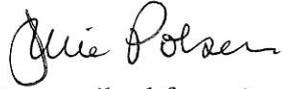
1. Contaminated Fuel in Generators: John told the committee the old power plant got struck by lightning. It took out Ron's computer, Scada phone/cable route, generators 8 and 9, the Julie locate printer. John said they found it out by nothing being able to start on the data exercise. When we exercise each month, we run the portable generators. Dennis said it is biodiesel fuel and is held in a separate tank next to the generator. The whole fuel system is shot. The quote is \$10,000 to repair them and \$19,000 for a new generator. Dennis said the problem is you can't store the biodiesel fuel for a long time. Dennis talked to his son who said if you take it to Dave Schmidt Truck Service, they would probably do it for around \$2,000. Dennis thought we should take it to Dave Schmidt and find out how much it will cost to fix it and the committee agreed. John said the lightning strike should be covered by our insurance.

John said IMEA Urge testing will be done on July 21st. The electric department's backhoe's back tires are shot. NuDeal is \$14,848 and Shaffer's Tire is \$16,110. Dennis suggested John call FS and see what their price is. Corby will check with the guy he buys industrial tires from.

C. GENERAL CONCERNS: None.

D. PUBLIC PARTICIPATION: Mike asked if the 2013 date was nationwide and John said yes.

E. ADJOURN: *Trustee Tony Miller motioned to adjourn at 6:23 p.m. and Trustee Steve Smith seconded the motion. All voting aye, the motion carried.*

A handwritten signature in cursive script that reads "Julie Polson".

Transcribed from tape by
Julie Polson
Office Manager

VILLAGE PRESIDENT
Ray Danford

VILLAGE CLERK
Jerry Menard

VILLAGE TRUSTEES
Corby Valentine
Steve Smith
Tony Miller
Rita Baker
Seth Speiser
Charlie Mattern

VILLAGE OF FREEBURG

FREEBURG MUNICIPAL CENTER
14 SOUTHGATE CENTER, FREEBURG, IL 62243
PHONE: (618) 539-5545 • FAX: (618) 539-5590
Web Site: www.freeburg.com

VILLAGE ADMINISTRATOR
Dennis Herzing

VILLAGE TREASURER
Bryan A. Vogel

PUBLIC WORKS DIRECTOR
Ronald Dintelmann

POLICE CHIEF
Melvin E. Woodruff, Jr.

VILLAGE ATTORNEY
Stephen R. Wigginton

ELECTRIC COMMITTEE MEETING
Wednesday, June 9, 2010 at 5:30 p.m.

The meeting of the Electric Committee was called to order at 5:30 p.m. on Wednesday, June 9, 2010 by Chairman Corby Valentine. Committee members present were Chairman Corby Valentine, Trustee Steve Smith, Trustee Tony Miller, Village Administrator Dennis Herzing, Assistant Public Works Director John Tolan and Office Manager Julie Polson. Guest present: Janet Baechle.

A. OLD BUSINESS:

1. Approval of April 28, 2010 minutes: Trustee Tony Miller motioned to approve the minutes of April 28, 2010 and Trustee Steve Smith seconded the motion. All voting aye, the motion carried.
2. Switchover of Ameren to Freeburg power: Corby said there is a memo in the packet from Todd Masten that includes a request for information by the ICC. Dennis sent this to Dean Park of BHM&G for his review and said Dean should have our portion done by tomorrow morning. John said Bob Elden can pull up the number of outages from the SCADA system but those numbers are related more to circuits and grids and the reliability of the system.
3. Village Utility Needs Analysis: Nothing new.
4. Replacement of old power plant doors: Nothing new.
5. Franchise Fee (Ameren): Nothing new.
6. Highway lighting: John advised the committee that street lights have been installed by the Smith, Parrish, Wright and Pfannebecker properties which were the highest priority areas.
7. Poles in Smithton Park: John will talk to Chief Vielweber about doing the work and advise him the Village will not charge for the equipment but will charge them for the employees' time.
8. HAPS: Dennis said we have not received a legal opinion. He has a meeting set up for this Friday with BHM&G to talk about it. Corby said he will try to attend the meeting.
9. Ball Diamond work request: John said the work is done and this can be taken off the agenda.

John said they have replaced some streetlights in Deerfield and also corrected some sagging lines. John said there is a resident that has a bad meter base and John talked to Randy about it. Randy feels the base should be switched over. John said

the resident had approached Dave Self about this and he told her he wouldn't do anything until she replaced the trailer. The committee thought a letter had been sent to Dave previously about this kind of situations and asked Dennis to locate the letter.

B. NEW BUSINESS: Dennis received a request from the Patriotic Sisters to have temporary electric for their annual barbeque and John said he and Shane looked at it. They have come up with a solution and there will be no problem with getting them electric.

Corby asked John if he needs anything from the trustees to help out and John said he is a little shorthanded with vacations and Clark being out but that they will get through it. Corby reminded John we can bring in contractors on certain projects if we need to. John has talked to Waterloo and they are willing to help and Dennis said BHM&G is on standby if we need anything.

John said when we generate monthly, he is going to have all the guys there and have them learn hands-on how to do it. He said as far as workload, we are doing well. He commented on the projects JF Electric might be able to help us with and they include the pole that was damaged due to an accident by Old Freeburg Road and the highway. He also said we could use their help in the switchover of Ameren customers to Freeburg, especially with the nursing home and SAVE site. He reminded the committee the Ameren agreement says the work has to be done within 60 business days.

C. GENERAL CONCERNS: Tony asked if the banner for Toms had been located and John said the guys could not find it. Dennis thinks it may have blown off in a storm. Julie has it on the next Streets committee meeting agenda.

D. PUBLIC PARTICIPATION: Janet asked if we would bid the work JF Electric would do for us and Dennis said it depends on the cost of the project.

EXECUTIVE SESSION

5:53 P.M.

Trustee Steve Smith motioned to enter into Executive Session citing personnel, 5 ILCS 120/2-(c)(1)a and Trustee Tony Miller seconded the motion. All voting aye, the motion carried.

EXECUTIVE SESSION ENDED

6:08 P.M.

Trustee Tony Miller motioned to end the Executive Session at 6:08 p.m. and Trustee Steve Smith seconded the motion. All voting aye, the motion carried.

E. ADJOURN: *Trustee Tony Miller motioned to adjourn at 6:09 p.m. and Trustee Steve Smith seconded the motion. All voting aye, the motion carried.*



Julie Polson
Office Manager



**BARNES, HENRY,
MEISENHEIMER & GENDE, INC.**
Engineers Serving Municipalities and Utilities

June 28, 2010

Mr. Dennis Herzing
Village Administrator
Village of Freeburg
14 Southgate Ctr
Freeburg, IL 62243-1541

Subject: Oxidation Catalyst Proposal

Dear Dennis,

USEPA has finished its National Emission Standard for Hazardous Air Pollutants (NESHAP) rules and village will need to add oxidation catalyst on your generators to meet these new hazardous air pollution rules (HAP). This new rule became final February 2010 and you will have until May 2013 to become compliant.

This rule is applicable to stationary units at major sources and area sources of HAP's. This rule limits HAP emissions by limiting CO emissions. CO has been determined an appropriate surrogate for formaldehyde emissions and formaldehyde has been selected to serve as a surrogate for all HAP emissions from Reciprocating Internal Combustion Engines (RICE) units.

This regulation is based on generally available control technology (GACT). The requirements differ depending on the source being an area source, major source, emergency unit and non-emergency units. The requirements are further defined based on the HP of the RICE. All of the villages engines are non-emergency and above 300 HP and will require the village to meet the HAP's rule.

The power plant generators will need to have oxidation catalyst added and will be required to monitor and log the oxidation catalyst input temperature when the generator is running.

The Village of Freeburg currently receives capacity credits for its generators from IMEA. The village currently receives 7,196KW of credits at \$3.20 each for a credit of \$23,027.00 and 3,560KW of credit at \$1.20 each for a credit of \$4,272.00. The total monthly capacity credit that the village receives is \$27,299.00. The total yearly capacity credit that the village receives is \$327,588.00.

In order to continue to receive these capacity credits from IMEA, the Village of Freeburg will need to add oxidation catalyst at the old power plant to Generators #6, #8, and #9 and at the new power plant to Generators # 10, #11, and #12.

The following is an engineering cost estimate for adding oxidation catalyst to the generators at the old power plant.

Description	Qty.	Cost Each	Total Cost
Oxidation Catalyst	3	\$43,512.00	\$130,536.00
Crankcase Ventilation	3	\$5,062.00	\$15,186.00
Catalyst Monitoring, Logging	5	\$10,400.00	\$31,200.00
EPA Permit	Lot		\$10,000.00
Exhaust Testing	Lot		\$13,800.00
Engineering	Lot		\$33,190.00
Construction Observation	Lot		\$17,828.00
Testing and Startup	Lot		\$3,000.00
Subtotal			\$254,740.00
Contingency 10%			\$25,474.00
Total cost of project			\$280,214.00

The following is an engineering cost estimate for adding oxidation catalyst to the generators at the new power plant.

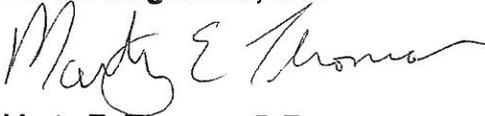
Description	Qty.	Cost Each	Total Cost
Oxidation Catalyst	3	\$36,321.00	\$108,963.00
Crankcase Ventilation	3	\$3,850.00	\$11,550.00
Catalyst Monitoring, Logging	5	\$10,400.00	\$31,200.00
EPA Permit	Lot		\$10,000.00
Exhaust Testing	Lot		\$13,800.00
Engineering	Lot		\$33,190.00
Construction Observation	Lot		\$17,828.00
Testing and Startup	Lot		\$3,000.00
Subtotal			\$229,531.00
Contingency 10%			\$22,953.00
Total cost of project			\$252,484.00

BHMG Service Corp. would like to perform the oxidation catalyst installation work for the Village of Freeburg on a turnkey proposal basis. BHMG Service Corp. will provide the Village of Freeburg with the design engineering, oxidation catalyst, crankcase ventilation equipment, catalyst monitoring equipment, material installation and welding, exhaust testing, EPA permitting, and startup and training on the new oxidation catalysts.

BHMG Service Corp proposes to perform the above work for the not to exceed price of **\$532,698.00**.

BHMG appreciates this opportunity to provide this proposal. Should any questions arise as you review it, please call at your convenience.

Best regards,
BHMG Engineers, Inc.

A handwritten signature in black ink, appearing to read "Marty E. Thomas". The signature is fluid and cursive, with the first name "Marty" being the most prominent.

Marty E. Thomas, P.E.
Vice President

VILLAGE PRESIDENT
Ray Danford

VILLAGE CLERK
Jerry Menard

VILLAGE TRUSTEES
Rita Baker
Charlie Mattern
Kevin Groth
Corby Valentine
Steve Smith
Tony Miller

VILLAGE OF FREEBURG

FREEBURG MUNICIPAL CENTER
14 SOUTHGATE CENTER, FREEBURG, IL 62243
PHONE: (618) 539-5545 • FAX: (618) 539-5590
Web Site: www.freeburg.com

VILLAGE ADMINISTRATOR
Dennis Herzing

VILLAGE TREASURER
Bryan A. Vogel

PUBLIC WORKS DIRECTOR
Ronald Dintelmann

POLICE CHIEF
Melvin E. Woodruff, Jr.

VILLAGE ATTORNEY
Stephen R. Wigginton

23 January 2009

Dave Self
Deerfield Trailer Court
Freeburg, Illinois 62243

RE: Electric Service Entrances

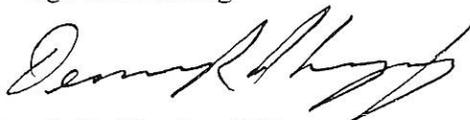
Dear Mr. Self:

In the past, the Village of Freeburg Electric Department has allowed you to attempt to repair failed meter bases from time to time instead of requiring them to be replaced with new equipment and brought up to code. We recently had a situation at lot 5 where we notified you that a meter base was bad and you attempted to repair it instead of replacing it. The result was that our personnel spent over 5 hours on overtime to assist you when it failed again. This is a significant cost to the village which should be billed to Deerfield. Additionally, the repair of failed meter bases with used parts is not in keeping with good electrical practice and may represent a safety hazard to residents.

Please be advised that, in the interest of good electrical practice and the safety of the residents, we will no longer allow the repair of failed meter bases. If our linemen identify an inadequate or defective meter base, you will be notified that it must be replaced. The work will have to be accomplished within 72 hours to avoid disconnection. A service upgrade permit will be required and the installation must be done in compliance with current codes. The installation must be inspected and approved by the county electrical inspector within 72 hr. after power is reconnected.

If you have any questions, or if additional information is needed from this office, please feel free to contact me any time at 539-5705.

Sincerely,
Village of Freeburg



Dennis R. Herzing, P.E.
Village Administrator

cc: Mayor Danford
PWD Dintelmann
Electric Committee

Dennis Herzing

From: <jtcleanh2o@aol.com>
To: <herzing@freeburg.com>
Sent: Wednesday, July 07, 2010 12:08 PM
Attach: 100_1008.JPG; 100_1009.JPG; 100_1010.JPG; 100_1011.JPG; 100_1012.JPG; 100_1013.JPG; 100_1024.JPG
Subject: Fwd: Contaminated Fuel

-----Original Message-----

From: Richard Cody <RCody@Altorfer.com>
To: JTCLEANH2O@AOL.COM
Sent: Tue, Jul 6, 2010 1:53 pm
Subject: FW: Contaminated Fuel

John, Replacement cost for used unit is about \$19,000.00 if they still have one. The repair cost is estimated at \$11,00.00 . This is estimate only as we have not disassembled fuel system yet. Also the other unit needs that fuel taken out now and fresh fuel put in and ran for at least a couple of hours to minimize problem in that unit and we still may have the same problem in tank.
Thanks Richard



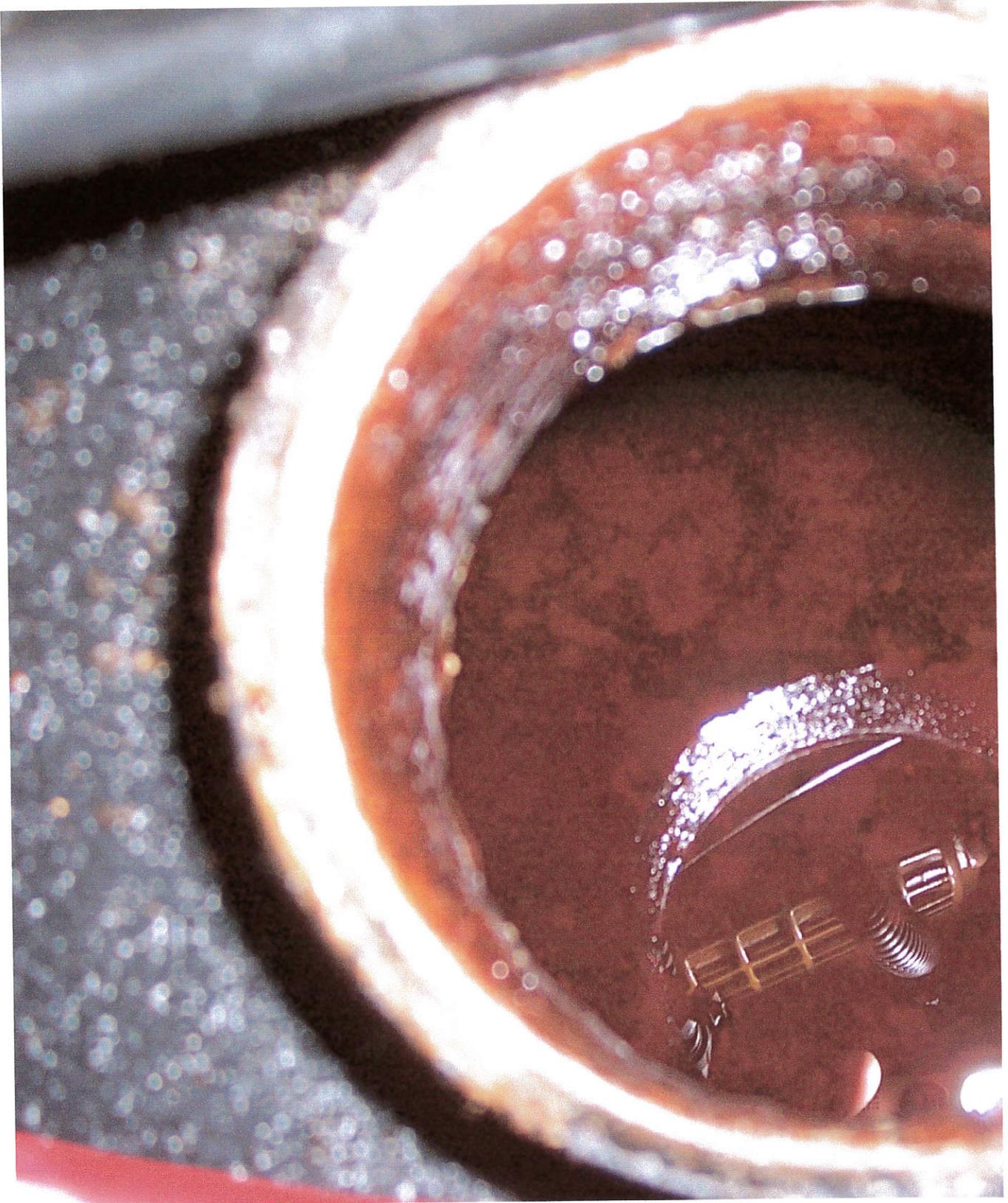












IMEA Electric Efficiency Program Year 2 Preview

Increased Incentives and Greater Flexibility Added to Build the Success of Efficiency Program

Members can receive funding for up to 75% of the total cost of some energy efficiency projects and plan and execute those projects over a three-year time span, thanks to new rules the IMEA board adopted for the second year of IMEA's Energy Efficiency Program. The new rules also make it more advantageous for IMEA members and the governmental entities to which they provide power to participate in the efficiency program. These funds go toward the acquisition and installation of such energy efficient technologies and services as indoor and outdoor lighting, traffic signals, HVAC components, refrigeration units and variable speed motors.

New Maximum Funding Level

Starting with the 2010-2011 fiscal year, some energy efficiency projects may receive up to 75% of the total cost of the project, subject to available funding. Total funding costs include materials, labor and engineering.

New Industrial/Commercial-Sector and Municipal/Public-Sector Tracks

Starting in Fiscal Year 2010-2011, the incentive levels for municipal/public-sector customers have been enhanced significantly. That means that your municipality is eligible to receive incentives that, in some instances, are much greater than those offered to your industrial or commercial customers. Any state, federal or special districts to which you supply electricity are also eligible for these enhanced incentives.

Application Cycles and New Flexibilities

Year 2 of the program runs from June 1, 2010 through April 30, 2011. Funds are allocated to IMEA members based on a prorated share of their electric purchases from the IMEA. (See page 3 for the fiscal year 2010-11 allocations.) Members can apply for funds no later than March 1, 2011, with projects being completed by June 1, 2011.

Under new program rules, applications for funding for projects at municipalities or at public-sector facilities served by IMEA members will be accepted on an ongoing basis, beginning June 1, 2010. Subject to funding availability, approved projects will have reserved funds until April 31, 2011. Funds not used in the current fiscal year may be carried over to the next year through fiscal year 2012-13. At their discretion and subject to fund availability, members may commit their actual and anticipated share of energy efficiency funds from 2010 through fiscal year 2012-13 to a major project with the understanding that funds will be paid to the customer over the three-year period.

How the Program Works – An Overview

Each year, the IMEA will allocate funding for the program. A portion of that year's funding is then earmarked for the use of each member. Each member's share is weighted according to its load forecast for the fiscal year (e.g., a member that uses 5% of IMEA's total electric load is allocated 5% of the total energy efficiency funding for that year). (See page 3 for the fiscal year 2010-11 allocations.)

Members may submit energy efficiency project proposals on their own behalf or on behalf of their commercial or industrial electric customers. Members decide which projects they would like to receive all or part of that member agency's share of IMEA Energy Efficiency funding.

Once a member forwards an application for funding to the IMEA, the IMEA reviews it to ensure the application is properly and accurately completed and then sends the application to the Illinois

Department of Commerce and Economic Opportunity (DCEO). DCEO acts as an outside auditor of the program. The department will check the application and issue a Notice to Proceed.

After the energy efficiency project is finished, the member or the member's industrial or commercial customer submits a final application for funding along with invoices, receipts and other documentation. The IMEA and DCEO quickly review the final application and issue a check to the customer.

Accessing Grant Applications and Worksheets for Industrial/Commercial Customers

You or your industrial/commercial customers may access the Energy Efficiency Guidelines and Application form and an excel-based worksheet supporting the application at the IMEA Web site (www.imea.org). Access the "Energy Efficiency" page by clicking that option from the menu on the left side of the home page. The application and worksheet are hot linked at the top of the Energy Efficiency page (www.imea.org/EnergyEfficiency.aspx).

The application found on the Web page has a blue cover sheet to differentiate it from the application that should be used for projects by members and public-sector clients, which has a red cover sheet.

Accessing Grant Applications and Worksheets for Members and their Public-Sector Customers

IMEA board members will be in charge of distributing applications and worksheets used to request IMEA Electric Efficiency Program Funds for projects at their municipalities or at public-sector facilities that they serve.

Those applications are attached to this e-mail. IMEA Board members are encouraged to distribute them electronically.

The application form and worksheet used for members and their public-sector clients have red cover sheets, to differentiate them from the application and worksheet to be used by industrial/commercial customers, which have blue coversheets.

Have Questions or Need Help? Contact IMEA.

If you need forms or have questions about the IMEA Electrical Efficiency Program, please contact:

Rodd Whelpley
Program & Communications Administrator
Illinois Municipal Electric Agency
300 Conifer Drive
Springfield, IL 62711
217-789-4632
800-243-4632
rwhelpley@imea.org

IMEA Energy Efficiency Allocations Fiscal Year 2010-2011

Member	FY 2010-11		Energy Efficiency
	Load Forecast	Percentage	Allocation \$600,000
Altamont	26,436,167	0.98%	\$5,871.59
Bethany	9,224,126	0.34%	\$2,048.72
Breese	54,059,259	2.00%	\$12,006.79
Bushnell	37,897,368	1.40%	\$8,417.17
Cairo	76,540,849	2.83%	\$17,000.05
Carlyle	42,357,179	1.57%	\$9,407.71
Carmi	61,330,592	2.27%	\$13,621.79
Casey	39,164,385	1.45%	\$8,698.58
Chatham	75,945,432	2.81%	\$16,867.81
Fairfield	76,987,408	2.85%	\$17,099.23
Farmer City	20,912,647	0.77%	\$4,644.79
Flora	129,713,824	4.80%	\$28,810.00
Freeburg	42,565,912	1.58%	\$9,454.07
Greenup	15,910,279	0.59%	\$3,533.74
Highland	145,201,364	5.37%	\$32,249.85
Ladd	14,654,468	0.54%	\$3,254.82
Marshall	71,335,838	2.64%	\$15,844.00
Mascoutah	53,970,118	2.00%	\$11,987.00
Metropolis	90,919,560	3.37%	\$20,193.63
Naperville	0	0.00%	\$0.00
Oglesby	42,395,029	1.57%	\$9,416.12
Peru	214,667,785	7.95%	\$47,678.64
Princeton	115,647,190	4.28%	\$25,685.74
Rantoul	150,243,493	5.56%	\$33,369.73
RECC	119,565,643	4.43%	\$26,556.04
Red Bud	14,533,293	0.54%	\$3,227.91
Riverton	22,204,391	0.82%	\$4,931.69
Rock Falls	80,212,548	2.97%	\$17,815.55
Roodhouse	14,238,375	0.53%	\$3,162.40
St. Charles	552,020,933	20.43%	\$122,606.22
Sullivan	68,455,102	2.53%	\$15,204.17
Waterloo	93,236,660	3.45%	\$20,708.26
Winnetka	128,886,296	4.77%	\$28,626.20
	2,701,433,513	100.00%	\$600,000.00

**ILLINOIS MUNICIPAL ELECTRIC AGENCY
ELECTRIC EFFICIENCY PROGRAM**

**INCENTIVES FOR IMEA MEMBER MUNICIPALITIES
AND GOVERNMENTAL ENTITIES**

GUIDELINES AND APPLICATION
Program Year 2 Start Date: May 1, 2010

**ILLINOIS DEPARTMENT OF COMMERCE AND ECONOMIC OPPORTUNITY
STATE ENERGY OFFICE
500 EAST MONROE STREET
SPRINGFIELD, ILLINOIS 62701**

Pat Quinn
Governor



Warren Ribley
Director



SECTION 1**GENERAL INFORMATION**

Overview- This Energy Efficiency and Energy Conservation program is available to the membership (and its member's retail customers) of the Illinois Municipal Electric Agency (IMEA). It is administered by the Illinois Department of Commerce and Economic Opportunity (DCEO) and funded through IMEA. The program runs from May 1, 2010 through April 30, 2011. Funds are allocated to IMEA members based on a prorated share of their electric purchases from the IMEA. Members can apply for funds no later than March 1, 2011 with projects being completed by June 1, 2011. Projects will be reviewed and overseen by the Illinois Department of Commerce and Economic Opportunity. Projects receiving less than \$50,000 will be handled as rebates, while those receiving more than \$50,000 will be handled as grants.

SECTION 2**ELIGIBILITY CRITERIA**

Eligible projects must be located in Illinois and receive wholesale electric service from the IMEA. Projects must produce electricity savings through efficiency improvements in municipal or governmental buildings, equipment, or processes. Ineligible projects include repairs of existing equipment, fuel switching, new electric generation or those projects solely related to demand response or demand control. Project paybacks must occur before the projected end of the equipment life.

Incentive Awards. The total incentive cannot exceed 100 percent of the incremental measure cost and 75 percent of the total project cost. The incentive amounts for each program are listed in the attached worksheets. For customized incentives and "Smart Grid" applications, funding will be based on \$.20 per kWh for one year's worth of estimated electric savings. New breakthrough equipment and devices for exterior lighting will be based on 75% of total project costs. Geothermal projects will be funded at \$1,000.00 per ton. Maximum funding cannot exceed monies available under the allotment to the member by the IMEA. DCEO and IMEA reserve the right to review applications, withhold funding or negotiate incentive levels. Bid prices must be in line with current market conditions for similar projects/conditions.

Payment Schedule/Reporting and Project Monitoring. The grant agreement will specify the conditions of payment and the payment schedule. Grantees will be required to submit progress and expenditure reports in accordance with the requirements of the grant agreement. Grantee will allow DCEO, Member and IMEA officials access to their site to verify project issues. Energy savings numbers will be shared with DCEO and IMEA (for public release unless specifically noted as confidential or proprietary).

Ownership/Use of Equipment. Equipment must remain in place for the lesser of five years or "useful life".

State and IMEA Not Liable. Grantee shall hold the State of Illinois, the Member and the IMEA harmless from any and all claims, demands, and actions based upon or arising out of any services performed by Grantee or by their agents or employees under a grant agreement. The Department, by entering into a grant agreement, does not pledge or promise to pledge the assets of the state nor does it promise to pay any compensation to the Grantee from any moneys of the treasury or the state except such moneys as shall be appropriated and paid to the Grantee by the IMEA.

Indemnity. The Grantee agrees to assume all risks of loss and to indemnify and hold the Department, the Member and the IMEA, their officers, agents and employees, harmless from and against any and all liabilities, demands, claims, damages, suits, costs, fees, and expenses, incidents thereto, for injuries or death to persons and for loss of, damage to, or destruction of property because of the Grantee's negligence, intentional acts or omissions. In the event of any demand or claim, the Department may elect to defend any such demand or claim against the Department and will be entitled to be paid by the Grantee for all damages.

Term and Application. Applications under this program will be accepted on an ongoing basis, beginning on June 1, 2010, subject to funding availability. Applications shall be printed or typed on the current approved forms included in this document or on the Excel spreadsheet that supports this application. Applications must be complete to receive consideration.

Approved projects will have reserved funds until April 31, 2011. Final application, reflecting the measures and equipment actually installed, must be submitted within 45 days of project completion. Project documentation, such as copies of dated invoices for the purchase and installation of the measures and/or product specification sheets, is required.

Applications must initially be screened by the Member community. The community will then forward the applications to the IMEA for further review. The IMEA will then forward the application to DCEO for processing and implementation. The IMEA member will have final say as to the priority of project funding in its community.

Incentives. The applicant must submit final completion certification to the Department within 45 days of the project completion. This certification must include the project completion and system operation dates. Applicants are also required to provide any information that may be required by the Independent Evaluator to assure Department compliance. Applications that satisfy the general review of program and provide certification of completion will be processed subject to Department approval. For incentives over \$50,000, the Department will incorporate a statement of work, budget, and grant requirements into a Grant Agreement between the Department and the Grantee. The Grant Agreement will require the Grantee's signature before the final Department approval.

ADDENDUM TO PROGRAM GUIDELINES

This Addendum to the program guidelines for the IMEA Public Sector Energy Efficiency Program (IMEA PSEE) applies to new applications processed after June 1, 2010 and received by close of business April 22, 2013, for all projects that will be completed by the end of the Program Year, May 31, 2013. IMEA PSEE applicants are eligible for funding for use with Municipal, County, State, Federal, and local public bodies (such as schools, libraries, pools, etc.) being served wholesale electricity through the IMEA. These IMEA PSEE incentives are only available as long as funds last. All other program provisions and limitations apply.

1.0 New Technology Lighting Program

New Technology Lighting (LEDs, Induction, Plasma, etc.) shall receive up to 75% of total project costs to include equipment, labor and engineering. Funding is available to switch out existing lighting or to install lighting in new subdivisions, parking lots, etc.

2.0 HVAC and Geothermal Systems

Incentives for HVAC shall be calculated with a base of \$250 per unit, plus \$50 per ton of HVAC.

Geothermal units shall receive \$1,000 per ton.

HVAC and Geothermal installations will be capped at 75% of total project cost to include equipment, labor and engineering.

3.0 VSD or High Efficiency Motors

Variable Speed Drive, Variable Frequency Drive and High Speed Motors shall receive up to 75% of total project costs to include equipment, labor and engineering.

4.0 Custom Incentive/Smart Grid and Distribution Upgrades

Custom incentive, Smart Grid, Distribution upgrade, Power Factor Correction etc. shall receive \$.20 per annual kWh reduced, up to 75% of total project costs.

ILLINOIS MUNICIPAL ELECTRIC AGENCY ELECTRIC EFFICIENCY PROGRAM

APPLICATION AND WORKSHEETS FOR STANDARD AND CUSTOM INCENTIVE PROGRAMS

Pre-Approval Application must include:

- Completed Pre-Approval Application
- Signed Certification
- Manufacturer spec sheets
- Applicable Lighting*, HVAC, Motors and/or Refrigeration Standard Incentive Worksheet(s) or Custom Incentive Application
- For lighting projects, submit a Light Survey*

Final Application must include:

- Completed Final Application
- Signed Certification
- Manufacturer spec sheets, unless submitted with Pre-Approval or if equipment updated
- Updated Lighting, HVAC, Motors and/or Refrigeration Standard Incentive Worksheet(s) or Custom Incentive Application
- Invoices and receipts
- For lighting projects, submit a Final Light Survey*

*Light Survey for **new fixtures** to include: room/area, quantity of existing fixtures, description and wattage of existing fixtures, quantity of new fixtures, description and wattage of new fixtures.

*Light Survey for all lighting **retrofits** to include: room/area, quantity, description of existing fixtures, number of lamps in existing fixtures and number of lamps in retrofit fixtures. Lamp total shall match number of lamps indicated in the Lighting Incentive Spreadsheet. Retrofit lamps and ballasts shall be listed at: <http://www.cee1.org/com/com-lt/com-lt-main.php3>

*Light Survey for Occupancy Sensors to include: room/area, wattage of fixtures controlled.

APPENDIX A: APPLICATION FOR STANDARD AND CUSTOM INCENTIVE PROGRAMS

Check one:

Pre-approval

Final Application

Name of Applicant:*		
Proposed Start Date:		Planned Completion Date:
Address where measures installed, if different from authorized signature address below: (Attach list if multiple locations)		
Address:	City:	Zip:
Project Manager:		
Telephone #:	Fax #:	Email Address:
IMEAEE Incentive Requested** \$ _____		Contractor Information (if known) Contact Name:
Other Public Incentive Funds \$ _____		Company:
Specify Other Public Funds *** _____		Phone:
Total Project Cost**** \$ _____		Email Address:

Complete this form along with the appropriate forms in Appendices B and C.

For this **Application** form, DCEO encourages the use of the Excel spreadsheet that supports this application.

*Applicant means a customer receiving wholesale electric service from the IMEA.
 ** Incentive cannot exceed 75 percent of total project cost.
 ***Such as State Energy Program (SEP), Energy Efficiency and Conservation Block Grant (EECBG), Illinois Clean Energy Community Foundation (ICECF).
 ****Total Project Cost = Equipment + Labor+Engineering & Design

APPLICANT CERTIFICATIONS FOR STANDARD AND CUSTOM INCENTIVE PROGRAMS

Applicant hereby certifies that:

- The project receives wholesale electric service from IMEA or electric delivery service from an IMEA member municipality or power purchaser.
- All authorizations required to perform the project, described in its application, have either been obtained or will be obtained no later than 90 days following the project beginning date set forth in the Notice to Proceed Letter issued by the Department.
- It has not been barred from contracting with a unit of state or local government as a result of a violation of Section 33E-3 or 33E-4 of the Criminal Code of 1961 (720 ILCS 5/33 E-3 and 5/33 E-4).
- It is not in violation of the Educational Loan Default Act (5 ILCS 385/3).
- I understand that the Illinois Prevailing Wage Act (820 ILCS 130/0.01) may apply and that Grantees are responsible for determining if their projects will trigger compliance.
- As of the submittal date, the information provided in its application is accurate, and the individuals signing below are authorized to submit this application.

Authorized Official (signature*)

Telephone

Typed/Printed Name

Fax

Title

Date

FEIN Number (9 digits, Federal Employment
Id Number, does not start with "E")

Applicant**

Authorized Signature Address

Authorized Signature City, 9 Digit Zip (find 9-Digit Zip at <http://zip4.usps.com/zip4/welcome.jsp>)

Authorized Signature E-mail Address

*Electronic signatures not acceptable. Please supply Certifications (this page) with original signature via mail, fax or electronically (scanned document)

For this **Certification** form, DCEO encourages the use of the Excel spreadsheet that supports this application.

Lighting Incentive Worksheet - DCEO Illinois Municipal Electric Agency Electric Efficiency Program – Year 2

Equipment Type	Incentive	Unit	# of Units	Incentive Subtotal
Compact Fluorescent Lamps (Screw-in)				
15 W or Less	\$1.50	Lamp		
16 W - 26W	\$1.50	Lamp		
27 W or Greater	\$2.00	Lamp		
Hardwired Compact Fluorescent Fixtures				
29 W or Less	\$41.00	Fixture		
30 W or Greater	\$82.00	Fixture		
Delamp, Permanent Lamp Removal – (Pre-approval application is required)				
Delamp, 4-foot Lamp, Ballast, Holders	\$10.00	Lamp		
Delamp, 8-foot Lamp, Ballast, Holders	\$13.00	Lamp		
Delamp, 4-foot Lamp, add Reflector	\$20.00	Lamp		
Delamp, 8-foot Lamp, add Reflector	\$26.00	Lamp		
High Performance or Reduced Wattage 4-foot T8				
4-foot Lamp and Ballast	\$11.00	Lamp		
4-foot Reduced Watt Lamp Only	\$1.50	Lamp		
Reduced Wattage 8-foot T8				
8-foot Lamp and Ballast	\$16.00	Lamp		
8-foot Lamp Only	\$1.50	Lamp		
Specialty T8 Lamps and Ballasts				
4-foot U Tube and Ballast	\$4.50	Lamp		
2-foot Lamp and Ballast	\$4.50	Lamp		
3-foot Lamp and Ballast	\$7.50	Lamp		
LED Lighting				
LED T-1 Electroluminescent Exit Signs	\$25.00	Signs		
LED Lamp/Fixture	\$15.00	Lamp		
Metal Halide				
Integrated Ballast Ceramic Metal Halide Lamps	\$7.50	Fixture		
Pulse Start or Ceramic, 100W or Less	\$33.00	Fixture		
Pulse Start or Ceramic, 101W – 200W	\$57.00	Fixture		
Pulse Start or Ceramic, 102W – 350W	\$66.00	Fixture		
Induction Lighting				
Interior Induction Fixture	\$45.00	Fixture		
Cold Cathode				
Cold Cathode	\$4.00	Lamp		
Controls				
Occupancy Sensors	\$0.16	Connected Watts Controlled		
Plug Load Occupancy Sensor	\$30.00	Sensor		
Bi-Level Stairwell/Hall/Garage Fixtures w/ integrated sensors	\$38.00	Fixture		
T8/T5 New Fluorescent Fixtures with Electronic Ballast (Pre-approval application is required)				
Total Existing Fixture Watts less total New Fixture Watts	\$0.60	Connected Watt Reduction		
Total Existing Fixture Watts less total New Fixture Watts	\$0.60			
Total Existing Fixture Watts less total New Fixture Watts	\$0.60			
LED traffic signal modules. LED Signal Head consists of 1 red, 1 green and 1 yellow ball module. Arrow and Pedestrian LED Modules consist of 1 module (any color). Pedestrian Combo consists of walk/hand/countdown.				
8" Traffic LED Signal Head	\$125.00	Module		
12" Traffic LED Signal Head	\$150.00	Module		
8" Arrow LED Module	\$33.00	Module		
12" Arrow LED Module	\$57.00	Module		
8"-9" Pedestrian LED Module	\$49.00	Module		
12" Pedestrian LED Module	\$57.00	Module		
16"x18" Pedestrian Combo	\$57.00	Module		
Total				

For this Lighting Incentive Worksheet form DCEO encourages the use of the Excel spreadsheet that supports this application.

Lighting Specifications

All lighting projects are expected to comply with the Illuminating Engineering Society of North America (IESNA) recommended lighting levels or the local code.

Compact Fluorescent Lamps (Screw-in)

This incentive applies to screw-in compact fluorescent lamps (CFLs) and applies only if an incandescent or high intensity discharge (HID) lamp is being replaced. All screw-in CFLs must be ENERGY STAR®-rated. The lamp/ballast combination must have an efficacy of ≥40 lumens per Watt (LPW). For screw-in CFLs, electronic ballasts are required for lamps ≥18 Watts.

Hardwired Compact Fluorescent Fixtures

For hardwired CFL fixtures, only complete new fixtures or modular hardwired retrofits with hardwired electronic ballasts qualify. The CFL ballast must be programmed start or programmed rapid start with a power factor (PF) ≥90 and a total harmonic distortion (THD) ≤20%.

De-lamp, Permanent Lamp Removal

Incentives are paid for de-lamping, permanent removal, of existing fluorescent lamps. De-lamp is the net reduction in the number of lamps in a fixture. Applicants are responsible for determining whether or not to use reflectors in combination with lamp removal in order to maintain adequate lighting levels. Lighting levels are expected to meet the Illuminating Engineering Society of North America (IESNA) recommended light levels. Unused lamps, lamp holders, and ballasts must be permanently removed from the fixture and disposed of in accordance with local regulations. This measure is applicable when retrofitting from T12 lamps to T8 lamps or reconfiguring a T8 fixture to reduce the number of lamps. Removing lamps from a T12 fixture that is not being retrofitted with T8 lamps are not eligible for this incentive. A **Pre-approval Application is required** for lamp removal projects in order for DCEO to conduct a pre-retrofit inspection.

High Performance 4-foot T8 Lamps and Ballast

This measure consists of replacing existing T12 lamps and magnetic ballasts with high performance T8 lamps and electronic ballasts. This measure is based on the Consortium for Energy Efficiency (CEE) high performance T8 specification (www.cee1.org) and is listed in Table 1. A list of qualified lamps and ballasts can be found at: <http://www.cee1.org/com-1t/com-1t-main.php3>. Both the lamp and ballast must meet the specification in order to qualify for an incentive. Incentives for this measure are calculated per lamp installed. A manufacturer's specification sheet must accompany the application.

Table 1. High Performance 4-foot T-8 Lamps and Ballasts

Performance Characteristics for Systems				
Mean System Efficacy	≥ 90 Mean Lumens per Watt (MLPW) for Instant Start Ballasts			
	≥ 88 MLPW for Programmed Rapid Start Ballasts			
Performance Characteristics for Lamps				
Color Rendering Index (CRI)	≥ 80			
Minimum Initial Lamp Lumens	≥ 3100 Lumens*			
Lamp Life	≥ 24,000 hours			
Lumen Maintenance or Minimum Mean Lumens	≥ 90% or ≥ 2,900 Mean Lumens			
Performance Characteristics for Ballasts				
Ballast Efficacy Factor (BEF) BEF = (BF x 100) / Ballast Input Watts	Instant-Start Ballast (BEF)			
	Lamps	Low BF ≤ 0.85	Norm 0.85 < BF ≤ 1.0	High BF ≥ 1.01
	1	> 3.08	> 3.11	NA
	2	> 1.60	> 1.58	>1.55
	3	≥ 1.04	≥ 1.05	≥ 1.04
	4	≥ 0.79	≥ 0.80	≥ 0.77
	Programmed Rapid Start Ballast (BEF)			
	1	≥ 2.84	≥ 2.84	NA
	2	≥ 1.48	≥ 1.47	≥ 1.51
	3	≥ 0.97	≥ 1.00	≥ 1.00
	4	≥ 0.76	≥ 0.75	≥ 0.75
	Ballast Frequency	20 to 33 kHz or ≥ 40 kHz		
Power Factor	≥ 0.90			
Total Harmonic Distortion	≤ 20%			

*For lamp with color temperatures ≥ 4500K, Minimum Initial Lamp Lumens must be ≥ 2950 Lumens

Table 2. Reduced Wattage 4-Foot Lamps and Ballasts

Performance Characteristics for Lamps¹		
Mean System Efficacy	≥ 90 MLPW	
Color Rendering Index (CRI)	≥ 80	
Minimum Initial Lamp Lumens	≥ 2585 Lumens for 28 W ≥ 2400 Lumens for 25 W	
Lamp Life ²	> 18,000 hrs at three hours per start	
Lumen Maintenance or Minimum Mean Lumens ³	≥ 94% - or - ≥ 2430 Lumens for 28 W ≥ 2256 Lumens for 25 W	
Performance Characteristics for 28 and 25 W Ballasts		
Ballast Frequency	20 to 33 kHz or ≥ 40 kHz	
Power Factor	≥ 0.90	
Total Harmonic Distortion	≤ 20%	
Performance Characteristics for Ballasts⁴, 28 W systems		
Ballast Efficacy Factor (BEF) BEF = [BF x 100] / Ballast Input Watts Based on: (1) Type of Ballast (2) No. of lamps driven by Ballast (3) Ballast Factor	Instant-Start Ballast (BEF)	
	Lamps	All Ballast Factor Ranges
	1	≥ 3.52
	2	≥ 1.76
	3	≥ 1.16
4	≥ 0.88	
Performance Characteristics for Ballasts⁴, 25W systems		
Ballast Efficacy Factor (BEF) BEF = [BF x 100] / Ballast Input Watts Based on: (1) Type of Ballast (2) No. of lamps driven by Ballast (3) Ballast Factor	Instant-Start Ballast (BEF)	
	Lamps	All Ballast Factor Ranges
	1	≥ 3.95
	2	≥ 1.98
	3	≥ 1.32
4	≥ 0.99	

¹ Lamps ≥ 4500 K and/or 24000 hours have a system efficiency specified > 88 MLPW. Minimum initial and mean lumen levels are specified as follows: for 28 W lamps, limits are 2600/2340. For 25 W lamps, limits are 2300/2185.

² Life rating is based on an instant Start Ballast tested in accordance with ANSI protocols. When used for Program Start Ballast, life may be increased depending upon the operating hours per start.

³ Mean lumens measured at 7,200 hours.

⁴ Multi-Voltage Ballasts must meet or exceed the listed Ballast Efficacy Factor when operated on at least one of the intended operating voltages.

Reduced Wattage 4-foot T8 Lamps and Ballasts

Incentives are available for replacing T12 systems with reduced wattage lamp and electronic ballast systems. The lamps and ballasts must meet the Consortium for Energy Efficiency (CEE) specification (www.cee1.org). Qualified lamps and ballast products can be found at <http://www.cee1.org/com/com-1t/com-1t-main.php3>. Both the lamp and ballast must qualify per Table 2. Incentives are calculated per lamp installed. A manufacturer’s specification sheet must accompany the application.

Reduced Wattage 4-foot T8 Lamp Only

Incentives are available when replacing 32 Watt T8 lamps with reduced wattage T8 lamps when an electronic ballast is already present. The lamps must be reduced wattage in accordance with the Consortium for Energy Efficiency (CEE) specification (www.cee1.org). Qualified products can be found at <http://www.cee1.org/com/com-1t/com-1t-main.php3>. The nominal wattage of new lamps must be 28W (≥2585 Lumens) or 25W (≥2400 Lumens) to qualify. A manufacturer’s specification sheet must accompany the application.

Reduced Wattage 8-foot T8 Lamps and Ballast

This measure is for the replacement of existing T12 lamps and magnetic ballasts with reduced wattage 8-foot T8 lamps and electronic ballasts. Lamps must have a minimum mean lumen per watt (MLPW) of 90 and must have a nominal wattage of less than 57W. A manufacturer’s specification sheet must accompany the application.

Reduced Wattage 8-foot T8 Lamps Only

Incentives are available for replacing 59 Watt T8 lamps with reduced wattage 8-foot T8 lamps. Lamps must have a minimum mean lumen per watt (MLPW) of 90 and must have a nominal wattage of less than 57W. The incentive level is calculated on a per lamp basis and ballast replacement is not necessary. A manufacturer’s specification sheet must accompany the application.

U-tube T8 Lamps and CEE Qualified Ballasts

This measure consists of replacing existing U-tube T12 lamps and magnetic ballasts with U-tube T8 lamps and CEE qualified electronic ballasts. The lamp must have a color rendering index (CRI) ≥ 80 . Qualified ballasts can be found at: <http://www.ceel.org/com/com-lt/com-lt-main.php3>. A manufacturer’s specification sheet must accompany the application.

2 and 3 foot T8 Lamps and Ballasts

This measure consists of replacing existing T12 lamps and magnetic ballasts with T8 lamps and electronic ballasts. The lamp must have a color rendering index (CRI) ≥ 80 and the ballast must have a total harmonic distortion (THD) $\leq 32\%$ at full light output, and the power factor (PF) must be ≥ 0.90 . A manufacturer’s specification sheet must accompany the application.

Exit Signs

High-efficiency exit signs must replace or retrofit an existing incandescent exit sign. Electroluminescent, photoluminescent, T1 and light-emitting diode (LED) exit signs are eligible under this category. Non-electrified and remote exit signs are not eligible. All new exit signs or retrofit exit signs must be UL 924 listed, have a minimum lifetime of 10 years, and have an input wattage ≤ 5 Watts per face.

LED Lighting

LED recessed downlight luminaries up to 18 Watts or screw-in base lamps qualify. The LED recessed downlight must have a minimum efficacy of 35 lumens per Watt. The product must meet ENERGY STAR® version 1.1 criteria. LED lamps with ANSI sockets will qualify based on the July, 2009 ENERGY STAR® specification. See www.energystar.gov for more information. LED lamps and downlight luminaries over 18 Watts may qualify for custom incentives.

LED Channel Signs

LED channel sign incentives are available for retrofitting or replacing incandescent, HID, argon-mercury or neon-lighted channel letter signs. Replacement signs cannot use more than 20% of the actual input power of the sign that is replaced. Maximum letter height determines incentive category.

LED “Open” Sign

LED “open” signs must replace an existing neon open sign. Replacement signs cannot use more than 20% of the actual input power of the sign that is replaced.

Integrated Ballast Ceramic Metal Halide Lamps

Qualifying lamps are 25 watt or less integrated ballast ceramic metal halide PAR lamps with a rated life of 10,500 hours or greater.

Metal Halide Fixtures - Pulse Start or Ceramic

This incentive applies to retrofits of high intensity discharge fixtures with either pulse start metal halide or ceramic metal halide fixtures. Total replacement wattage must be lower than existing wattage to insure energy savings. Retrofit kits may be used on existing mercury vapor, standard metal halide or high pressure sodium fixtures only.

Interior Induction Fixtures

Only new, hard-wired induction fixtures qualify. New fixtures must replace, one for one, existing incandescent, mercury vapor, T12/High Output fluorescent, T12/Very High Output fluorescent, standard metal halide, or high pressure sodium fixtures in interior installations. The new fixtures must not exceed the maximum Wattage listed in the table below for each range of lamp Wattage being replaced.

Base case Wattage	Replacement Fixture Wattage (Maximum)
≥ 400 Watt	360W
176 – 399 Watt	180W
101 – 175 Watt	160W
≤ 100 Watt	95W

Cathode

All Cold Cathode Fluorescent lamps (CCFLs) must replace incandescent lamps of greater than or equal to 10 Watts and not greater than 40 Watts. Cold cathode lamps may be medium (Edison) or candelabra base. Product must be rated for at least 18,000 average life hours.

Occupancy Sensors

Passive infrared, ultrasonic detectors and fixture-integrated sensors or sensors with a combination thereof are eligible. All sensors must be hard-wired and control interior lighting fixtures. The incentive is per Watt controlled. To assist in rebate processing, please provide the inventory of the controlled fixtures with the Final Application.

Plug Load Occupancy Sensor

This rebate applies to passive infrared and/or ultrasonic detectors only. Plug-load sensors must control electricity using equipment in office or cubicles, including lighting, shared copiers, and/or printers.

Bi-Level Stairwell/Hall/Garage Fixtures with Integrated Sensors

Existing fixtures must be a two-lamp T12 fixture. Eligible fixtures are hardwired two-lamp T8 fluorescent fixtures with electronic ballasts and manufacturer integrated occupancy sensors used in areas where code requires lighting 24 hours a day (such as stairwells, hall, and garages). Fixtures with manual override capabilities are not eligible. During occupied periods, the fixture should operate at full light output. During unoccupied periods, the fixture should operate at lower light output and wattage. This measure is not eligible for the occupancy sensor or T12 to T8 incentive.

New T8/T5 Fluorescent Fixtures with Electronic Ballast (Pre-Approval Required)¹

This measure consists of replacing one or more existing fixtures with new fixtures containing T8 or T5 lamps and electronic ballasts. The T8 or T5 lamps must have a color rendering index (CRI) ≥ 80 . The electronic ballast must be high frequency (≥ 20 kHz), UL listed, and warranted against defects for 5 years. Ballasts must have a power factor (PF) ≥ 0.90 . Ballasts for 4-foot lamps must have total harmonic distortion (THD) $\leq 20\%$ at full light output. For 2- and 3-foot lamps, ballasts must have THD $\leq 32\%$ at full light output. High output T5/T8 lamps also qualify for this rebate.

Incentives for this measure are calculated based on the reduction in connected watts. **A Pre-approval Application is required** for this measure in order for DCEO to conduct a pre-retrofit inspection. Specifications of the new fixtures must accompany the final application. Incentives are only available for new fixtures. Retrofit Kits are not considered new fixtures.

Note: PCB ballasts and lamps are hazardous materials and should be disposed of properly.

LED Traffic and Pedestrian Signals

Each lamp must have a maximum LED module wattage of 25. Incentives are not available for spare lights. Lights must be hardwired and single lamp replacements are not eligible, with the exception of pedestrian hand signals. The traffic signal LED modules shall fully comply with the Institute of Transportation Engineers (ITE) latest adopted specifications.

¹ Projects with metal halide, T8, or T5 measures that have documented operating hours exceeding 6,000 per year (such as 24-hour facilities) may apply under the Custom Program.

Variable-Speed Drive on HVAC Motors VSD Application Description	(A) VSD Size (HP)	(B) Quantity	(C) Incentive per HP	(A*B*C) Incentive
			\$82.00	
			\$82.00	
			\$82.00	
Total*				

Demand Control Ventilation for Kitchen Exhaust Hoods	New Hood		Retrofit Hood		(A*B) Incentive
	(A) Exhaust Fan HP	(B) Incentive Per HP	(A) Exhaust Fan HP	(B) Incentive Per HP	
Unit Description		\$450		\$600	
		\$450		\$600	
		\$450		\$600	
Total *					

* Incentive cannot exceed 75 percent of total project cost.

Specifications for HVAC Measures

Unitary and Split Air Conditioning Systems and Air Source Heat Pumps

New unitary air conditioning units or air source heat pumps that meet or exceed the qualifying cooling efficiency shown in the HVAC Incentive Worksheet Table are eligible for an incentive. They can be either split systems or single package units. The efficiency of split systems is based on an ARI reference number. Water-cooled systems, evaporative coolers, and water source heat pumps do not qualify under this program, but may qualify under the Custom Incentive Program. All packaged and split system cooling equipment must meet Air Conditioning and Refrigeration Institute (ARI) standards (210/240, 320 or 340/360), be UL listed, use a minimum ozone-depleting refrigerant (e.g., HCFC or HFC). All required efficiencies are based on the Consortium for Energy Efficiency (CEE) high efficiency commercial air conditioning and heat pump specifications (www.cceel.org). **A manufacturer's specification sheet indicating the system efficiency must accompany the application.** Disposal of the existing unit must comply with local codes and ordinances.

Water- and Air-cooled Chillers

Chillers are eligible for an incentive if they have a rated kW/ton for the Integrated Part Load Value (IPLV) that is less than or equal to the qualifying Level 1 and Level 2 efficiency shown in the table below. The chiller efficiency rating must be based on ARI Standard 550/590-2003 for IPLV conditions and not based on full-load conditions. The chillers must meet ARI standards 550/590-2003, be UL listed, and use a minimum ozone-depleting refrigerant (e.g., HCFC or HFC). The ARI net capacity value should be used to determine the chiller tons. **A manufacturer specification sheet with the rated kW/Ton-IPLV or COP-IPLV must accompany the application.** Qualifying efficiencies for chillers are summarized below.

Chiller type	Size (Tons)	Level 1 kW/ton IPLV	Level 2 kW/ton IPLV
Scroll or Helical-Rotary	< 150	0.61	0.54
	150 to 300	0.57	0.50
	>= 300	0.51	0.46
Centrifugal	< 150	0.60	0.54
	150 to 300	0.54	0.48
	>= 300	0.49	0.44
Reciprocating	ALL	0.63	0.56
Air-Cooled	ALL	1.04	NA

Room Air Conditioners

Room air conditioning units are through-the-wall (or built-in) self-contained units that are 2 tons or less. There are two eligible efficiency levels as listed by the CEE (www.cceel.org). A unit can either qualify under ENERGY STAR standards or under Super Efficient Home Appliance (SEHA) Tier 1 standards. The minimum requirements and eligible equipment are listed in the CEE high efficiency room air conditioning specifications (www.cceel.org). These units are with and without louvered sides, without reverse cycle (i.e., heating), and casement. The qualifying efficiencies for both levels are provided below. Disposal of existing unit must comply with local codes and ordinances.

Size (Btuh)	Level 1	Level 2
	2000 ENERGY STAR (EER)	SEHA Tier 1 (EER)
< 8,000 (0.67 tons)	10.7	11.2
8000 to 13,999 (0.67-1.2 tons)	10.8	11.3
14,000 to 19,999 (1.3-1.7 tons)	10.7	11.2
>= 20,000 (>1.7 tons)	9.4	9.8

Package Terminal AC and Heat Pump Units (PTAC/PTHP)

Package terminal air conditioners and heat pumps are through-the-wall self contained units that are 2 tons (24,000 Btuh) or less. Only units that have an EER greater than or equal to $13.08 - (0.2556 * \text{Capacity} / 1000)$, where capacity is in Btuh, qualify for the incentive. All EER values must be rated at 95 °F outdoor dry-bulb temperature.

Variable-Speed Drives on HVAC Motors

Variable-speed drives (VSDs) which are installed on existing chillers, HVAC fans, HVAC pumps and packaged units are eligible for this incentive. New chillers with integrated VSDs are eligible under the chiller incentive. VSDs on new equipment are not eligible. The installation of a VSD must accompany the permanent removal or disabling of any throttling devices such as inlet vanes, bypass dampers, and throttling valves. VSDs for non-HVAC applications may be eligible for a custom incentive. The incentive is per controlled HP.

Demand Control Ventilation for Kitchen Exhaust Hoods

The measure consists of installing a control system that varies the exhaust rate of kitchen ventilation (exhaust and/or makeup air fans) based on the energy and effluent output from the cooking appliances (i.e., the more heat and smoke/vapors generated, the more ventilation needed). This involves installing a temperature sensor in the hood exhaust collar and/or an optic sensor on the end of the hood that senses cooking conditions and allows the system to automatically vary the rate of exhaust to what is needed by adjusting the fan speed accordingly.

Refrigeration Incentive Worksheet

Refrigeration Measures				
Measure	Incentive Unit	Quantity	Incentive/Unit	Incentive
Strip Curtains on Walk-Ins	Per Square Foot		\$6.00	
Anti-Sweat Heater Control	Per Linear Foot		\$45.00	
EC Motor for Walk-in*	Per Motor		\$75.00	
EC Motor for Reach-in*	Per Motor		\$52.00	
Refrigeration Economizer	Per Compressor HP		\$120.00	
Evaporative Fan Control	Per Motor		\$90.00	
Automatic Door Closers for Walk-in Freezers	Per Door		\$240.00	
Beverage Machine Control	Per Unit		\$150.00	
Snack Machine Control	Per Unit		\$45.00	
ENERGY STAR Refrigerated Vending Machine	Per Unit		\$150.00	
LED Refrigeration Case Lighting	Per Door		\$30.00	
Total**				

High-Efficiency Ice Makers					
Size (lbs / 24 hrs)	Qualifying kWh per 100 lbs	Installed kWh per 100 lbs	Quantity	Incentive per Ice Maker	Incentive
101-200	8.5			\$225.00	
201-300	7.7			\$225.00	
301-400	6.5			\$300.00	
401-500	5.5			\$340.00	
501-1000	5.2			\$450.00	
1001-1500	5.0			\$600.00	
>1500	4.6			\$600.00	
Total**					

*EC= Electrically Commutated

** Incentive cannot exceed 75 percent of total project cost.

For this Refrigeration Incentive Worksheet form DCEO encourages the use of the Excel spreadsheet that supports this application.

Specifications for Refrigeration Measures

Strip Curtains on Walk-in Coolers and Freezers

New strip curtains or clear plastic swinging doors must be installed on doorways of walk-in boxes and refrigerated warehouses. This incentive is not available for display cases or replacing existing strip curtains that have useful life left. A pre-inspection may be performed. Incentive is based on square footage of doorway.

Anti-Sweat Heater Controls

For this measure, a device is installed that senses the relative humidity in the air outside of the display case and reduces or turns off the glass door (if applicable) and frame anti-sweat heaters at low-humidity conditions. Technologies that can turn off anti-sweat heaters based on sensing condensation (on the inner glass pane) also qualify. Rebate is based on the total linear footage of the case.

Electrically Commutated (EC) Evaporator Fan Motor (Refrigerated Cases or Walk-ins)

This measure is applicable to the replacement of an existing standard-efficiency shaded-pole evaporator fan motor in refrigerated display cases or fan coil in walk-ins. The replacement unit must be an Electronically Commutated Motor (ECM). This measure cannot be used in conjunction with the Evaporator Fan Controller measure.

Refrigeration Economizer

The incentive is for installing economizers and controls for walk-in coolers at least 1,000 cu ft. in size. The outdoor air and exhaust dampers must close automatically when the outside air temperature exceeds 34° F.

Evaporative Fan Controls

This measure is for the installation of controls in medium temperature walk-in coolers. The controller reduces airflow of the evaporator fans when there is no refrigerant flow. The measure must control a minimum of 1/20 HP where fans operate continuously at full speed. The measure also must reduce fan motor power by at least 75% during the off cycle.

This measure is not applicable if any of the following conditions apply:

- 1) The compressor runs all the time with high duty cycle
- 2) The evaporator fan does not run at full speed all the time
- 3) The evaporator fan motor runs on poly-phase power
- 4) The evaporator fan motor is not shaded-pole or permanent split capacitor (PSC)
- 5) Evaporator does not use off-cycle or time-off defrost.

Automatic Door Closer for Walk-in Freezers

This measure is for installing an auto-closer to the main insulated opaque door(s) of a walk-in freezer. The auto-closer must firmly close the door when it is within one inch of full closure.

Beverage Machine Control

The beverage machine is assumed to be a refrigerated vending machine that contains only non-perishable bottled and canned beverages. Controller for both types of systems must include a passive infrared occupancy sensor to turn off fluorescent lights and other vending machine systems when the surrounding area is unoccupied for 15 minutes or longer. For the beverage machine, the control logic should power up the machine at 2-hour intervals to maintain product temperature and provide compressor protection.

ENERGY STAR[®] Refrigerated Beverage Vending Machine

ENERGY STAR beverage vending machines qualify for an incentive. Qualifying machines can be found at http://www.energystar.gov/ia/products/prod_lists/vending_machines_prod_list.pdf.

High-Efficiency Ice Makers

The incentive covers ice machines that generate 60 grams (2 oz.) or lighter ice cubes, flaked, crushed, or fragmented ice. Only air-cooled machines qualify (self contained, ice making heads, or remote condensing). The machine must have a minimum capacity of 101 lbs of ice per 24-hour period (per day). The minimum efficiency required is per ENERGY STAR or CEE Tier 2*. A manufacturer's specification sheet must accompany the application that shows rating in accordance to ARI standard 810.

LED Refrigeration Case Lighting

Incentives are for replacing fluorescent refrigerated case lighting with light emitting diode (LED) source illumination. Fluorescent lamps, ballasts, and associated hardware are typically replaced with pre-fabricated LED light bars and LED driver units.

* The websites have a list of qualifying model numbers, www.energystar.gov or www.cce1.org.

Specifications for Premium Motors

Motors eligible for an incentive are three-phase AC induction motors, 1-200 HP, of open drip-proof (open) and totally enclosed fan-cooled (closed) classifications. Rewound motors do not qualify. Incentives are based on the motor's Nominal Full Load Efficiencies, tested in accordance with IEEE (Institute of Electrical and Electronics Engineers) Standard 112, method B, that meet or exceed the NEMA premium efficiency standards on the Motors Incentive Worksheet. The application must include the manufacturer's performance data sheet that at least shows equipment type, equipment size, model number, and efficiency rating. Applicants should consider matching RPMs of the existing pump or fan when installing energy efficient motors that inherently have higher speeds (less slip), which may affect electric energy use.

APPENDIX C: APPLICATION FOR CUSTOM INCENTIVE PROGRAM

Facility Type

The project will be (please check all that apply):

Part of new facility	Addition to existing facility	Replacement for existing equipment
Is equipment operational?	Yes No	
Was the project identified in a DCEO Retro-commissioning Study?	Yes	No

Project Description

Existing Equipment: Describe existing equipment and current operation strategy (i.e., operating hours, efficiency, etc.)

Proposed Equipment: Describe proposed equipment and current operation strategy (i.e., operating hours, efficiency, etc.)

Calculation Method: Briefly describe the method used to calculate annual electric energy savings in kWh (attach documentation if available.)

Total Project Cost (Dollars) _____

Expected Measure Life* (Years): _____

Annual Electric Savings (kWh): _____

Estimated Annual Electric Savings (Dollars): _____

Payback* $\frac{\text{Total Project Costs}}{\text{Estimated Annual Electric Savings}}$: _____

Incentive Amount** (Dollars): _____

* Incentive amount equals 20 cents per annual kWh saved. Exterior lighting and motors incentive amounts are up to 75% of total project cost.
** Incentive cannot exceed 100 percent of the incremental measure cost and 75 percent of the total project cost.

ADDITIONAL DOCUMENTATION FOR CUSTOM PROJECTS

The method and assumption used by the applicant to calculate the annual savings will be reviewed by DCEO. **DCEO is solely responsible for the final determination of the annual energy savings to be used in calculating the incentive amount.** DCEO also reserves the right to require specific measurement and verifications activities such as monitoring both before and after the retrofit and to base the incentive payment on the results of these activities.

The following information should be provided as supporting documentation along with the information required in this application. DCEO reserves the right to request additional documentation if necessary to determine or verify the energy savings.

- Description of the affected facility (i.e., building type, facility size, major business activities performed)
- Concise project description: Describe BOTH the existing (pre-retrofit or “base case”) system and the proposed (post-retrofit or “efficient-case”) system. Be as precise, yet concise as possible in the descriptions - include specific quantities and equipment descriptions.
- Provide the quantity, make, model number and rated capacity of BOTH the existing and the new equipment that is being installed. Condition and age of existing equipment. Also provide other nameplate information like operating voltage and rated full load amps where appropriate. The scope of work from the proposal to the client is often helpful to describe the new equipment.
- Provide copies of the manufacturer’s specifications and/or performance rating sheets and the website address where further technical information about the equipment performance might be found.
- Identify equipment using the terminology or numbering system used by the Client. (e.g. “Replace compressor #3 with a new variable speed compressor” or , “install a VFD on VAV AHU #3,5,7,8,9”).
- Provide copies of sketches, drawings, equipment lists, or inventories that help to clarify the scope.
- Describe the locations where the equipment is installed.
- Describe BOTH the facility operating hours and the equipment operating schedule for each day of the week. Where equipment operation varies with days of the week or seasons, be sure to provide a description of the operation for all days of the week and all seasons.
- Electronic files containing monitoring and trending data used to determine the savings
- Operation schedule of the facility or the affected process
- Describe the fractional loading of the equipment during the hours that it operates.
- Description and documentation of any model used to estimate electric energy consumption (provide the actual model with its various input files if possible)
- Annotate all assumptions or constants used in engineering calculations.
- List of all assumptions utilized in estimating the savings and the source for these assumptions
- Provide the name of the person(s) who did the savings calculations so that staff can discuss questions.
- Use accepted engineering algorithms and procedures from recognized technical organizations such as ASHRAE, SMACNA, ANSI, etc.
- Use rated performance factors tested under accepted procedures specified by recognized rating agencies such as ARI, AGA, ANSI, ASTM, etc. Provide an explanation when equipment performance rating conditions vary from standard conditions.

PROJECTS FREQUENTLY APPROVED FOR CUSTOM EFFICIENCY REBATES

The Custom Efficiency program provides IMEA member municipalities and power purchasers and their customers with incentives to help offset costs for almost any type of energy-saving project from equipment installation to process improvements. This list gives examples of projects we frequently approve through our program, but other projects are equally likely to qualify. Please submit a preapproval application to determine whether your custom project is eligible for a rebate. All Custom Efficiency incentives require preapproval before purchase and installation.

Building envelope

Additional wall/roof insulation

Compressed air

Air storage with controls
 Controls
 More efficient air dryers
 New efficient compressors
 Piping reconfiguration and storage
 Reduce oversized hp of compressors
 Sequencer
 Variable frequency drive (VFD) compressors

Controls-applications

CO2 based ventilation
 Compressed air systems
 Daylighting
 Energy management systems (EMS)
 Energy recovery
 HVAC control (PTAC controls)
 Morning preheat/cool down
 Night setback, day setup
 Start/stop
 Temperature resets
 Lighting

Controls-concepts

Match system operation to occupancy or line speed
 Reduce equipment operational hours

Cooling and heating-concepts

Eliminate simultaneous heating and cooling
 Improve chilled water flow
 Match operation and equipment with current occupancy
 Minimize equipment cycling (boilers, cooling fans, etc.)
 Minimize supply and return fan amps
 Optimize enthalpy control of economizer function
 Optimize mixed air control based on occupancy
 Optimize operation during periods of low occupancy
 Optimize supply air temperature and relative humidity
 Reduce CFM during periods of low occupancy
 Improve economizer function

Cooling and heating-equipment

Air conditioning economizers
 Chillers
 Economizers
 Free cooling
 HVAC heating and cooling control schemes (weekday, weekend, evening settings)
 Insulation (ceiling, wall, water heaters, hot-water distribution pipes)
 New energy-efficient HVAC equipment

Lighting

Efficient use of lighting (mapping and resource needs assessment, lighting level reduction)
Situation where new fixtures save energy but are not a one-to-one exchange. Efficient lighting fixtures include electronic ballasts, compact fluorescent lamps, LED signage, pulse start metal halide, high-bay fluorescents, T8's and super T8
LED Street Lighting
Induction exterior lighting

Refrigeration

Anti-condensate heater control
Compressor sequencing
Floating head pressure control
Insulated freezer doors
Suction level separation
VFD for compressor

Miscellaneous electric equipment

Computer monitors (LCD)
Elevator modernization
Humidification
Insulated dock doors
Pool Covers
Transformers
Vacuum pumps
Ventilation hoods
Welders
Washers

Motors

Adjustable/variable speed drives
Efficient motors > 200 hp
System motor hp reduction

Office equipment

Energy Star office equipment options
(monitors, copiers, inkjet printers, etc.)

Process equipment installation (examples)

Controls to reduce energy input
New process (layout, piping modifications)
New system produces more output than the old system while using the same amount of energy as the old system
New system produces the same output as old system using less energy
Remove/reduce horsepower, motors (oversized, staging)



HD Supply Utilities
1100 Old State Road
Mattoon, IL 61938

FAX TO: TOTAL OF CLARK

FROM: RICK ALLEN

FAX: 618-539-5876

FAX: 217-235-0024

PHONE:

PHONE: 217-258-0814

PAGES (Including cover) 3

Email: RICK.ALLEN@HDSUPPLY.COM

RE: PRIMARY METERING

DATE: 7-8-10

Inquiry, please quote price, delivery, & freight terms.

HD Supply P/O# _____

Expediting, please advise delivery/shipping date.

Bid opening date _____

Message:

GENTLEMEN,
PLEASE FIND ATTACHED THE QUOTE FOR
THE PRIMARY METERING THAT YOU DISCUSSED
WITH COV THIS MORNING.

THANKS!

Rick

**INFORMATION NEEDED BACK BY: _____



2208 S. 14th Street
Mattoon, IL 61938

Primary Metering Padmount

www.hdsupply.com/utilities

Phone: 217.235.0546
Fax: 217.258.0630

Quotation: U00147975.01

To: **FREEBURG MUNICIPAL ELEC DEPT**
412 WEST HIGH
FREEBURG, IL 62243

Issued Date: **Jul 08, 2010**
Expiration Date: **Aug 07, 2010**

Attn: **JOHN & CLARK**

Sales Contact: **Rick Allen**
(P) 217.258.0914
(F) 217.235.0024
rick.allen@hdsupply.com

Phone:

Fax: **618-539-5876**

QTY	DESCRIPTION	UNIT	PRICE	EXTENDED
1	BOM PRI3PHPADR PRIMARY PADMOUNTED 3 ELE 4WYE 5/15 KV MSC RAD FD COMPLETE ASSEMBLY WITH FLEX BRAID BUSS CONNECTIONS, METER SOCKET WITH TEST SWITCH, CT/PT JUNCTION BOXES, TERMINAL STRIP, HARDWARE. DEL: 6-8 WEEKS	EA	13,440.600	13,440.60
2	765X031111 PT 15KV 2BJVW 110 60/1 7200/1200D	Ea	0.000	0.00
3	765X052002 CT TYPE JCK-5 15/5 15KV	EA	0.000	0.00
4	G392007 METER SENT R300SD LVL1 FM9/8S CL20 TOU 2-ERT	EA	0.000	0.00
5	8000870 STANDARD PROGRAMMING FOR	HR	0.000	0.00
6	Z3-175-0 ARRESTER LHTNING SEC 175V MOV W/INDICAT	EA	0.000	0.00
7	LB1215 15KV LOADBREAK BUSHING INSERT W/LATCH INDICATOR STD PKG: 30	EA	0.000	0.00
8	APMP3-2-15-12 DURHAM PRIMARY METERING CABINET 15KV 200A LOADBREAK BUSHING WELLS & INSERTS 1-SET 3PHASE LINE SIDE, 2-SETS METERED LOAD SIDE, SAFETY BARRIERS OVER CT/PT ENCLOSURE SIDE, DEADFRONT PANEL, PARKING STANDS, GALVANIZED STEEL WITH MUNSELL GREEN POWDER COAT ANSI FINISH, SS HINGES AND PENTA LOCKING HARDWARE 79WX 54H X 84D.	EA	0.000	0.00



2208 S. 14th Street
Mattoon, IL 61938

Primary Metering Padmount

Phone: 217.235.0546
Fax: 217.258.6630

www.hdsupply.com/utilities

Quotation: U00147975.01

Item	Description	Quantity	Unit Price	Total Price
------	-------------	----------	------------	-------------

SECTION TOTAL: \$13,440.60

QUOTE TOTAL: \$13,440.60

Special Notes

- 1) All items are In Stock unless otherwise noted.
- 2) All item pricing on this quote is valid for thirty days unless otherwise specified.
- 3) All applicable taxes apply.

As North America's largest electric utilities distributor, HD Supply Utilities offers the industry's broadest and most dynamic portfolio of products, services and solutions for the distribution, transmission and generation of electric power.