



Smart Ideas for Your Business
Energy Efficiency Programs
Prescriptive Incentive Application

PROGRAM CONTACT INFORMATION

For additional information on
ComEd Smart Ideas for Your Business:

Visit our website at
ComEd.com

or

Call our program Hotline at
[\(888\) 806-2273](tel:(888)806-2273)

or

Email us at
ComEdSmartIdeas@KEMA.com

or

[Contact your assigned ComEd account manager](#)

An on-line application system
is available by visiting
www.ComEd.com

Paper applications can be mailed
to our program office at:

[ComEd Smart Ideas for Your Business](#)
[444 E. Roosevelt Rd. #338](#)
[Lombard, IL. 60148](#)

Scanned versions of the paper Pre-approval Application
and Final Application can also be sent via Fax:

[\(630\) 396-9036](tel:(630)396-9036)

or

Email:
ComEdSmartIdeas@kema.com

APPLICANT INFORMATION (REQUIRED)

Applying for incentives from ComEd *and* DCEO for the same energy efficiency measure is prohibited.

Pre-approval Final Application

Name of Company _____

Name as it Appears on Your Utility Bill _____

Name of Contact Person _____

Title _____

Telephone # _____

Fax # _____

Email Address _____

Address Where Measures Installed _____

City, State, Zip (Where Measures Installed) _____

Mailing Address _____

City, State, Zip (Mailing Address) _____

ComEd Account Number (Where Measures Installed) _____

Taxpayer ID Number (SSN/FEIN) _____

Tax Status (Individual, Partnership, Corp, Exempt) _____

Contracting Company _____

Contractor Contact Name _____

Contractor Phone # _____

Contractor Email _____

Contractor Address _____

Business Type: (Check One)

- Office
- School/College
- Retail/Service
- Restaurant
- Hotel/Motel
- Medical
- Grocery
- Warehouse
- Light Industry
- Heavy Industry
- Miscellaneous

PAYMENT RELEASE AUTHORIZATION (OPTIONAL)

Complete this section **ONLY** if incentive payment is to be paid to an entity other than the ComEd customer of record (listed on the application information).

I am authorizing the payment of the incentive to the third party named below and I understand that I will not be receiving the incentive payment from ComEd. I also understand that my release of the payment to a third party does not exempt me from the program requirements outlined in the Measure Specifications and Terms and Conditions.

Authorized By: _____

Customer Signature (ComEd Customer) _____

Print Name _____

Date _____

Check should be made payable to:

Payee: Company/Individual Name			
Mailing Address			
City, State, Zip			
Telephone #			
Taxpayer ID Number (SSN#/FEIN of Payee)		Tax Status (Individual, Partnership, Corp, Exempt)	

AGREEMENT

As an eligible ComEd customer, I certify that I have contracted for or purchased and installed the indicated energy efficiency measures after June 1, 2008, for use in my business facility and not for resale. I have attached documentation establishing proof of payment for the items installed according to this application. Project documentation, such as copies of dated invoices for the purchase and installation of the measures and/or product specification sheets, is required. Further documentation requirements can be found in the Policy and Procedures Manual which can be found at the program website www.ComEd.com or can be ordered by calling the program hotline.

I understand that the location or business name on the invoice must be consistent with the application information. Final Applications and all required supporting documentation should be received by May 31, 2009.

I agree to verification by the utility or their representatives of both sales transactions and equipment installation.

I understand that these incentives are available to all customers who receive their electricity over ComEd wires regardless of which retail electric supplier the customer has chosen to purchase power from.

I certify that the information on this application is true and correct, and that the Taxpayer ID Number is the applicant's. I understand that incentive payments assume related energy benefits over a period of 5 years or for the life of the product, whichever is less.

I agree that if: (1) I do not install the related product(s) identified in my application, or (2) I remove the related product(s) identified in my application before a period of 5 years or the end of the product life, whichever is less; then I shall refund a prorated amount of incentive funds to ComEd based on the actual period of time in which the related product(s) were installed and operating (or the full amount if the product was never installed). This is necessary to assure that the project's related energy benefits will be achieved.

I understand that the program may be modified or terminated without prior notice.

I understand that the Final Application and all required documentation must be received by the ComEd Smart Ideas for Your Business Program within 60 days of project completion. All equipment must be purchased and installed prior to submitting the Final Application.

I understand that this project must involve a facility improvement that results in improved energy efficiency. I also understand that all materials removed, including lamps and PCB ballasts, must be taken out of service and disposed of in accordance with local codes and ordinances. I understand it is my responsibility to be aware of any applicable codes or ordinances. Information about hazardous waste disposal can be found at: <http://www.epa.gov/osw/hazwaste.htm>.

In no case will ComEd pay more than 100% of the incremental measure costs and 50% of the total cost of the project. I understand that ComEd or their representatives have the right to ask for additional information at any time. ComEd Smart Ideas for Your Business Program will make the final determination of incentive levels for this project.

The program has a limited budget. Applications will be processed on a first-come, first-served basis until allocated funds are spent. Final applications should be received by May 31, 2009, to be eligible for funding under the current program period.

I understand that my company may be recognized as a program participant in promotional materials; however, project details will not be released without prior consent. If I choose to opt-out of any recognition, I will indicate my choice in a written letter.

I understand that ComEd does not guarantee the energy savings and does not make any warranties associated with the measures eligible for incentives under this program, and, further, that ComEd has no obligations regarding and does not endorse or guarantee any claims, promises, work, or equipment made, performed, or furnished by any contractors or equipment vendors that sell or install any energy efficiency measures.

I have read and understand the program requirements and Measure Specifications and Terms and Conditions set forth in this application and agree to abide by those requirements. Furthermore, I concur that I must meet all eligibility criteria in order to be paid under this program.

Customer Signature (ComEd Customer)

Print Name

Date

Total Incentive Requested*

Total Project Cost

Project Completion Date

For Final Applications, sign and submit only after all equipment has been installed. A customer signature is required for payment.

*Incentive cannot exceed 100 percent of the incremental measure cost and 50 percent of the total project cost.

LIGHTING INCENTIVE WORKSHEET

Equipment Type	Incentive	Unit	# of Units	Incentive Subtotal
Compact Fluorescent Lamps (Screw-in)				
15W or Less	\$1.50	Lamp		
16W – 25W	\$1.50	Lamp		
26 W or Greater	\$2.00	Lamp		
Hardwired Compact Fluorescent Fixtures				
29W or Less	\$25.00	Fixture		
30W or Greater	\$50.00	Fixture		
Permanent Lamp Removal (Pre-Approval Application Is Required)				
Remove 4-foot Lamp	\$6.00	Lamp		
Remove 8-foot Lamp	\$8.00	Lamp		
Remove 4-foot Lamp with reflector	\$12.00	Lamp		
Remove 8-foot Lamp with reflector	\$16.00	Lamp		
High Performance 4-foot T8				
4-foot Lamp and Ballast	\$7.00	Lamp		
Reduced Wattage 4-foot T8				
4-foot Lamp and Ballast	\$7.00	Lamp		
4-foot Lamp Only	\$1.00	Lamp		
Reduced Wattage 8-foot T8				
8-foot Lamp and Ballast	\$10.00	Lamp		
8-foot Lamp Only	\$1.00	Lamp		
Metal Halide — Pulse Start or Ceramic				
100W or Less	\$20.00	Fixture		
101W – 200W	\$35.00	Fixture		
201W – 350W	\$40.00	Fixture		
Cold Cathode				
Cold Cathode	\$3.00	Lamp		
Exit Signs				
LED, T-1, or Electroluminescent	\$22.00	Signs		
Controls			Connected Watts Controlled	
Occupancy Sensors	\$0.10	Connected Watts Controlled		
T8/T5 New Fluorescent Fixtures with Electronic Ballast (i.e., Highbay Fixtures) (Pre-Approval Application Is Required)			Incentive per Watt Reduced	
Total Existing Fixture Watts less Total New Fixture Watts	\$0.40	Connected Watt Reduction		
Total Existing Fixture Watts less Total New Fixture Watts	\$0.40	Connected Watt Reduction		
Total Existing Fixture Watts less Total New Fixture Watts	\$0.40	Connected Watt Reduction		
Total*				

* Incentive cannot exceed 100 percent of the incremental measure cost and 50 percent of total project cost.

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 CFLs, 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) $\leq 20\%$.

Permanent Lamp Removal

Incentives are paid for the permanent removal of existing fluorescent lamps. Customers 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 ComEd 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)¹ and is summarized below. A list of qualified lamps and ballasts can be found at: <http://www.cee1.org/com/com-lt/com-lt-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.

Performance Characteristics for Systems					
Mean System Efficiency	≥ 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	$\geq 24,000$ Hours				
Lumen Maintenance or Minimum Mean Lumens	$\geq 90\%$ or ≥ 2900 Mean Lumens				
Performance Characteristics for Ballasts					
Ballast Efficacy Factor (BEF) BEF=(BFx100)/Ballast Input Watts	Instant Start Ballast (BEF)				
	Lamps	Low BF ≤ 0.85	Norm $0.85 < BF \leq 1.0$	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	$\leq 20\%$				

¹This website contains a list of eligible component fixtures.

Reduced Wattage 4-foot T8

Incentives are available for replacing T12 or T8 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)². Qualified lamps and ballast products can be found at <http://www.cee1.org/com/com-lt/com-lt-main.php>³. Both the lamp and ballast must qualify in order to receive an incentive for the system. The mean system efficacy must be ≥ 90 MLPW, CRI ≥ 80 , and lumen maintenance at 94%. A manufacturer's specification sheet must accompany the application.

Incentives are also available for 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)³. Qualified product can be found at <http://www.cee1.org/com/com-lt/com-lt-main.php>³. The nominal wattage must be 28W (≥ 2585 Lumens) or 25W (≥ 2400 Lumens) to qualify.

Reduced Wattage 8-foot T8

This measure is for the replacement of existing T12 lamps and magnetic ballasts with reduced wattage 8-foot T8s lamps and electronic ballasts. Lamps must have a minimum MLPW of 90 and must have a nominal wattage of less than 57W. A manufacturer's specification sheet must accompany the application.

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

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. This measure is subject to possible pre-inspection. Retrofit kits may be used on existing Mercury Vapor, Standard Metal Halide or High Pressure Sodium Fixtures only.

Cold 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.

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 or ETL listed, have a minimum lifetime of 10 years, and have an input wattage ≤ 5 Watts or be ENERGY STAR[®] qualified.

Controls

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.

New T8/T5 Highbay Fluorescent Fixtures with electronic ballast (Example—Highbay Fixtures)

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 discharge (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. This incentive can be used in highbay and lowbay fluorescent applications.

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 ComEd to conduct a pre-retrofit inspection. Specifications of the new fixtures must accompany the final application. Incentives are only available for new fixtures.

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

^{2,3} This website contains a list of eligible lamps.

HVAC INCENTIVE WORKSHEET

Equipment Type	Size Category	Qualifying Efficiency	Incentive (per ton)
Unitary and Split Air Conditioning Systems and Air Source Heat Pumps	< 65,000 Btuh (5.4 tons)	14 SEER	\$15.00
		15 SEER	\$30.00
	≥ 65,000 Btuh and < 240,000 Btuh (5.5-20 tons)	11.5 EER/11.9 IPLV	\$15.00
		12 EER/12.4 IPLV	\$30.00
	≥ 240,000 Btuh and < 760,000 Btuh (21-63 tons)	10.5 EER/10.9 IPLV	\$15.00
		10.8 EER/12.0 IPLV	\$30.00
	≥ 760,000 Btuh (>63 tons)	9.7 EER/11.0 IPLV	\$15.00
		10.2 EER/11.0 IPLV	\$30.00
Water-Cooled Chillers	ALL	Level 1 (see specifications)	\$20.00
		Level 2 (see specifications)	\$40.00
Air-Cooled Chillers	ALL	1.04 kW/ton-IPLV	\$30.00
Room Air Conditioners	ALL	Level 1 (see specifications)	\$30.00
		Level 2 (see specifications)	\$50.00
PTAC/PTHP	ALL	13.08-(0.2556 x Btuh/1000) EER	\$30.00

Equipment Type	Make and Model	Unit Efficiency*	(A) Unit Size (tons)	(B) Quantity	(C) Incentive per ton	(A*B*C*) Incentive
Total						

Variable Speed Drive on HVAC Motors

\$50 per Horsepower

VSD Application Description	(A) VSD Size (HP)	(B) Quantity	(C) Incentive per HP	(A*B*C*) Incentive
			\$50	
			\$50	
			\$50	
			\$50	
			\$50	
			\$50	
Total**				

* Unit efficiency for chillers should be provided in kW per ton – IPLV. Unit efficiency for AC units less than 65,000 Btuh should be provided in SEER. Unit efficiency for all other equipment should be provided in EER. IPLV= Integrated Part Load Value

** Incentive cannot exceed 100 percent of the incremental measure cost and 50 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 Cooling 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.cee1.org).⁴ 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's 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 Consortium for Energy Efficiency. 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 Consortium for Energy Efficiency (CEE) high efficiency room air conditioning specifications (www.cee1.org).⁵ 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 2000 ENERGY STAR® (EER)	Level 2 SEHA Tier 1 (EER)
< 8,000	10.7	11.2
8,000 – 13,999	10.8	11.3
14,000 – 19,999	10.7	11.2
>= 20,000	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, or HVAC pumps are eligible for this incentive. New chillers with integrated VSDs are eligible under the chiller incentive. 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.

⁴ This website contains a list of eligible systems.

⁵ This website contains a list of eligible units.

REFRIGERATION INCENTIVE WORKSHEET

Refrigeration Measures				
Measure	Incentive Unit	Quantity	Incentive/Unit	Incentive
Strip Curtains on Walk-Ins	Per Square Foot		\$4.00	
Anti-Sweat Heater Control	Per Linear Foot		\$30.00	
EC Motor for Walk-in	Per Motor		\$50.00	
EC Motor for Reach-in	Per Motor		\$35.00	
Evaporator Fan Control	Per Motor		\$60.00	
Automatic Door Closers for Walk-in Freezers	Per Door		\$160.00	
Beverage Machine Control	Per Unit		\$100.00	
ENERGY STAR Vending Machine	Per Unit		\$100.00	
Snack Machine Control	Per Unit		\$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			\$100.00	
201-300	7.7			\$150.00	
301-400	6.5			\$200.00	
401-500	5.5			\$200.00	
501-1000	5.2			\$300.00	
1001-1500	5.0			\$400.00	
>1500	4.6			\$400.00	
Total*					

* Incentive cannot exceed 100 percent of the incremental measure cost and 50 percent of total project cost.

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 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.

Evaporator 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 2.⁶ A manufacturer's specification sheet must accompany the application that shows rating in accordance to ARI standard 810.

⁶ The websites have a list of qualifying model numbers, www.energystar.gov or www.cee1.org.

TERMS AND CONDITIONS

Commonwealth Edison Company (ComEd) is offering Prescriptive incentives under the ComEd Smart Ideas for Your Business Program to facilitate the implementation of cost-effective energy-efficiency improvements for non-residential (commercial and industrial) customers.

Funds are available on a first-come, first-served basis.

Program Effective Dates

Smart Ideas for Your Business energy efficiency incentives are offered on a **first-come, first-served** basis until approved funds are exhausted or May 31 of each program year, whichever comes first. The effective dates of the Smart Ideas for Your Business Program and application submittal requirements are as follows:

- 2008/09 Smart Ideas for Your Business Program incentives are available for eligible energy efficiency projects commencing after June 1, 2008, and before May 31, 2009 (the program year).
- Any energy efficient equipment or services purchased, contracted for, or work conducted prior to June 1, 2008, is not eligible for an incentive.
- All 2008-09 Smart Ideas for Your Business projects must be completed and Final Applications received no later than May 31, 2009.
- Subsequent program year budgets and plans will be made available toward the end of the existing program year. At the current time, ComEd has a commitment to provide this program through the 2010/2011-program year.

Program and Project Eligibility

The Smart Ideas for Your Business Program offers custom incentives for those eligible improvements not included under the Smart Ideas for Your Business Prescriptive measures. Custom incentives are available under the Smart Ideas for Your Business Program to non-residential customers within ComEd's service territory. These incentives are available to all customers who receive their electricity over ComEd wires regardless of which retail electric supplier the customer has chosen to purchase power from.

Public buildings such as government, municipal and public schools should refer to the Illinois Department of Commerce and Economic Opportunity (DCEO) Program (www.illinoisenergy.org). Energy efficient equipment or services purchased, contracted for or work conducted prior to June 1, 2008, is not eligible for an incentive.

The energy savings from installed measures must occur on a meter with an eligible rate schedule. Most non-residential rate schedules are eligible. See Table 1 for a list of eligible rates.

**Table 1
Eligible Rates**

B81 — Commercial Fixture Included Lighting	B93 — Com Blended — 0 to 100 kW w/ Space Heat
B83 — Commercial Dusk to Dawn Lighting — unmetered	B94 — Com Blended — 100 kW to 400 kW w/ Space Heat
B85 — Commercial General Lighting — unmetered	B95 — Com Blended — 400 kW to 1000 kW w/ Space Heat
R81 — Retail Delivery Service — Com Fixture Include	H73 — Commercial Hourly — 0 to 100 kW
R83 — Retail Delivery Service — Com DD — unmetered	H74 — Commercial Hourly — 100 kW to 400 kW
R85 — Retail Delivery Service — Com Light unmetered	H75 — Commercial Hourly — 400 kW to 1000 kW
600 — Com Gen Service Non-TOU	H76 — Commercial Hourly — 1000 kW to 10MW
6W0 — Com Gen Service In Lieu of Demand	H77 — Commercial Hourly — greater than 10MW
A74 — Commercial Annual — 100 kW to 400 kW	H78 — Commercial Hourly — High Voltage
A75 — Commercial Annual — 400 kW to 1000 kW	R02 — Retail Customer Delivery Service 0-25kW
A76 — Commercial Annual — 1000 kW to 10 MW	R71 — Retail Delivery Service — Res Multiple
A77 — Commercial Annual — greater than 10 MW	R72 — Retail Delivery Service — Watt-hour
A78 — Commercial Annual — High Voltage	R73 — Retail Delivery Service — 0 to 100 kW
B72 — Commercial Blended — Watt-hour	R74 — Retail Delivery Service —100 kW to 400 kW
B73 — Commercial Blended — 0 to 100 kW	R75 — Retail Delivery Service —400 kW to 1000 kW
B74 — Commercial Blended — 100 kW to 400 kW	R76 — Retail Delivery Service — 1000 kW to 10MW
B75 — Commercial Blended — 400 kW to 1000 kW	R77 — Retail Delivery Service — greater than 10MW
B78 — Commercial Blended — High Voltage	R78 — Retail Delivery Service — High Voltage
B82 — Commercial Dusk to Dawn Lighting — metered	R79 — Retail Delivery Service — Railroad
B84 — Commercial General Lighting — metered	R82 — Retail Delivery Service — Com DD — metered
B92 — Com Blended — Watt-hour with Space Heat	R84 — Retail Delivery Service — Com Light — metered

Incentive Payment Limits

The total incentive paid cannot exceed 100 percent of the incremental measure cost* and 50 percent of the project cost. Contractor labor costs can be considered in project cost. Internal customer labor costs should not be included in project costs.

There is a limit of \$100,000 in incentives per facility per program year (June 1, 2008 to May 31, 2009). A facility is defined as contiguous property for which a single customer is responsible for paying the ComEd electricity bill. Customers with multiple facilities may receive up to \$100,000 per year, per facility including all prescriptive, custom and retrocommissioning incentives.

Pre-approval Application

All applicants are *strongly encouraged* to submit a Pre-approval Application to reserve funding for prescriptive projects. A Pre-Approval application must be submitted at least fourteen days prior to project installation. The pre-approval process assures that the calculations and methodology used to estimate the energy impacts meet the program requirements. Incentives will be based on the actual energy savings achieved as determined in the final application and the pre-approval process is not a guarantee of an incentive. The incentives for certain measures may be disallowed or reduced if a Pre-approval Application is not submitted and ComEd is unable to determine measure eligibility due to an inability to document qualifying pre-retrofit equipment. A Pre-approval Application and pre-inspection are *required* to receive an incentive for the Permanent Lamp Removal and the Linear Fluorescent T8 or T5 New Fixture measures.

ComEd will review the Pre-approval Application for completeness of customer information. Funds will be reserved for 90 days, unless an applicant requests, and is granted, an extension. A letter acknowledging reservation of funds and the reservation expiration date will be sent to the applicant. The program team reserves the right to contact the customer after 30 days to ensure the project is moving forward and may cancel the commitment based on the customer's response. Funds that have been reserved are not transferable to other projects, facilities, and/or customers. A waiting list may be established if funds become fully subscribed.

Final Application

The Final Application must be submitted within 60 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. Additional document requirements to support the energy saving calculation are provided later in this document.

The location or business name on the invoice must be consistent with the application information. Final Applications and all required supporting documentation should be received by May 31, 2009, to be applicable for the 2008-09 program year.

The incentive amount cannot exceed 100 percent of the incremental measure cost and 50 percent of the project cost. The project invoice should provide sufficient detail to separate the project cost from the cost of other services such as repairs and building code compliance.

ComEd reserves the right to request additional supporting documentation as deemed necessary to ensure measure eligibility and verify that the expected energy savings will occur. All customer information will be held in confidence. Requested information could include: equipment purchase dates, installation dates, proof that the equipment is operational, manufacturer specifications, warranty information, and proof of customer co-payment.

Application Submittal Process

Verify that your project is eligible and meets the project requirements as set forth in the Application.**

1. Customer submits a Pre-approval Application to ComEd. For some measures, a Pre-approval Application is required. A separate application is required for each facility per project.***
2. ComEd will conduct an initial review of the application for program eligibility, for estimated energy savings and, in some cases, may conduct a pre-retrofit inspection of the facility. ComEd will reserve incentive funds for 90 days and will notify the applicant by mail that funds have been reserved.
3. Customer, or their Contractor, installs the qualifying equipment according to the specifications, terms, and conditions as set forth in this application and the ComEd Smart Ideas for Your Business Policy and Procedures Manual (see www.ComEd.com for the most recent version of the Policy and Procedures Manual).
4. Customer submits the Final Application with all required documentation within 60 days of project completion. Note: a copy of the Pre-approval Application can be used by checking the box that says "Final Application" at the top of the form and noting any changes in what was actually installed.
5. ComEd will review the project documentation and may conduct a post-retrofit inspection of the facility where the measures were installed. ComEd will make the final determination of the annual energy savings and the incentive amount. Incentive check will be sent out within 4 to 6 weeks after the approval of the Final Application.

Application Review Process

Pre-approval Applications are not a guarantee of program acceptance. ComEd will review final applications for eligibility and completeness. Completed applications will be reviewed in the order received. Funds are reserved for the project until ComEd receives a complete application and determines that the project meets the program eligibility requirements as set forth here in the application and in the Policy and Procedures Manual. Applicants who submit incomplete applications will be notified of deficiencies upon review of the application, and could lose their place in line in the review process until all requested information is received. Applicants are encouraged to call the program hotline if they have any questions about documentation requirements.

Inspections

ComEd reserves the right to inspect all projects to verify compliance with the program rules and verify the accuracy of project documentation. This may include pre-installation and/or post-installation inspections, detailed lighting layout descriptions, metering, data collection, interviews, and utility bill data analyses. The customer must allow access to purchase documents and the facility where the measures were installed for a period of 3 years after receipt of incentive payment by ComEd.

Tax Liability

Incentives are taxable and, if greater than \$600, will be reported to the IRS unless the customer is exempt. ComEd is not responsible for any taxes that may be imposed on your business as a result of your receipt of this incentive.

Disclaimer

ComEd does not guarantee the energy savings and does not make any warranties associated with the measures eligible for incentives under this program. ComEd has no obligations regarding and does not endorse or guarantee any claims, promises, work, or equipment made, performed, or furnished by any contractors or equipment vendors that sell or install any energy efficiency measures.

* The definition of incremental measure cost depends on whether the measure being installed is considered to be a replacement or a retrofit. For replacement measures, the incremental measure cost is defined as the cost to purchase and install the energy efficient equipment minus the cost to purchase and install similar equipment that would meet federal and local energy standards but not qualify for an incentive under this program. For retrofit measures, the incremental measure cost is simply the cost to purchase and install the qualifying measures.

** If a project includes both custom and prescriptive measures, applicant may apply for all measures under the custom program, if desired.

*** If there are multiple facilities, such as a chain stores, please contact ComEd for assistance in filling out the multiple applications.