

COMPREHENSIVE ENERGY SAVINGS WORKSHEET

January 1, 2019 through December 31, 2019

The ComEd Energy Efficiency Program offers multiple project options that will allow you to optimize your facility's performance and achieve significant energy savings. The comprehensive energy savings offer rewards you with a 20 percent bonus incentive for completing three or more eligible energy efficiency projects within two years. Here's what you'll need to get started:

- A list of comprehensive energy savings eligible measure selections, as shown on pages 2 through 6
- Standard incentives pre-approval and final application forms
- Incentive worksheets for chosen eligible measures

How to Participate

- Select three or more project options in this worksheet. All measures applied for must qualify for standard or custom measure requirements.
- Apply for pre-approval (details below).
- Complete your projects within two years.
- Receive standard incentives after each completed project.
- Earn an extra 20 percent bonus incentive based on the total incentives paid for the three projects.

Details

The following requirements apply in order to qualify for comprehensive energy savings:

1. **Eligible measures and energy saving opportunities will be determined by ComEd.** The intent of comprehensive energy savings is to improve your entire suite, floor or facility; the ComEd account number must be the same for all projects. Proposed projects that do not meet this criteria may not be eligible to receive comprehensive bonus incentives.
2. **A pre-approval application is required; review instructions on the standard and custom incentives pre-approval and final application form.** Submit a pre-approval application, a comprehensive energy savings worksheet and all applicable incentive worksheets for selected measures. Wait for pre-approval before starting your project.
3. The comprehensive energy savings project funds are reserved for two years, giving you time to complete all selected measures.
4. Comprehensive energy savings projects may be completed in phases or all at once. You may submit a final application for each completed, installed measure and receive your standard incentive payment for that project. You can use those funds towards your next selected project.
5. **The additional comprehensive energy savings incentives are paid after all selected measures are installed.** For example, once you receive final standard incentive payments for three selected options, you will receive an additional incentive payment. It is calculated by multiplying the final incentive payments for the three selected options by 20 percent.

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Directions: Please save a copy of this form to your computer by selecting "File/Save As" before entering text and numbers. Then fill in your information electronically and select "Save." Note that this form requires Adobe Reader® version 11.0 to function properly. Download the most recent version of Adobe Acrobat Reader DC® at <http://get.adobe.com/reader>.

Specifications

1. A pre-approval application is required for all selected strategy measures; review instructions on the standard and custom incentives pre-approval and final application form. Wait for pre-approval before starting your project.
2. In addition to the specifications listed below, projects are required to follow measure-level specifications as noted on each applicable incentive worksheet. Additional measure requirements may apply.
3. Choose any combination of three options from the list below. Cannot choose more than two options from a single section.

Lighting

Lighting System

(this option requires the following)

- Must be qualified indoor or outdoor LED fixtures or retrofits
- Must replace a minimum of 50% of either indoor or outdoor fixtures

Lighting Controls

- Minimum of 50% of indoor or outdoor lighting wattage controlled

Networked Lighting System

- Must be qualified indoor or outdoor networked lighting system
- May use option 1 or option 2 from networked lighting measure
- Cannot be combined with Lighting System or Controls options

Lighting Subtotal (use Total Incentive Requested from Lighting or Networked Lighting incentive worksheet)

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HVAC

Energy Management System (EMS)

Advanced Rooftop Unit Controls

Guest Room Energy Management (GREM)

- GREM must be installed in all guest rooms

Demand Controlled Ventilation

Chiller / Rooftop Unit / Geothermal

Energy Recovery Ventilation

- Installation of an enthalpy wheel or enthalpy plate

Adsorbent Air Cleaning

- Installation of modular adsorbent air cleaning devices into force air HVAC systems

Variable Speed Drive (VSD)

VSDs must be installed on primary fans or pumps associated with one of the systems listed below.

- Central plant pumps
- Central air handlers or RTU fans
- Cooling Tower pumps/fans

HVAC Subtotal (use Total Incentive Requested from HVAC incentive worksheet)

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Compressed Air

**New Compressor with Integrated VSD, or
Retrofit VSD on Existing Compressor**

Refrigerated dryers

Compressed Air Subtotal
(use Total Incentive Requested from Compressed Air incentive worksheet)

Refrigeration

New Display Case (new construction)

New installed cases must include LED lighting, electronically commutated motors (ECMs) and eligible controls

Anti-Sweat Heater Controls for closed cases

Retrofit Display Case

- Retrofit cases must include LEDs, ECMs and eligible controls
- Open cases must be fitted with night covers
- Closed cases must be fitted with upgraded doors

Walk-in Coolers or Freezers

- Must be equipped with LEDs, EC motors and eligible controls

Remote Cooling Improvements

- Must include floating head pressure controls

Refrigeration Subtotal
(use Total Incentive Requested from Refrigeration incentive worksheet)

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Custom

New custom project

Custom Subtotal

(use Total Incentive Requested from Custom incentive worksheet)

Industrial

Multiple projects count as a single option

- Barrel Wraps for Injection Molders and Extruders
- Insulated Pellet Dryer Duct
- Conversion of DC drives in Plastic Extruders to AC drives
- Fiber Laser Cutting Machines
- All Electric Injection Molding Machine
- Hybrid Injection Molding Machine

Industrial Subtotal

(use Total Incentive Requested from Industrial incentive worksheet)

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Other Energy Efficient Equipment

Multiple projects count as a single option

- Air-side economizer
- Chiller water reset controls (if not selected as an EMS control strategy)
- Commercial kitchen equipment
- Lab filters
- Fume hood measures
- Lab air changes per hour (ACH) optimization

Other Equipment Subtotal (use Total Incentive Requested from applicable incentive worksheet)

STANDARD TOTAL INCENTIVE	COMPREHENSIVE ENERGY SAVINGS ADDITIONAL 20% INCENTIVE

GRAND TOTAL INCENTIVE REQUESTED

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Project Timeline

Provide applicable project information

Project 1:	Estimated completion date:	Estimated project cost:
Project 2:	Estimated completion date:	Estimated project cost:
Project 3:	Estimated completion date:	Estimated project cost:
Project 4:	Estimated completion date:	Estimated project cost:
Project 5:	Estimated completion date:	Estimated project cost:

Contractor Contacts

Provide applicable contractor contact information

Lighting

Lighting company name:	Contact name:		
Mailing address:	City:	State:	Zip code:
Telephone:	Email:		

HVAC

HVAC company name:	Contact name:		
Mailing address:	City:	State:	Zip code:
Telephone:	Email:		



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Refrigeration

Refrigeration company name:	Contact name:		
Mailing address:	City:	State:	Zip code:
Telephone:	Email:		

Compressed Air

Compressed Air company name:	Contact name:		
Mailing address:	City:	State:	Zip code:
Telephone:	Email:		

Other

Other company name:	Contact name:		
Mailing address:	City:	State:	Zip code:
Telephone:	Email:		

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Submit the following

- Pre-approval application**
- Comprehensive energy savings worksheet**
- Incentive worksheets**

Customer Signature (Required)

I certify that the information provided in this application is true and correct. I have read and understand the program requirements and terms and conditions set forth in this application and agree to abide by these requirements. I verify by my signature hereto that I have authority to submit this application.

ComEd customer (Customer) authorized signature:	Print name:	Date:

Title and/or relationship to company:

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