

COMBINED HEAT AND POWER INCENTIVES WORKSHEET

January 1, 2019 through December 31, 2019

DIRECTIONS: Please save a copy of this form to your computer by selecting "FILE/SAVE AS" before entering text and numbers. Then fill in our 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>.

A pre-approval application is required; review instructions on the combined heat and power (CHP) incentives pre-approval and final application form. Wait for pre-approval before starting your project.

USE THIS WORKSHEET TO APPLY FOR COMBINED HEAT AND POWER INCENTIVES

Your incentive is based on actual kWh saved, as verified by the ComEd® Energy Efficiency Program team after the final application is submitted.

- 1** SUBMIT PRE-APPROVAL APPLICATION WITH REQUESTED DOCUMENTATION
- 2** RECEIVE APPROVAL AND RESERVATION LETTER
- 3** PURCHASE AND INSTALL NEW OR REFURBISHED EQUIPMENT
- 4** MEASURE ENERGY PRODUCTION OF NEWLY INSTALLED OR REFURBISHED CHP SYSTEM FOR 12 MONTHS
- 5** SUBMIT FINAL APPLICATION AND SUPPORTING DOCUMENTATION FOR INCENTIVE

Combined Heat and Power Incentives - General Overview

ComEd provides the CHP incentive according to the following terms:

1. CHP feasibility study and projects must be pre-approved
 - Incentives are available to facilities with a peak demand of ≥ 500 kW
 - Feasibility study incentive up to \$10,000 for CHP projects < 400 kW
 - Feasibility study incentive up to \$25,000 for CHP projects ≥ 400 kW
2. CHP feasibility studies must be used to study one of the following:
 - The viability of a new topping or bottoming cycle CHP installation
 - The rehabilitation of an existing system that has been idle/not operational for at least 3 years
 - Installing heat recovery equipment on an existing engine or combustion turbine system
 - An existing engine or combustion turbine system that is not presently outfitted with heat recovery capability that can be converted to a CHP system
 - Newly designed and constructed, or the rehabilitation of an existing system that has been idle/not operational for at least three years, conventional or topping cycle CHP systems must have annual fuel use efficiencies of at least 60 percent Higher Heating Value (HHV) with at least 20 percent of the system's total useful energy output in the form of useful thermal energy. These systems will have a net zero annual export of power to the grid. All conventional CHP systems must have heat recovery capability.
3. A production incentive of \$0.07 per kWh is available for qualifying customers
 - Prepayment of \$60 / kW available upon
 - Receipt of commissioning documents which confirm construction completion, capacity and efficiencies of the project
 - At least one month of successful operation
 - Remaining incentive funds will be distributed upon the completion of 12 months of operation with associated M&V.

Facility Name:

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Was this project identified in a ComEd Energy Efficiency Program facility assessment or study? Yes No
Study completion date: _____

Project Scope:

If there is any change in the project scope or timeline, contact the ComEd Energy Efficiency Program team immediately. You will be asked to describe the scope change in writing. The program team may issue you a revised reservation letter.

Baseline or Existing System Summary

Please provide an overview of the current equipment.

Is the equipment in question past its useful life? Yes No

If yes, please provide an estimate of the material and labor cost for typical and standard practice replacement equipment.

Proposed New CHP System

Provide a detailed description of the proposed system. Include the following information: proposed system description, existing equipment affected, operating efficiencies, material costs, labor costs and expected useful life. Attach additional sheets as required. A meeting may be requested between the customer, the contractor and the ComEd Energy Efficiency Program team to better understand the project scope.

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Calculation Methodology

Describe the method used to calculate energy production (including spreadsheets and applicable data sheets that support methodology.) Attach additional sheets as required.

CHP Incentive Calculation

Total project cost (internal labor costs are not to be included):

Energy conservation measure life (yrs):

Annual energy produced (in kWh):

Estimated annual energy savings (in dollars):

Simple payback period (Allowable range is 1 to 7 years):

REQUESTED INCENTIVE @ \$0.07 per kWh PRODUCED ANNUALLY: \$

Estimated demand reduction (kW):

Estimated system efficiency based on Higher Heating Value:

Equipment annual operating hours:

Your gas company may offer an additional incentive for your project.

Visit NicorGasRebates.com, PeoplesGasDelivery.com or NorthShoreGasDelivery.com for more information.

Project must meet all program terms and conditions. The CHP total incentive paid cannot exceed 100 percent of the incremental measure cost or 100 percent of the total project cost.