Valid through December 31, 2025

comed℠ AN EXELON COMPANY | Energy Efficiency

Overview

High Performance Design Incentive

ComEd will help you achieve green building certification and incorporate high-performance energy efficiency measures!

The Basics

- **Design incentive** offered to energy consultants on qualifying, high-performance new construction projects enrolled in performance pathway.
- **Offsets the cost** of certification and energy analysis.
- **Provides access to energy efficiency experts**, free tools, and other resources.
- **Offer financial incentives** for building owners or developers for beyond-code systems and equipment.

Apply Now!

For more information, visit **ComEd.com/NewConstruction** or call **855-433-2700**.

Incentive Summary

REQUIREMENTS	DESIGN INCENTIVE[1]
Achieve a green rating system certification (defined on next page)	$5,000
Meet the Electric Building Requirement	$10,000
Model energy performance and submit documents	$5,000 + 5% of owner incentive

Work with us early in the design process

Apply → **Model** Building Energy Performance → **Submit** Final Model, Design Documents, and Certification Details → **Sign** Incentive Reservation → **Verify** Installation and Certification Results → **Receive Incentive Payment!**

1 Awarded as a one-time design incentive payment at construction completion or complete documentation of green rating certification, whichever is later. The High Performance Design Incentive is available to the firm or design team representative performing the energy simulation services and cannot be combined with other design incentive offers. Separate owner incentives are available. All requirements and steps must be completed to receive incentive.

Requirements & Incentives

High Performance Design Incentive

Apply Now!

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Customer projects must apply in the planning phase or early schematic design phase. Projects must be 20,000 gross square feet or larger.

Achieve Certification: $5,000

To receive an incentive, the design team representative must document achievement of one of the following high-performance design options. Projects must meet the requirements of the pursued green rating system as well as exceed the requirements of 2021 International Energy Conservation Code®.

- **LEED v4.1 (BD+C)** including a minimum 20% Performance Cost Index savings over ASHRAE 90.1-2016
- **LEED v4 (BD+C)** including a minimum 40% energy cost savings over ASHRAE 90.1-2010 Appendix G
- **Green Globes** including a minimum 20% Performance Cost Index savings over ASHRAE 90.1-2016
- **Passive House Institute US (PHIUS+ 2018)**
- **Living Buildings Challenge 4.0 Certification or Energy Petal Certification**
- **Net Zero Energy (Ready)** according to the DOE/EE-1247 definition
- **Target aggressive real-world EUI** (energy use intensity) and substantiate with measured data or an as-built energy model. Incorporate requirements into Owner's Project Requirements or Contracts
  - **Schools, office, or multi-family:** 30 EUI (kBtu/gsf-yr site energy use intensity)
  - **Or**, work with a program engineer to set aggressive EUI targets for other building types

Electric Building: $10,000

To receive an incentive, Projects should meet the program's Electric Building requirements:

Option 1 - All Electric:

- Project shall use electrically-operated heat pumps for primary heating systems, ventilation systems, and service hot water systems. Heat pumps include air-source heat pumps, variable refrigerant flow (VRF) heat pumps, or ground-source heat pumps. Electric resistance heat may be used for supplemental and auxiliary heating systems, but may not exceed 20% of the total installed equipment heating capacity.
- Residential ranges or cooktops shall be induction type. Residential clothes dryers shall be heat pump type.
- Commercial kitchen equipment shall use electricity for all heat sources.
- No fossil fuel combustion is allowed on site. Exceptions are:
  1. Emergency power generation systems.
  2. Industrial process equipment.
  3. Other exceptions approved by ComEd.

Requirements & Incentives continued

- Buildings shall be built "solar ready", including structural and electrical infrastructure to install photovoltaic solar panels and space allocated for DC-AC inverter equipment. Infrastructure shall be sized for either:
  1. Zero energy building performance, according to U.S. Department of Energy Definition (DOE/EE-1247).
  2. Use of all available roof space for photovoltaic generation.

Option 2 - Electric Ready:

- Project shall use electrically-operated heat pumps for primary heating systems. Heat pumps include air-source heat pumps, variable refrigerant flow (VRF) heat pumps, or ground-source heat pumps. Electric resistance or fossil fuel heat may be used for supplemental and auxiliary heating systems, but may not exceed 20% of the total installed equipment heating capacity. Fossil fuel combustion is permitted for certain end uses. Designers must demonstrate that infrastructure is in place to convert fossil fuel systems to heat pump type systems in the future. Infrastructure may include adequate indoor space, outdoor space, structural support, electrical service and distribution capacity, hydronic piping sizes, air ducts sizes, or other systems. Fossil fuel combustion is permitted for:
  1. Centralized service hot water systems, such as service hot water systems serving multiple dwelling units.
  2. Ventilation systems including dedicated outside air units, make-up-air units, or other ventilation systems exceeding 50% outside air.
  3. Unit heaters serving semi-conditioned spaces such as parking garages or vehicle maintenance bays.
  4. Commercial kitchen equipment.
  5. Other exceptions approved by ComEd.
- No fossil fuel combustion is permitted within residential units. Residential ranges or cooktops shall be induction type. Residential clothes dryers shall be heat pump type. In-unit service water heaters shall be heat pump type.
- Fossil fuel combustion is permitted for emergency power generation systems and industrial process equipment.
- Buildings shall be built "solar ready", including structural and electrical infrastructure to install photovoltaic solar panels and space allocated for DC-AC inverter equipment. Infrastructure shall be sized for either:
  1. Zero energy building performance, according to U.S. Department of Energy Definition (DOE/EE-1247).
  2. Use of all available roof space for photovoltaic generation.

Energy Modeling and Documentation: $5,000 + 5% of Owner Incentive

To receive the incentive, the design team representative must, at a minimum:

- **Complete energy modeling at all major milestones** including schematic design, design completion, and as-built condition. Use the free web-based modeling tool provided by the ComEd technical assistance representative or, where applicable, adapt other energy models to meet ComEd Energy Efficiency Program modeling requirements.
- **Meet with ComEd technical assistance staff** to verify model accuracy and calculate incentives.
- **Discuss ComEd incentives** with the owner or developer and other project team members.
- **Submit all project documents to ComEd** including energy model files, drawings, specifications, approved submittals, certification forms, and other documents requested by ComEd. Provide login access to online certification portal, where applicable, for purposes of viewing documents and certification status.
- **Respond to questions and correspondence in a timely manner.**