

ComEd
Energy Efficiency Program

OVERVIEW

ELECTRIC HOMES NEW CONSTRUCTION

Make the jump to high-quality, next-generation, electric homes. Reduce energy bills while providing superior comfort. Prepare for a clean, resilient energy future. No gas connection required.

Builders of new construction single-family homes, duplexes, townhomes and 2-4 flats are eligible to receive \$2,000 per home¹ in financial incentives for achieving best practice energy efficiency.

HERE'S HOW:

- 1 **PRE-APPLY** to confirm project eligibility. [See Application](#)
- 2 **BUILD** to meet the program's energy efficiency requirements including envelope, all-electric HVAC, heat pump water heating, lighting and appliances.
- 3 **LEARN** about additional clean energy strategies— solar power, electric vehicle charging, smart homes and induction cooking.
- 4 **VERIFY** construction quality using a qualified home energy rater. Rater will submit a simple program workbook for the home to confirm achievement.
- 5 **RECEIVE \$2,000** incentive per home!



**PRE-
APPLY**

For more information, visit
ComEd.com/ElectricHomes
call 855-433-2700,
or email
BusinessEE@ComEd.com

¹ Limited to \$10,000 per builder in 2021. Based on availability of funds. Pre-apply and consult a program representative for more information.

Terms and conditions apply. Offers are subject to change.

Actual savings will vary by customer's energy usage and rate.

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The ComEd Energy Efficiency Program is funded in compliance with state law.

ComEd
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powering lives

REQUIREMENTS & INCENTIVES

ELECTRIC HOMES NEW CONSTRUCTION

Submit this completed form along with your application to BusinessEE@ComEd.com

ANTICIPATED 2021 ELECTRIC HOMES NEW CONSTRUCTION PARTICIPATION:

Number of qualifying single-family homes

Number of qualifying units in multi-unit buildings (duplex, townhomes, 2-4 flats)

Anticipated incentive

MINIMUM PROGRAM REQUIREMENTS²

All-electric space heating, water heating and clothes dryer

Air tightness ≤ 2.5 air changes per hour at 50 Pascals depressurization

Cold climate air-source heat pump space heating & cooling, ≥ 17.8 SEER, ≥ 11.0 HSPF or ground-source heat pump, ≥ 22 EER, ≥ 4.4 COP

Heat pump water heating, ≥ 3.45 UEF

All LED interior and exterior lighting

ENERGY STAR[®] certified refrigerators, dishwashers and clothes washers

Electric clothes dryer with moisture-sensing feature or heat pump dryer

ENERGY STAR certified smart thermostats, for compatible HVAC systems

Kitchen and bathroom faucets rated for ≤ 1.5 gallons per minute, and showerheads rated for ≤ 2.0 gallons per minute

Indoor air quality and comfort requirements:

- Compliance with current Illinois Energy Conservation Code prescriptive envelope and window requirements. Continuous exterior insulation or other thermally-broken construction techniques are recommended.
- Compliance with ASHRAE 62.2.
- Kitchen ventilation required to outdoors.
- Sealed sump basin and sealed plumbing rough-in (if applicable)
- Thermal isolation of slab-on-grade (if applicable)

**\$2,000
INCENTIVE
PER HOME**
(limits apply)

ADDITIONAL RECOMMENDATIONS

Induction range cooktop

Solar photovoltaic (PV) ready - ComEd.com/Solar

Electric vehicle ready - ComEd.com/EV

Battery storage ready

ComEd Hourly Pricing - ComEd.com/HourlyPricing

ComEd Peak Time Savings - ComEd.com/PTS
(not applicable to net metering customers)

THINK SOLAR! ComEd.com/Solar

² Homes achieving 30% energy reduction compared to current Illinois Energy Conservation Code by measures other than these requirements may also be eligible. To be eligible for this performance-based compliance approach, the following prerequisites must be met: air tightness must be ≤ 2.0 ACH@50Pa; installed heating capacity ≤ 35 Btu per square foot; and equipment sizing must be based on Air Conditioning Contractors of America Manual J 8th Edition load calculations or similar, where applicable. Participating homes must have all-electric space heating, water heating and clothes dryers. Please consult a program representative to confirm eligibility by calling 855-433-2700 or emailing BusinessEE@ComEd.com.

PRE-APPLICATION**ELECTRIC HOMES NEW CONSTRUCTION**Submit this completed form to BusinessEE@ComEd.com**PROJECT INFORMATION**Estimated construction
completion date:

Project Address:

PREFERRED PROJECT CONTACT:

Builder

Owner

Name:

Rater

Other

Company:

Architect

Email:

Phone:

Address:

BUILDER INFORMATION:Federal Employee
Identification Number
(FEIN):

Name:

Company:

Email:

Phone:

Address:

HOME ENERGY RATER INFORMATION:Federal Employee
Identification Number
(FEIN):

Name:

Company:

Email:

Phone:

Address:

HVAC INSTALLER:

Name:

Company:

Email:

Phone:

Address:

PRE-APPLICATION**ELECTRIC HOMES NEW CONSTRUCTION**Submit this completed form to BusinessEE@ComEd.com**ACKNOWLEDGEMENTS**

I acknowledge that pursuant to Section 16-128B of the Illinois Public Utilities Act, ComEd cannot issue incentives unless it is provided with evidence that the measure was installed by an Energy Efficiency Installer certified by the Illinois Commerce Commission (ICC).

I acknowledge that installers of any geothermal heat pump systems must be certified by an approved geothermal accreditation program.

MARKETING RELEASE

Yes No

ComEd may share project information and case studies of program participants to encourage and facilitate program participation by other customers. The program reserves the right to publish information about projects participating in the 2021 Electric Homes New Construction offering. The undersigned customer or company by its authorized representative ("Customer"), hereby gives Commonwealth Edison Company, its affiliates, successors and assigns, and those acting with its permissions, or their employees (collectively, "ComEd") the irrevocable right and permission to use, reuse and/or publish, and republish in any manner or media, format, or language and for any purpose, the general program details, results, and photographic and/or video pictures or images of the Customer arising from or related to Customer's participation in the ComEd Energy Efficiency Program. The Customer will not receive or claim any compensation and releases ComEd from any claims or liability arising from such use.

CUSTOMER SIGNATURE

I certify that the information provided in this pre-approval application is true and correct. I acknowledge that receipt of pre-approval for the project(s) described in this application in no way guarantee the project(s) will qualify for an incentive and that all requirements must be met as detailed in this application prior to payment of an incentive.

I acknowledge that pursuant to Section 16-128B of the Illinois Public Utilities Act, ComEd cannot issue incentives unless it is provided with evidence that the measure was installed by an Energy Efficiency Installer certified by the Illinois Commerce Commission (ICC).

I have read and understand the program requirements and terms and conditions set forth in this application.

ComEd Customer Signature: _____

Print Name _____

Date: _____

TERMS & CONDITIONS

ELECTRIC HOMES NEW CONSTRUCTION

ELIGIBLE PROJECTS

- Pre-application must be received by October 1, 2021.
- Equipment must be installed and operational prior to submittal of the rater workbook documenting achievement of program requirements.
- New construction single-family homes, duplexes, townhomes, 2-4 flats or accessory dwelling units.
- Projects must be three stories above grade or less.
- Major renovations are eligible only if all equipment indicated in the program requirements is new, for the entire residence. Building envelope requirements must be met. Pre-renovation diagnostic air testing must be conducted and both pre- and post-renovation air tightness shared with the program. Additions and partial renovations are not eligible.

INCENTIVE REQUIREMENTS

To receive an incentive, projects must comply with the requirements indicated on the Electric Homes New Construction Requirements & Incentives worksheet. Homes must have all-electric space heating, water heating and clothes drying; other fuel sources such as natural gas, oil or propane may not be used for these end-users. Projects must achieve a minimum of 30% energy reduction compared to the current Illinois Energy Conservation Code, following the Residential Energy Services Network (RESNET) energy savings calculation protocol.

Projects may achieve program requirements following either a prescriptive path or a performance path. To comply by the prescriptive path, projects must meet all Minimum Program Requirements enumerated on the Requirements & Incentives worksheet. Where multiple pieces of HVAC equipment are used, a capacity-weighted average efficiency may be used to demonstrate compliance with the HVAC equipment efficiency requirement. Air tightness testing must follow ANSI/RESNET 308-2019.

To comply by the performance path, homes must demonstrate 30% energy reduction compared to current Illinois Energy Conservation Code using the RESNET energy savings calculation protocol. To be eligible for the performance path, the following prerequisites must also be met:

- Air tightness performance of less than 2.0 air changers per hour at a pressurization of 50 Pascals.
- Installed heating capacity must be less than 35 Btu per gross square foot.
- Heating and cooling equipment must be sized based on load calculations from Air Conditioning Contractors of America Manual J 8th Edition.

All permanently installed equipment shall be subject to program requirements and energy savings calculations.

2021 PARTICIPATION LIMITS

- Incentives limited to \$10,000 per builder in 2021.
- Incentives are contingent upon fund availability. Pre-application does not guarantee fund availability.
- Projects receiving Electric Homes New Construction incentives may not receive additional incentives from other ComEd offerings.
- Projects that enroll in the program and begin construction in 2021 but do not complete installation of all program requirements by end of the calendar year are still eligible to receive 2021 incentives if they:
 - Meet program energy efficiency requirements.
 - Receive a construction progress review and CY2021 participation approval by the program by December 15, 2021.
 - Complete remaining program requirements by March 31, 2022.

PARTICIPATION PROCESS

Participating customers must submit the Pre-Application, including Requirements & Incentives worksheet, once annually. Program representatives will correspond with the preferred project contact periodically through the year to obtain updated forecasts of expected participated home completions.

Homes shall be rated following RESNET protocols and QA/QC procedures. Participating raters must annually submit documentation demonstrating RESNET accreditation and/or other program-approved accreditation.

After construction completion, the rater shall submit a Rater Workbook and REM/Rate model (or other program-approved software) documenting project compliance with program requirements. A Rater Workbook template will be obtained from a program representative and completed by the Rater. In addition to the submitted energy model, information required in the Workbook includes but is not limited to: confirmation of compliance with prescriptive requirements, air tightness testing results, equipment models and AHRI efficiencies, energy savings compared to the code baseline and the customer meter number(s).

Completed projects are subject to a verification review by program staff, including desk review of rater field notes and/or site verification. Raters may request program verifications to be executed in coordination and conjunction with a HERS QA/QC Provider. The program verification review will include site verification of all projects.

Builder and rater incentive payment information will be verified by program staff prior to incentive payment.

- Projects must engage the ComEd Energy Efficiency program during the design phase prior to HVAC and water heating equipment selection.
- Incentives must be paid to a business entity responsible for the overall construction of the project.

TERMS & CONDITIONS

ELECTRIC HOMES NEW CONSTRUCTION

HVAC INSTALLER REQUIREMENTS

Pursuant to Section 16-128B of the Illinois Public Utilities Act, ComEd cannot issue incentives unless it is provided with evidence that the measure was installed by an Energy Efficiency Installer certified by the Illinois Commerce Commission (ICC). For projects participating in Electric Homes New Construction the installer of heating, ventilation and air conditioning equipment must be a registered ICC Energy Efficiency Installer.

For projects with geothermal heat pumps, installers of the systems must be certified by an approved geothermal accreditation program.

TERMS AND CONDITIONS

Commonwealth Edison Company (ComEd) is offering Electric Homes New Construction incentives under the ComEd Energy Efficiency Program to assist customers in making energy efficiency home improvements.

PROGRAM EFFECTIVE DATES

Incentives are offered until approved funds are exhausted or December 31 of each program year, whichever comes first. The effective dates are January 1, 2021 – December 31, 2021.

PROGRAM ELIGIBILITY

Project requirements under the ComEd Energy Efficiency Program include the following:

- The project must be a ComEd residential delivery service customer to participate.
- Equipment must be installed conforming to all applicable building, local and state codes, and manufacturer specifications.
- Resale equipment, new parts installed in existing equipment, or equipment that is leased, rebuilt, rented, received from insurance claims, received from a warranty or won as a prize do not qualify.
- Any replaced equipment must be permanently removed and disposed of in accordance with local codes and ordinances. Resale of replaced equipment is expressly forbidden.
- Equipment must be installed in a property owned by the applicant, or the applicant must receive permission from the property owner to install the equipment. Submission of an application indicates that the tenant has obtained this permission.
- Additional incentive requirements apply as listed on the application.

INSPECTIONS

ComEd reserves the right to inspect all incentivized equipment to verify compliance with program rules and the accuracy of project documentation. This will include a post-installation inspection and a participant interview. Upon reasonable notice by ComEd, the customer must allow access to project documents and the installed equipment for a period of one year after receipt of incentive payment by ComEd.

RELEASE OF LIABILITY

ComEd, program administrators and implementers disclaim any and all liability, loss or damage and make no guarantees related to:

- Participation in the program, including use or installation of the equipment
- Loss or delay of incentive check in the mail
- Any taxes that may be imposed as a result of participation in the program

DISPUTES/GOVERNING LAW

This application shall be exclusively governed by and interpreted in accordance with the laws of the State of Illinois. Any litigation between the parties shall be prosecuted only in the state or federal courts located in Cook County, Illinois.

TOXIC MATERIALS

Neither ComEd, nor its consultants, Service Providers and/or subcontractors, shall have any responsibility for the discovery, presence, handling, removal, disposal of, or exposure to hazardous materials of any kind in connection with customer's home, including, without limitation, asbestos, asbestos products, PCBs or any other toxic substances.

TERMS & CONDITIONS

ELECTRIC HOMES NEW CONSTRUCTION

LIMITATIONS OF LIABILITY

The customer shall independently evaluate any advice or information offered by ComEd related to estimates of electricity savings or program costs and is solely responsible for the selection and implementation of Energy Conservation Measures (ECMs).

In no event will ComEd, its consultants, service providers and/or subcontractors, be liable for the customer's failure to achieve a specified amount of energy savings, or any incidental or consequential damages of any kind in connection with this agreement or the implementation of ECMs at the customer's home. In no event will ComEd be liable for incidental, indirect, special or consequential damages, arising out of the customer's participation in this program.

Each party hereby agrees to defend, indemnify and hold harmless the other party, its consultants, Service Providers and subcontractors, and their respective officers, employees, agents, assigns, and successors-in-interest ("Indemnified Parties") from and against any third-party claims, damages, losses, liability, costs (including attorney's fees and expenses) for bodily injury to any person (including death resulting therefrom) and property damage arising out of or in connection with the program, except to the extent such claims, damages, losses, liability and costs are caused by the other party.

DISCLAIMER

ComEd does not guarantee that certain energy savings will be achieved 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, representations, or work made or performed, or equipment furnished or installed by any Service Providers, subcontractors, or vendors that sell or install energy efficiency measures.

The customer shall be entitled to the energy cost savings realized by the customer that result from the installation of ECMs at the customer's site. In consideration of the services provided by ComEd as part of this program, the customer agrees that ComEd is entitled to 100 percent of the rights and benefits associated with the measures, including, without limitation, PJM products and all other attributes, credits or products associated therewith under any regional initiative or federal, state or local law, program or regulation, and the customer waives, and agrees not to seek, any right to the same.