

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 and major renovations of single-family homes, duplexes, townhomes, small multi-family, 2-4 flats and accessory dwelling units are eligible to receive financial incentives for achieving best practice energy efficiency.

Here's How:

- 1 **Apply** to the ComEd Energy Efficiency Program by completing this application, confirm eligibility by engaging with the Program team, and **submit a Specifications Spreadsheet**.
- 2 **Connect** with a qualified home energy rater early to assist with meeting the Program's air tightness requirements.
- 3 **Build** to meet the Program's energy efficiency requirements including envelope, all-electric HVAC, heat pump water heating, lighting and appliances.
- 4 **Learn** about additional clean energy strategies— solar power, electric vehicle charging, smart homes and induction cooking.
- 5 **Verify** construction quality using a qualified home energy rater. Rater will submit a simple program workbook for the home to confirm achievement.
- 6 **Receive** incentive payment!



Apply Today!

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

Requirements & Incentives

Electric Homes New Construction

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

Anticipated 2024 Electric Homes New Construction Participation:

<800 sq. ft. = \$3,000 800-1500 sq. ft. = \$4,000 >1500 sq. ft. = \$5,000

Anticipated Incentive

Number of qualifying units:

Minimum Program Requirements¹

All-electric space heating, water heating and clothes dryer

Air tightness ≤ 2.0 air changes per hour at 50 Pascals depressurization

Cold climate air-source heat pump space heating & cooling, ≥ 18.0 SEER, ≥ 10.0 HSPF or ground-source heat pump, ≥ 22 EER, ≥ 4.4 COP²

Heat pump water heating

All LED interior and exterior lighting

ENERGY STAR[®] certified [refrigerators](#), [dishwashers](#), [clothes washers](#) and electric clothes dryers or heat pump dryers

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 to outdoors required
- Sealed sump basin and sealed plumbing rough-in (if applicable)
- Thermal isolation of slab-on-grade (if applicable)

**Up to
\$5,000
Incentive
per Home**

Additional Recommendations

Induction range cooktop

Energy recovery ventilator

Triple pane windows

Solar photovoltaic (PV) ready - [ComEd.com/Solar](https://www.comed.com/ComEd.com/Solar)

Electric vehicle ready - [ComEd.com/EV](https://www.comed.com/ComEd.com/EV)

Battery storage ready

ComEd Hourly Pricing - [ComEd.com/HourlyPricing](https://www.comed.com/ComEd.com/HourlyPricing)

ComEd Time-of-Day Pricing - [ComEd.com/TimeofDayPricing](https://www.comed.com/ComEd.com/TimeofDayPricing)

Learn More

Explore tools and resources about heat pumps - [ComEd.com/GoElectric](https://www.comed.com/ComEd.com/GoElectric)

¹ Homes achieving 30% energy reduction compared to current Illinois Energy Conservation Code by measures other than these requirements may also be eligible. 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.

² System may meet these requirements or comparable M1 test procedure ratings. Approximate comparisons as follows:

SEER	SEER2 (Ducted)	SEER2 (Ductless)	HSPF	HSPF2 (Ducted Split)	HSPF (Ductless)
18.0	17.2	18.0	10.0	8.5	9.5

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Additional Requirements for [Small Multi-Family Projects](#)

Common Area Lighting Power: total lighting power in common areas shall not exceed 0.40 watts per square foot

Common Area Lighting Controls: install occupancy controls (automatic on/off) capable of reducing lighting power of lobbies, corridors, and stairways by at least 50% after 5 minutes of non-occupancy

Parking Garage Interior Lighting Power (if applicable): install LED fixtures to achieve 0.10 watts per gross square foot of installed lighting power or lower

Parking Garage Interior Lighting Controls (if applicable): install occupancy sensor controls and daylight-responsive controls where required by code. Program occupant sensor lighting controls to 90% shut off after 5 minutes.

Parking Garage Exterior Lighting Power (if applicable): install LED fixtures to achieve 0.45 watts per square foot of outdoor surface parking and drive area or lower

Think Solar
ComEd.com/Solar

Think Electric Vehicle
[EV Charging Station](#)

Application

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Project Information

Estimated construction completion date:	Project Type:	New Construction	Renovation	Dwelling Type:
	Project Address:			
Estimated construction completion date:	Project Type:	New Construction	Renovation	Dwelling Type:
	Project Address:			
Estimated construction completion date:	Project Type:	New Construction	Renovation	Dwelling Type:
	Project Address:			

Preferred Project Contact

Builder	Owner	Name:	Company:
Rater	Other	Email:	Phone:
Architect		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:	

Application

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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 this project will be ICC Certified prior to construction completion in order to avoid incentive payment delays.

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 completed through the 2024 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 application is true and correct. I acknowledge that receipt of 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

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Eligible projects

- New construction or major renovation of single-family homes, small multi-family (greater than 4 units and up to 3 stories outside of Chicago, up to 4 stories in Chicago), duplexes, townhomes, 2-4 flats or accessory dwelling units.
- Equipment must be installed and operational prior to submittal of the rater workbook.
- Project applications should be submitted early in the design process to secure approval.
- Major renovations are eligible when minimum requirements are met and all required equipment is new for the entire residence. Building envelope requirements must be met. Pre-renovation air tightness testing is recommended. Post renovation air tightness testing is required. 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 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.

Incentives are contingent upon fund availability. Application does not guarantee fund availability. Incentive amounts will be paid based upon the tiers outlined in this document, regardless of the project completion year.

ComEd will award one incentive per project. Participating projects receiving Electric Homes New Construction incentives may not receive additional incentives from other ComEd offerings.

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

Participation process

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

After construction completion, the rater shall submit a Rater Workbook documenting project compliance with Program requirements. A Rater Workbook template will be obtained from a Program representative and completed by the Rater. Information required in the Workbook includes but is not limited

to: confirmation of compliance with prescriptive requirements, air tightness testing results from a certified HERS rater, equipment models and AHRI efficiencies, energy savings compared to the code baseline and the customer meter number(s). For small multi-family projects, air tightness testing shall follow the protocol identified in ASTM Standard E779-10. For compartmentalization testing, a sampling protocol in accordance with ANSI/RESNET/ICC 301-2014 may be used.

Completed projects are subject to a verification review by Program staff, including desk review of rater field notes and/or site verification.

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.

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 completed through the 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, 2024 – December 31, 2024.

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.

Terms & Conditions

Electric Homes New Construction

- 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.

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% 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.