



ComEd[®]
Energy Efficiency Program

ComEd Electric Homes New Construction

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Why Electric Homes New Construction?

» Opportunity for deep EE and value stacking

- Influence an emerging opportunity to build demand for high performance all-electric homes
- Layer benefits of energy efficiency, demand response, innovative rate structures, EV, PV
- Generate data to inform policy discussions around electrification as decarbonization strategy

Offering Overview

REQUIREMENTS

- ✓ Electric space heat, DHW & clothes dryer
- ✓ Air tightness ≤ 2.5 AHC@50
- ✓ ASHP 17.8 SEER, 11.0 HSPF
- ✓ HPWH 3.45 UEF
- ✓ ENERGY STAR® certified lighting
- ✓ ENERGY STAR® appliances
- ✓ ENERGY STAR® smart t-stats
- ✓ Low-flow fixtures
- ✓ Comfort/IAQ requirements

\$2,000/home

RECOMMENDATIONS

- ✓ Induction range cooktop
- ✓ PV ready – [ComEd.com/solar](https://www.comed.com/solar)
- ✓ Electric Vehicle ready – [ComEd.com/EV](https://www.comed.com/EV)
- ✓ Battery storage ready
- ✓ ComEd [hourly pricing](#), [peak time savings](#), [MyAccount](#), etc.

ELECTRIC HOME ESSENTIALS

Receive a \$2,000 incentive for implementing a core set of energy-efficient building practices and equipment.

COMPLETE CLEAN HOME PACKAGE

Upsell your customers by adding the following features to your sales options package.

ENERGY STAR® CERTIFIED PRODUCTS AND APPLIANCES

Maximize efficiency by opting for ENERGY STAR certified equipment, such as:

Clothes washers, refrigerators, dishwashers, LED lighting, smart thermostats, and more

HIGH-QUALITY BUILDING ENVELOPE

The building envelope must be constructed to be exceptionally airtight and well-insulated. Eligibility requirements include minimum values for air tightness, ventilation and comfort.

PRIVATE SOLAR ENERGY SYSTEM*

A private solar energy system has solar panels that are most often installed on the roof. Because the home will be connected to the smart grid, ComEd will still deliver energy to the home on days when the private solar energy system does not produce all of the energy needed.

Learn more at ComEd.com/Solar

INDUCTION COOKING*

While an induction cooktop heats up very rapidly, the surface itself does not get very hot—making them safer and easier to clean than a conventional stove. This is a great selling point for families with small children or couples looking to start a family.

HEAT PUMP SPACE HEATING

Install a cold-climate air-source heat pump or ground-source heat pump system to efficiently and effectively heat and cool the home year-round.

HEAT PUMP WATER HEATER

Install a qualifying heat pump water heater, which can slash consumption by up to 70 percent¹ compared to electric resistance models. Many are Wi-Fi-enabled, allowing for remote adjustments and alerts.

ELECTRIC VEHICLE (EV) CHARGING STATION*

Explore our EV resources and charger readiness checklist for installation requirements.

Learn more at ComEd.com/EV

● ESSENTIAL EQUIPMENT

● *COMPLETE CLEAN HOME

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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.¹

1 Limited to \$10,000 per builder in 2020. 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. © Commonwealth Edison Company, 2020. The ComEd Energy Efficiency Program is funded in compliance with state law.



PRE-APPLY

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

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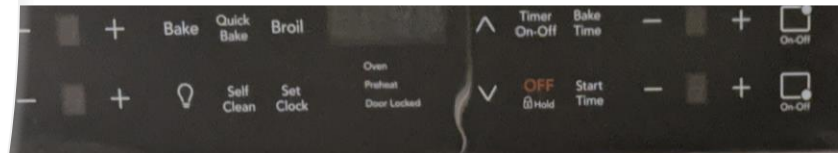


Benefits

- ✓ Achieve net zero energy capability with addition of PV
- ✓ Improved comfort: less temperature variability, lower humidity
- ✓ Comparable construction + operating cost as gas-heated homes, and lower cost if participating in Hourly Pricing
- ✓ Lower carbon footprint, with increasing benefits over time as generation shifts toward lower cleaner carbon sources

Challenges

- Heat pump contractor shortage
- ASHPs are not all created equal
- Uncertainty around ASHP performance in extreme temperatures
- Heat pump water heater availability
- Heat pump water heater space cooling
- Wide mix of feelings about induction cooking
- Builder buy-in





Thank You!

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