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

RECOMMENDATIONS

✓ Induction range cooktop
✓ PV ready – ComEd.com/solar
✓ Electric Vehicle ready – ComEd.com/EV
✓ Battery storage ready
✓ ComEd hourly pricing, peak time savings, MyAccount, etc.

$2,000/home
**Electric Home Essentials**

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

**Complete Clean Home Package**
Up sell your customers by adding the following features to your sales options package.

**High-Quality Building Envelope**
The building envelope must be constructed to be exceptionally tight and well insulated. Eligibility requirements include minimum values for air tightness, ventilation, and comfort.

**Private Solar Energy System**
A private solar energy system can save energy and money. Eligibility requirements include minimum values for air tightness, ventilation, and comfort.

**Induction Cooking**
While an induction cooking system can save energy, the surface feel does not get very hot. Cooking times are shorter than traditional burners. Can also be a selling point for families with small children or couples looking to start a family.

**Electric Vehicle (EV) Charging Station**
Install an electric vehicle charging station to charge your electric vehicle.

**Heat Pump Water Heater**
Install a high-efficiency heat pump water heater, which can save you money on your utility bills.

**ComEd Energy Efficiency Program**

**Overview**

Electric Homes

New Construction

Make the jump to high-quality, net-zero energy electric homes. Reduce energy bills while providing superior comfort. Program for a clean, resilient energy future. No intersection required.

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

**Here's How:**

1. **Pre-Apply**
   - Transform project eligibility. See Application.

2. **Build**
   - Meet the program's energy efficiency requirements including energy ratings, all-electric HVAC, heat pump water heating, lighting, and appliances.

3. **Learn**
   - 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 rating. Rate will submit a simple program workbook for the home to confirm achievement.

5. **Receive**
   - Receive $2,000 incentive per home.

For more information, visit ComEd.com/EnergyEfficiency or call 800-433-2700, or email RenewableC@ComEd.com.
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!

ComEd
Energy Efficiency Program