



# Let's Build a Brighter Future

| All-electric, solar-ready  
new homes

Maximize value and save on  
energy costs for years to come

**Consumers Energy**  
Count on Us®

# Stay on the cutting edge of home technology

You deserve innovative, accessible energy solutions that protect the environment. That's why Consumers Energy and its partners are excited to announce the **All-Electric, Photovoltaic (PV)-Ready New Home Construction Pilot.**

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These all-electric, solar-ready new homes use substantially less energy than ones built to minimum standards, saving you utility costs throughout the lifetime of your home. Each home will have a variety of energy-saving features designed to maintain the home's value over time, increase comfort and health, and reduce energy and maintenance costs.

## HERE'S HOW IT WORKS

**You'll start by** working with a participating homebuilder to construct a high efficiency, all-electric home.

**From there,** your home will be ready for solar technology, making it less costly to add solar panels to your home during construction or in the future.



## Ready to get started?

Talk to your builder  
about participating in  
the All-Electric, PV-Ready  
New Home Construction Pilot.



# Whole-House Innovations

The anatomy of an all-electric,  
photovoltaic (PV)-ready new home\*

Independent  
Inspection and  
Testing

Airtight Home  
Construction

PV-Ready  
Technology



SEE BACK FOR DETAILS

## Independent Inspection and Testing

Each home is inspected and tested by a third-party HERS® rater — the lower the score, the higher the savings. A house built in Michigan with traditional materials and methods typically has a score between 72 and 80, while your all-electric, PV-ready home will have a score of 40 or less.

## Airtight Home Construction

Tight construction and fresh air ventilation systems reduce drafts, moisture, dust, pests and pollen, contributing to healthier indoor air quality. This airtight construction also helps to maximize the efficiency of the insulation in your attic, walls and ceiling, keeping you comfortable and reducing energy costs.

## PV-Ready Technology

Solar infrastructure is installed during the construction of your home, making it more cost-effective to install solar panels on your home during construction or wait to add the panels in the future.

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\*Not all features will be included in homes that qualify for the Consumers Energy All-Electric, PV-Ready New Home Construction Pilot. Talk with your homebuilder for specific information about your home's features.

# Heating, Cooling and Comfort

The anatomy of an all-electric,  
photovoltaic (PV)-ready new home\*

Energy Efficient  
Heating and Cooling  
Equipment

Insulation and  
Windows

Energy Efficient  
Water Heating  
System



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## Energy Efficient Heating and Cooling Equipment

Efficient cold climate heat pumps save energy by using electricity to distribute heat and cool air more efficiently than traditional furnaces and air conditioners.

## Insulation and Windows

Consumers Energy all-electric, PV-ready new homes keep you comfortable by including extra insulation and installing high-performance windows that meet or exceed forthcoming energy codes.

## Energy Efficient Water Heating System

Efficient water heating systems save energy without sacrificing heat, which will keep you from running out of hot water.

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# High-Tech Lighting and Appliances

The anatomy of an all-electric,  
photovoltaic (PV)-ready new home\*

Energy Efficient  
Lighting

ENERGY STAR®  
Certified Appliances

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## Energy Efficient Lighting

LEDs use up to 90% less energy and can last at least 15 times longer than traditional lightbulbs.\*

## ENERGY STAR Certified Appliances

Appliances certified by ENERGY STAR are put through rigorous testing to ensure they meet high-performance requirements.

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†energystar.gov

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