

# 2021 Clean Energy Plan

## Leading Michigan's Clean Energy Transformation

**Consumers Energy**

Count on Us®

### Landmark plan ends coal use to protect planet, provides reliable electric supply

In June 2021, Consumers Energy announced a sweeping proposal to end coal use by 2025 — 15 years faster than currently planned. The plan helps us protect the environment for future generations and positions Consumers Energy as a national leader in the clean energy transformation.

The 20-year blueprint ensures we will:

- Be among the first utilities in the nation to go coal-free by 2025.
- Use 90 percent clean energy resources.
- Utilize nearly 8,000 megawatts of solar energy to power Michigan's homes and businesses.
- Stay on the path to achieve net zero carbon emissions.
- Create price stability and save customers about \$650 million through 2040.

The proposal — an update of our Clean Energy Plan requiring regulatory approval — focuses heavily on increasing renewable energy and energy efficiency to meet Michigan's energy needs.

**Our customers can play a key role to help us operate smarter, cleaner and more efficiently.**

Learn more about our Clean Energy programs by visiting:

**[ConsumersEnergy.com/change](https://www.consumersenergy.com/change)**

CONTINUED ON BACK PAGE

# Plan Highlights

## Eliminate coal

All coal plants would be retired by 2025. Ending the use of coal will improve air quality, cut greenhouse gas emissions and save water.

## More renewables

By 2040, more than 60 percent of our electric capacity will come from renewable sources. We've already begun tapping more solar power and plan to add nearly 8,000 megawatts by 2040.

## Net zero emissions

Our plan would achieve 60 percent emissions reductions by 2025 — faster than President Biden's goal — and keep us on course to achieve net zero emissions by 2040.

## A smarter grid

Energy efficiency, demand response and emerging technologies such as grid modernization and battery storage will help us lower peak customer demand for electricity and deliver exactly what Michigan needs.

## More control and savings for customers

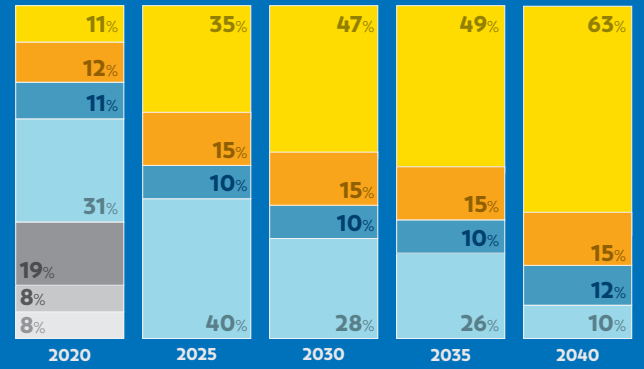
We'll provide customers with the power to reduce energy waste and lower bills through energy efficiency and demand response programs.

## Flexible strategy

Our plan is designed to respond to emerging needs, adapt to changing conditions and embrace emerging innovative technologies as we work to achieve net zero carbon emissions.



Electric Capacity by Fuel Source MW



■ Renewable Energy\* 
 ■ Customer Efficiency Programs  
■ Energy Storage 
 ■ Natural Gas  
■ Coal 
 ■ Nuclear 
 ■ Kern oil/natural gas

\*Does not include renewable energy credits.

# Clean Energy Transformation

The Clean Energy Plan is a sea change that will transform our operations and create a brighter energy future for Michigan.

Accelerating the end of coal use to 2025, dramatically boosting the contribution of solar energy and using natural gas will help us meet the state's energy needs reliably while protecting the environment for generations to come.

# Affordability

- Our plan creates price stability and, by using natural gas as a fuel source to generate baseload power, will save customers about \$650 million through 2040 compared to our current plan.
- The increased use of demand management tools such as energy waste reduction programs will give customers more control over their monthly energy bills, equipping them to save energy and money over the long term.



Learn more at [ConsumersEnergy.com/change](https://www.consumersenergy.com/change)