

Electric Companies Are Leading on Clean Energy

EEL member companies are leading a clean energy transformation that will deliver America's energy future for the customers and communities they serve. Electric companies' investments in clean energy and smarter energy infrastructure have reduced emissions significantly, while keeping electricity affordable and reliable.



INVESTING IN SMARTER ENERGY INFRASTRUCTURE

\$100 billion+

Electric companies invest more than \$100 billion each year to:



make the **ENERGY GRID** stronger, smarter, cleaner, more dynamic, and more secure



diversify the nation's **ENERGY MIX**



integrate **NEW TECHNOLOGIES** that benefit customers

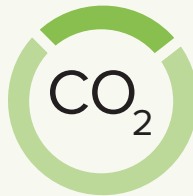
REDUCING CARBON EMISSIONS SIGNIFICANTLY



CARBON-FREE SOURCES

>1/3

More than one-third of all U.S. power generation comes from carbon-free sources, including nuclear energy and hydropower and other renewables.

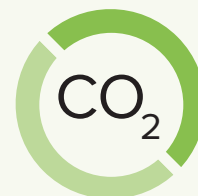


2018

CARBON DIOXIDE EMISSIONS

↓27%

As of year-end 2018, our industry's carbon dioxide emissions were 27% below 2005 levels—nearly the lowest level in 3 decades.



2030

CARBON DIOXIDE EMISSIONS

↓50%

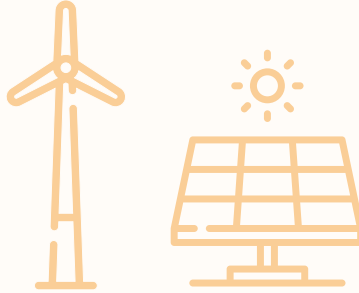
Based on projected trends and member goals, CO₂ emissions from EEL members are projected to be approximately 50% below 2005 levels by 2030.

ADDING MORE RENEWABLES

NEW GENERATION CAPACITY

>1/2

Over the past 5 years, more than half of new electricity generation capacity was wind and solar.



SOLAR ENERGY

69%

Electric companies provide 69% of the solar energy in the country.

PROMOTING ELECTRIC TRANSPORTATION



FEWER CO₂ EMISSIONS

54%

Driving on electricity emits 54% fewer CO₂ emissions per mile than the average new gasoline car. As a result, electric vehicles help improve air quality and reduce smog.



ELECTRIC VEHICLES

1.1 million+

Today, there are more than 1.1 million electric vehicles on U.S. roads. By 2030, that number is projected to reach 18.7 million.



CUSTOMER PROGRAMS & PROJECTS

\$1 billion+

Electric companies are investing more than \$1 billion in customer programs and projects to deploy charging infrastructure and to accelerate electric transportation.

SUPPORTING ENERGY EFFICIENCY & ENERGY STORAGE

ENERGY EFFICIENCY PROGRAMS



147 MMT of CO₂ avoided

In 2017, energy efficiency programs avoided the generation of 147 million metric tons of CO₂ emissions and saved enough electricity to power 22 million U.S. homes for 1 year.



ENERGY STORAGE

>90%

Electric companies use more than 90% of all U.S. energy storage. Storage helps integrate more renewables into the energy mix.



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