

# America's Energy Infrastructure

CLEANER ■ SMARTER ■ STRONGER

EEI's Member Companies

INVEST  
**\$120 billion+**  
EACH YEAR

TO

make the energy grid  
**SMARTER,  
STRONGER,  
CLEANER, MORE  
DYNAMIC, and  
MORE SECURE**

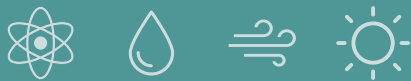
**DIVERSIFY  
THE  
NATION'S  
ENERGY  
MIX**

**INTEGRATE  
NEW  
TECHNOLOGIES**  
that benefit customers.

Smarter energy infrastructure helps to  
**INTEGRATE MORE CLEAN ENERGY RESOURCES.**

**NEARLY 40%**

OF ALL U.S. POWER GENERATION COMES FROM CARBON-FREE SOURCES, INCLUDING NUCLEAR ENERGY, HYDROPOWER, WIND, AND SOLAR ENERGY.



CARBON DIOXIDE EMISSIONS

↓ **~45%**

As of year-end 2019, EEI's member companies have reduced CO<sub>2</sub> emissions approximately 45% below 2005 levels.



**18.7 million**

By 2030, the number of electric vehicles on U.S. roads is projected to reach 18.7 million, requiring about 9.6 million charge ports.



**107 million+**  
SMART METERS  
DEPLOYED ACROSS  
THE COUNTRY

improve reliability, resiliency, and services for customers.

CUSTOMER PROGRAMS & PROJECTS



**\$2.6 billion+**

Electric companies are investing more than \$2.6 billion in customer programs and projects to deploy charging infrastructure and to accelerate electric transportation.

## PUBLIC POLICIES SHOULD:

1

Promote investment in smarter energy infrastructure to **KEEP ENERGY BILLS LOW AND PREDICTABLE** for customers.

2

**EXPEDITE THE PROCESS FOR PERMITTING AND SITING** energy infrastructure.

3

Help to **STRENGTHEN THE ENERGY GRID'S RESILIENCE** against cyber and physical security threats, wildfires, and natural disasters.

4

**SUPPORT A DIVERSE, DOMESTIC ENERGY MIX.**

5

**INCREASE RESEARCH, DEVELOPMENT, DEMONSTRATION, AND DEPLOYMENT FUNDING AND SUPPORT** for clean energy technologies, including energy efficiency, longer-duration energy storage, advanced renewables, hydrogen, existing and next-generation nuclear, and carbon capture, utilization, and storage.

6

**PROMOTE TRANSPORTATION ELECTRIFICATION** by modernizing federal transportation programs to encourage investments in electric transportation and charging infrastructure.

7

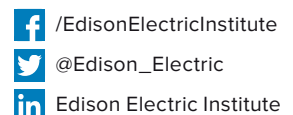
**PROMOTE THE DEVELOPMENT OF ROBUST ENERGY STORAGE TECHNOLOGIES** for electric vehicles and the energy grid.

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Edison Electric Institute  
701 Pennsylvania Avenue, NW  
Washington, DC 20004-2696  
202-508-5000 | [www.eei.org](http://www.eei.org)

**#Committed2Clean**



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