America’s Energy Infrastructure

CLEANER ■ SMARTER ■ STRONGER

EEI’s Member Companies INVEST $120 billion+ EACH YEAR, ON AVERAGE 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.

40%

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

CARBON EMISSIONS AT Lowest Level in 40+ Years

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

Nearly $3 billion

Electric companies are investing nearly $3 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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