Smarter Energy Infrastructure

POWERS AMERICA’S HOMES AND BUSINESSES

Our industry contributes $865 billion to the U.S. economy OR 5% to AMERICA’S TOTAL GDP AND supports 7 million+ AMERICAN JOBS.

$100 billion+ INVESTED EACH YEAR TO make the energy grid SMARTER, STRONGER, CLEANER, MORE DYNAMIC, and MORE SECURE; DIVERSIFY THE NATION’S ENERGY MIX; and INTEGRATE NEW TECHNOLOGIES that benefit customers.

85 million+ SMART METERS DEPLOYED ACROSS THE COUNTRY

IMPROVE RELIABILITY, RESILIENCY, AND SERVICES FOR CUSTOMERS.

Smart communities are powered by smarter energy infrastructure and use data and technology to help DRIVE EFFICIENCIES, IMPROVE SUSTAINABILITY, SPUR ECONOMIC DEVELOPMENT, and ENHANCE THE QUALITY OF LIFE for their citizens.
Smarter energy infrastructure helps to integrate more clean energy resources.

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Of all U.S. power generation comes from carbon-free sources (nuclear and hydropower and other renewables).

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 and natural disasters.
4. Support a diverse, domestic energy mix.
5. Increase research and development funding and support for clean energy technologies, including energy efficiency, energy storage, renewables, existing and next-generation nuclear, other carbon-free technologies, 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 more robust battery technologies for both electric vehicles and energy storage.

Delivering America’s Energy Future

Edison Electric Institute
701 Pennsylvania Avenue, NW
Washington, DC 20004-2696
202-508-5000 | www.eei.org

/EdisonElectricInstitute
@Edison_Electric
Edison Electric Institute

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