



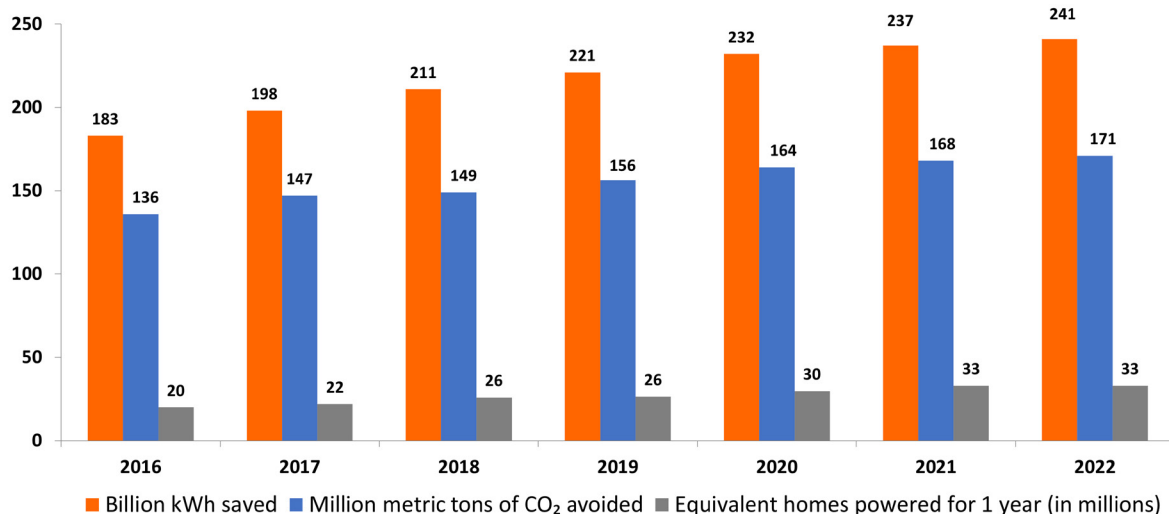
The Edison Foundation

INSTITUTE for
ELECTRIC INNOVATION

Energy Efficiency Trends in the Electric Power Industry: Top 10 Things You Should Know

- 1 Electric company customer-funded energy efficiency (EE) programs saved 241 terawatt-hours (TWh) of electricity in 2022.¹
- 2 In 2022, EE programs avoided the generation of 171 million metric tons of carbon dioxide (CO₂) emissions.
- 3 In 2022, EE programs saved enough electricity to power 33 million U.S. homes for one year.
- 4 EE programs are very cost-effective, delivering energy savings at a cost of roughly 2.5 cents per kilowatt-hour (kWh) over the lifetime of the investment.
- 5 States with regulatory frameworks that support electric company investments in EE programs tend to lead in energy savings.
- 6 EE savings grew 14 percent over the past 5 years, from 211 TWh saved in 2018 to 241 TWh saved in 2022.
- 7 Over the past 5 years, annual EE expenditures averaged \$6.9 billion.
- 8 According to the latest data, targeted EE program expenditures totaling \$571 million helped 1.5 million low-income households be more energy secure.

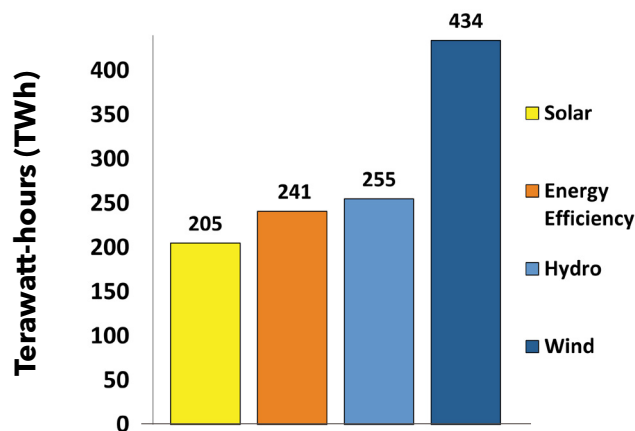
Energy Efficiency Programs Save Energy and Reduce Carbon Dioxide Emissions



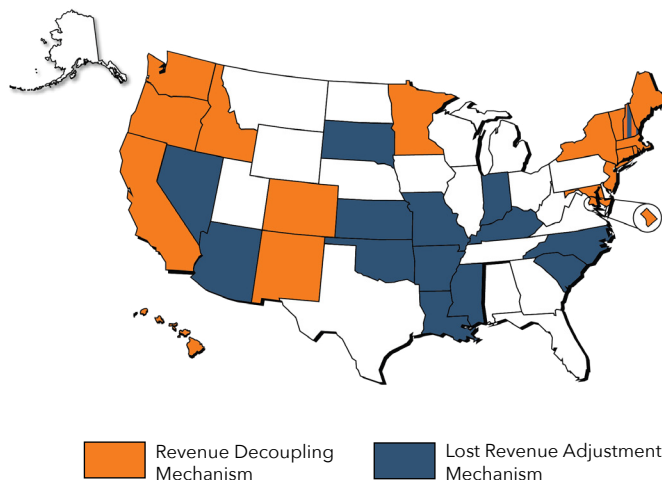
1. For the purposes of this factsheet, the electric power industry includes investor-owned electric companies, public power utilities, electric cooperatives, and federal utilities. We use the term 'electric companies' in this report to encompass all of these industry segments.

- 9 In 2022, EE programs saved about as much electricity as the amount generated by solar energy, and roughly half of what was generated by wind energy.

Comparison: EE Program Savings and Renewable Energy Generated (2022)



- 10 Across the country, 32 states have approved fixed-cost recovery mechanisms –17 states have revenue decoupling, 13 have lost revenue adjustment mechanisms, and 1 state has both mechanisms. There are 28 states with performance incentives.



Sources:

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About the Institute for Electric Innovation

The Edison Foundation's Institute for Electric Innovation focuses on advancing the adoption of new technologies that improve the customer experience by enhancing how electric companies engage with customers to strengthen and transform the energy grid. IEI's members are the investor-owned electric companies that represent about 70 percent of the US electric power industry. The membership is committed to an affordable, reliable, secure, and clean energy future.

IEI promotes the sharing of information, ideas, and experiences among regulators, policymakers, technology companies, thought leaders, and the electric power industry. IEI also identifies policies that support the business case for the adoption of cost-effective technologies.

IEI is governed by a Management Committee of electric industry Chief Executive Officers. In addition, IEI has a select group of technology companies on its Technology Partner Roundtable.



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