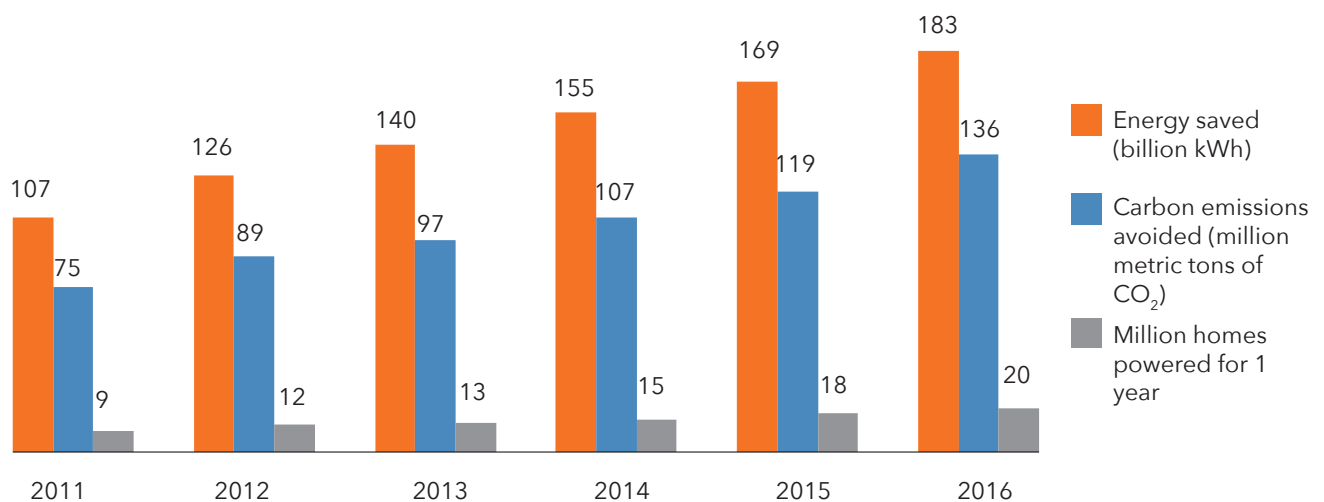




Energy Efficiency Trends in the Electric Power Industry: Top 10 Things You Should Know

- 1 Electric company customer-funded energy efficiency (EE) programs saved 183 terawatt-hours (TWh) of electricity in 2016.
- 2 In 2016, EE programs avoided the generation of 136 million metric tons of carbon dioxide.
- 3 In 2016, EE programs saved enough electricity to power 20 million U.S. homes for one year.
- 4 EE programs are very cost effective delivering energy savings at a cost of roughly 2 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 45 percent over the past 5 years from 126 TWh saved in 2012 to 183 TWh in 2016.
- 7 EE expenditures grew 30 percent over the past 5 years, increasing from \$5.9 billion in 2012 to \$7.5 billion in 2016.
- 8 The Institute for Electric Innovation projects EE expenditures to exceed \$9 billion in 2025, up from \$7.5 billion today.

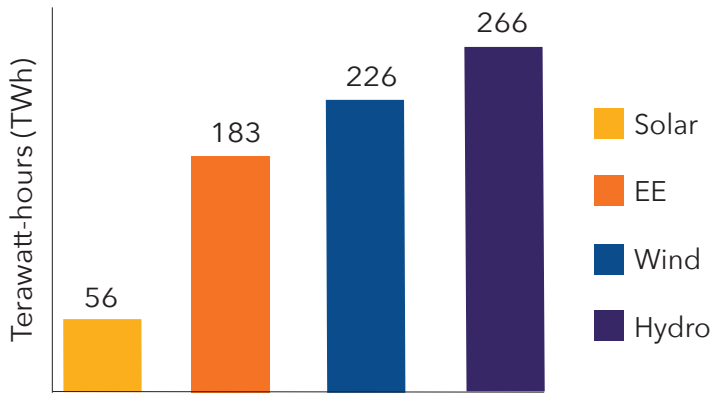
**Energy Efficiency Programs
Save Energy and Reduce Carbon**



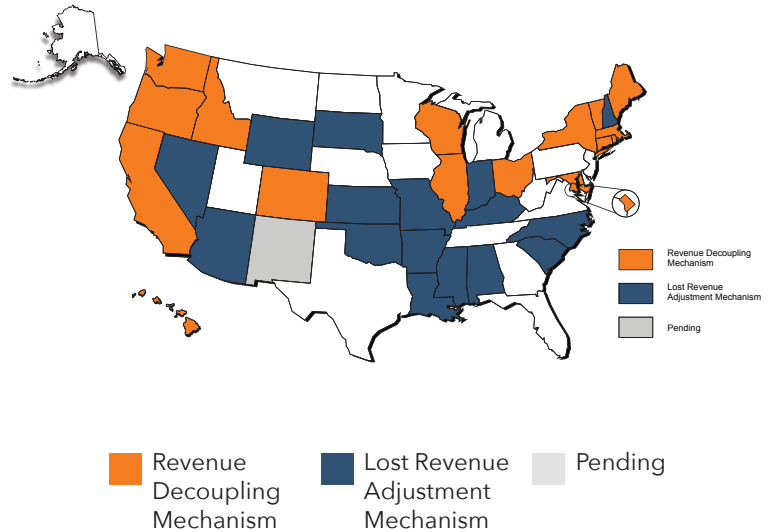
Source: Energy Efficiency Trends in the Electric Power Industry. December 2017. Institute for Electric Innovation

9 EE programs in 2016 saved three times the amount of electricity generated by solar resources in 2016, and about 80 percent of what wind resources produced.

Comparison: EE Program Savings and Renewable Energy Generated (2016)



10 Across the country, 33 states have approved fixed-cost recovery mechanisms – 17 states have revenue decoupling and 16 have lost revenue adjustment mechanisms. And, 30 states have performance incentives in place.



About the Institute for Electric Innovation

The Institute for Electric Innovation focuses on advancing the adoption and application of new technologies that will strengthen and transform the energy grid. IEI’s members are the investor-owned electric companies that represent about 70 percent of the U.S. 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, policy makers, 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 Strategy Committee made up of senior electric industry executives and a select group of technology companies on its Technology Partner Roundtable.



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