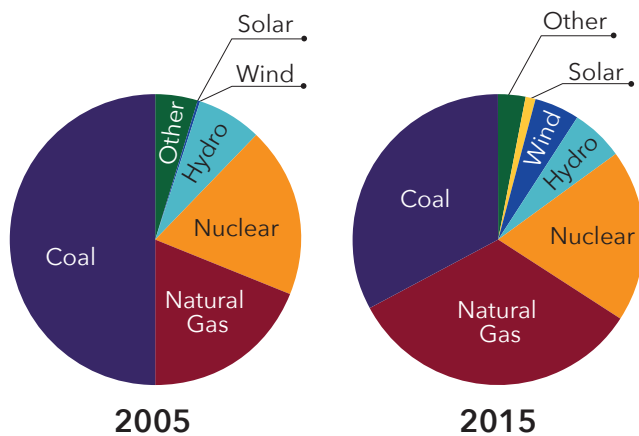


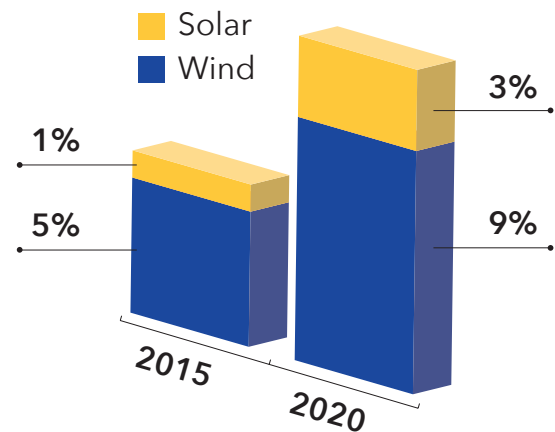


# Electric Companies Are Investing in a Clean Energy Future: Top 10 Things You Should Know

**1** In 10 years, the electricity generation mix has changed dramatically—one-third of all electricity nationwide now comes from zero-emission sources like nuclear hydropower, wind, and solar.

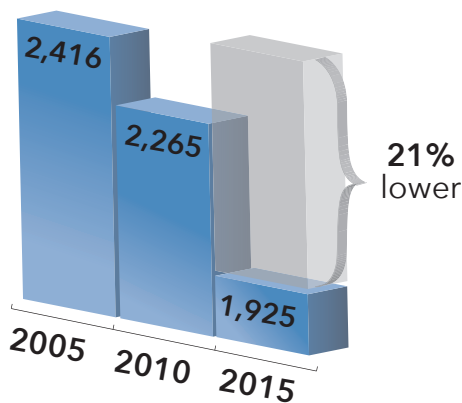


**3** In 2015, wind and solar generated about 6 percent of all electricity used in the U.S. and are expected to account for 12 percent of all electricity used in the U.S. in 2020.



**2** Carbon emissions from electricity generation have been declining for the last decade and were nearly 21 percent below 2005 levels at the end of 2015.

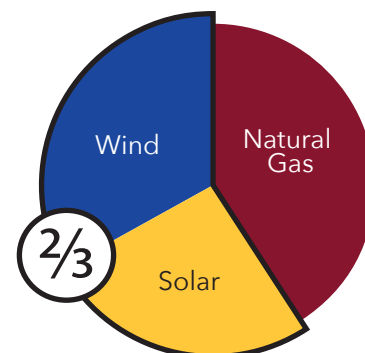
**Carbon Emissions (MMT)**



**4** Electric companies own or contract for virtually all of the wind energy and about 60 percent of the solar power in the U.S.

**5** Investments in wind and solar energy accounted for two-thirds of all electricity capacity additions in the U.S. in 2015.

**Capacity Additions (2015)**



6 Solar energy is growing exponentially in the U.S. and is forecasted to more than triple by 2020, reaching 86 gigawatts (GW).

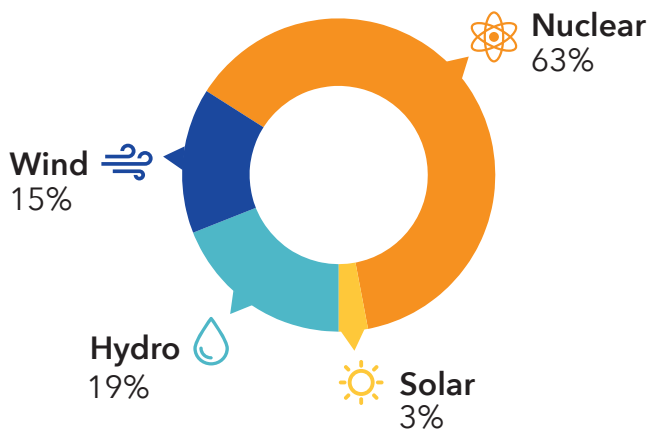
7 Today, nuclear energy accounts for almost two-thirds of the carbon-free electricity generated in the U.S.

8 Clean energy integration requires smart energy infrastructure. Electric companies are expected to invest \$52 billion in 2016 to make the energy grid more dynamic and more secure.

9 Corporations increasingly want renewable energy to power their offices and operations. In 2015, corporate customers contracted for more than 3 GW of renewable energy. This is expected to increase to 60 GW by 2025.

10 A balanced energy mix that includes clean and renewable energy sources, as well as traditional ones, helps to ensure reliability, affordability, and security. Solar, wind, nuclear, hydro, natural gas, and coal are all part of the balanced energy mix in the U.S.

### Carbon-free Electricity Generated (2015)



## 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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