



Dominion Virginia Power Plan Sees More Clean Energy

6 Things to Know

- 1) The typical Dominion Virginia Power residential customer's carbon footprint could shrink by as much as 25 percent over the next eight years and by 46 percent between 2007 and 2027 under the plans.
- 2) At least 5,200 megawatts of new solar generation could be added during the 25-year study period under each of the alternative plans. Solar eventually could generate electricity at maximum output to serve more than 1.3 million homes when there is sufficient sunlight.
- 3) Low-emitting, low-cost natural gas a critical partner to solar, given the variable nature of solar energy and the around-the-clock capability of natural gas. Natural gas infrastructure—including the Atlantic Coast Pipeline—is an important part of Dominion's comprehensive energy strategy.
- 4) Together with the company's North Anna and Surry nuclear facilities, over a third of its Virginia service territory could be powered with carbon-free electricity by 2032.
- 5) In addition to advancing renewable energy, grid modernization also will help strengthen the grid against cyber- or physical attacks, provide more control and information for customers, and will improve our ability to restore power promptly after storms.
- 6) Dominion already is a low-carbon producer of electricity. In recent years, the company has: **Converted four coal-fired power stations** in Virginia to natural gas or biomass; **Retired two other coal-fired stations**; **Made significant investments in new natural gas-fired generation** to reduce imports of electricity from higher-carbon sources outside the state; **Improved efficiencies of existing stations**, and; **Encouraged energy conservation**.