



# Virginia renewable energy

The Dominion Energy renewable energy programs are a way for customers to support future growth and development of renewable energy easily and affordably through the purchase of Renewable Energy Certificates (RECs). If you are interested in generating renewable energy on-site, consider billing options like net metering.

Renewable Energy Consumption: Virginia: U.S. Rank: Period: find more: Renewable Energy Consumption as a Share of State Total 6.8 % 30 2022 Fuel Ethanol Consumption 9,385 thousand barrels 11 2022 Total Emissions: Virginia: Share of U.S. Period: find more: Carbon Dioxide 98.0 million metric tons ...

To obtain a list of small renewable energy projects that have met all the requirements for a permit by rule under 9VAC15-40 (wind) or 9VAC15-60 (solar) or 9VAC15-100 (energy storage), or to obtain a copy of an issued permit, please contact Susan Tripp at (804) 664-3470.

Speakers: Andrea Ruedy Trimble, William Shobe, Aaron Berryhill. Virtual Event with Live Captioning. Virginia is emerging as a leader in state, local, and university-level policies and strategies in response to legislation and goals for additional renewable energy development and reduced carbon emissions.

According to data from the US Energy Information Administration, renewable energy accounted for 8.4% of total primary energy production [1] and 21% of total utility-scale electricity generation in the United States in 2022. [3]Since 2019, wind power has been the largest producer of renewable electricity in the country. Wind power generated 434 terawatt-hours of electricity in 2022, which ...

All types of renewable energy as defined by Virginia law are eligible: solar, wind, geothermal, hydropower, wave, tidal, biomass and landfill gas. The resources that the program purchases are dependent on customer interest.

The Commonwealth set goals for its energy production-- including powering 30% of Virginia's electric system with renewable energy resources by 2030 and 100% by 2050. These ambitious goals will be made possible by initially focusing on solar and onshore wind energy sources followed by the development of off-shore sources.

All types of renewable energy as defined by Virginia law are eligible: solar, wind, geothermal, hydropower, wave, tidal, biomass and landfill gas. The resources that the program purchases are dependent on customer interest. Early in each calendar year, we'll share the annual renewable resource mix of the RECs used in the previous year.

The Dominion Energy Green Power program is designed for customers who want to support renewable energy in addition to what Dominion Energy is doing to meet Virginia's Renewable Energy Goal. Through participation in this program, we will purchase Green-e Energy <sup>®</sup>; certified renewable energy certificates



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in the amount specified by participating ...

Virginia has now become the first state in the South to embark on a clean-energy transition and one of the leading states in the nation on clean-energy policy. Let's take a quick look at what...

Small renewable energy projects authorized by permit-by-rule to construct and operate are also required to obtain a construction general permit via DEQ's Construction Stormwater Management Program given the project's land disturbance is equal to or greater than one acre. ... [Developing Solar Energy in Rural Virginia: An Analysis of Legal ...](#)

Virginia State Solar Overview. In March 2020, after a coordinated lobbying effort by clean energy advocates, environmental organizations and many other stakeholders, Virginia passed the Clean Economy Act, which will create up to 29,000 solar jobs while providing enormous market opportunities for both distributed generation and utility-scale solar.. SEIA remains active in ...

Effective July 1, 2020 Dominion Energy Virginia is required to produce their electricity from 100 percent renewable sources by 2045 and 2050. ... [The mandatory Renewable Energy Portfolio Standard Program's annual goals for the sale of renewable energy pertain to all retail customers in the Company's service territory, other than those ...](#)

Renewable Energy. Renewable energy can include energy derived from sunlight, wind, falling water, sustainable biomass, wave motion, tides, and geothermal power, and does not include energy derived from coal, oil, natural gas or nuclear power as defined in the Virginia Electric Utility Restructuring Act. Code of Virginia Title 56, Chapter 23 ...

The Inflation Reduction Act passed by Congress in 2022 presents a promising opportunity for West Virginia to invest in renewable energy projects and transition away from its heavy reliance on coal. Governor Jim Justice's initiative to fund a renewable energy battery plant in Weirton is a step in the right direction, but the recent layoffs at ...

Article 5. Small Renewable Energy Projects. § 10.1-1197.5. Definitions. As used in this article: "Energy storage facility" means energy storage equipment or technology that is capable of absorbing energy, storing such energy for a period of time, and redelivering energy after it ...

Faced with these headwinds for the coal industry, "West Virginia's Energy Future" explains how ramping up renewable energy would create thousands of construction jobs in West Virginia and have a net positive employment impact through 2030 equal to 1,155 full-time jobs.

While we aim to minimize energy consumption on Grounds, UVA is also seeking to procure clean, renewable energy sources to provide the power necessary to run the University. As of 2023, approximately 15% of UVA's electricity comes from solar energy sources, including six on-site rooftop installations and two large



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off-site solar farms.

Requirement: 100% by 2033, set to increase the percentage of retail electricity sales from renewable energy sources each year until 2033, ranging from 4% to 9.5% increases. Applicable Sectors: ... West Virginia. Title: Alternative and Renewable Energy Portfolio Standard- REPEALED. Established: 2009; Repealed 2015. Requirement: ...

The project will be located on about eight acres of land at 2601 Trade Street, near Dominion Energy's Yadkin Road substation. A 115 kilovolt line will connect the substation to the Crossroads ...

If you're looking to make a positive impact on Virginia's renewable energy economy, joining the Virginia Renewable Energy Alliance (VA-REA) is a great way to get started. Whether you're a business owner, government agency, nonprofit, school, or partner, VA-REA offers a platform for networking and collaboration.

The Virginia Administrative Code Section 56-576 defines renewable energy as "... energy derived from sunlight, wind, falling water, biomass, sustainable or otherwise, (the definitions of which shall be liberally construed), energy from waste, landfill gas, municipal solid waste, wave motion, tides, and geothermal power, and does not include ...

11 U.S. Department of Energy, Office of Energy Efficiency and Renewable Energy, WINDEXchange, Virginia Offshore 90-Meter Wind Map and Wind Resource Potential, and Virginia Land-Based Wind Speed at 100 Meters, accessed December 4, 2023. 12 U.S. EIA, State Energy Data System, Tables P2, Primary Energy Production Estimates in Trillion Btu, 2021.

What Types of Renewable Energy Are Eligible? Under Virginia law solar, wind, geothermal, hydropower, wave, tidal, biomass and landfill gas are eligible. ... The 100% Renewable Energy (RIDER TRG) charge is the renewable energy premium that costs an additional 0.398 cents per kWh. This is based on the market value of Renewable Energy Certificates ...

The RECs purchased for the Dominion Energy Green Power<sup>®</sup> program are retired on behalf of program participants and are completely separate from any other RECs Dominion Energy Virginia may purchase to achieve Virginia's voluntary Renewable Energy Goal of 15 percent of base year electricity energy sales coming from renewable energy sources by 2025.

On December 10, 2021, the Virginia State Corporation Commission ("Commission") issued its Order Adopting Regulations re: Regulations Governing Accelerated Renewable Energy Buyers ("ARB") that became effective February 1, 2022.. To receive full or partial exemption from applicable Renewable Energy Portfolio Standard Program ("RPS") eligible resources, potential ...

The Virginia Clean Economy Act of 2020 (VCEA) is transforming Virginia's electric grid to 100% clean



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energy by 2050, requiring large-scale deployment of renewable generation resources. In addition to robust policy support, Virginia hosts the largest data center market in the world, with up to 70% of the world's internet traffic passing ...

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