



U S Virgin Islands vt power station price

How much does a kilowatthour of electricity cost on Virgin Island?

The average price of electricity paid by U.S. Virgin Island residents was about 41 cents per kilowatthour in early 2022, which was almost three times higher than the U.S. average power price of 15 cents per kilowatthour.

What is the Virgin Islands Energy Office?

The Virgin Islands Energy Office (VIEO) is focused on promoting sustainable energy policies in the Virgin Islands through clean energy production and distribution, energy efficiency, transportation, and energy consumption. It achieves this through outreach, financial incentives, training, and technical assistance.

What percentage of the US Virgin Islands' electricity generating capacity is solar?

In 2020, less than one-tenth of the U.S. Virgin Islands' electricity generating capacity was fueled by renewables, with about 80% of that capacity coming from customer-installed, small rooftop solar panel systems and about 20% from utility-scale solar energy facilities.

What is the primary source of energy in the USVI?

In the USVI, about 70% of all energy is provided by imported petroleum products, with 28 Distillate fuel oil and residual fuel being the main contributors. These petroleum products are primarily used for electricity generation and the production of drinking water supplies.

How much electricity does St. Thomas Island have?

The St. Thomas electric system, with about 175 megawatts of generating capacity, supplies electricity to St. Thomas, as well as both nearby St. John Island and Water Island, by underwater cables.

What is the USVI transportation electrification roadmap (roadmap)?

The USVI Transportation Electrification Roadmap is a plan outlining actions that support the accelerated adoption of plug-in electric vehicles (EVs) throughout the territory. The Roadmap for the United States Virgin Islands.

U.S. Virgin Islands U.S. Department of Energy Energy Snapshot Population Size 106,977 Total Area Size 350 Sq. Kilometers Total GDP \$3.98 Billion Gross Domestic Product (GDP) per Capita \$35,938 Share of GDP Spent on Imports 101% Urban Population Percentage 95.8% Population and Economy Installed Capacity 238 MW St. Thomas.138 MW St. Croix 100 MW

The U.S. Energy Information Administration states that at the start of 2022, U.S. Virgin Island residents paid an average of \$0.41 kW/h, down from \$0.47 kW/h in 2015. However, this was almost three times more than the average U.S. power price of ...



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The Virgin Islands SFA Program has the power to transform USVI's residential energy landscape, addressing residents' high electricity costs while creating new opportunities for energy resilience and reliable, affordable, clean power for communities most in need.

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4 · The U.S. Virgin Islands (USVI), part of the Leeward Islands of the Lesser Antilles, became a U.S. territory in 1917 and is located in the Caribbean Sea, about 1,100 miles southeast of Miami, Florida. 1,2 The USVI has no fossil energy reserves, but does have some renewable resources, particularly solar energy. 3,4,5 The USVI imports petroleum ...

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In 2023, propane generated almost three-fifths of the U.S. Virgin Islands' (USVI) electricity, fuel oil about two-fifths, and solar power supplied about 2%. The average price of ...

4 · Prices ; Electricity: US Virgin Islands: United States: Period: Residential NA 16.83 cents/kWh Sep-24 ... NA 8.51 cents/kWh Sep-24 Reserves ; Reserves: US Virgin Islands: United States: Period: Recoverable Coal 0 million short tons 273,244 million short tons 2023 Capacity: US Virgin Islands: United States ...

In comparison, the U.S. average price of electricity in December 2019 was approximately \$0.13/kWh for residential customers and \$0.10/kWh for commercial customers. In addition, cash flow challenges limit WAPA's ability to improve resiliency and operate reliably.

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kilowatthour. The high cost can be attributed to the heavy reliance on imported petroleum products for electricity generation.

4 · "When I look around here today, I see the Virgin Islands getting out of the river when it comes to energy problems." Under the Water and Power Authority's interconnection ...

In 2023, propane generated almost three-fifths of the U.S. Virgin Islands" (USVI) electricity, fuel oil about two-fifths, and solar power supplied about 2%. The average price of electricity paid by USVI residents was about 42 cents per kilowatthour at the end of 2023, which was almost three times higher than the U.S. average power price of 16 ...

4 · "When I look around here today, I see the Virgin Islands getting out of the river when it comes to energy problems." Under the Water and Power Authority's interconnection agreement, WAPA will buy power generated by the solar farm at nearly 11 cents per kilowatt-hour and excess energy stored in the site's batteries will be sold to the utility at 5.45 cents per kilowatt-hour.

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