



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.

Who is the Premier of the Virgin Islands?

Honourable Andrew A. Fahie is the Premier of the Virgin Islands. His Excellency the Governor, Mr. Augustus Jaspert, appointed him after his Virgin Islands Party (VIP) gained a majority of the seats of elected members of the House of Assembly.

Do St Thomas and St Croix have electricity?

As of late 2014, both St. Thomas and St. John were served by one electrical grid run by the Virgin Island Water and Power Authority (WAPA). St. Croix, however, has a separate electrical grid in the WAPA service area. More than 1,000 distributed renewable energy systems were connected to the WAPA grid.

How does oil affect the cost of electricity in the USVI?

The USVI, like many island nations, is heavily reliant on fossil fuels for electricity generation. This reliance leaves the USVI vulnerable to global oil price fluctuations, which directly impact the cost of electricity. Assumes an average electricity price of \$0.50/kWh and consumption of 767.4 gigawatt-hours (GWh).

How much energy can St Croix generate from biomass?

St. Croix has a moderate potential to generate 3 MW to 5 MW of energy from biomass due to the majority of the island being covered with forest. Landfill gas also has an expected capacity of about the same.

What is the cost of wind energy in St. Croix?

The cost of wind energy in St. Croix ranges from \$0.08 to \$0.14 per kWh. The localized cost of energy from utility-scale wind projects ranges from this amount. St. Croix has moderate potential to generate 3 MW to 5 MW of energy from biomass because the majority of the island is covered with forest. Landfill gas has an expected capacity of about the same.

# U S VIRGIN ISLANDS PREMIERENERGY



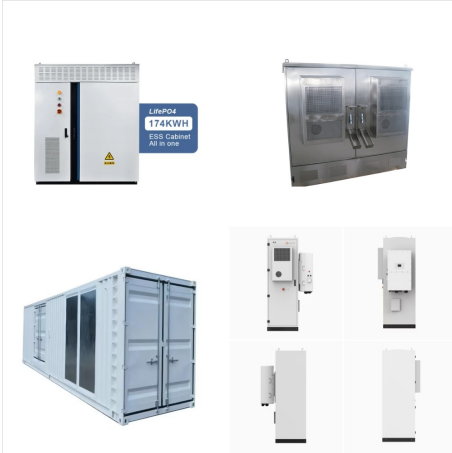
This U.S. Department of Energy (DOE) Office of Energy Efficiency and Renewable Energy (EERE) fact sheet highlights a June 2012 solar power purchase agreement between the Virgin Islands Water and Power Authority and three corporations.



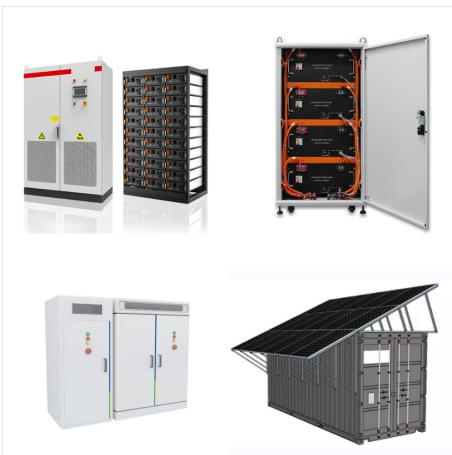
Power generation in the U.S. Virgin Islands has been challenging due to aging infrastructure that has resulted in reduced efficiency, increasing emissions levels and more frequent maintenance. These issues in turn have caused more downtime and higher cost of ???



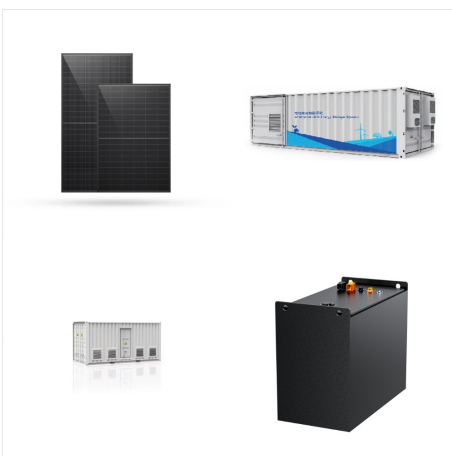
The U.S. Virgin Islands (USVI) includes the three main islands of St. John, St. Thomas, and St. Croix. The U.S. territory has a population of about 87,000 000 (U.S. Census Bureau 2022), and the primary industry is tourism (CIA 2023) . USVI is highly reliant on fossil fuel for their energy and all fuels are imported.



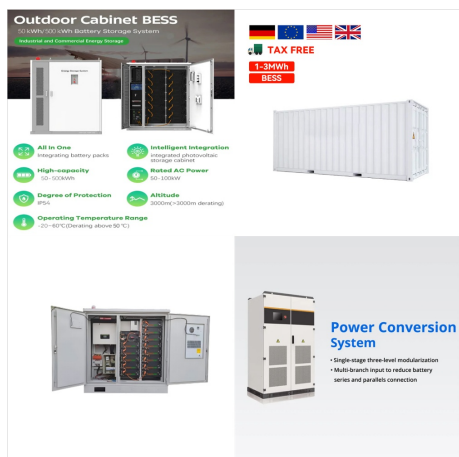
Welcome to VIElectron, a CB Loranger Company and pioneer in renewable energy development since 1994, headquartered in the U.S. Virgin Islands. With over 28 years of experience, we've cultivated the expertise and resources necessary to lead innovative projects.



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In a groundbreaking collaboration, CB Loranger Companies, operating as VIElectron, has joined forces with Honeywell and the U.S. Virgin Islands Water and Power Authority. This transformative partnership aims to implement cutting-edge Battery Energy Storage Solutions (BESS) across six strategically positioned solar parks in the U.S. Virgin Islands.



The Virgin Islands Energy Office (VIEO) develops and delivers policies and programs designed to support the growth and sustainability of clean, resilient, reliable energy production and distribution in the Virgin Islands in order to create an affordable energy future for all residents, businesses, communities, and institutions.



U.S. Virgin Islands This profile provides a snapshot of the energy landscape of the U.S. Virgin Islands (USVI)???St. Thomas, St. John, and St. Croix. The Virgin Islands archipelago makes up the northern portion of the Lesser Antilles and the western island group of the Leeward Islands, forming the border between the Atlantic Ocean and the Caribbean



U.S. Virgin Islands APR Energy's modern, utility-grade technology replaced aging infrastructure to help improve efficiency and reliability. MODERN TECHNOLOGY When Hurricane Maria hit the islands in 2017, APR Energy was one of the only power sources on the island that remained online, injecting critical power into the grid. CONSISTENT



Honeywell announced it will provide VIElectron, a CB Loranger Company, its first installment of battery energy storage solutions (BESS) to six solar parks strategically positioned across the U.S. Virgin Islands.