

Power Distribution in Vanuatu



Overview

Vanuatu's electricity mix includes 75% Unspecified Fossil Fuels, 13% Solar and 13% Hydropower. Low-carbon generation peaked in 2019. It is a basic measure of biomass productivity. The chart shows the average NPP in the country (tC/ha/yr), compared to the global average NPP and to developing areas. Energy self-sufficiency has been defined as total primary energy production divided by total primary energy. This allows you to compare specific countries you might be interested in, and measure progress against others. In the energy domain, there are many different units thrown around — joules, exajoules, million tonnes of oil equivalents, barrel equivalents, British thermal units, terawatt-hours, etc. for the period from 2016 to 2021. The Authority provides statistical information/data via charts and graphs for the electricity concession areas of Port Vila where UNELCO1 is the operator, Lakatoro (Malekula) and Tanna (Lenakel) where the Department of Energy2 (DoE) is operating, Ambae, Vanua Lava. ESPIRITU SANTO, VANUATU (8 August 2024) — The Asian Development Bank (ADB) today joined the Government of Vanuatu and members of the Santo Community in the commissioning ceremony for the Santo transmission line component of the ADB-supported Vanuatu Energy Access Project (VEAP). The majority of Vanuatu's electricity still comes from fossil fuels. 6Wresearch actively monitors the Vanuatu Power Transmission and Distribution Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, and forecast outlook. Our insights help businesses to make data-backed strategic decisions with ongoing.



Article Content

Hot

ADB, Vanuatu Commission Brenwe Hydropower Plant

ADB joined the Government of Vanuatu and members of the Malekula community in commissioning the Brenwe hydropower plant and transmission and distribution line extension in

Dec 15, 2025 Hot

Vanuatu Electricity Generation Mix 2023 | Low-Carbon

The majority of Vanuatu's electricity still comes from fossil fuels, contributing to both air pollution and climate change issues. In terms of clean, low-carbon energy,

Dec 12, 2025 Hot

ADB, Vanuatu Commission Transmission Line Extension to Bring ...

"As more households are connected, sustainable power will be delivered to residents and businesses on the island spurring economic activity." The 45 kilometers of new transmission and

Jul 13, 2025 Hot

ADB, Vanuatu Commission Transmission Line Extension to Bring ...

The first component was the construction of the 400-kilowatt Brenwe hydropower plant and around 40 kilometers of transmission and distribution lines in Malekula. The hydropower plant is

Dec 13, 2025 Hot

Road Map Booklet Latest Final with Changes dated 31-08-2016 with

North East Malekula Rural Electrification Project Vanuatu Rural Electricity Project (VREP) Phase 1 (Off-grid households and public facilities) Kawene 1.5MW grid-connected solar facility, Efate Loltong

Mar 23, 2026 Hot

ELECTRIFICATION IN VANUATU

This NAMA on Rural Electrification in Vanuatu through electrification with Renewable Energies is designed as an encouraging holistic framework that will help Vanuatu to move towards a low-carbon

Mar 16, 2026 Hot

Vanuatu Electricity Statistics

Electricity generation and consumption, imports and exports, nuclear, renewable and non-renewable (fossil fuels) energy, hydroelectric, geothermal, wind, solar energy ...

Jul 12, 2025 Hot

Energy transitions in the Pacific, one island at a time: The case of ...

The Government of Vanuatu is entitled to take over the rights and obligations of the concessionaire and take possession of all land and facilities necessary for the production and

Oct 16, 2025 Hot

VANUATU MONTHLY ENERGY MARKET SNAPSHOT OF JULY

4 Vanuatu Utilities Infrastructure supplies electricity in Luganville and Port Olry (Santo), Sola (Banks) and Talise (Maewo). 5 The Department of Energy (DoE) supplies electricity in the Tanna and

Mar 09, 2026 Hot

Vanuatu edges closer to 100% renewable energy with new On-Grid ...

As part of the Government's ongoing efforts to operationalise Vanuatu's Nationally Determined Contributions (NDC), stakeholders active in the energy space convened in Port Vila to

Jun 26, 2026 Hot

ONSHORE RENEWABLE ENERGY POTENTIAL INTRODUCTORY BRIEF VANUATU

JANUARY 2023 This brief highlights the existing and potential electricity generation from different onshore renewable energy sources (onshore RES) in Vanuatu given the geographic context of this

Aug 05, 2025 Hot

World Bank Open Data | Data

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Apr 06, 2026 Hot

Santo Transmission Line Extension to Bring Electricity to Rural ...

The 45 km of new transmission and distribution lines from Turtle Bay to Port Olry in Santo are part of the second project component completed under the project. The Asian Development Bank (ADB) joined

Oct 18, 2025 Hot

Graph 1: Electricity Sources

Electricity source The graph below shows the different types of energy sources used to produce electricity in Vanuatu during the month of August 2021. The main energy source was diesel

Mar 06, 2026 Hot

The Utilities Regulatory Authority of Vanuatu

The Utilities Regulatory Authority of Vanuatu The independent Regulator of electricity and water services in the Republic of Vanuatu

Mar 15, 2026 Hot

ENERGY PROFILE Vanuatu

primary energy supply. Energy trade includes all commodities in Chapter 27 of the armonised System (HS). Capacity utilisation is calculated as annual generation divided by year-end

Feb 04, 2026 Hot

Energy Services Vanuatu

Effective energy distribution is essential for reaching Vanuatu's communities safely and consistently. Cetelnet's energy distribution services focus on scalability, safety, and adaptability to meet the

Sep 23, 2025 Hot

Vanuatu Electricity Generation Mix 2023 | Low-Carbon

Vanuatu's electricity mix includes 75% Unspecified Fossil Fuels, 13% Solar and 13% Hydropower. Low-carbon generation peaked in 2019.

Feb 20, 2026 Hot

Power to the people in Vanuatu

Vanuatu is providing a one-time investment subsidy to poor families to allow them to connect to electricity grids. 75% of homes in Vanuatu still do not have electricity access. The two key reasons

Mar 04, 2026 Hot

Electricity Generation Factsheet 2014

This report was prepared by the Utilities Regulatory Authority and contains information about electricity generated in concession areas (Port Vila town on the island of Efate, Luiganville

Feb 14, 2026 Hot

Electricity Fact Sheet

Figure 3 illustrates the consolidated energy mix in Vanuatu for all concession areas operated by UNELCO and VUI. Energy from thermal source continued to dominate the share of the energy mix in

Jan 13, 2026 Hot

Vanuatu Power Transmission and Distribution Market (2025-2031)

6Wresearch actively monitors the Vanuatu Power Transmission and Distribution Market and publishes its comprehensive annual report, highlighting emerging trends, growth drivers, revenue analysis, and

Aug 04, 2025 Hot

Final Workshop Celebrates Vanuatu's National Electrification Master ...

Vanuatu advances toward universal energy access with a comprehensive electrification strategy, uniting local and international efforts. The final workshop for Vanuatu's National

Jul 15, 2025 Hot

Renewable energy brings communities in Vanuatu

As the country continues to harness the power of renewable energy, it sets a pathway for other small island states, showcasing the power community

Sep 23, 2025 Hot

Vanuatu's Electricity Fact She

Department of Energy took over the operation of Tanna and Malekula (Lakatoro) in July of 2020 after the concession contract between the Vanuatu Government and UNLECO expired in the same month.

Apr 14, 2026

Contact Us

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