

# Most efficient way to store electricity Vanuatu

How can Vanuatu improve energy security?

In Vanuatu there are resources to support hydro-, wind-, solar-, and geothermal-based electricity generation, which could reduce the reliance on imported diesel. In addition to improving energy security, this would contribute to a more sustainable energy supply.

How has Vanuatu changed its energy policy?

Revision of previous policy?: The updated NERM acts as the national energy policy. Since it was launched, Vanuatu's economy and energy sector have continued to develop. External events, such as Cyclone Pam in early-2015, have also shaped how energy sector policies and priorities are conceived.

Why is electricity usage increasing in Vanuatu?

Electricity tariff (as utility Investments). This may be a primary contributing factor in the consistent increase in residential customers, aligned as well with Government's policies. 9.2 Electricity usage in Vanuatu Figure 9 shows the growth in electricity usage by user classification as defined in Table 1. In 2021, all user groups experienced a decline.

What does the updated NERM mean for Vanuatu's energy sector?

The updated NERM acts as the national energy policy. Since it was launched, Vanuatu's economy and energy sector have continued to develop. External events, such as Cyclone Pam in early-2015, have also shaped how energy sector policies and priorities are conceived. The purpose of this document is to update the NERM to reflect recent developments.

Which electricity concession areas of Port Vila are operated by UNELCO1?

For the years 2017 to 2022. The Authority makes available through this Fact Sheet statistical information/data using 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 Energy

How has peak demand changed in Vanuatu?

Overall peak demand in Vanuatu has recorded the highest increase ever in 2018 (15.14 MW) but decreased by 0.4% in 2019 to 15.08 MW. The Luganville concession peak demand continues to grow consistently since 2017, whilst the Port Vila concession peak demand had decreased in 2019 by 1.60%.

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Establish an appropriate legal, regulatory, and institutional framework to support energy efficiency in Vanuatu (including Minimum Energy Performance Standards) [...] Build capacity to develop ...

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developments within the electricity concession areas in Vanuatu. 2 Executive Summary Overall, the electricity developments in the Concession areas are affected by the following changes in 2019 from the previous year (2018): Available electricity generation sources in Vanuatu is

energy sector through action in five priority areas: accessible energy, affordable energy, secure and reliable energy, sustainable energy (including energy efficiency) and green growth. This ...

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Following extensive consultations since April 2024, stakeholders informed as well as validated the Investment Strategy as well as the following Concept Note pathways, as the on-grid electricity interventions required to advance Vanuatu's renewable energy transition efforts;

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which provides an overview of Vanuatu's electricity market for the years 2017 a combined installed capacity of 8.8 kW. This project to 2022. The Authority makes available through this Fact Sheet statistical information/data using charts and graphs for the electricity concession areas of Port Vila where UNELCO1 is the

readers useful information about the electricity market in Vanuatu. 3 Generation installed capacity in Vanuatu. Total installed capacity of the available generation resources in Vanuatu as at end of 2021 stood at 33.26MW compared to 31.95MW at the end of 2016, -as shown in Figure 1 below.

Establish an appropriate legal, regulatory, and institutional framework to support energy efficiency in Vanuatu (including Minimum Energy Performance Standards) [...] Build capacity to develop energy efficiency programmes, undertake energy audits, and ...

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energy sector through action in five priority areas: accessible energy, affordable energy, secure and reliable energy, sustainable energy (including energy efficiency) and green growth. This paper examines the barriers and opportunities to improving energy efficiency in Vanuatu, and recommends energy efficiency policies and measures that

Communities can now store their food for later use or for sale. A reliable source of electricity will also be available for workshop repairs, storage of vaccine in health centers, and good lighting for maternal care. In Utanlangi community, feedback on the recently-installed community-scale solar PV system is quite remarkable.

Vanuatu's National Energy Road Map (NERM) 2016-2030<sup>1</sup>, concluded that energy demand in Vanuatu could more than double between 2015 and 2030. This growth is expected to be driven largely by commercial and industrial sectors, followed by residential uptake. The report further estimated that by 2030, almost



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