

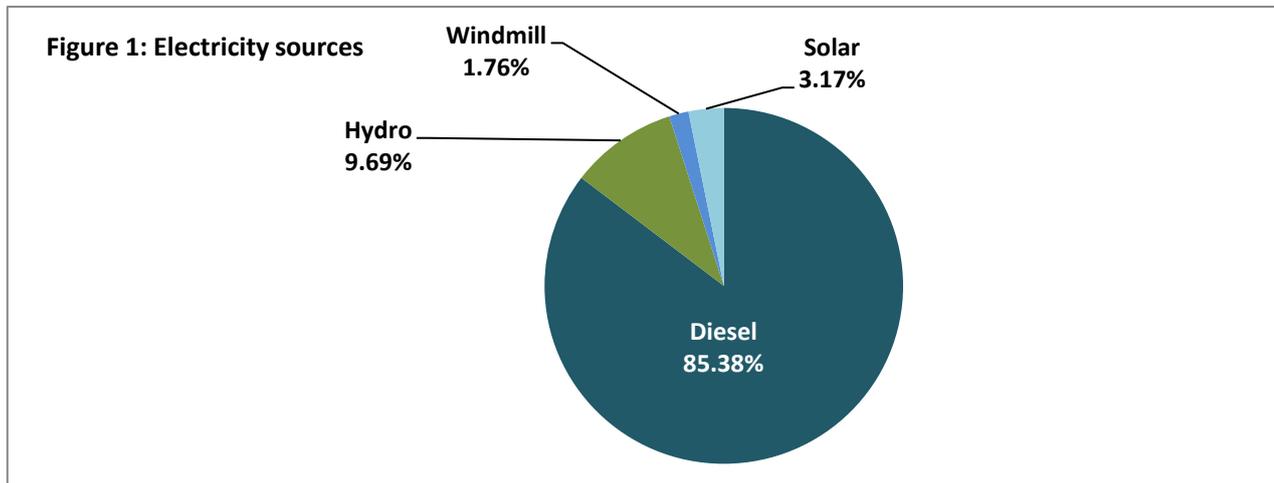
## VANUATU MONTHLY ENERGY MARKET SNAPSHOT OF MARCH 2025

### Overview of the Month

This report issued by the Utilities Regulatory Authority (the Authority) provides an electricity market update in Vanuatu for the month of March 2025 for electricity utilities that are regulated by the Authority. While total power generated has slightly increased by 9.29% from February 2025, power sales had increased by 24.57%. There was some growth in wind energy and solar energy contributions during the month, hydro remained steady. Diesel remained the dominant generation source, supplying 85.38% of electricity. Fuel prices during the month held steady for Efate and Santo but increased in Malekula and Tanna. Electricity tariffs for the month stood at 60.93 Vatu/kWh for UNELCO and 61.36 Vatu/kWh for VUI Ltd.

### Electricity Source

Figure 1 illustrates the market share of various energy generation sources used by regulated utilities in Vanuatu for the reporting month. Diesel remained the dominant generation source, accounting for 85.38% of total on grid electricity produced during the month. Hydro power plants in Santo (Sarakata) and Maewo (Talise) contribute to a combined 9.69% share, followed by solar energy, generated from panels in Efate, Luganville (Santo), Lakatoro (Malekula), and Lenakel (Tanna), represents a total share of 3.17% whilst windmill power on Efate contributes only 1.76%.



### Electricity Generation by Area

The top part of Table 1 below shows the total energy production from all available energy sources and the total quantity of diesel used to generate electricity in each service area during the month. The bottom part of the table reveals the respective contributions in % from the available energy generation sources in each service area<sup>1</sup>.

**Table 1: Generation Mix by Electricity Grid**

Mar-25	Efate	Luganville, Santo	Malekula- Lakatoro*	Tanna*	Ambae	Vanua Lava	Maewo	Lorlow & Wintua, Malekula	Port Olry, Santo
Total kWh Produced	5,392,894	622,831	127,591	160,191	19,635	7,355	6,281	8,629	-
Litres of diesel used	1,276,000	146,999	38,673	44,390	6,552	2,825	-	400	-
Diesel %	94.3%	46.0%	100.0%	100.0%	100.0%	100.0%	0.0%	50.0%	0.0%
Copra oil %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Hydro %	0.0%	53.9%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
Wind %	2.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Solar %	3.6%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	50.0%	0.0%

\*The Malekula (Lakatoro) Hydro contribution is nil as the hydro plant was not operating. This was confirmed by the Authority after a site visitation. Port Olry network has been integrated/connected to Luganville grid hence there were no records shown.

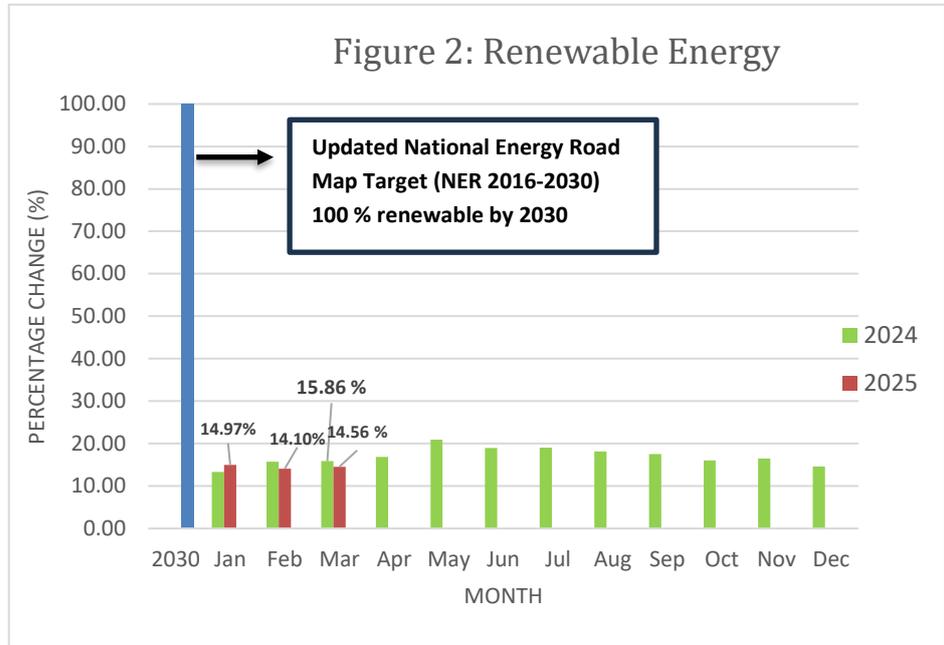
<sup>1</sup> The Wintua and Lorlow (operated by the Wintua/ Lorlow Electrical Cooperative) data was also projected based on 2022 data. The Authority is working closely with the operator to provide updated monthly data going forward.

**Renewable Energy Generation**

Figure 2 on the right presents the portion of electricity generated from renewable energy (RE) sources<sup>2</sup> during the month in Vanuatu. The 2024 renewable energy contributions can be compared with the year-to-date (YTD) renewable proportions for 2025.

The graph indicates an increase of renewable energy contribution in this month due to increase in solar and wind energy production. RE percentage in March 2024 is higher than that of March 2025.

Figure 2 also provides 'Vanuatu's renewable electricity generation' target as per Vanuatu's Nation Sustainability Development Plan 2016 -2030 (NSDP).



**Number of customers**

Table 2 outlines the number of customers in different electricity network in Vanuatu.

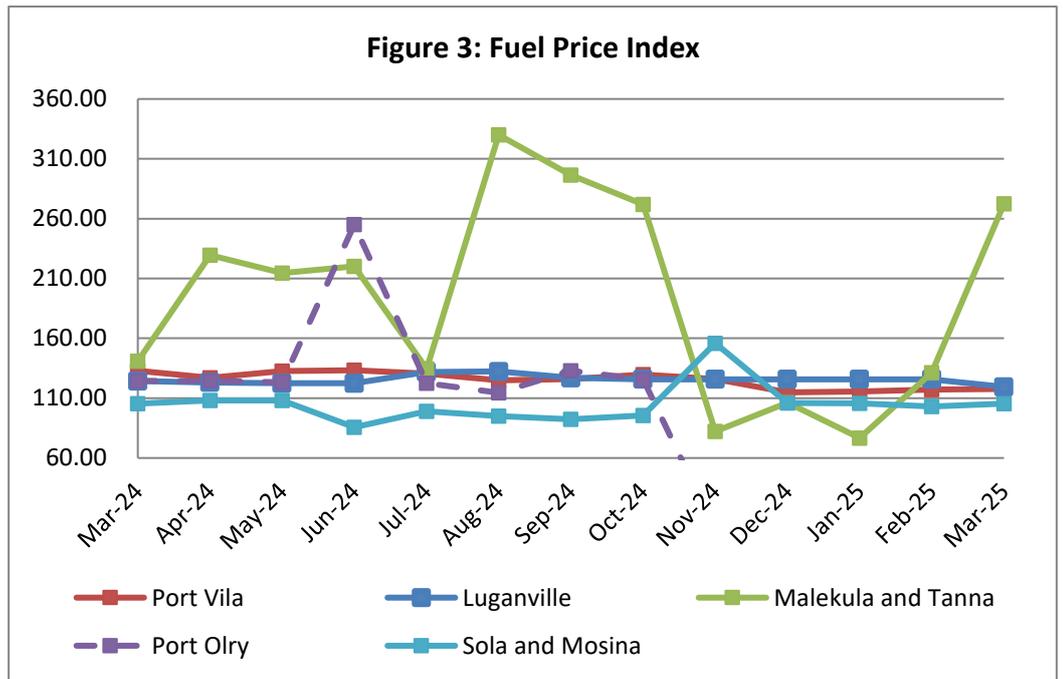
Table 2: Customer numbers per electricity network area

Jan-25									
Electricity Network	Port Vila	Luganville	Tanna	Malekula	Port Olry	Talise (Maewo)	Ambae	Vanua Lava	Wintua-Lorlow
Total active customers	17,525	3,836	1,338	1,128	318	215	126	120	121
Feb-25									
Electricity Network	Port Vila	Luganville	Tanna	Malekula	Port Olry	Talise (Maewo)	Ambae	Vanua Lava	Wintua-Lorlow
Total active customers	17,521	3,856	1,338	1,128	315	217	125	124	121
Mar-25									
Electricity Network	Port Vila	Luganville	Tanna	Malekula	Port Olry	Talise (Maewo)	Ambae	Vanua Lava	Wintua-Lorlow
Total active customers	17,544	3,848	1,338	1,128	310	216	128	124	121

**Fuel cost index**

Figure 3, on the right presents the movement in fuel price index. It shows the price per liter of diesel and the evolution or movement of fuel prices in March 2024 to March 2025. The index point is updated to start 100 points in January 2020 to cater for electricity service areas that their operational data becomes available thereafter.

Fuel prices in Port Vila (Efate) and Luganville (Santo) show minimal fluctuation, maintaining a steady trend throughout the year. Meanwhile, the average fuel index for Malekula and Tanna saw a significant increase. As for Port Olry, there is no data available since Port Olry mini grid is now connected to the Luganville grid.



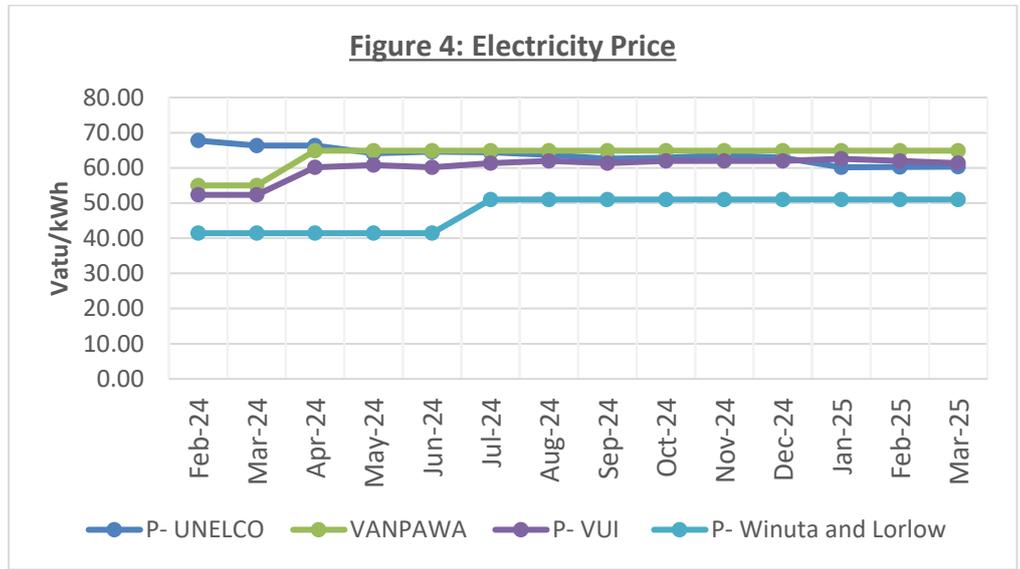
<sup>2</sup> Renewable sources include copra oil, hydro, solar and wind.

**Electricity Price**

UNELCO<sup>3</sup> tariff for the month of January 2025 is 60.93 Vatu/kWh.

VUI<sup>4</sup>, VANPAWA<sup>5</sup> and the Wintua/Lorlow electrical Cooperative's<sup>6</sup> applicable tariff in Vatu/kWh of the reporting month is 61.36, 64.89 and 51, respectively.

UNELCO and VUI's actual operational parameters for a reporting month are typically utilized to compute electricity tariff for the following month.

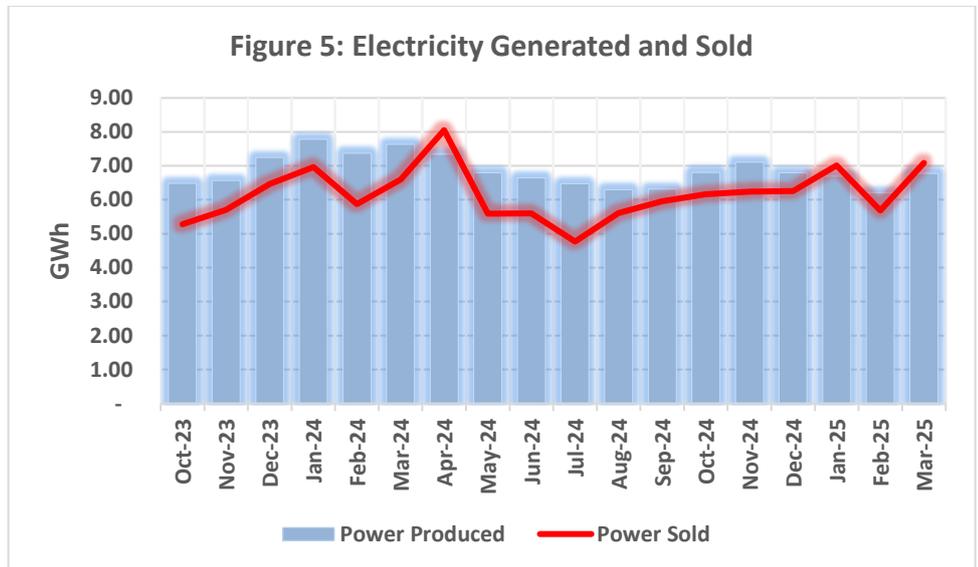


**Total Electricity Generated and Sold**

Total power produced increased by 9.29% from preceding month; Comparing it with the equivalent month in previous calendar year, the total power generated had decreased by 11.25%.

Total power sold during the month has increased by 24.57% from the previous month. Comparing it with the same month in 2024 total power sold increased by 7.37%.

Changes in power produced and sold are dependent on electricity consumption and power losses during the reporting month.



The data utilized in creating this monthly energy snapshot does not include electricity production outside of a concession agreement or MOU.



**About the Utilities Regulatory Authority (URA)**

The URA is the independent economic regulator for water and electricity services in Vanuatu, established by the URA Act no. 11 of 2007 with amendments.

As part of its functions, the Commission is monitoring the provision of electricity and water by utility companies and public services, promoting access and the long-term interest of the customers.



The URA welcomes suggestions and feedback. Please call us if you have any questions on (678) 23385 or visit to any office at the Office of the Utilities Regulatory Authority, the URA Compound, Corner Pierre Lamy & Andre Ballande Street, Port Vila, Vanuatu.

<sup>3</sup> Union Electrique du Vanuatu, <<UNELCO Engie>>, supplies electricity in Port Vila

<sup>4</sup> Vanuatu Utilities & Infrastructure Limited supplies electricity in Luganville and Port Olry (Santo), Sola & Mosina (Vanua Lava), Saratamata, Lolowai & Longana (Ambae) and Talise (Maewo).

<sup>5</sup> VANPAWA Limited is a newly established electricity operator that supplies electricity in the Tanna and Malekula concessions since May 2023.

<sup>6</sup> Wintua/Lorlow cooperative is operating the newly established Solar grid at Wintua and Lorlow in Malekula. For more information visit the Department of Energy's website ([www.doe.gov.vu](http://www.doe.gov.vu))