

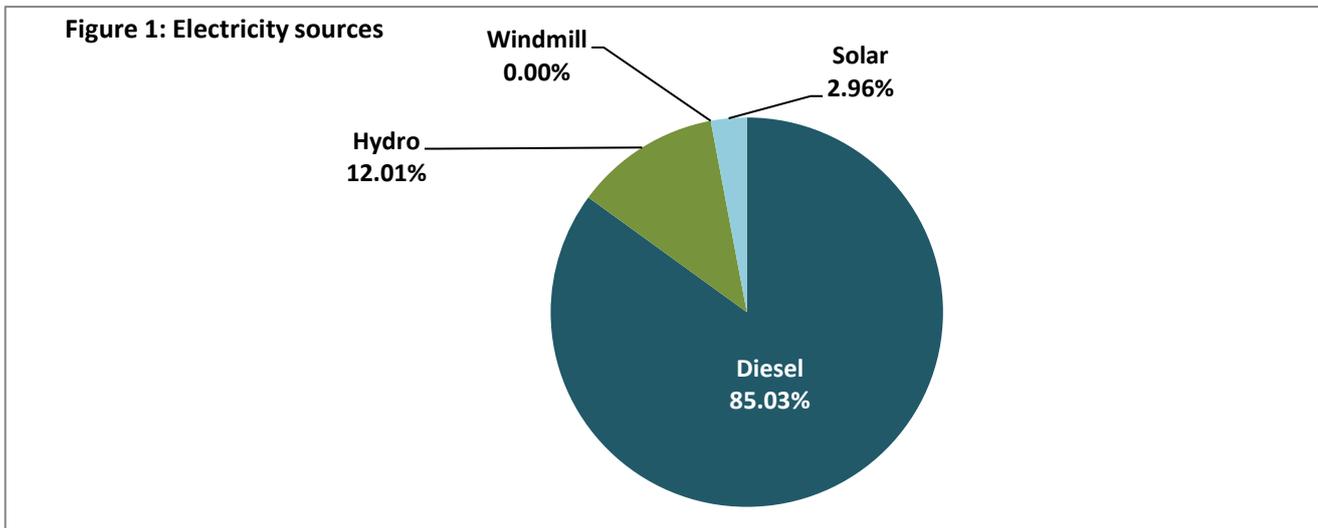
VANUATU MONTHLY ENERGY MARKET SNAPSHOT OF JANUARY 2025

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 January 2025 for electricity utilities that are regulated by the Authority. While total power generated has slightly declined by 4.53% from December 2024, power sales had increased by 9.02%. There were no wind energy contributions during the month, while solar and hydro saw significant growth. Diesel remained the dominant source, supplying 85.03% of electricity. Fuel prices held steady for Efate and Santo but have increased in Malekula and Tanna. Electricity tariffs for the month stood at 60.22 Vatu/kWh for UNELCO and 61.97 Vatu/kWh for VUI.

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 source, accounting for 85.03% of total electricity production. Hydro power plants in Santo (Sarakata) and Maewo (Talise) contribute to a combined 12.01% share, followed by solar energy, generated from panels in Efate, Luganville (Santo), Lakatoro (Malekula), and Lenakel (Tanna), represents a total share of 2.96% while 0% contribution from windmill on Efate.



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 area¹.

Table 1: Generation Mix by Electricity Grid

Jan-25	Efate	Luganville, Santo	Malekula- Lakatoro*	Tanna*	Ambae	Vanua Lava	Maewo	Lorlow & Wintua, Malekula	Port Olry, Santo
Total kWh Produced	5,398,946	792,866	139,577	157,663	15,500	7,575	6,878	8,046	-
Litres of diesel used	1,345,000	130,028	43,935	39,560	5,740	3,316	-	-	-
Diesel %	96.5%	36.2%	100.0%	100.0%	100.0%	100.0%	0.0%	0.0%	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%	63.7%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%
Wind %	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Solar %	3.5%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	100.0%	0.0%

*The Malekula (Lakatoro) Hydro contribution is nil as the hydro plant was not operating. Port Olry network has been integrated/connected to Luganville grid hence there were no records shown.

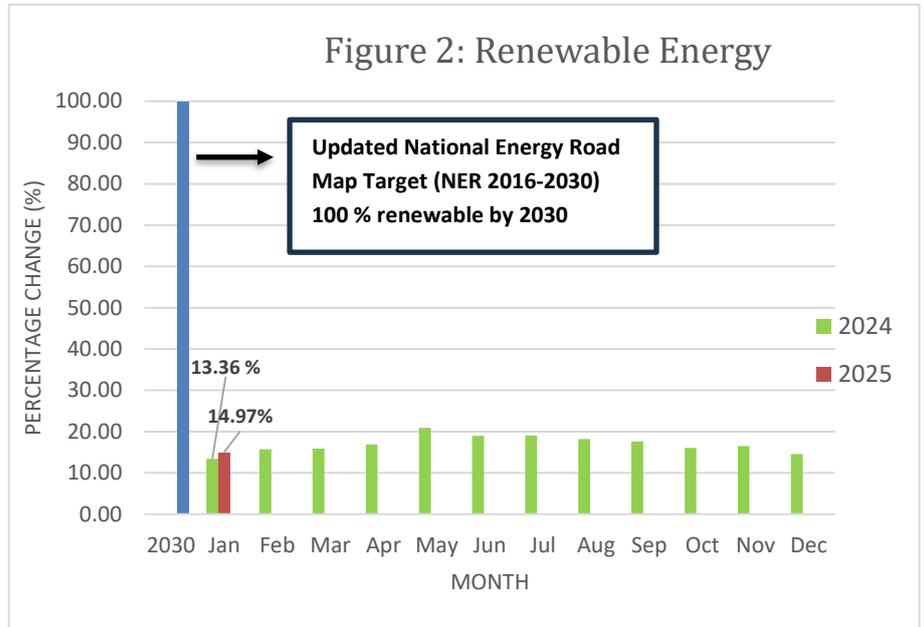
¹ The Wintua and Lorlow (operated by the Wintua/ Lorlow Electrical Cooperative) data was also projected based on 2022 data. The Authority is working closely with the operator to provide updated monthly data going forward.

Renewable Energy Generation

Figure 2 on the right presents the portion of electricity generated from renewable energy (RE) sources² 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 renewable energy contribution saw a sharp decline this month due to reduced windmill production. However, RE percentage in January 2024 is lower than that of January 2025.

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



Number of customers

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

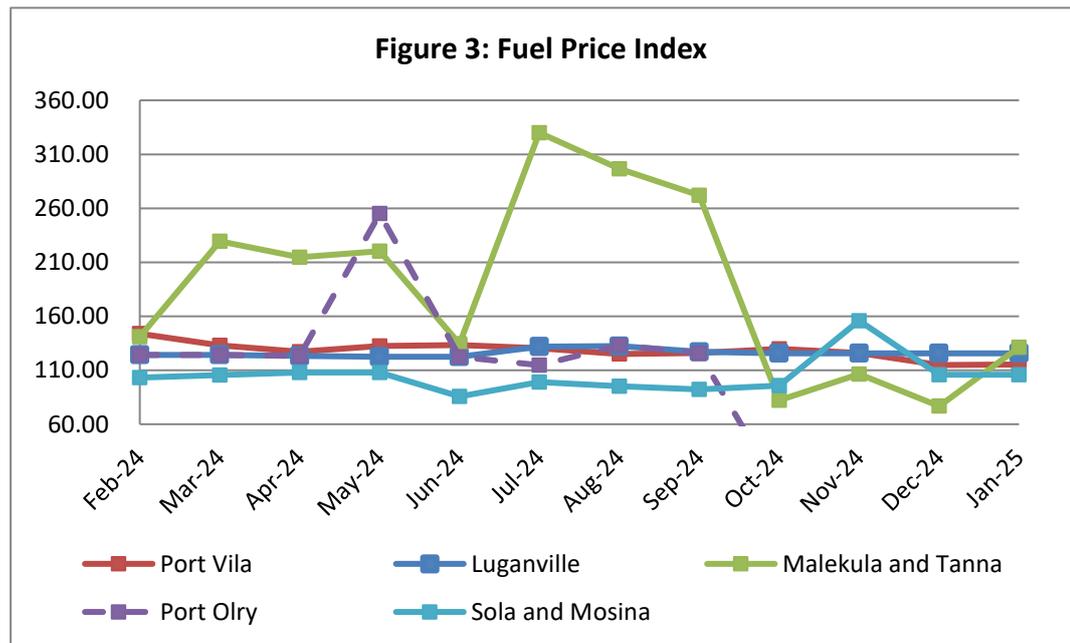
Table 2: Customer numbers per electricity network area

Nov-24									
Electricity Network	Port Vila	Luganville	Tanna	Malekula	Port Olry	Talise (Maewo)	Ambae	Vanua Lava	Wintua-Lorlow
Total active customers	17,523	3,827	1,351	1,087	317	207	130	124	121
Dec-24									
Electricity Network	Port Vila	Luganville	Tanna	Malekula	Port Olry	Talise (Maewo)	Ambae	Vanua Lava	Wintua-Lorlow
Total active customers	17,605	3,854	1,338	1,128	312	213	135	122	121
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

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 price in February 2024 to January 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.



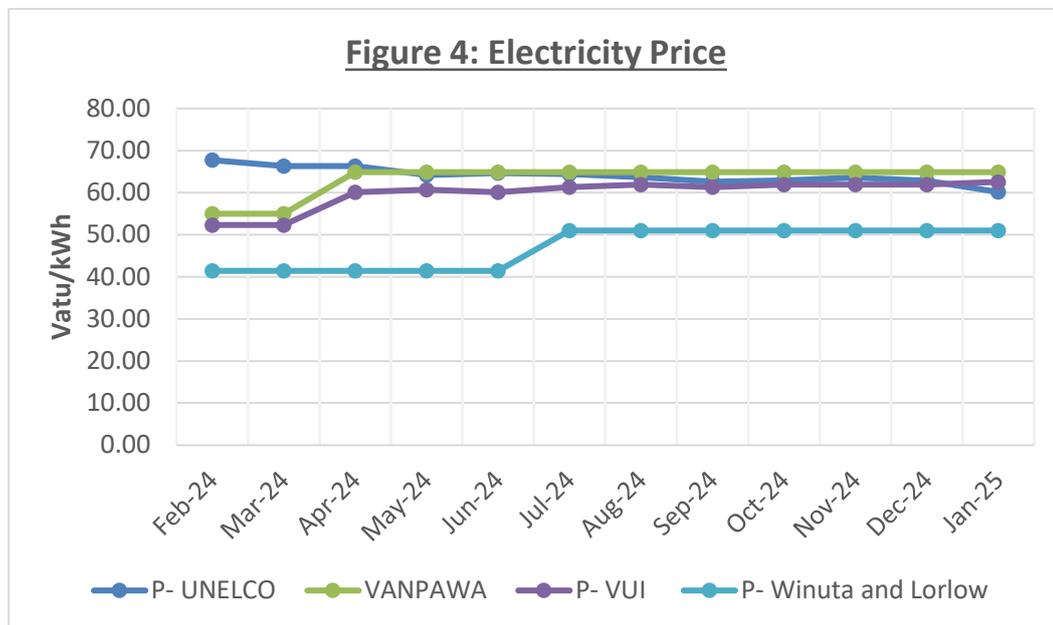
² Renewable sources include copra oil, hydro, solar and wind.

Electricity Price

UNELCO³ tariff for the month of January 2025 is 60.22 Vatu/kWh.

VUI⁴, VANPAWA⁵ and the Wintua/Lorlow electrical Cooperative's⁶ applicable tariff in Vatu/kWh of the reporting month is 61.97, 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.

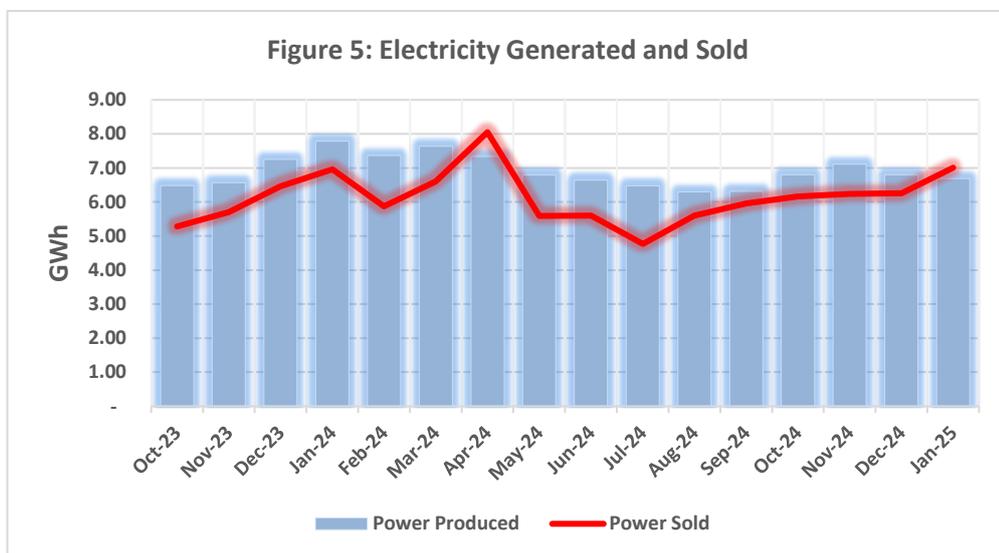


Total Electricity Generated and Sold

Total power produced decreased by 1.54% from preceding month; Comparing it with the equivalent month in previous calendar year, the total power generated had decreased by 14.03%.

Total power sold during the month has increased by 11.96% from the previous month. Comparing it with the same month in 2024 total power sold increased by 0.71%.

Changes in power produced and sold are entirely 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.

Please call us if you have any question on (678) 23335 or visit our office at the Office of the Utilities Regulatory Authority, VNPF Compound, Corner Pierre Lamy & Andre Ballande Street, Port Vila, Vanuatu.

The URA welcomes suggestions and feedback from readers of this monthly energy snapshot report. Any readers desiring to seek clarification of this report are encouraged to contact the URA.

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

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

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

⁶ 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)