

VANUATU MONTHLY ENERGY MARKET SNAPSHOT FOR OCTOBER 2025

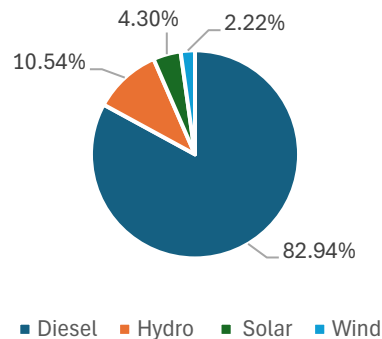
Overview of the Month

This report is officially issued by the Utilities Regulatory Authority (URA) to present an overview of the electricity market for the electricity utilities regulated by URA for the month of October 2025. During this reporting period, total power produced increased by 9.2% while total power sold decreased by 2.7%¹. Diesel is still the main source of electricity, accounting for 82.94% followed by hydro power contributing 10.54%, and Solar Energy 4.30%. In this reporting month, fuel prices for Efate and Malekula decreased by 2.7% and 0.4% respectively, Tanna recorded an increase of 0.4% whilst Santo remains unchanged. The electricity prices for the regulated utilities for this reporting month were as follows: UNELCO (60.13 vatu/kWh), VUI (55.28 vatu/kWh), VANPAWA (68.75 vatu/kWh) and the Lorlow and Wintua -Malekula (67 vatu/kWh).

Electricity Source

Figure 1 shows the market share of energy generation sources used by the utilities in Vanuatu for the reporting month. As shown in the graph (Figure 1), diesel is still the main electricity source contributing to about 82.94% of the total on-grid electricity during the month. Hydro power plants from Santo (Sarakata), Malekula(Brenwei) and Maewo (Talise) contributed 10.54%, while solar energy generated from panels in Efate, Luganville-Santo, Tanna, Ambae and Malekula (Lorlow/Wintua) accounts for 4.30%. The remaining 2.22% comes from the windmill power in Efate.

Figure 1: Electricity Sources



Electricity Generation by Area

Table 1 shows the total electricity (kWh) produced, diesel used (liters) and the percentage contribution of each electricity generation source for each service area.

¹ The Authority is estimating the monthly power sales for UNELCO as the data will only become available at the end of the year

Table 1: Generation Mix by Electricity Grid

	Efate	Luganville, Santo	Malekula- Brenwei	Tanna*	Ambae	Vanua Lava	Maewo	Lorlow & Wintua, Malekula
Oct-25								
Total kWh Produced	5,693,675	1,230,995	122,579	168,123	19,013	8,905	6,687	7,393
Litres of diesel used	1,234,400	161,220	15,004	46,640	5,810	3,556	-	430
Diesel %	92.0%	43.8%	37.8%	98.6%	77.7%	100%	-	37.3%
Hydro %	-	55.7%	62%	-	-	-	100%	-
Solar %	5.2%	0.5%	-	1.4%	22.3%	-	-	62.7%
Wind %	2.8%	-	-	-	-	-	-	-
Copra oil %	-	-	-	-	-	-	-	-

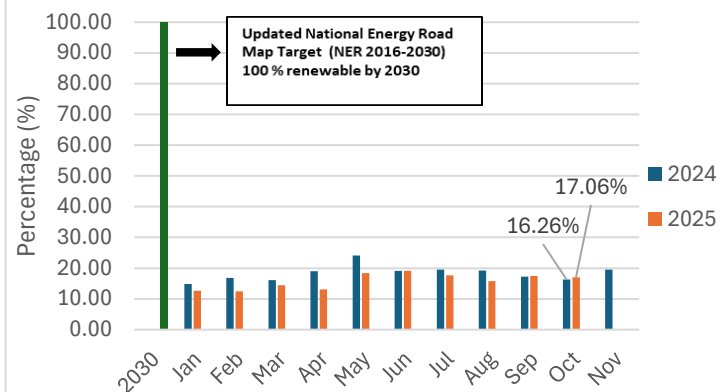
Renewable Energy Generation

Figure 2 on the right shows the portion of electricity that is generated from Renewable Energy (RE) sources² in Vanuatu during the month. It also compares the RE contribution for this reporting month of 2025 with the same month last year.

The graph shows a slight increase in renewable energy contributions this month, due to higher electricity generation from wind and hydro sources. Overall, RE percentage share for October 2025 is somewhat higher than that of October 2024.

Figure 2 also provides 'Vanuatu's renewable electricity generation' Target as stated in the Vanuatu's National Sustainable Development Plan 2016 to 2030 (NSDP).

Figure 2: Renewable Energy

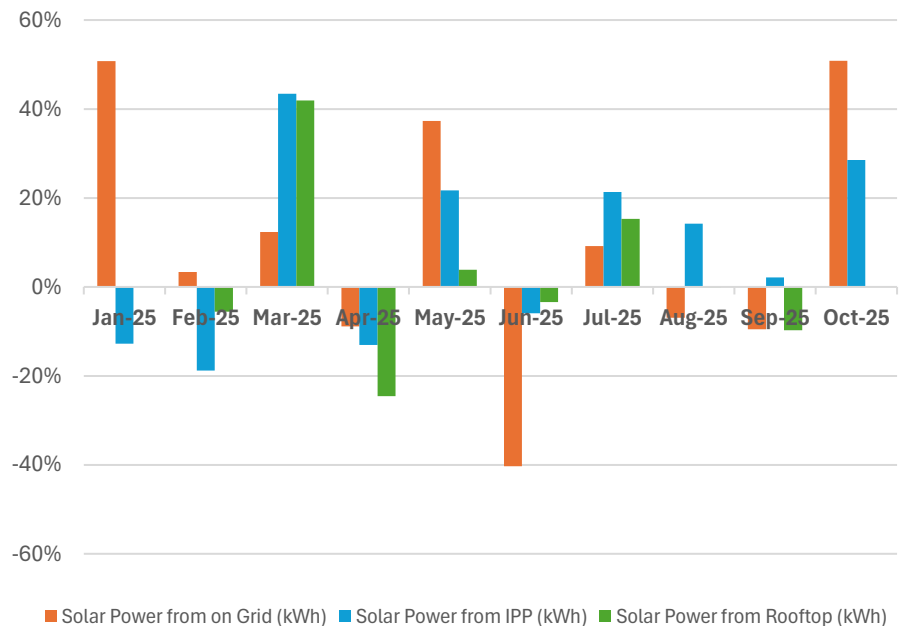


Solar power production by type

Solar power production in Vanuatu is grouped into three types: On-grid solar, solar from Independent Power Producers (IPPs) and Rooftop Solar Systems. According to the graph (Figure 3), On-grid solar, which connects directly to the main electricity grid, recorded an increase of 51% this month. Solar from IPPs-private producers selling power under purchase agreements increased by 29%, while Rooftop solar power generation remained unchanged this month.

Guided by section 4(3) of the Electricity Supply Act, a Solar Connection Charge was also introduced by URA in 2024 under section 18 of the URA Act. This is for VUI customers who have grid-tied solar panels that are connected to the electricity grid but do not send excess electricity back to the grid (Zero-export grid-tied solar PV systems).

Figure 3: Movement of Solar power production by type



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

Number of customers

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

Table 2: Customer numbers per electricity network area

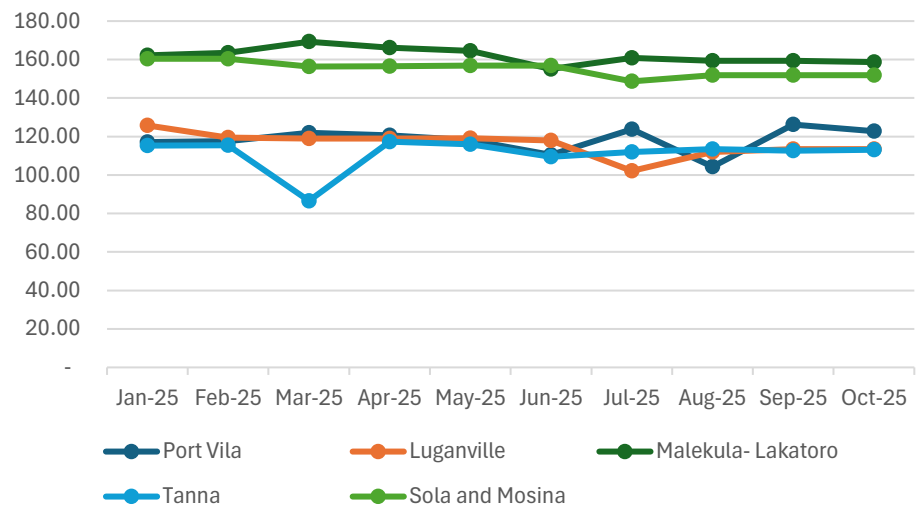
Oct-25								
Electricity Network	Efate	Luganville, Santo	Malekula- Brenwei	Tanna*	Ambae	Vanua Lava	Maewo	Lorlow & Wintua, Malekula
Total Active Customers	17,877	3,995	1,111	1,241	170	149	241	79

Fuel cost index

Figure 4 on the right presents the movement in fuel price index. It shows the price per litre of diesel and the movement in fuel prices from January 2025 to October 2025. The graph was set to start at 100 points in January 2020 because the operational data for some utilities regulated by URA only became available after that date.

During the month, fuel prices in Efate and Malekula decreased by 2.7% and 0.4% correspondingly, Tanna increases by 0.4%, whilst Santo remained unchanged this month.

Figure 4: Fuel Price Index

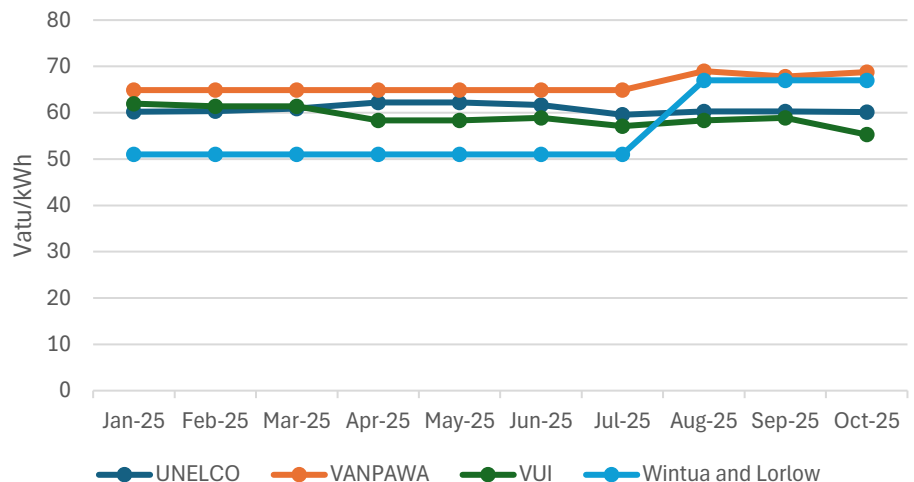


Electricity Price

UNELCO³ tariff for the month of October is 60.13 vatu/kWh. VANPAWA is 68.75 vatu/kWh, for VUI⁴ is 55.28 vatu/kWh and the Wintua/Lorlow electrical cooperatives⁵ applicable tariff for the reporting month is 67 vatu/kWh.

UNELCO and VUI's actual operational data for a reporting month are usually used to calculate electricity tariff for the next month.

Figure 5: Electricity Price



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).

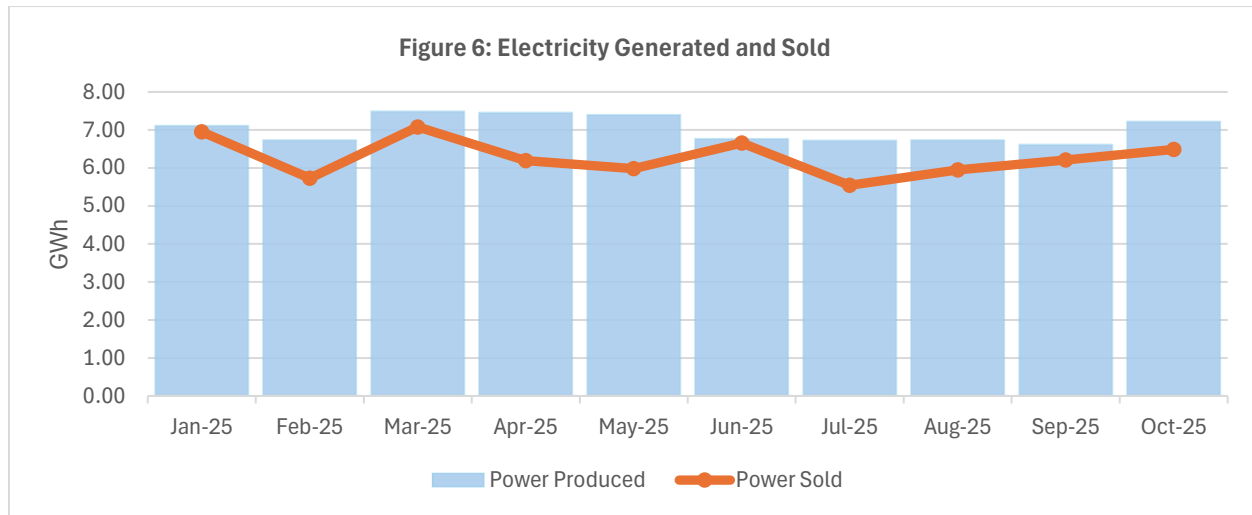
⁵ Wintua/Lorlow cooperative is operating the newly established Solar grid at Wintua and Lorlow in Malekula. For more information visit the Department of Energy's website (www.doe.gov.vu)

Total Electricity Generated and Sold

Total power produced increased by 9.2% from the previous month; comparing it with the same month last year, the total power generated has decreased by 0.9%.

Moving on, the total power sold has decreased by 2.7% from the previous month; In the same month last year, total power sold has increased by 1.6%.

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



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