VANUATU MONTHLY ENERGY MARKET SNAPSHOT FOR NOVEMBER 2025

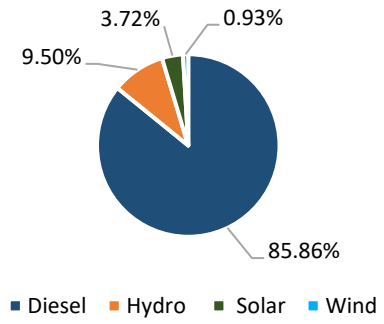
Overview of the Month

This report is officially issued by the Utilities Regulatory Authority (URA) to provide an overview of the electricity market for the electricity utilities regulated by URA for the month of November 2025. During this reporting month, total power produced decreased by 3.1% while total power sold increased by 8%[1]. Moving on, Diesel is still the main source of electricity, accounting for 85.86% of the total on-grid electricity. During the month, fuel prices in Port Vila and Malekula recorded an increase of 1% and 1.6% respectively. Tanna experienced a decrease of 0.3%, while Santo remains unchanged. UNELCO's tariff for this reporting period is 60.11 vatu/kWh. VUI is 55.28 vatu/kWh and for the Wintua/Lorlow electrical cooperatives is 67 vatu/kWh.

Electricity Source

Figure 1 illustrates the market share of various energy generation sources used by regulated utilities in Vanuatu for the reporting month. The chart below shows that diesel is still the main electricity source, producing about 85.86% of the total on-grid electricity during the month. Hydro power plants in Santo (Sarakata), Malekula (Brenwei), and Maewo (Talise) contributed 9.50%. Moving on, 3.72% comes from the Solar Energy generated from the solar panels in Efate, Luganville (Santo), Tanna, Ambae, and Malekula (Lorlow & Wintua), whilst the remaining 0.93% comes from windmill power in Efate.

Figure 1: Electricity Sources



Electricity Generation by Area

Table 1 below shows the total energy production (kWh) from all available energy sources, the total quantity of diesel (liters) used to generate electricity in each service area and the percentage contributions of each generation source for each service area during the month.

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

Table 1: Generation Mix by Electricity Grid

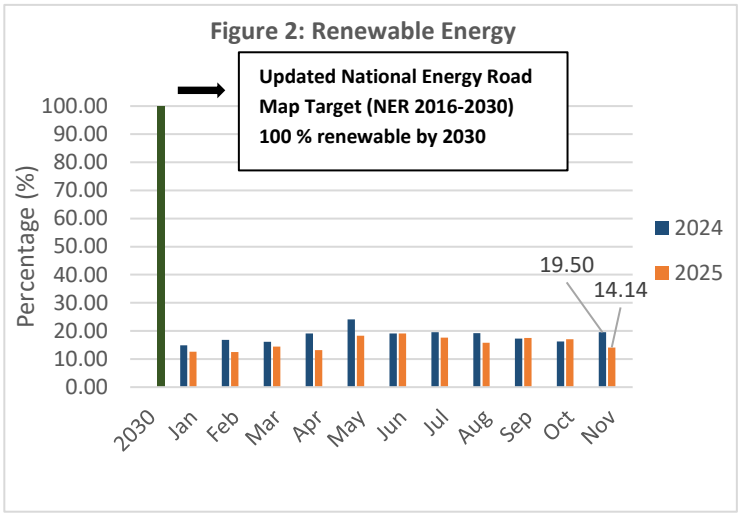
Nov-25	Efate	Luganville, Santo	Malekula- Brenwei	Tanna*	Ambae	Vanua Lava	Maewo	Lorlow & Wintua, Malekula
Total kWh Produced	6,115,293	1,263,314	102,915	173,940	19,855	9,379	6,677	7,393
Litres of diesel used	1,323,200	172,269	10,440	49,250	5,791	3,694	-	430
Diesel %	94.4%	46.5%	44.2%	99.2%	77.8%	100%	-	37.3%
Hydro %	-	53.1%	56%	-	-	-	100%	-
Solar %	4.5%	0.5%	-	0.8%	22.2%	-	-	62.7%
Wind %	1.2%	-	-	-	-	-	-	-
Copra oil %	-	-	-	-	-	-	-	-

Renewable Energy Generation

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

The graph reveals a huge fall in renewable energy contributions this month due to a decrease in hydro, solar and wind energy production. Overall, the RE percentage for November 2025 is lower than that of November 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).

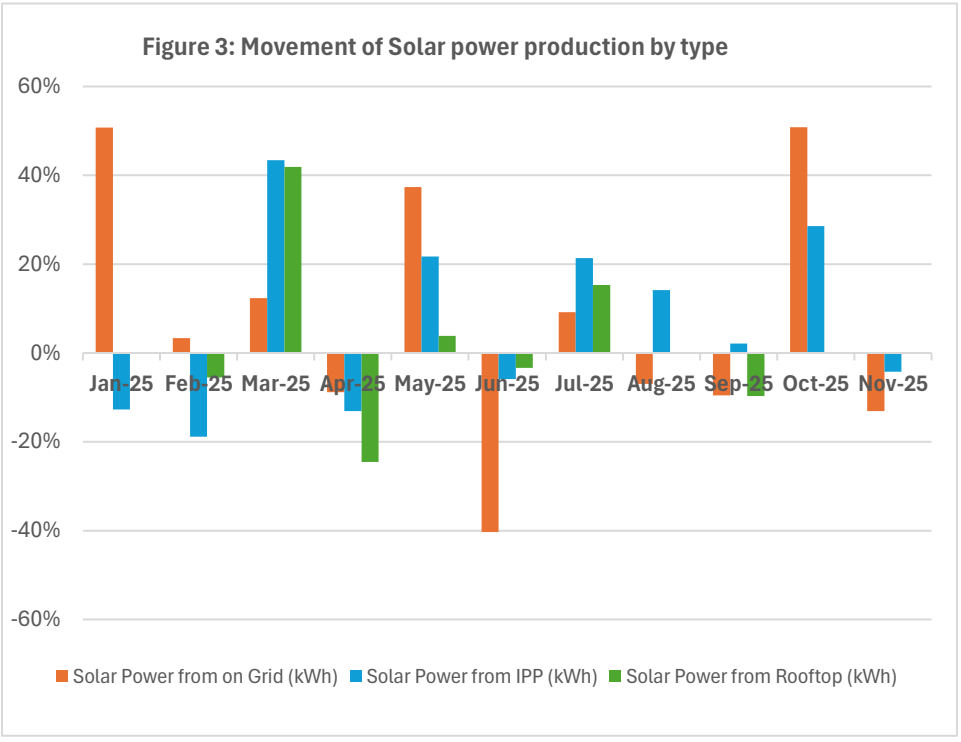


Solar power production by type

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 Figure 3, on-grid solar, which connects directly to the main electricity grid, recorded a 13% decrease this month. Solar from IPPs-private producers selling power under purchase agreements also experience a decrease of 4% whilst, Rooftop solar power generation remained unchanged this month.

The Authority also introduced a Solar Connection Charge in 2024 under section 18 of the URA Act. This is for VUI customers with grid-tied solar panels connected to the electricity grid but do not send excess electricity back to the grid (Zero-export grid-tied solar PV systems). The Authority's action was based on the rules outlined under the Electricity Supply Act.



[2] Renewable sources includes copra oil, hydro, solar, and wind.

Number of customers

Table 2 shows the number of customers in different electricity networks in Vanuatu during the month.

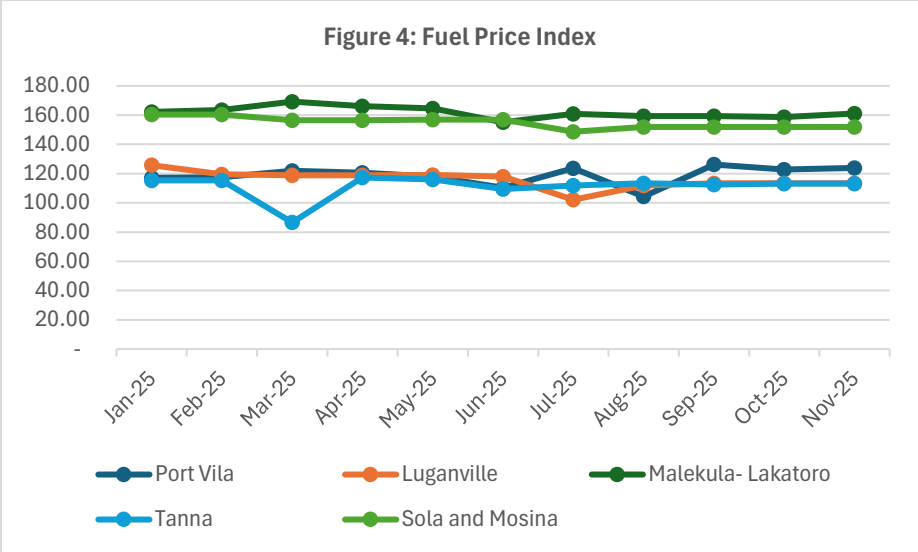
Table 2: Customer numbers per electricity network area

Nov-25								
Electricity Network	Efate	Luganville, Santo	Malekula- Brenwei	Tanna*	Ambae	Vanua Lava	Maewo	Lorlow & Wintua, Malekula
Total Active Customers	17,903	3,989	1,111	1,241	170	149	241	80

Fuel cost index

Figure 4, on the right, presents the movement in the fuel price index. It shows the price per liter of diesel and the movement in fuel prices from January 2025 to November 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

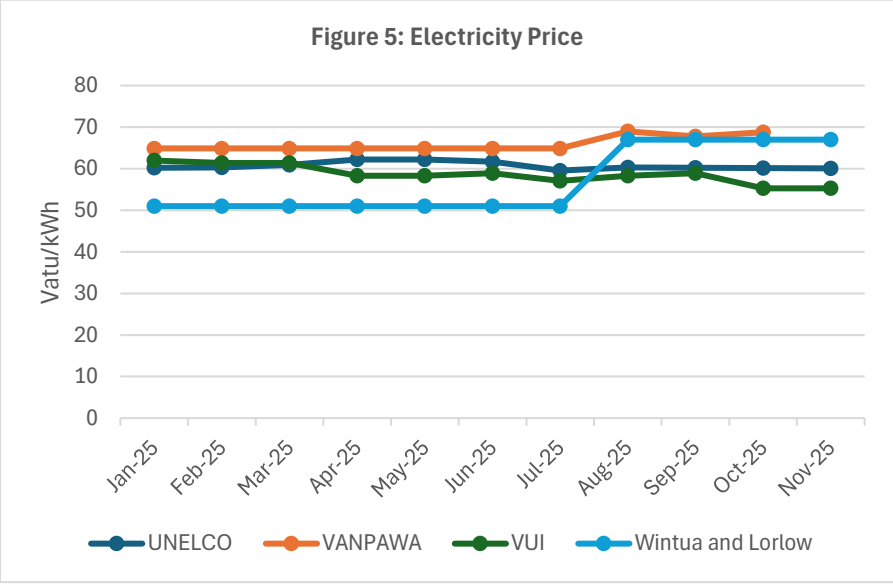
During the month, fuel prices in Port Vila increased by 1% and Malekula by 1.6%. Tanna, however, experienced a fall of 0.3% whilst Santo remains unchanged this month.



Electricity Price

UNELCO[3] tariff for the month of November is 60.11 vatu/kWh. VUI[4] is 55.28 vatu/kWh and the Wintua/Lorlow electrical cooperatives[5] applicable tariff for this 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.



[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).

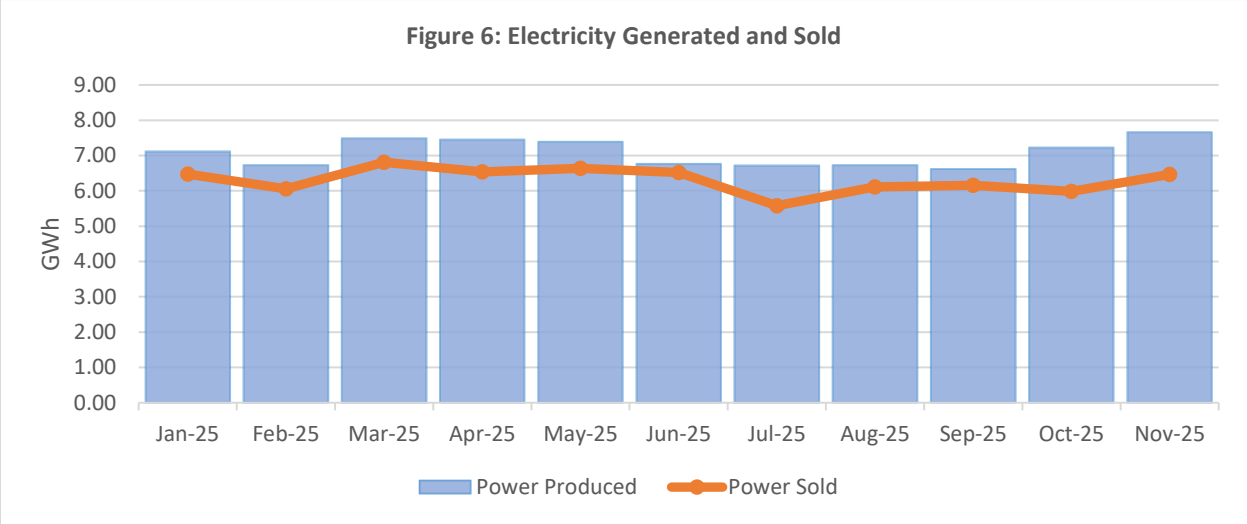
[5]Wintua/Lorlow cooperative is operating the newly established Solar grid at Wintua and Lorlow in Malekula. For more information visit the Department of Energy's website (www.doe.gov.vu)

Total Electricity Generated and Sold

Total power produced decreased by 3.1% from the previous month; comparing it with the same month last year, it has increased by 3.7%.

Total power sold during the month increased by 8% from the previous month; comparing it with the same month in 2024, total power sold increased by 6.9%.

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.