

VANUATU MONTHLY ENERGY MARKET SNAPSHOT FOR SEPTEMBER 2025

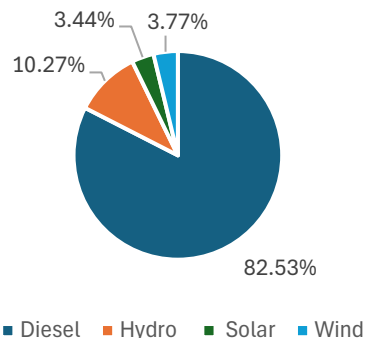
Overview of the Month

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 September 2025. During this reporting period, total power produced decreased by 1.7% while power sold increased by 0.7%. Electricity produced from hydro, solar and wind sources rose during the month; however, diesel remained the main electricity source contributing 82.53% of the total electricity generation. In this reporting month, fuel prices for Efate and Santo increased by 21% and 1.4% respectively, while Tanna recorded a decrease of 0.8%. The electricity prices for the regulated utilities for the month were as follows: UNELCO (60.25 vatu/kWh), VUI (58.93 vatu/kWh), VANPAWA (67.78 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 regulated utilities in Vanuatu for the reporting month. As depicted in the graph (Figure 1), diesel remained the primary electricity source, producing 82.53% of the total on-grid electricity during the month. Hydro power plants in Santo (Sarakata), Malekula (Brenwei) and Maewo (Talise) contributed 10.27%, while solar generation from installations in Efate, Santo (Luganville), Tanna, Ambae and Lorlow/Wintua (Malekula) accounted for 3.44%. Windmill power on Efate supplied the remaining 3.77%.

Figure 1: Electricity Sources



Electricity Generation by Area

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

Table 1: Generation Mix by Electricity Grid

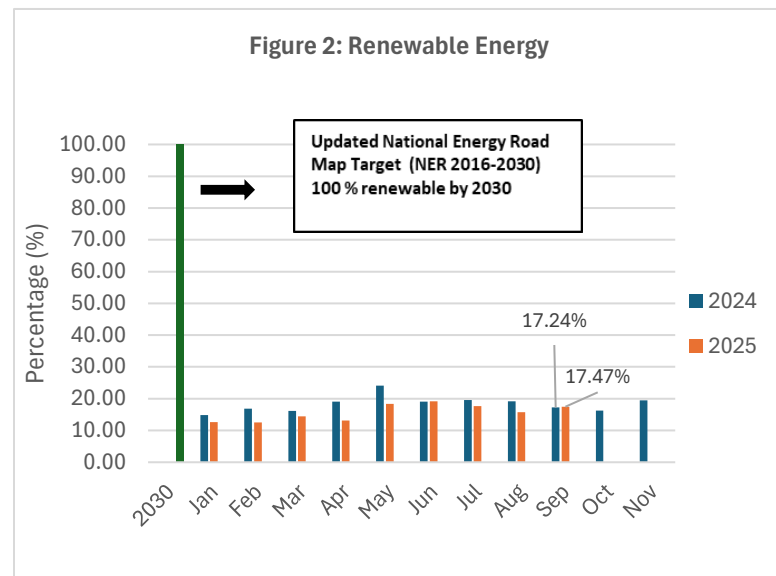
Sept-25	Efate	Luganville, Santo	Malekula- Brenwei	Tanna*	Ambae	Vanua Lava	Maewo	Lorlow & Wintua, Malekula
Total kWh Produced	5,170,523	1,153,401	127,756	156,756	17,920	9,070	6,279	7,465
Litres of diesel used	1,119,210	171,870	28,060	43,530	5,914	3,739	-	430
Diesel %	91.0%	50.5%	11.0%	98.8%	77.2%	100%	-	35.5%
Hydro %	-	49.1%	89%	-	-	-	100%	-
Solar %	4.2%	0.5%	-	1.2%	22.8%	-	-	64.5%
Wind %	4.8%	-	-	-	-	-	-	-
Copra oil %	-	-	-	-	-	-	-	-

Renewable Energy Generation

Figure 2 on the right presents the portion of electricity generated from renewable energy (RE) sources¹ 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, driven by higher wind and hydro generation. Overall, the RE share for September 2025 is slightly higher than in September 2024.

Figure 2 also illustrates ‘Vanuatu’s renewable electricity generation’ target as per Vanuatu’s National Sustainable Development Plan 2016 to 2030 (NSDP).

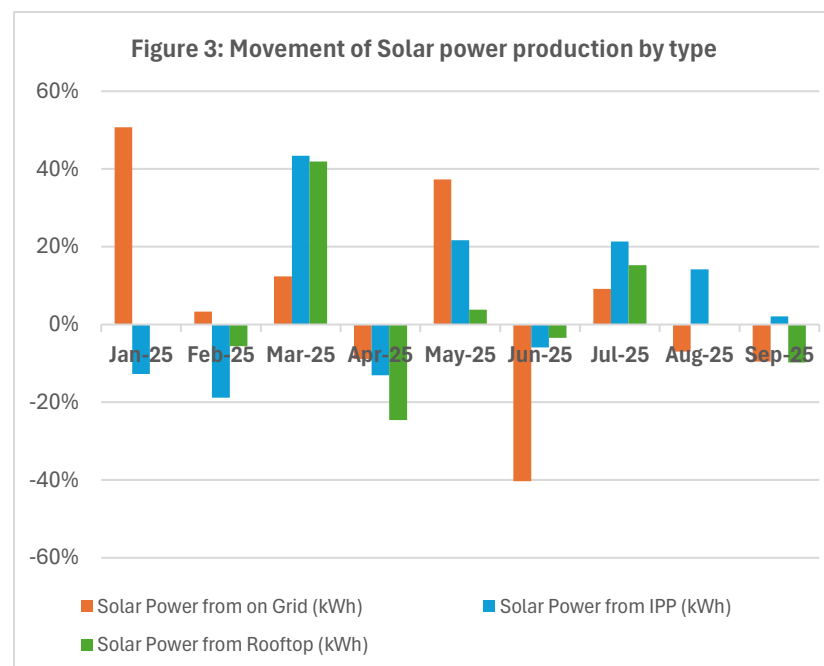


Solar power production by type

Solar power generation in Vanuatu is categorized into three types: On-grid solar, Solar from Independent Power Producers (IPPs) and Rooftop solar systems.

According to the graph (Figure 3), the on-grid solar which connects directly to the main electricity grid experienced a further decrease by 10% this month. Solar from IPPs-private producers selling power under purchase agreements increased by 2%, while Rooftop solar power generation recorded a 10% decrease this month.

Based on the rules outlined under the Electricity Supply Act, in 2024 URA (the Authority) introduced a solar charge for VUI customers who have grid-tied solar panels and are connected to the electricity grid but do not send excess electricity back to the grid (Zero-export grid-tied solar PV systems).



¹ Renewable sources include copra oil, hydro, solar and wind.

Number of customers

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

Table 2: Customer numbers per electricity network area

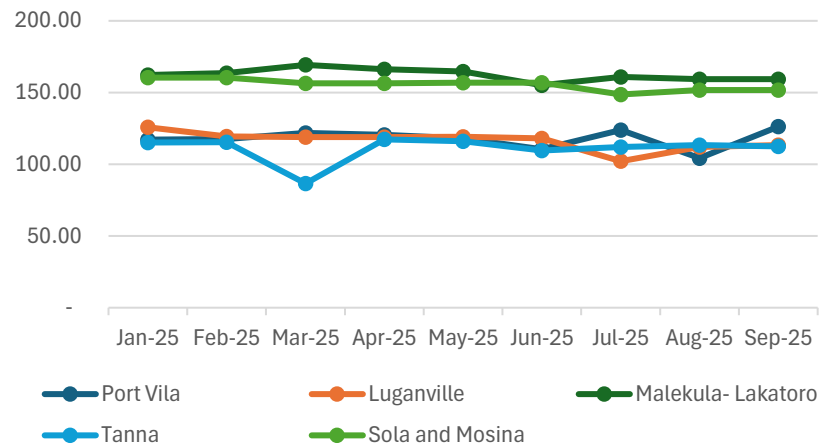
	Sept-25							
Electricity Network	Efate	Luganville, Santo	Malekula- Brenwei	Tanna*	Ambae	Vanua Lava	Maewo	Lorlow & Wintua, Malekula
Total Active Customers	17,873	3,978	1,111	1,241	170	149	241	77

Fuel cost index

Figure 4, on the right, presents the movement in fuel price index. It shows the diesel price per liter and how fuel prices changed from January 2025 to September 2025. The index starts at 100 points in January 2020 because operational data for some electricity service areas was only available after that date.

During the month, price of fuel in Efate increased by 21%, Santo by 1.4%, whilst Tanna experienced a fall of 0.8%².

Figure 4: Fuel Price Index

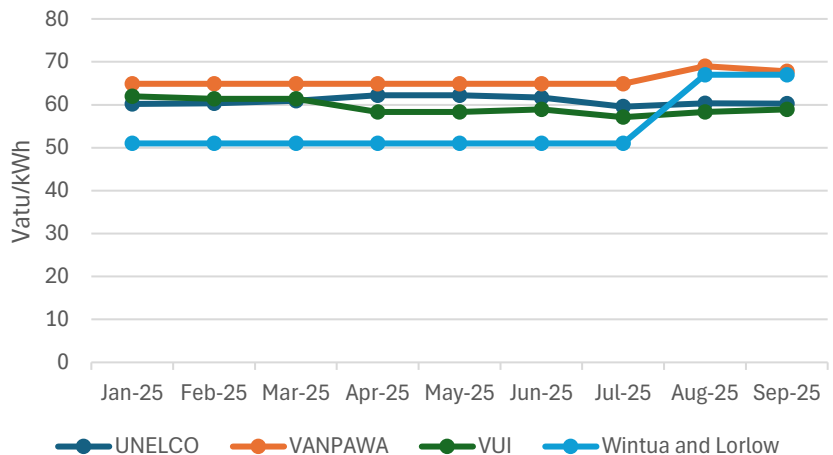


Electricity Price

UNELCO³ tariff for the month of September is 60.25 vatu/kWh. VUI⁴ is 58.93 vatu/kWh, for VANPAWA is 67.78 vatu/kWh and the Wintua/Lorlow electrical cooperatives⁵ applicable tariff for the reporting month is 67 vatu/kWh.

Note that UNELCO and VUI's actual operating parameters for a reporting month are typically applied in the calculation of the electricity tariff for the following month.

Figure 5: Electricity Price



² Fuel Cost in Tanna remained the same as the data from August 2025 was brought forward

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).

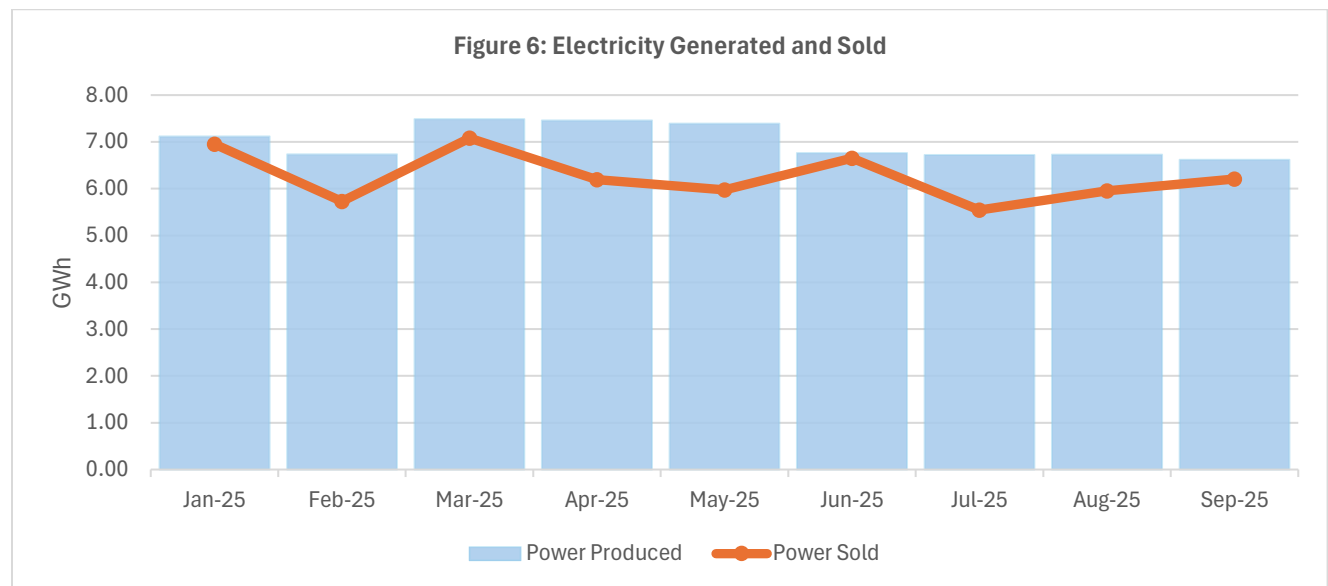
⁵ Wintua/Lorlow cooperative is operating the newly established Solar grid at Wintua and Lorlow in Malekula. For more information visit the Department of Energy's website (www.doe.gov.vu)

Total Electricity Generated and Sold

Total power produced decreased by 1.7% compared with the preceding month, but was 2.9% higher than the same month last year.

Moving on, the power sold from the previous month increased by 0.7%. Comparing it with the same month in 2024 total power sold increased by 3.0%.

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.