

**Electricity source**

The graph on the left shows the different types of energy sources used to produce electricity in Vanuatu during the month of October 2017. The main energy source was diesel combustion which contributed 80% of the total electricity produced. The wind mills at Devil’s point generated 11.3% of electricity whilst hydro in Santo and solar contributed 5.8% and 2.9% respectively.

**Electricity generation by area**

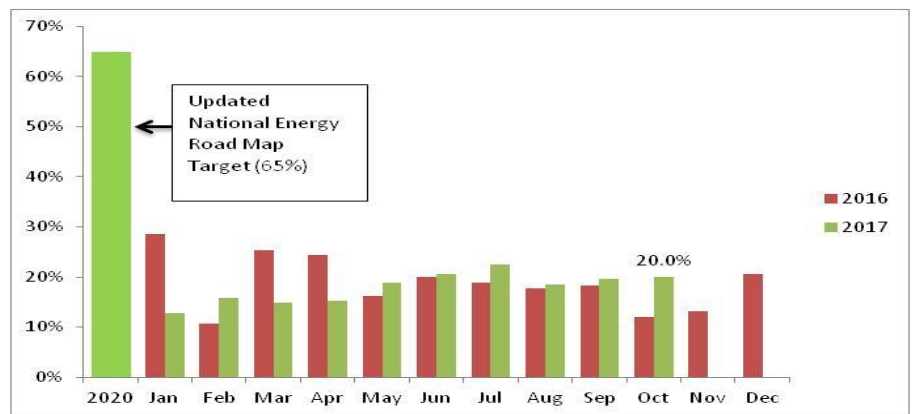
The top part of the table on the right shows the total energy production from all available energy sources and the total quantity of diesel used to generate electricity in each concession area in October 2017. The bottom part of the table reveals the respective contribution in % of the available energy generation sources in each concession area.

	Oct-17	Port Vila	Luganville <sup>1</sup>	Malekula	Tanna
Total kWh Produced		5,430,209	922,039	75,175	92,911
Litres of diesel used		1,147,200	157,031	20,924	25,450
Diesel %		83.1%	58.7%	96.0%	96.1%
Copra oil %		-	-	-	-
Hydro %		-	40.9%	-	-
Wind %		13.6%	-	-	-
Solar %		3.3%	0.5%	4.0%	3.9%

*\*Luganville monthly data as of Feb-17 includes Port Olry micro-grid operations*

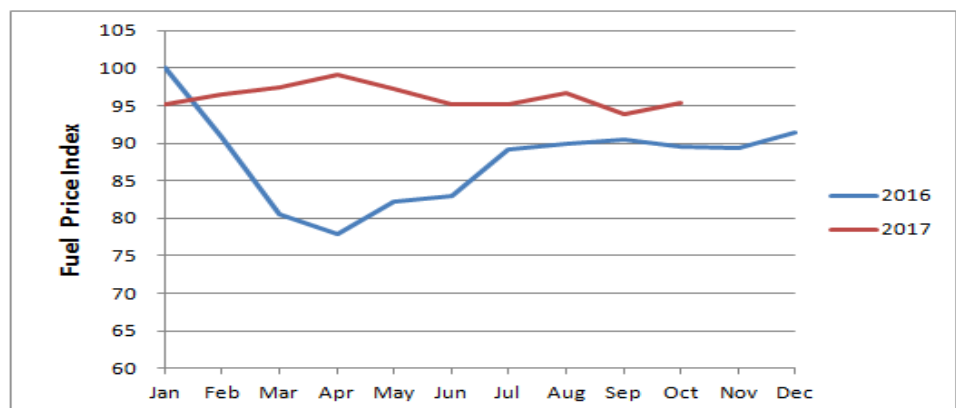
**Renewable Energy Generation**

The graph on the right presents the % portion of electricity generated from renewable energy sources<sup>1</sup> during the month. The 2016 renewable contributions can be compared with the year-to-date (YTD) 2017. Furthermore, it provides an overview on where Vanuatu renewable electricity generation stands in comparison to the NERM’s<sup>2</sup> target.



**Fuel cost index**

Graph on the right discloses the weighted fuel price index. It is not showing the price per litre of diesel but the evolution or movement of fuel price for 2016 and 2017 year-to-date. The index started with 100pt base in January 2016.



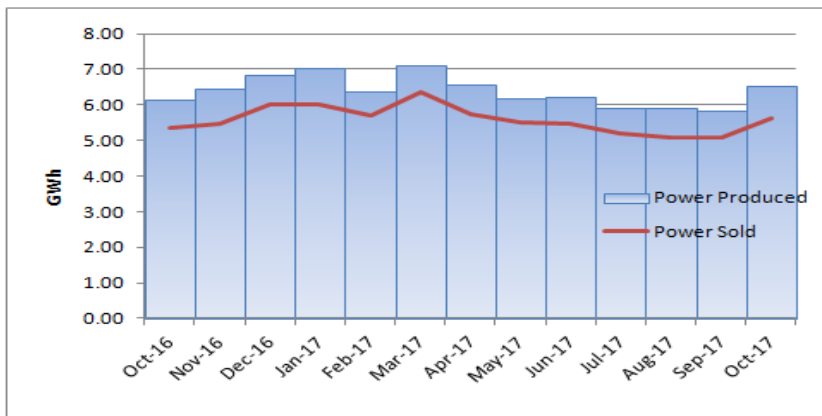
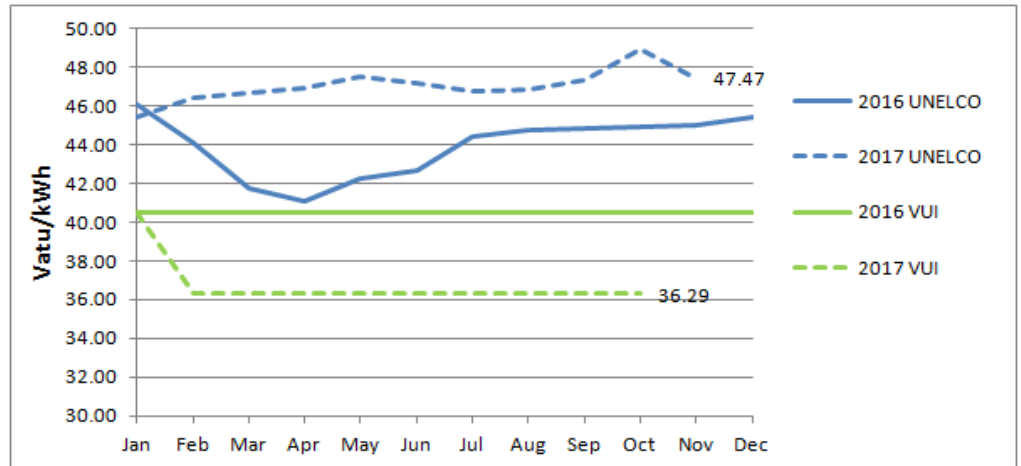
<sup>1</sup> Renewable sources include copra oil, hydro, solar and wind.

<sup>2</sup> Update National Energy Road Map 2016 - 2030

## Electricity Price

UNELCO<sup>3</sup> tariff for the month of November 2017 is 47.47 Vatu/kWh. VUI's<sup>4</sup> applicable tariff for October is 36.29 Vatu/kWh.

UNELCO's actual operational parameters for the reporting month are utilized to compute electricity tariff for the following month while VUI's electricity tariff is adjusted on an annual basis.



## Total Electricity Generated and Sold

Total power produced increased by 12.1% from preceding month and 6.4% corresponding month in previous year.

Likewise power sold increased by 24.1% from prior month while 5.3% more of what was sold similar month in 2016.

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.

[www.ura.gov.vu](http://www.ura.gov.vu)



The URA welcomes suggestions and feedbacks from readers of this report. Any readers desiring to seek clarity of this report are encouraged to seek clarity from the URA should they do not understand any part of this report.

<sup>3</sup> Union Electrique du Vanuatu Limited, <<UNELCO LIMITED>>, supply electricity in Port Vila, Malekula and Tanna

<sup>4</sup> Vanuatu Utilities Infrastructure, supply electricity in Luganville and Port Olry, Santo