

Northern Territory Renewables Report: 1 Jan 2024 - 31 Mar 2024

Renewables
Penetration:

11.6%

Fossil Fuels:

78.9%

Other Sources*:

9.5%

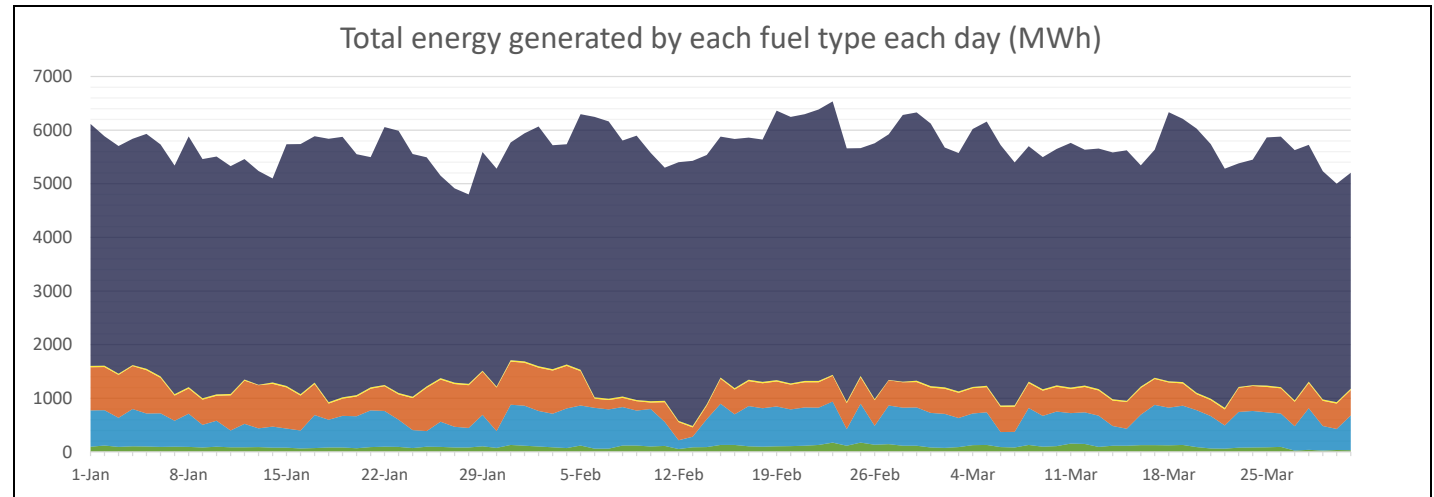
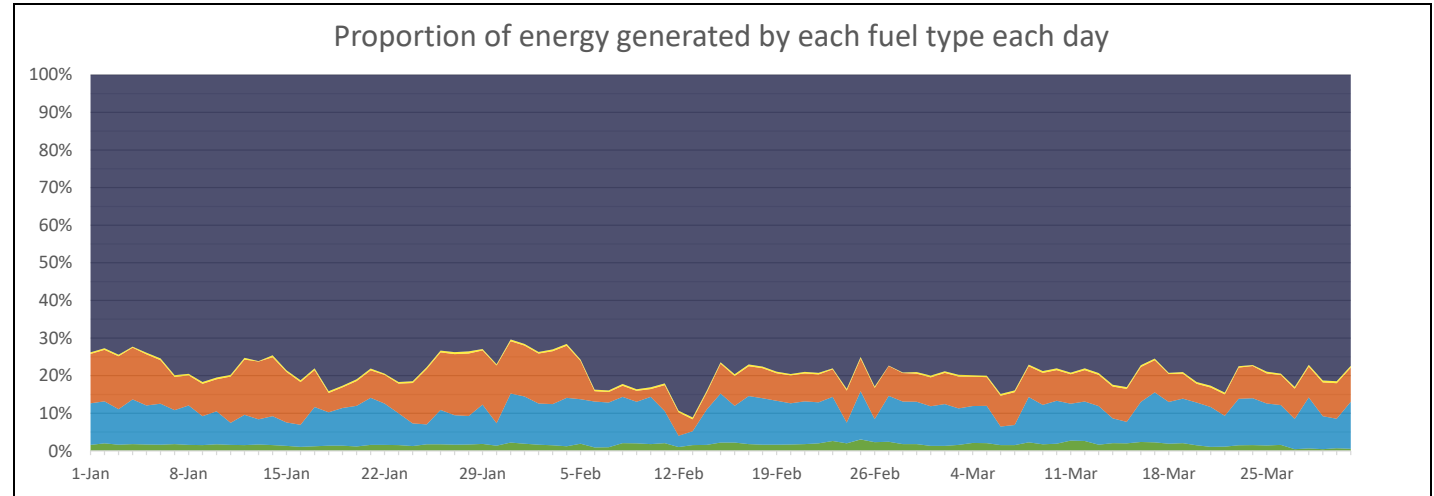
Minimum Gross Demand:	153.5	MW @ 3:00, 28 Jan
Maximum Gross Demand:	359.2	MW @ 16:00, 23 Feb
Minimum Net Demand:	153.5	MW @ 3:00, 28 Jan
Maximum Net Demand:	304.6	MW @ 19:00, 23 Feb
Maximum Renewable Power:	122.3	MW @ 13:00, 25 Feb

Total Overall

Fuel	MWh	Percent
Fossil	411,156	78.9%
Biomass	2,197	0.4%
Steam	47,038	9.0%
Distributed PV	51,803	9.9%
Utility Solar	8,720	1.7%

Best Hour:	42.1%	at	11:00, 17 Mar
Fuel	MWh	Percent	
Fossil	133.7	50.7%	
Biomass	0.0	0.0%	
Steam	19.0	7.2%	
Distributed PV	96.0	36.4%	
Utility Solar	15.1	5.7%	

Best Week:	13.2%	for	5 Feb - 11 Feb
Fuel	MWh	Percent	
Fossil	33,850	82.0%	
Biomass	179	0.4%	
Steam	1,812	4.4%	
Distributed PV	4,759	11.5%	
Utility Solar	683	1.7%	



* Landfill gas is methane sourced from the Shoal Bay waste facility that is burned to power a generator. This methane is constantly generated by the waste and would otherwise be released into the atmosphere. Therefore, utilising it in this way in fact decreases the emissions by destroying the methane and by offsetting the need for additional fossil fuel generation. (<https://www.epa.gov/lmop/benefits-landfill-gas-energy-projects>)

* Steam is created using waste heat from fossil fuel generation. The steam is then used to create low-emissions power that offsets the need for additional fossil fuel generation.

Data sources:
BTM - 3rd party estimated actuals
Other generation - PI

This report is for informational purposes only and is subject to the accuracy of the source data.