

# Northern Territory Renewables Report: 2 Oct 2023 - 31 Dec 2023

Renewables  
Penetration:

12.8%

Fossil Fuels:

81.1%

Other Sources\*:

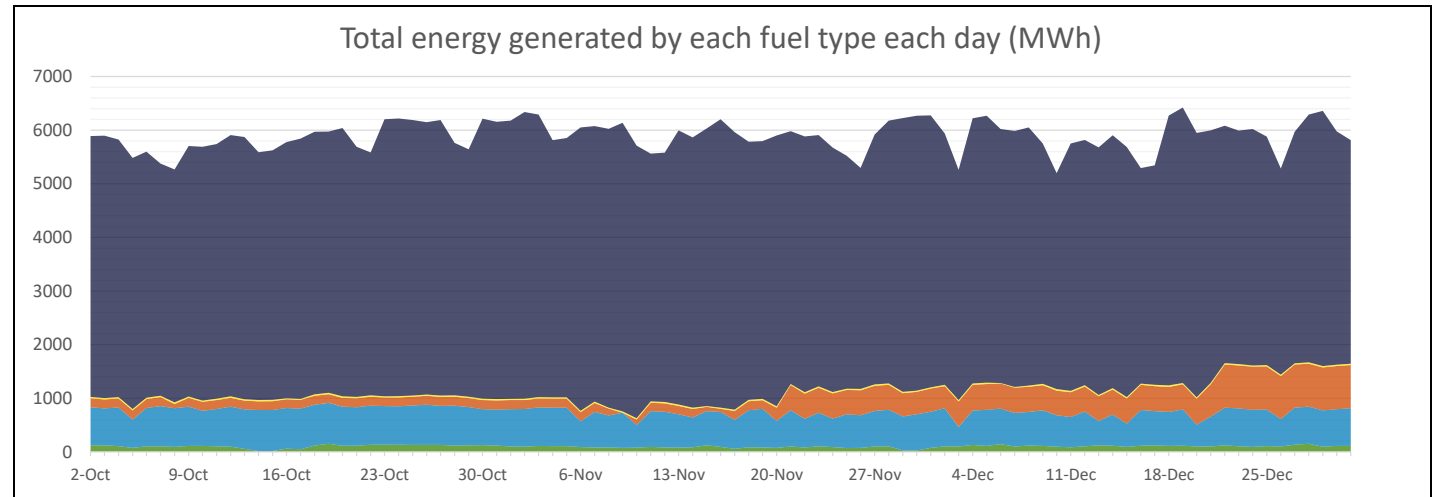
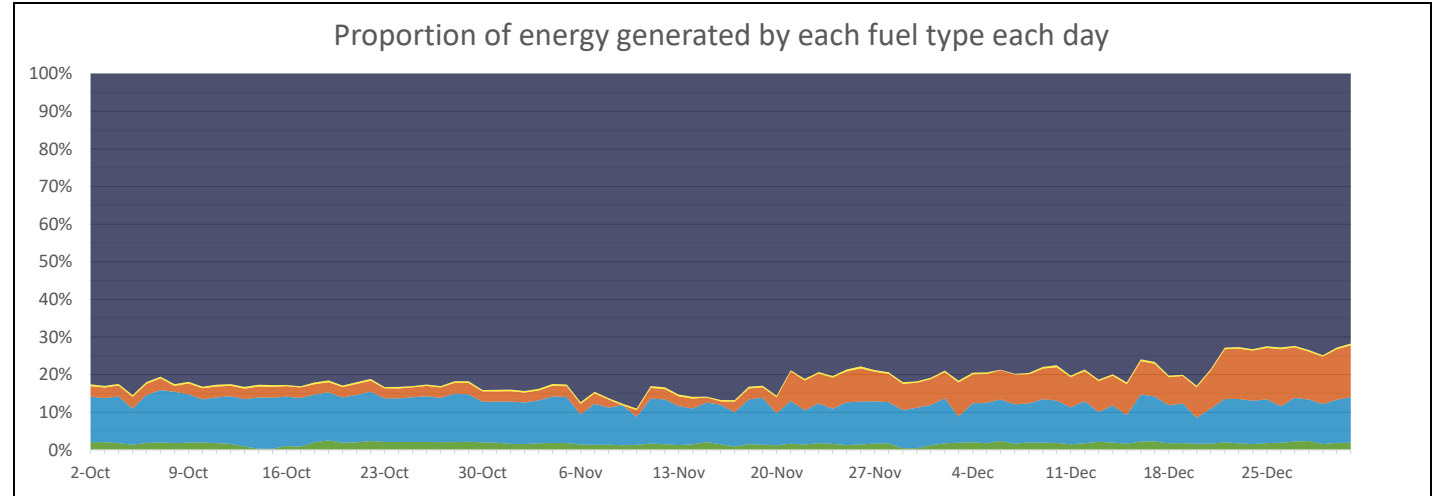
6.1%

Minimum Gross Demand:	151.3	MW @ 4:00, 16 Dec
Maximum Gross Demand:	372.6	MW @ 16:00, 5 Dec
Minimum Net Demand:	151.3	MW @ 4:00, 16 Dec
Maximum Net Demand:	320.3	MW @ 16:00, 5 Dec
Maximum Renewable Power:	118.6	MW @ 12:00, 19 Oct

Total Overall		
Fuel	MWh	Percent
Fossil	434,486	81.1%
Biomass	2,197	0.4%
Steam	30,354	5.7%
Distributed PV	59,699	11.1%
Utility Solar	9,045	1.7%

Best Hour:		
41.6%	at	12:00, 7 Oct
Fuel	MWh	Percent
Fossil	149.3	55.5%
Biomass	0.9	0.3%
Steam	6.9	2.6%
Distributed PV	100.9	37.5%
Utility Solar	11.2	4.2%

Best Week:		
14.6%	for	16 Oct - 22 Oct
Fuel	MWh	Percent
Fossil	33,608	82.2%
Biomass	165	0.4%
Steam	1,153	2.8%
Distributed PV	5,213	12.8%
Utility Solar	738	1.8%



\* 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.