

# Northern Territory Renewables Report: 3 Apr 2023 - 2 Jul 2023

Renewables  
Penetration:

14.2%

Fossil Fuels:

78.4%

Other Sources\*:

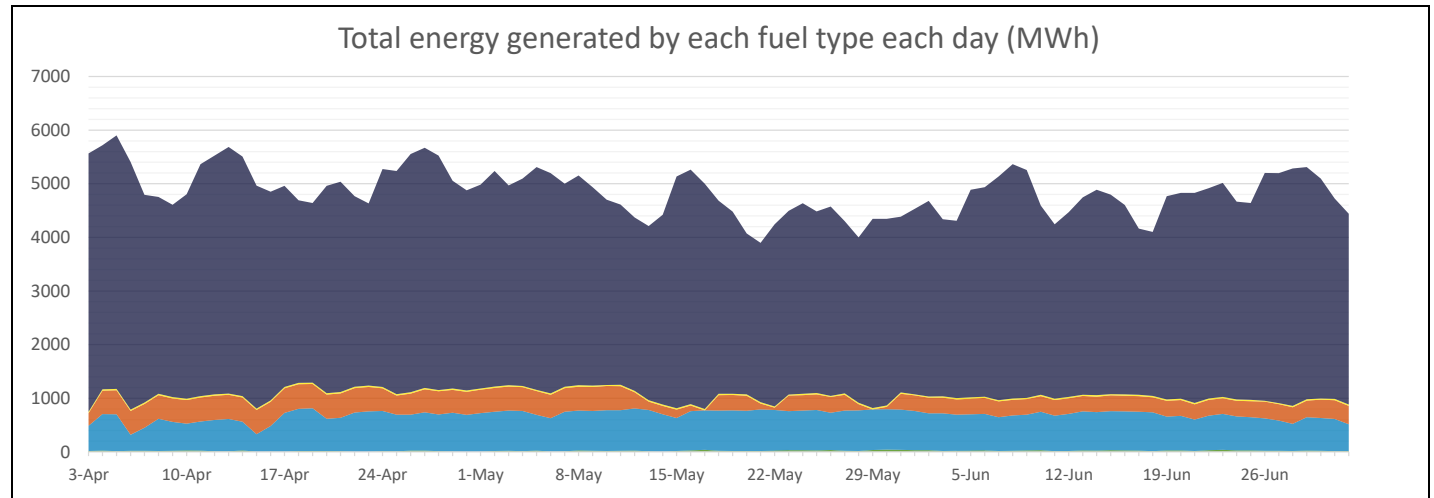
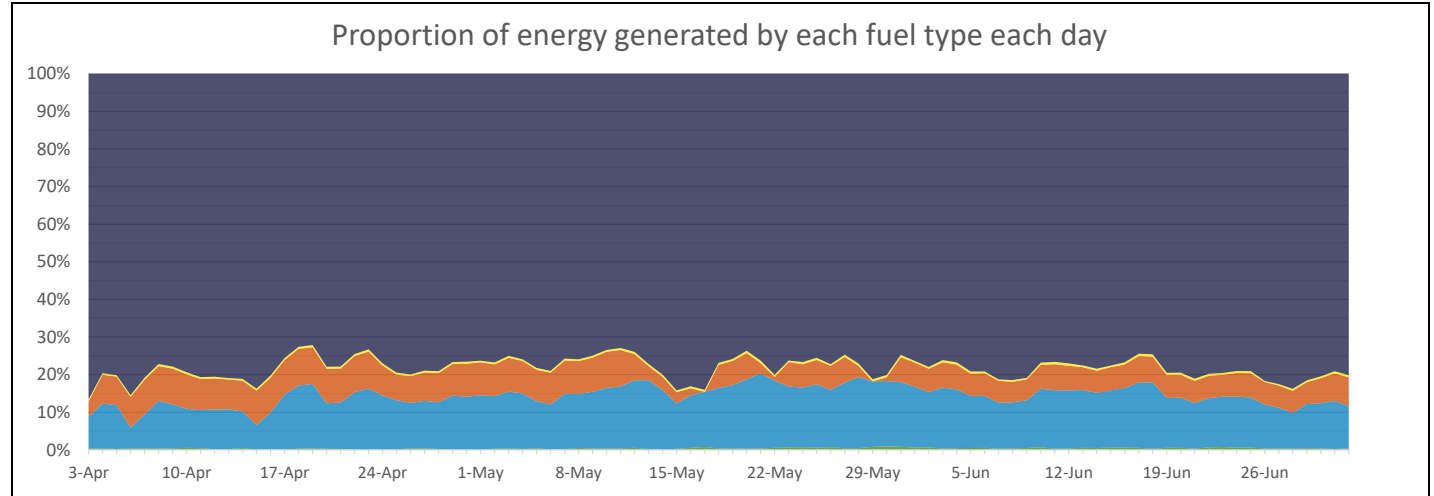
7.4%

Minimum Gross Demand:	116.0	MW @ 3:00, 22 May
Maximum Gross Demand:	329.4	MW @ 15:00, 5 Apr
Minimum Net Demand:	77.4	MW @ 12:00, 21 May
Maximum Net Demand:	286.1	MW @ 18:00, 5 Apr
Maximum Renewable Power:	107.0	MW @ 13:00, 19 Apr

Total Overall		
Fuel	MWh	Percent
Fossil	346,532	78.4%
Biomass	2,245	0.5%
Steam	30,353	6.9%
Distributed PV	60,975	13.8%
Utility Solar	1,761	0.4%

Best Hour:		
57.8%	at	12:00, 21 May
Fuel	MWh	Percent
Fossil	75.3	41.6%
Biomass	1.1	0.6%
Steam	0.0	0.0%
Distributed PV	103.8	57.3%
Utility Solar	1.0	0.5%

Best Week:		
17.4%	for	22 May - 28 May
Fuel	MWh	Percent
Fossil	23,595	76.8%
Biomass	162	0.5%
Steam	1,621	5.3%
Distributed PV	5,180	16.9%
Utility Solar	181	0.6%



\* 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.