Northern Territory Renewables Report: 6 Jan 2025 - 6 Apr 2025

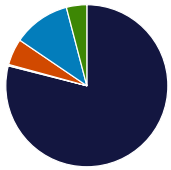
PowerWater

Renewables Penetration:	15.5%	Fossil Fuels:	79.0%	Other Sources*:	5.5%

Minimum Gross Demand:	153.3	MW @ 4:00, 16 Feb
Maximum Gross Demand:	397.6	MW @ 16:00, 5 Mar
Minimum Net Demand:	143.5	MW @ 11:00, 16 Feb
Maximum Net Demand:	343.8	MW @ 17:00, 11 Mar
Maximum Renewable Power:	159.5	MW @ 13:00, 20 Feb

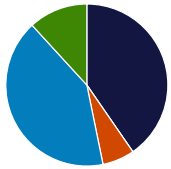
Total Overall

Fuel	MWh	Percent
Fossil	429,536	79.0%
Biomass	1,501	0.3%
Steam	28,671	5.3%
Distributed PV	62,185	11.4%
Utility Solar	22,146	4.1%



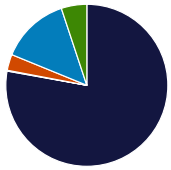
Best Hour: 53.2% at 11:00, 6 Apr

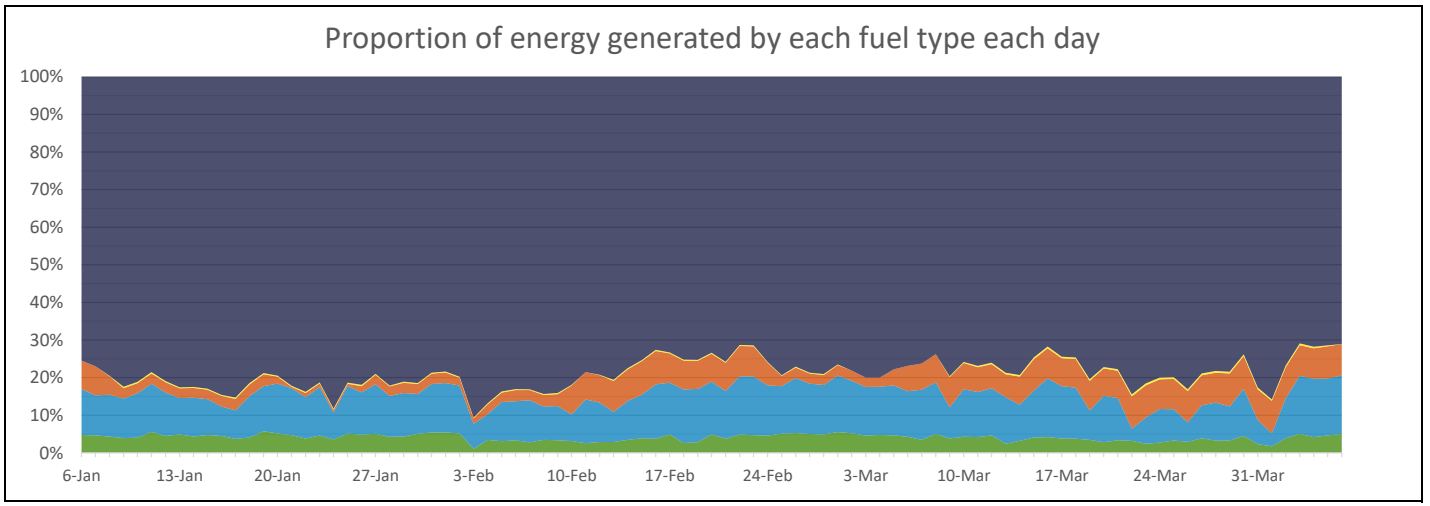
Fuel	MWh	Percent
Fossil	109.6	40.4%
Biomass	0.0	0.0%
Steam	17.4	6.4%
Distributed PV	112.4	41.4%
Utility Solar	32.0	11.8%

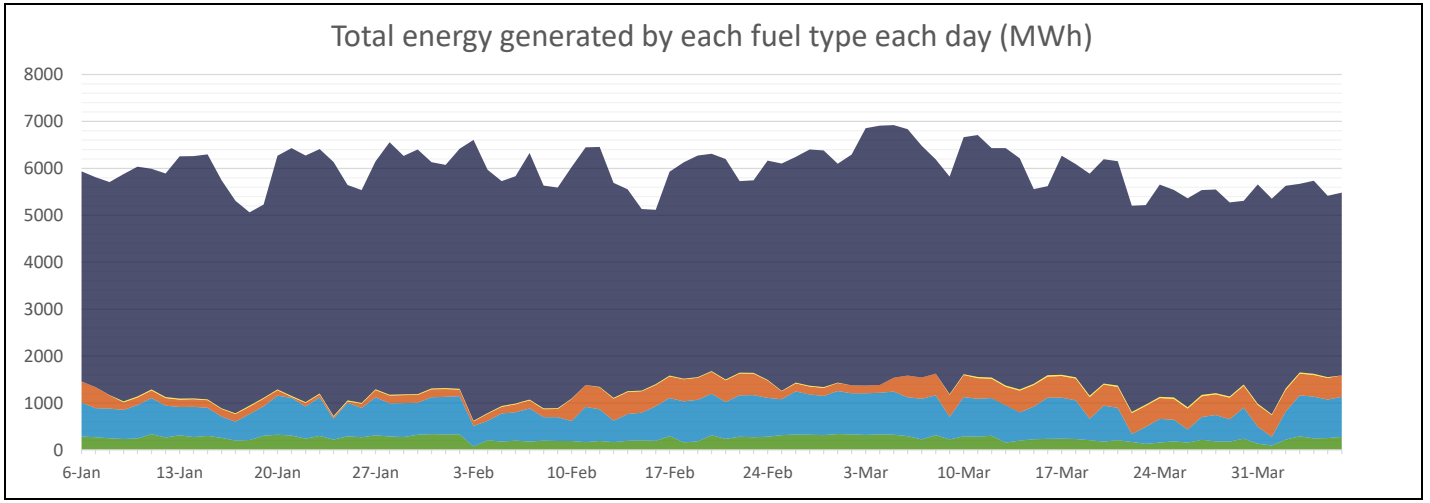


Best Week: 18.8% for 24 Feb - 2 Mar

Fuel	MWh	Percent
Fossil	33,996	77.8%
Biomass	71	0.2%
Steam	1,397	3.2%
Distributed PV	6,000	13.7%
Utility Solar	2,223	5.1%







* 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.