Northern Territory Renewables Report: 7 Jul 2025 - 5 Oct 2025

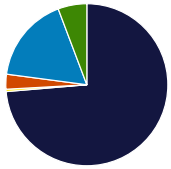
PowerWater NTESMO

Renewables Penetration:	22.9%	Fossil Fuels:	73.6%	Other Sources*:	3.4%

Minimum Gross Demand:	128.2	MW @ 3:00, 7 Aug
Maximum Gross Demand:	352.6	MW @ 16:00, 2 Oct
Minimum Net Demand:	82.4	MW @ 12:00, 3 Aug
Maximum Net Demand:	295.9	MW @ 18:00, 2 Oct
Maximum Renewable Power:	184.8	MW @ 12:00, 24 Sep

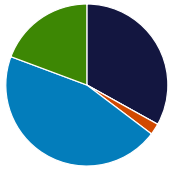
Total Overall

Fuel	MWh	Percent
Fossil	353,928	73.6%
Biomass	2,241	0.5%
Steam	14,309	3.0%
Distributed PV	82,494	17.2%
Utility Solar	27,587	5.7%



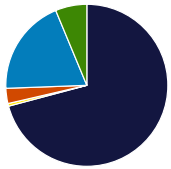
Best Hour: 64.7% at 11:00, 24 Sep

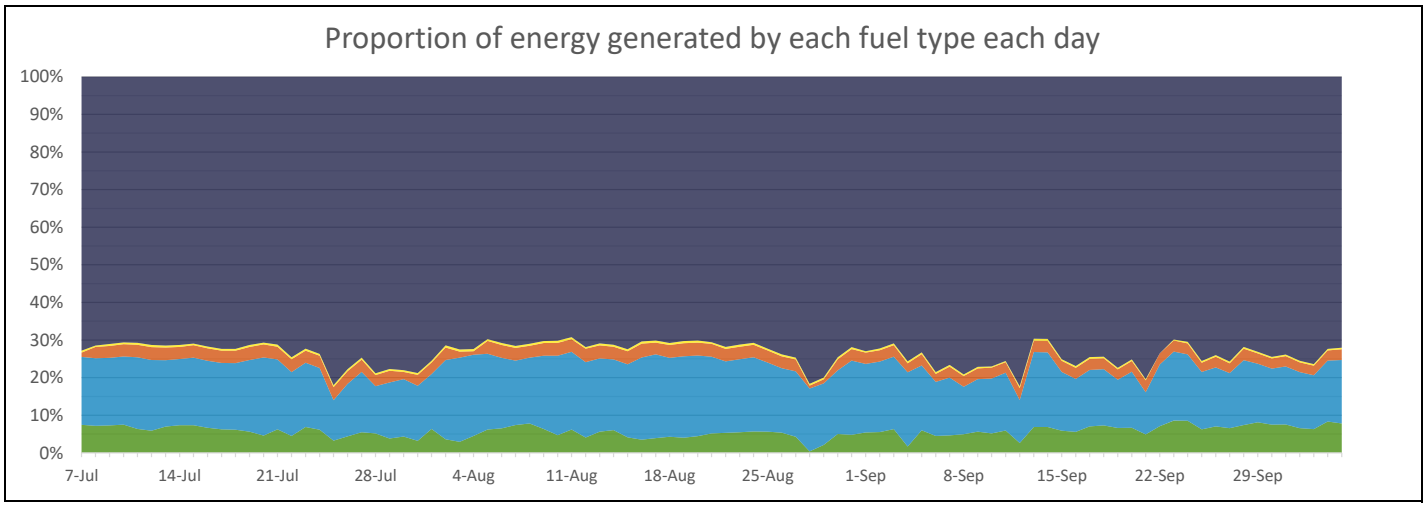
Fuel	MWh	Percent
Fossil	90.4	33.1%
Biomass	0.0	0.0%
Steam	6.2	2.3%
Distributed PV	124.1	45.4%
Utility Solar	52.8	19.3%

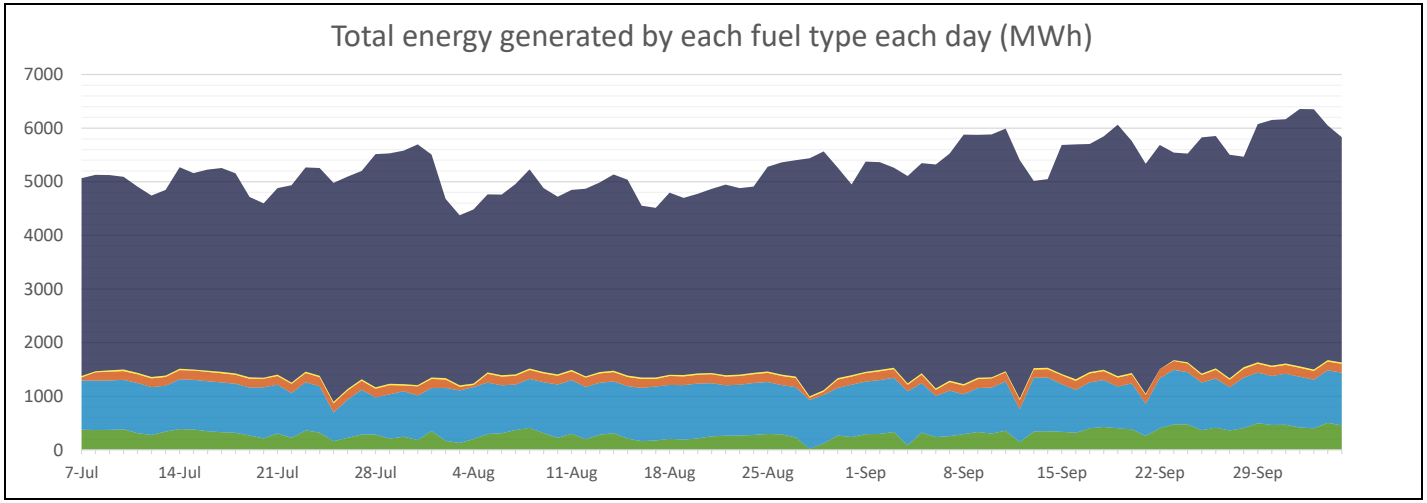


Best Week: 25.6% for 4 Aug - 10 Aug

Fuel	MWh	Percent
Fossil	23,946	70.8%
Biomass	179	0.5%
Steam	1,024	3.0%
Distributed PV	6,532	19.3%
Utility Solar	2,119	6.3%







* 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:
Fossil, Biomass, Steam, Utility Solar: PWC PI Historian

Distributed PV: 3rd party estimated actuals