Northern Territory Renewables Report: 7 Apr 2025 - 6 Jul 2025

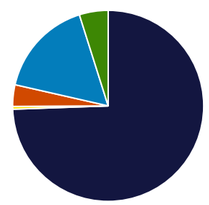
PowerWater NTESMO

Renewables Penetration:	21.4%	Fossil Fuels:	74.4%	Other Sources*:	4.1%

Minimum Gross Demand:	126.0	MW @ 4:00, 15 Jun
Maximum Gross Demand:	344.9	MW @ 15:00, 7 Apr
Minimum Net Demand:	93.7	MW @ 12:00, 18 May
Maximum Net Demand:	279.9	MW @ 18:00, 7 Apr
Maximum Renewable Power:	170.1	MW @ 12:00, 8 May

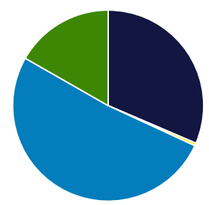
Total Overall

Fuel	MWh	Percent
Fossil	346,476	74.4%
Biomass	2,180	0.5%
Steam	16,985	3.6%
Distributed PV	77,112	16.6%
Utility Solar	22,685	4.9%



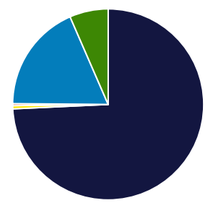
Best Hour: 68.1% at 12:00, 21 Jun

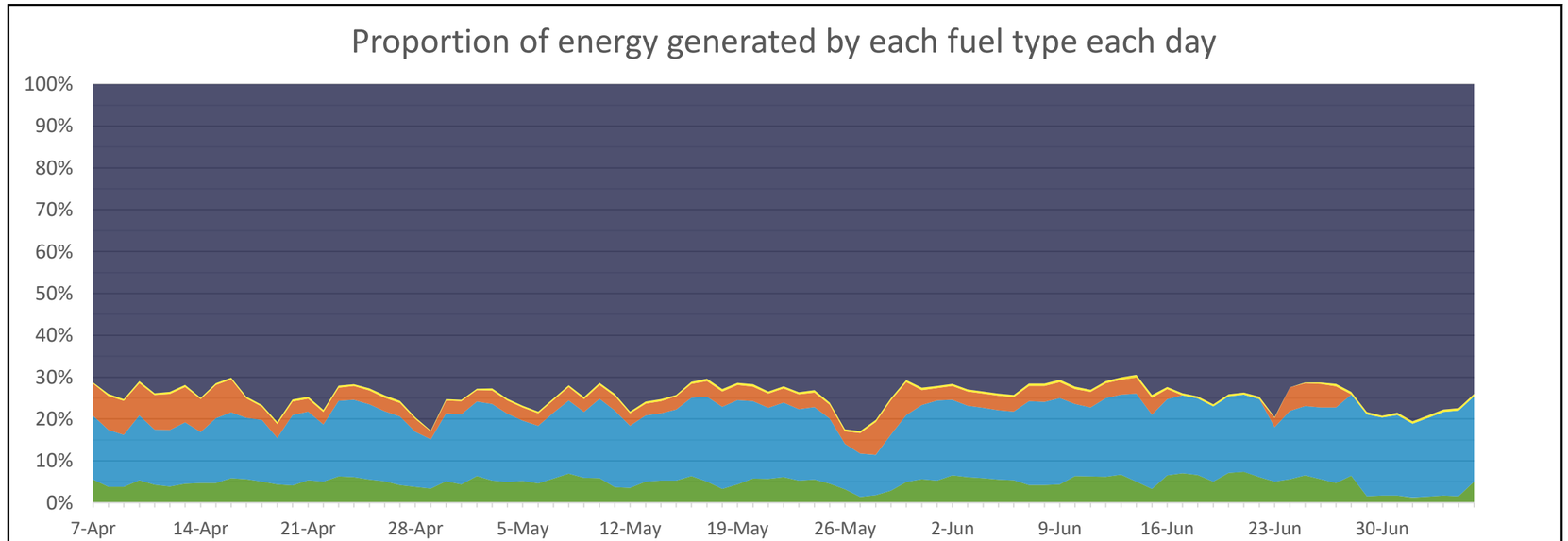
Fuel	MWh	Percent
Fossil	73.5	31.4%
Biomass	1.1	0.5%
Steam	0.0	0.0%
Distributed PV	120.0	51.4%
Utility Solar	39.1	16.7%

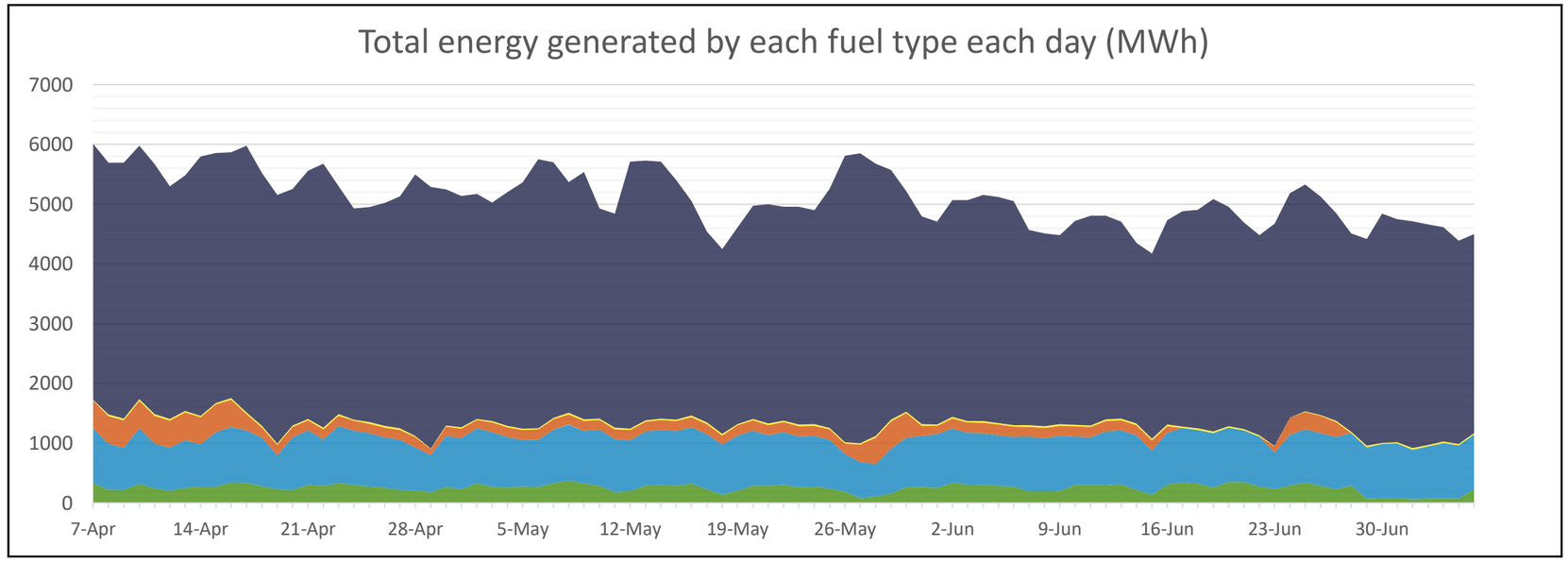


Best Week: 24.9% for 16 Jun - 22 Jun

Fuel	MWh	Percent
Fossil	25,053	74.3%
Biomass	181	0.5%
Steam	113	0.3%
Distributed PV	6,187	18.3%
Utility Solar	2,204	6.5%







* 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