Alice Springs Renewables Report: 7 Apr 2025 - 6 Jul 2025

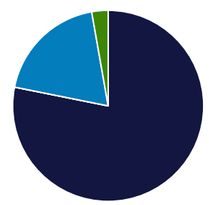
PowerWater NTESMO

Renewables Penetration:	21.8%	Fossil Fuels:	78.2%	Other Sources*:	0.0%

Minimum Gross Demand:	14.4	MW @ 3:00, 22 Apr
Maximum Gross Demand:	41.1	MW @ 8:00, 2 Jul
Minimum Net Demand:	8.0	MW @ 12:00, 27 Apr
Maximum Net Demand:	40.2	MW @ 7:00, 19 Jun
Maximum Renewable Power:	19.8	MW @ 12:00, 20 May

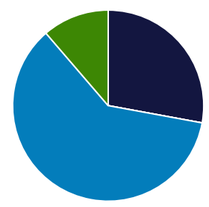
Total Overall

Fuel	MWh	Percent
Fossil	41,864	78.2%
Biomass	0	0.0%
Steam	0	0.0%
Distributed PV	10,217	19.1%
Utility Solar	1,484	2.8%



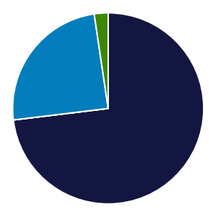
Best Hour: 72.1% at 11:00, 29 Apr

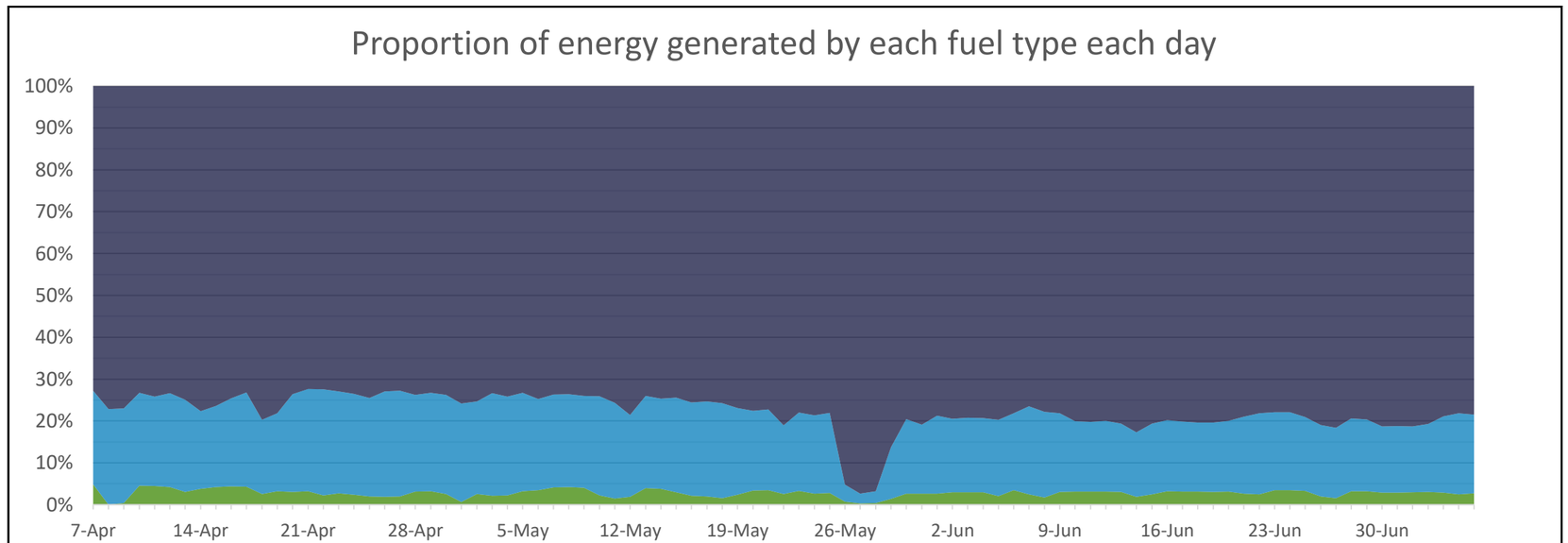
Fuel	MWh	Percent
Fossil	7.1	27.9%
Biomass	0.0	0.0%
Steam	0.0	0.0%
Distributed PV	15.6	60.8%
Utility Solar	2.9	11.3%

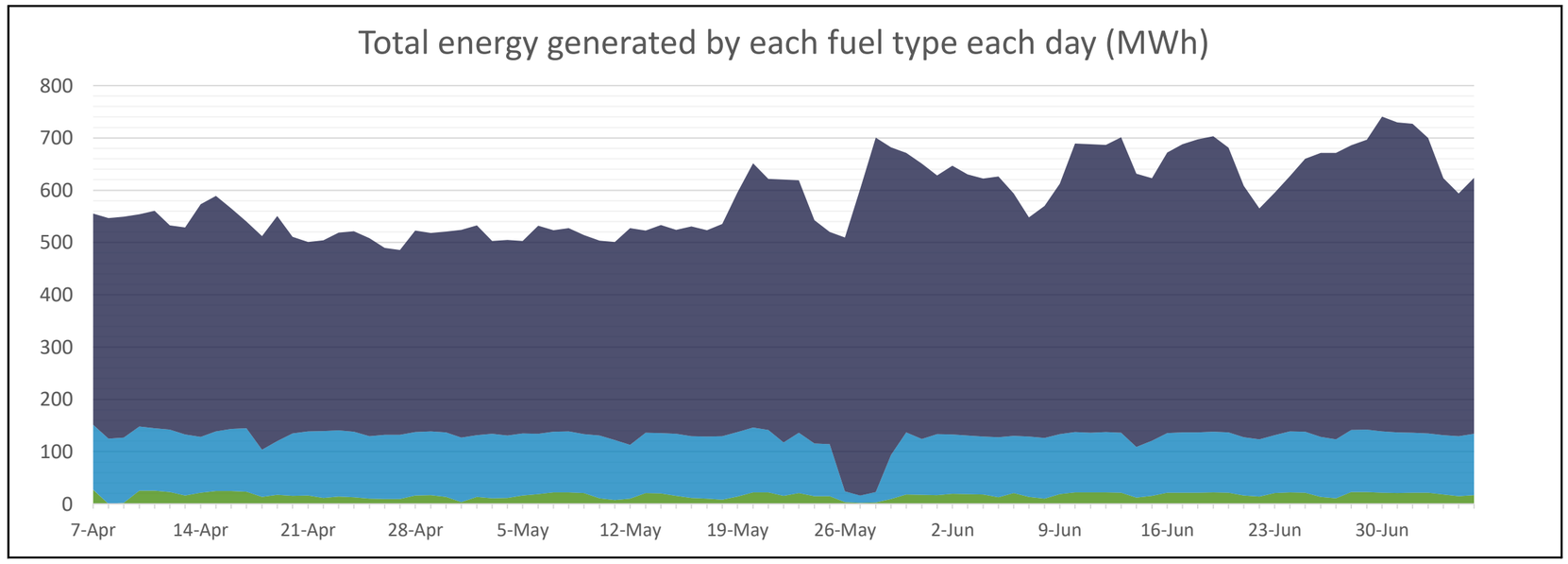


Best Week: 26.9% for 21 Apr - 27 Apr

Fuel	MWh	Percent
Fossil	2,578	73.1%
Biomass	0	0.0%
Steam	0	0.0%
Distributed PV	867	24.6%
Utility Solar	83	2.3%







* 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