Alice Springs Renewables Report: 30 Dec 2024 - 28 Dec 2025

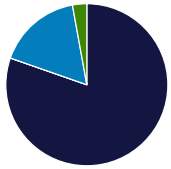
PowerWater NTESMO

Renewables Penetration:	19.6%	Fossil Fuels:	80.4%	Other Sources*:	0.0%

Minimum Gross Demand:	14.3	MW @ 3:00, 29 Sep
Maximum Gross Demand:	63.3	MW @ 15:00, 12 Feb
Minimum Net Demand:	7.0	MW @ 11:00, 22 Sep
Maximum Net Demand:	56.1	MW @ 17:00, 12 Feb
Maximum Renewable Power:	21.6	MW @ 12:00, 1 Dec

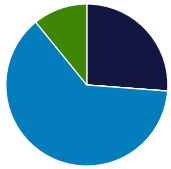
Total Overall

Fuel	MWh	Percent
Fossil	196,897	80.4%
Biomass	0	0.0%
Steam	0	0.0%
Distributed PV	41,164	16.8%
Utility Solar	6,980	2.8%



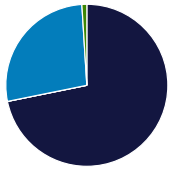
Best Hour: 73.8% at 13:00, 9 Aug

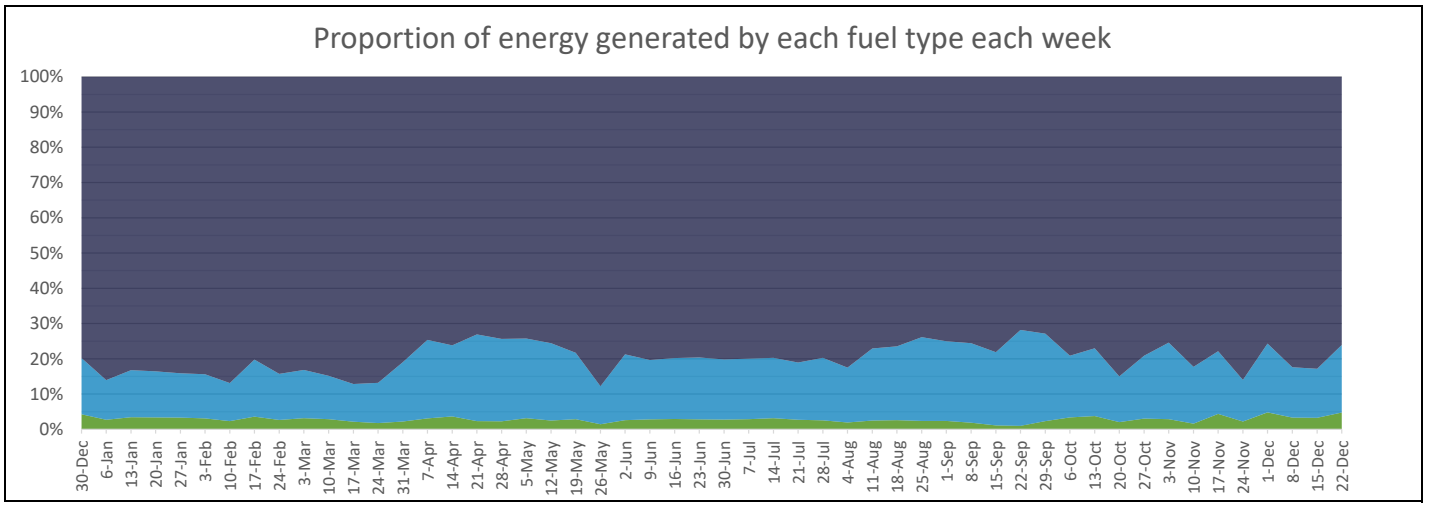
Fuel	MWh	Percent
Fossil	7.1	26.2%
Biomass	0.0	0.0%
Steam	0.0	0.0%
Distributed PV	17.1	62.9%
Utility Solar	2.9	10.9%

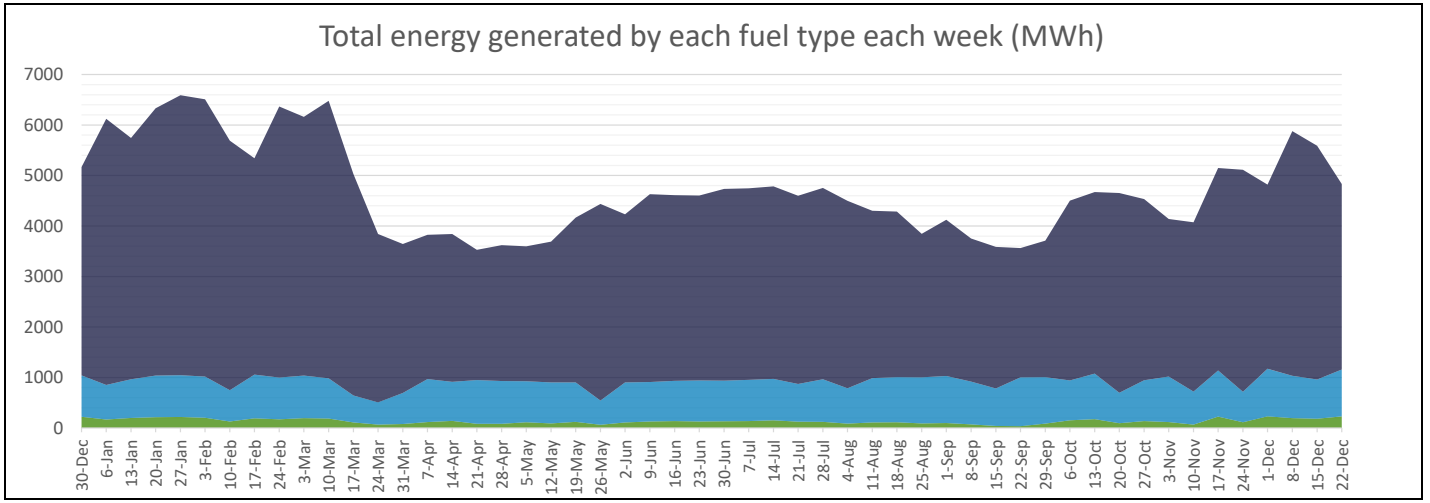


Best Week: 28.2% for 22 Sep - 28 Sep

Fuel	MWh	Percent
Fossil	2,558	71.8%
Biomass	0	0.0%
Steam	0	0.0%
Distributed PV	969	27.2%
Utility Solar	35	1.0%







* 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