Tennant Creek Renewables Report: 30 Sep 2024 - 29 Dec 2024

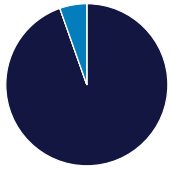
PowerWater

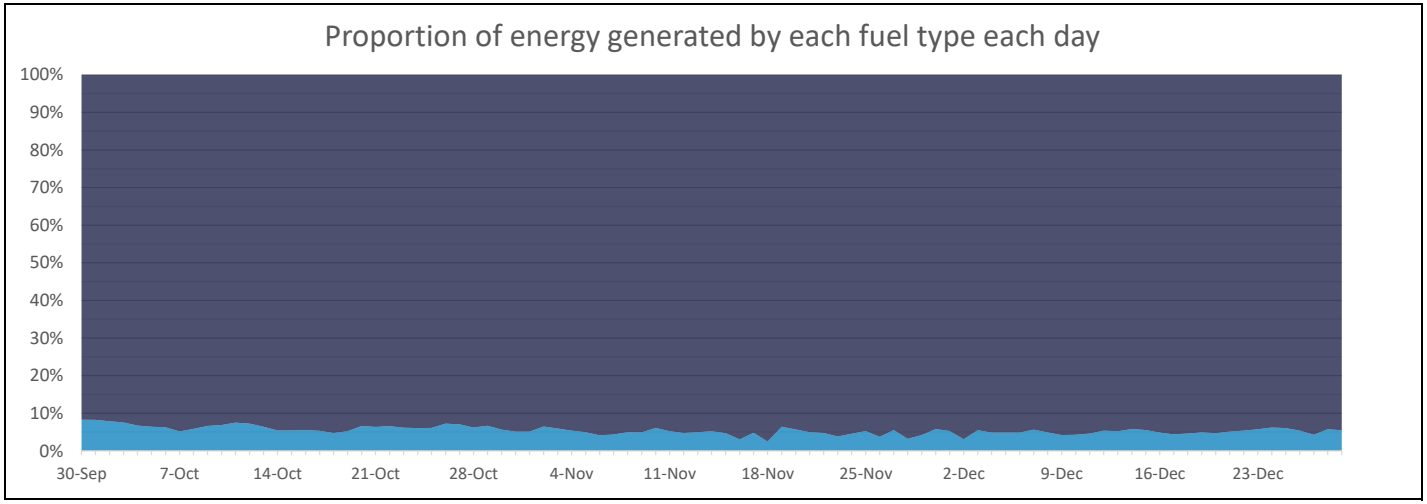
Renewables Penetration:	5.4%	Fossil Fuels:	94.6%	Other Sources*:	0.0%

Minimum Gross Demand:	2.4	MW @ 3:00, 1 Oct
Maximum Gross Demand:	7.4	MW @ 13:00, 17 Dec
Minimum Net Demand:	2.4	MW @ 10:00, 30 Sep
Maximum Net Demand:	6.8	MW @ 15:00, 17 Dec
Maximum Renewable Power:	0.9	MW @ 12:00, 22 Oct

Total Overall

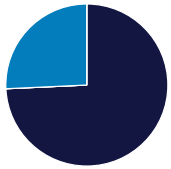
Fuel	MWh	Percent
Fossil	9,258	94.6%
Biomass	0	0.0%
Steam	0	0.0%
Distributed PV	529	5.4%
Utility Solar	0	0.0%

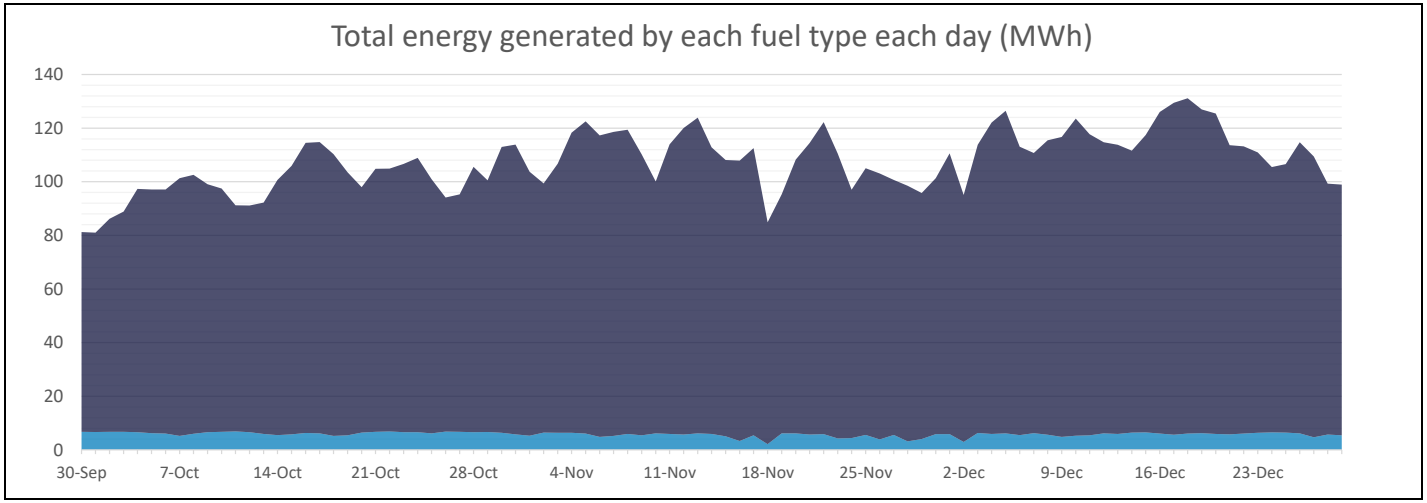




Best Hour: 25.7% at 11:00, 30 Sep

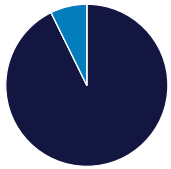
Fuel	MWh	Percent
Fossil	2.5	74.3%
Biomass	0.0	0.0%
Steam	0.0	0.0%
Distributed PV	0.9	25.7%
Utility Solar	0.0	0.0%





Best Week: 7.3% for 30 Sep - 6 Oct

Fuel	MWh	Percent
Fossil	583	92.7%
Biomass	0	0.0%
Steam	0	0.0%
Distributed PV	46	7.3%
Utility Solar	0	0.0%



* 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)

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.

* 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.