

# Tennant Creek Renewables Report: 6 Jan 2025 - 6 Apr 2025

Renewables  
Penetration:

5.0%

Fossil Fuels:

95.0%

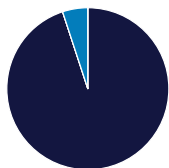
Other Sources\*:

0.0%

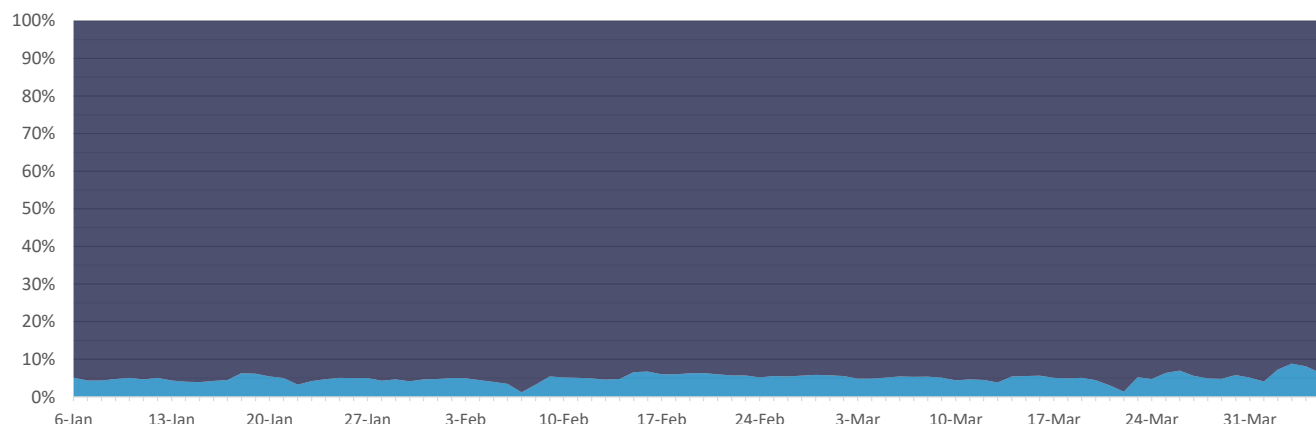
Minimum Gross Demand:	2.2	MW @ 3:00, 3 Apr
Maximum Gross Demand:	7.8	MW @ 15:00, 4 Mar
Minimum Net Demand:	2.2	MW @ 3:00, 3 Apr
Maximum Net Demand:	7.2	MW @ 16:00, 11 Mar
Maximum Renewable Power:	1.0	MW @ 12:00, 3 Apr

## Total Overall

Fuel	MWh	Percent
Fossil	10,039	95.0%
Biomass	0	0.0%
Steam	0	0.0%
Distributed PV	533	5.0%
Utility Solar	0	0.0%

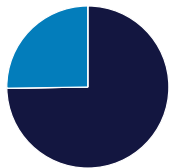


Proportion of energy generated by each fuel type each day

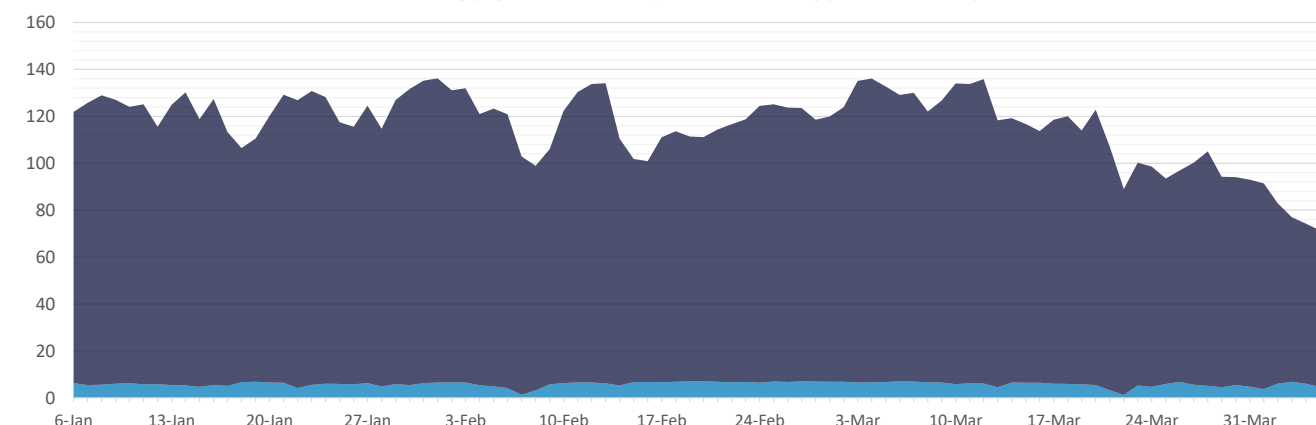


## Best Hour: 25.2% at 12:00, 5 Apr

Fuel	MWh	Percent
Fossil	2.5	74.8%
Biomass	0.0	0.0%
Steam	0.0	0.0%
Distributed PV	0.9	25.2%
Utility Solar	0.0	0.0%

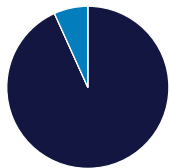


Total energy generated by each fuel type each day (MWh)



## Best Week: 6.8% for 31 Mar - 6 Apr

Fuel	MWh	Percent
Fossil	532	93.2%
Biomass	0	0.0%
Steam	0	0.0%
Distributed PV	39	6.8%
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>)

\* 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:**  
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.