

Northern Territory Renewables Report: 30 Dec 2024 - 28 Dec 2025

Renewables
Penetration:

19.3%

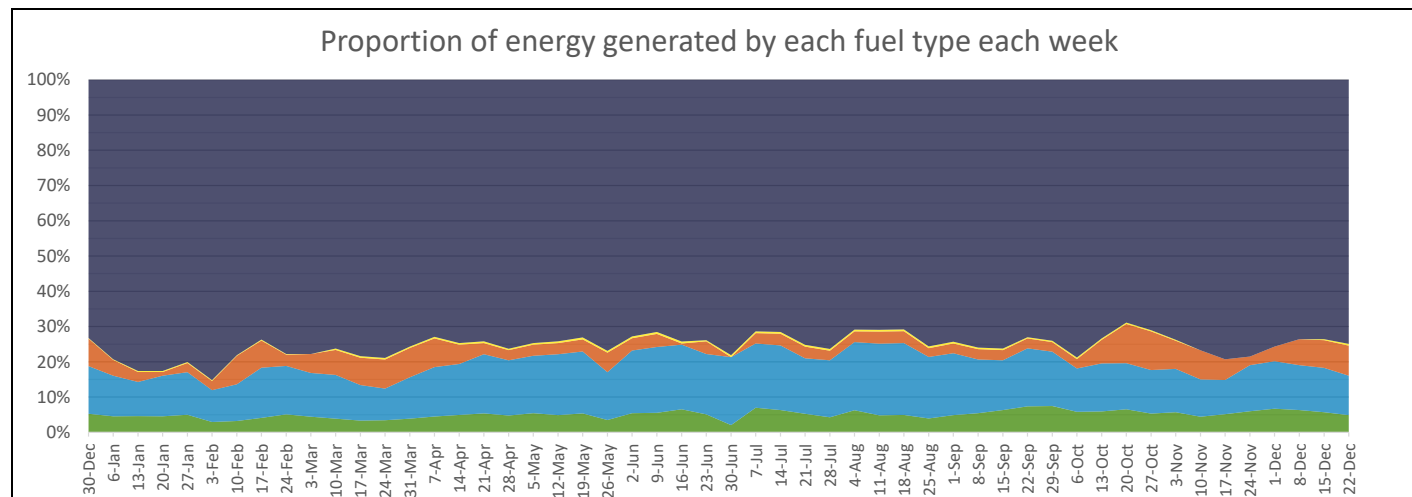
Fossil Fuels:

75.5%

Other Sources*:

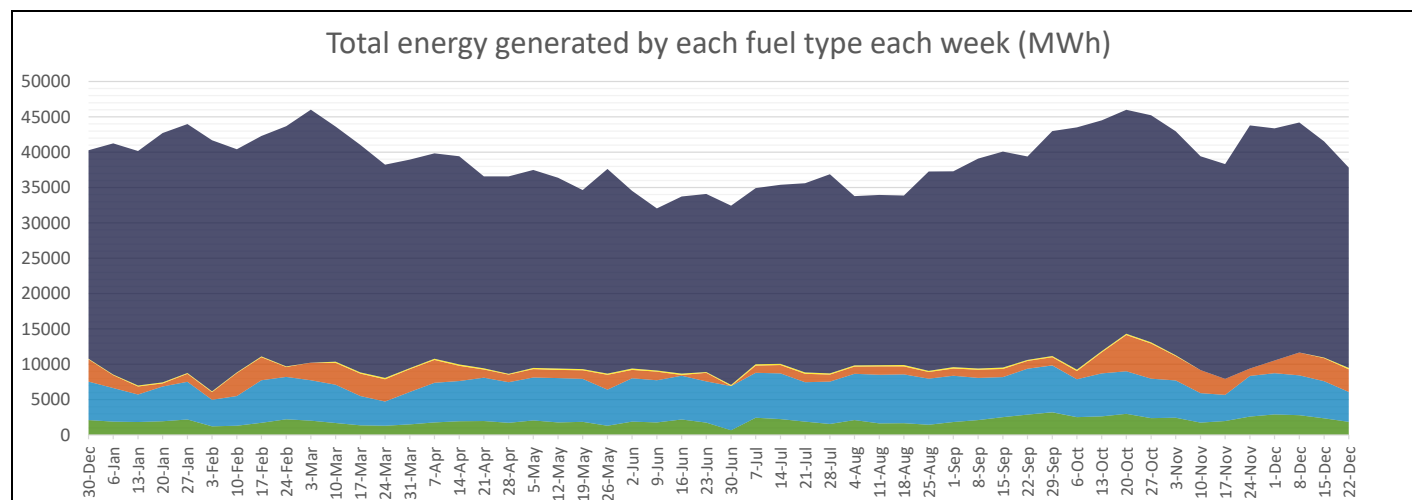
5.2%

Minimum Gross Demand:	126.0	MW @ 4:00, 15 Jun
Maximum Gross Demand:	397.5	MW @ 16:00, 5 Mar
Minimum Net Demand:	82.0	MW @ 12:00, 3 Aug
Maximum Net Demand:	343.6	MW @ 17:00, 11 Mar
Maximum Renewable Power:	184.8	MW @ 12:00, 24 Sep



Total Overall		
Fuel	MWh	Percent
Fossil	1,541,107	75.5%
Biomass	7,060	0.3%
Steam	98,910	4.8%
Distributed PV	290,056	14.2%
Utility Solar	103,795	5.1%

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:		
25.6%	for	4 Aug - 10 Aug
Fuel	MWh	Percent
Fossil	23,946	70.8%
Biomass	179	0.5%
Steam	1,024	3.0%
Distributed PV	6,532	19.3%
Utility Solar	2,119	6.3%

* 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

This report is for informational purposes only and is subject to the accuracy of the source data.