

Northern Territory Renewables Report: 29 Sep 2025 - 28 Dec 2025

Renewables
Penetration:

18.4%

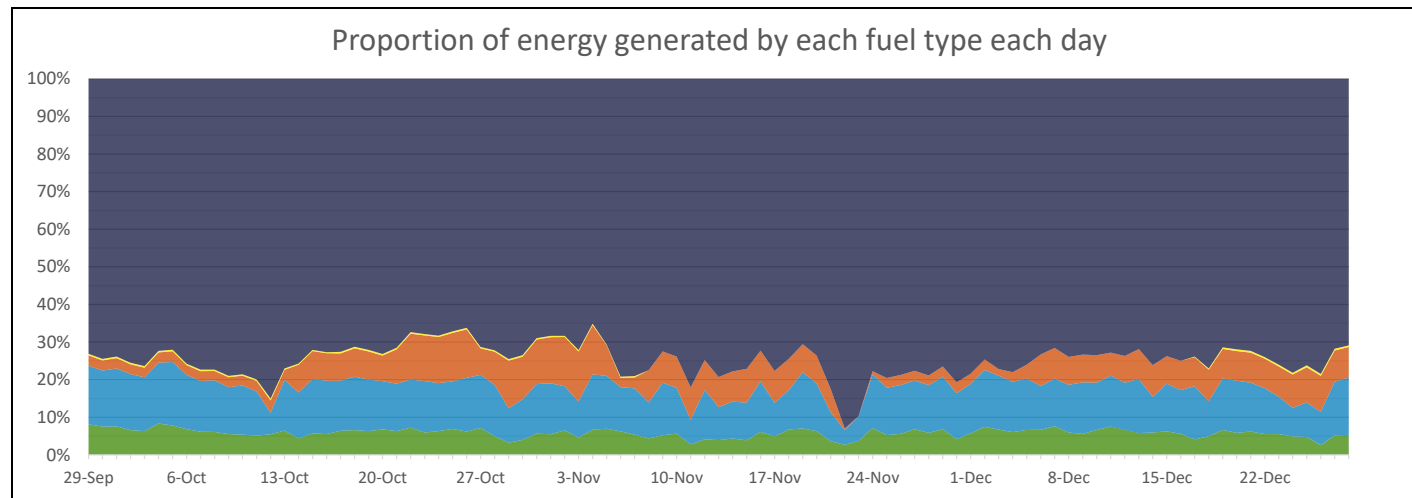
Fossil Fuels:

74.7%

Other Sources*:

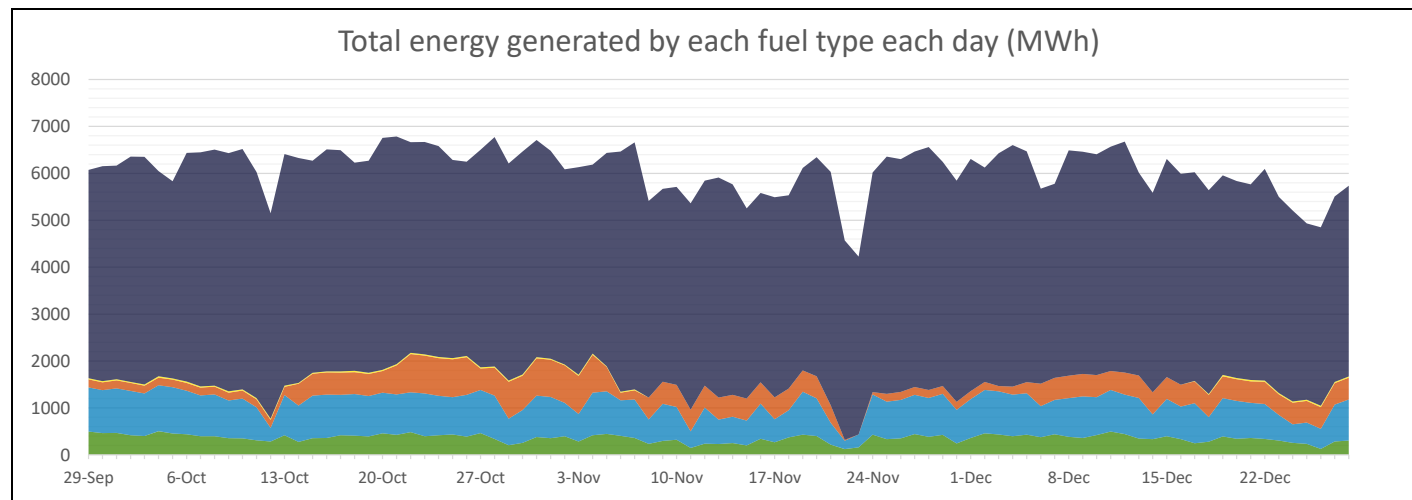
6.9%

Minimum Gross Demand:	127.0	MW @ 4:00, 23 Nov
Maximum Gross Demand:	385.8	MW @ 15:00, 20 Oct
Minimum Net Demand:	127.0	MW @ 4:00, 23 Nov
Maximum Net Demand:	320.6	MW @ 18:00, 28 Oct
Maximum Renewable Power:	182.4	MW @ 12:00, 1 Oct



Total Overall		
Fuel	MWh	Percent
Fossil	413,514	74.7%
Biomass	1,245	0.2%
Steam	36,958	6.7%
Distributed PV	69,471	12.5%
Utility Solar	32,424	5.9%

Best Hour:		
59.3%	at	11:00, 5 Oct
Fuel	MWh	Percent
Fossil	107.5	38.0%
Biomass	1.1	0.4%
Steam	6.5	2.3%
Distributed PV	122.8	43.4%
Utility Solar	45.0	15.9%



Best Week:		
22.9%	for	29 Sep - 5 Oct
Fuel	MWh	Percent
Fossil	31,810	74.0%
Biomass	176	0.4%
Steam	1,162	2.7%
Distributed PV	6,629	15.4%
Utility Solar	3,204	7.5%

* 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.