

Northern Territory Renewables Report: 1 Apr 2024 - 30 Jun 2024

Renewables Penetration:

16.6%

Fossil Fuels:

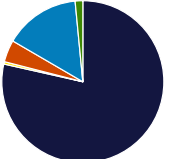
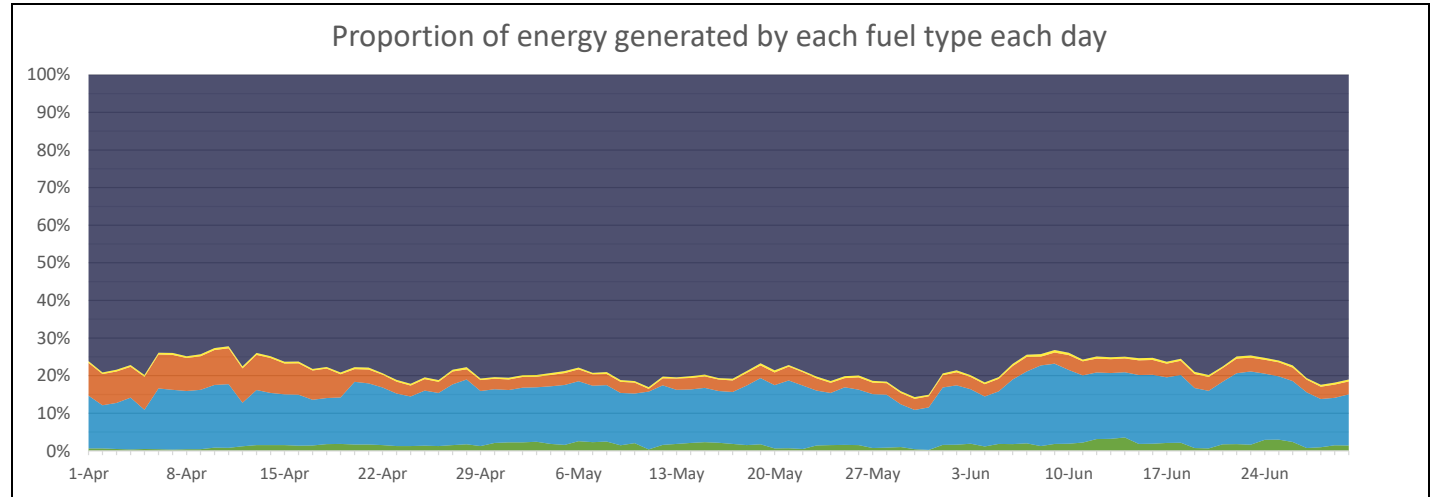
78.5%

Other Sources*:

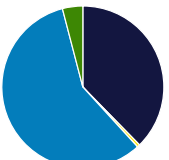
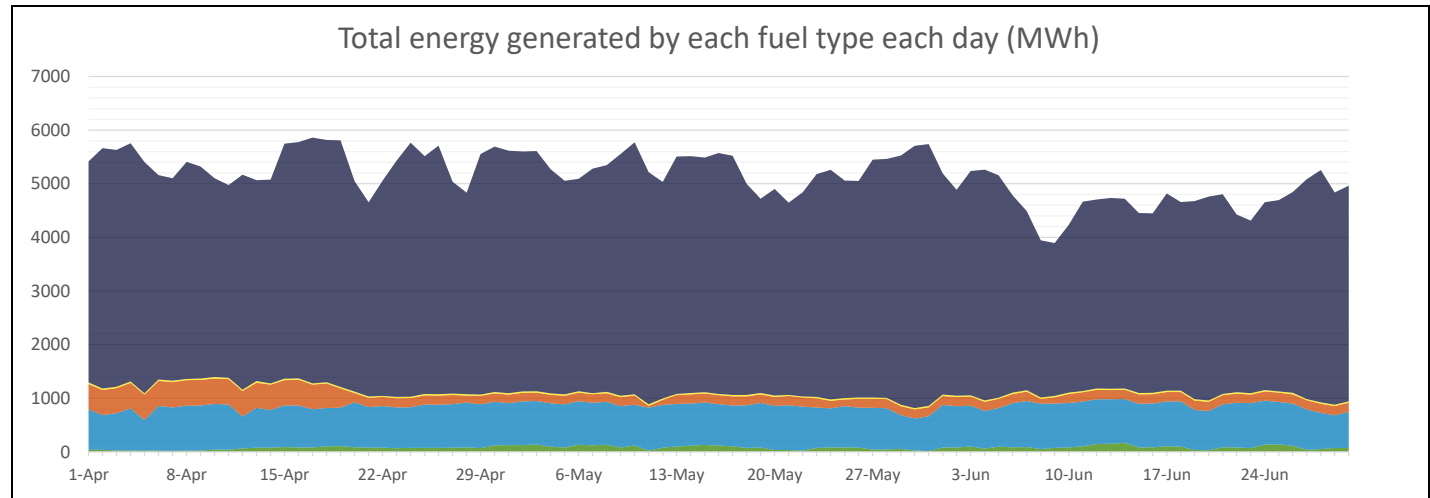
4.9%

Minimum Gross Demand:	116.3	MW @ 4:00, 9 Jun
Maximum Gross Demand:	327.4	MW @ 15:00, 2 Apr
Minimum Net Demand:	78.1	MW @ 12:00, 8 Jun
Maximum Net Demand:	284.6	MW @ 18:00, 17 Apr
Maximum Renewable Power:	129.7	MW @ 13:00, 14 Jun

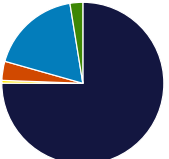
Total Overall		
Fuel	MWh	Percent
Fossil	367,264	78.5%
Biomass	2,254	0.5%
Steam	20,557	4.4%
Distributed PV	70,585	15.1%
Utility Solar	7,118	1.5%

Best Hour:		
61.8%	at 13:00, 9 Jun	
Fuel	MWh	Percent
Fossil	73.3	37.7%
Biomass	1.1	0.6%
Steam	0.0	0.0%
Distributed PV	112.4	57.7%
Utility Solar	7.9	4.1%

Best Week:		
20.6%	for 10 Jun - 16 Jun	
Fuel	MWh	Percent
Fossil	23,980	75.0%
Biomass	175	0.5%
Steam	1,213	3.8%
Distributed PV	5,775	18.1%
Utility Solar	816	2.6%



* 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.