

# Alice Springs Renewables Report: 1 Jul 2024 - 29 Sep 2024

Renewables Penetration:

18.9%

Fossil Fuels:

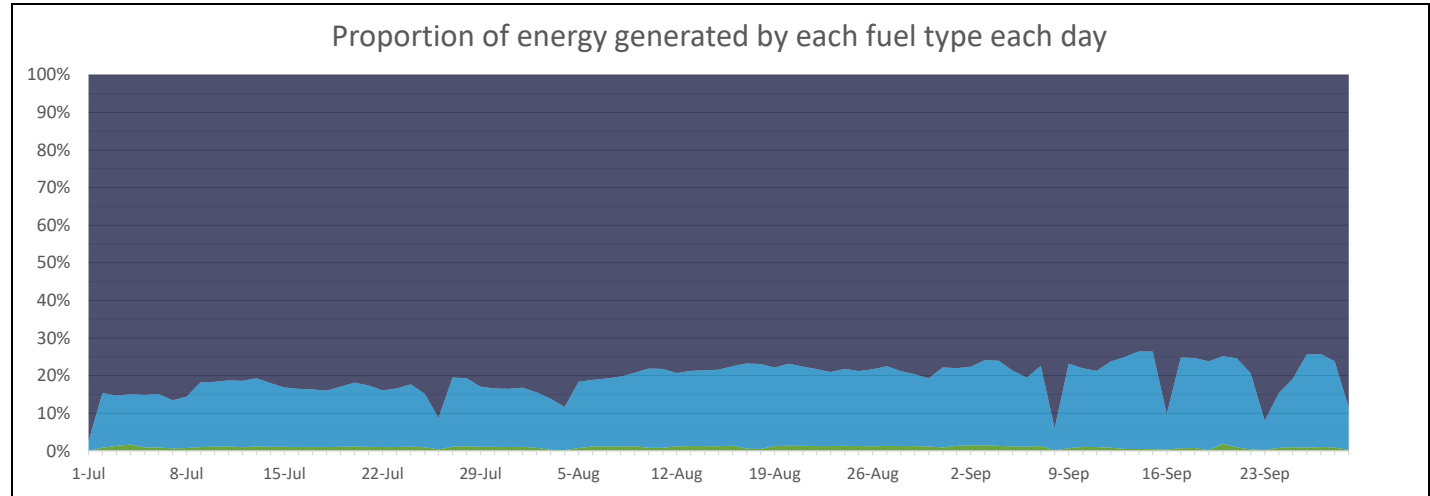
81.1%

Other Sources\*:

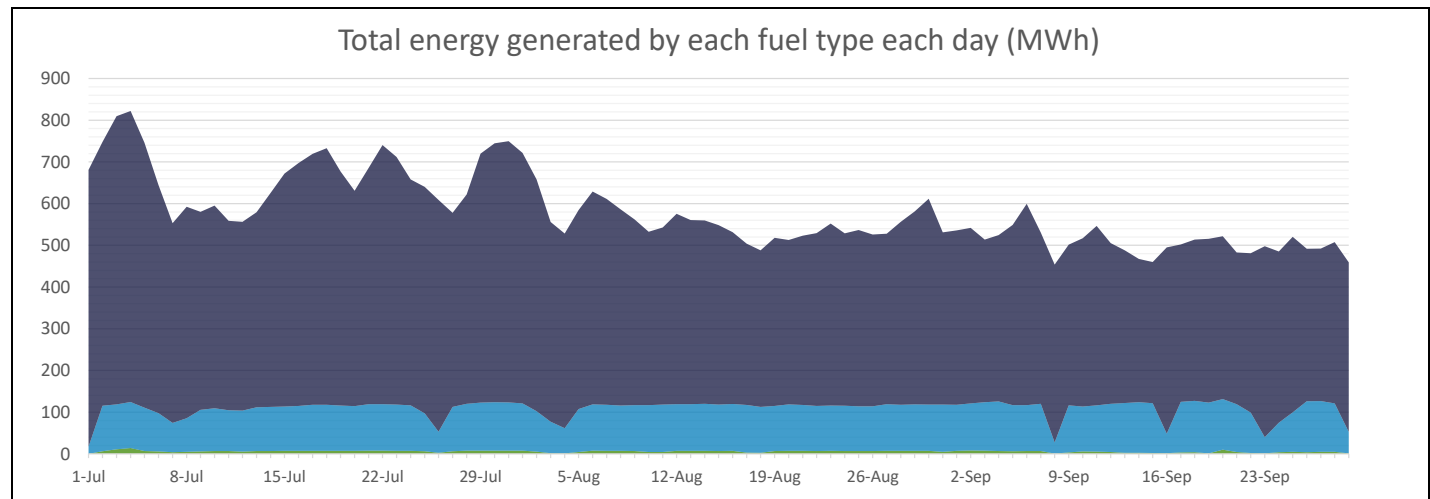
0.0%

|                          |      |                    |
|--------------------------|------|--------------------|
| Minimum Gross Demand:    | 14.2 | MW @ 2:00, 4 Sep   |
| Maximum Gross Demand:    | 44.3 | MW @ 8:00, 4 Jul   |
| Minimum Net Demand:      | 6.6  | MW @ 12:00, 14 Sep |
| Maximum Net Demand:      | 43.5 | MW @ 7:00, 31 Jul  |
| Maximum Renewable Power: | 17.1 | MW @ 12:00, 3 Jul  |

| Total Overall  |        |         |
|----------------|--------|---------|
| Fuel           | MWh    | Percent |
| Fossil         | 42,758 | 81.1%   |
| Biomass        | 0      | 0.0%    |
| Steam          | 0      | 0.0%    |
| Distributed PV | 9,416  | 17.9%   |
| Utility Solar  | 524    | 1.0%    |



| Best Hour:     |                  |         |
|----------------|------------------|---------|
| 71.1%          | at 12:00, 14 Sep |         |
| Fuel           | MWh              | Percent |
| Fossil         | 6.6              | 28.9%   |
| Biomass        | 0.0              | 0.0%    |
| Steam          | 0.0              | 0.0%    |
| Distributed PV | 16.2             | 71.1%   |
| Utility Solar  | 0.0              | 0.0%    |



| Best Week:     |                    |         |
|----------------|--------------------|---------|
| 23.9%          | for 9 Sep - 15 Sep |         |
| Fuel           | MWh                | Percent |
| Fossil         | 2,653              | 76.1%   |
| Biomass        | 0                  | 0.0%    |
| Steam          | 0                  | 0.0%    |
| Distributed PV | 807                | 23.2%   |
| Utility Solar  | 26                 | 0.7%    |

\* 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.