



Adani Renewables Australia



Adani Renewables Australia (ARA) is a pure play large-scale solar developer owner and operator.

ARA is a supplier to the Queensland electricity grid through its state of the art Rugby Run solar project near Moranbah in central Queensland.

The Rugby Run plant uses more than 247,000 panels on part of a 669 hectare site to produce 65 megawatts (MW) of electricity and up to 185,000MWh of renewable energy a year.

100% of the energy generated is sold to one of Australia's leading energy retailers under a long term Power Purchase Agreement.



What is a megawatt hour (MWh)?

One Megawatt (MW) is 1,000,000 watts of electricity. A watt of electricity is a measure of power. A Megawatt hour (MWh) is equivalent to one million watts of electricity being used or generated for one hour. Megawatt hours is the standard unit in which electricity is bought and sold.





Fast Facts

The site:

- Moranbah averages 320 days of sunshine a year*
- The project site was previously used for low level cattle grazing

The build:

- The project took 12 months to build
- More than 175 people were employed at peak construction
- Includes panels manufactured by Mudra Solar Panel Ltd – an Adani Group company
- Each panel is 1.95m long and 0.99m wide and weighs 22.2kg

Operations:

- The 185,000 MWh generated is enough to power 23,000 homes for a year
- Uses a single axis tracking system to follow the sun
- The site can be run remotely from anywhere in the world
- Serviced by a team of onsite HV electricians

*Source: Australian Bureau of Meteorology climate statistics

What international experience does the Adani Group bring to Australia?

The Adani Group is one of world's largest generators of solar energy. The Group has 2.5 gigawatts (GW) of renewables assets in operation in India (at the end of 2019) and more under construction.

The company also has the capacity to manufacture 1200MW of solar photovoltaic modules – rated as Tier 1 Bankable by Bloomberg New Energy Finance – annually at its plant in Mundra, India.

ARA is able to benefit from this global experience to deliver commercially successful renewables projects as part of the solution to reliable, best practice energy generation.

The Adani Group is investing in both renewables and coal to meet demand in India and other parts of South East Asia:



2.5GW

of renewable generation operating, with a further 2.9GW under construction



2019

sixth largest solar player globally



Pipeline

of new projects