



Chaff Mill Solar Farm

Overview

Leading Australian solar developer, FRV Services Australia (FRV), is developing a utility-scale solar farm approximately 3.5km north-east of Mintaro.

The proposed solar farm will be built across a 380-hectare site. The solar farm will have a 100-megawatt (MW_{AC}) capacity – enough to power approx. 60,000 average South Australian homes with clean, renewable energy.

The project is in the planning phase and received Development Approval from the South Australia Minister for Planning in January 2020. Adjacent residents and stakeholders will be kept up to date on the plans and expected project milestones by FRV and its contractors

Chaff Mill Solar Farm will deliver clean, zero emissions electricity to meet the region's energy needs.

The Site

The project site was selected for its proximity to grid infrastructure, good drainage and largely cleared land. The level of solar irradiation also makes it a suitable site for a solar farm.

The site is currently used for crops. Zoning will not change as solar farms are considered compatible for development alongside other forms of agriculture.

The solar farm development will have a low level of environmental impact as the site has been largely cleared and heavily disturbed by previous cultivation and cropping.



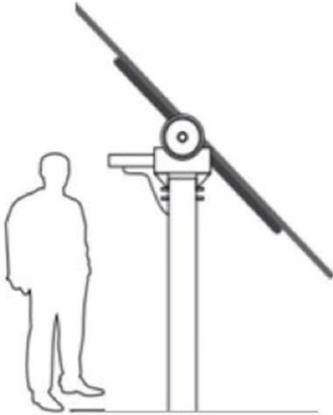
The Solar Farm

If approved, Chaff Mill Solar Farm will use the latest in solar photovoltaic (PV) panel technology. Ultra-absorbent solar panels with anti-reflective coating will be installed on tracking systems that allow them to follow the sun. This enables them to capture the maximum amount of sunlight possible, increasing the efficiency and output of the solar farm.

Design and layout of the Chaff Mill Solar Farm will be compliant with local planning laws and will specifically aim to minimise environmental, cultural heritage and neighbour impacts.

Visual appearance

Typically, solar farm developments are relatively unobtrusive as they are low profile. Solar panels will be installed at the same height or lower than other existing features in the landscape and vegetation screens will be planted where needed to protect the amenity of nearby residents.



Artists impression of Solar Farm panel and mount

There are not expected to be any glint or glare hazards created by the solar panels.

To connect to the grid, the solar farm will have a substation on the western side of the site to connect to ElectraNet's existing 132kV Mintaro to Waterloo transmission line.



Environment

FRV is committed to environmentally sensitive development and the protection of local flora and fauna. Detailed ecological assessments have been completed for the site and the solar farm will be designed to minimise environmental impact.

Community

Engagement on the project commenced in 2017 ahead of the Development Application process.

FRV has been consulting with nearby residents, the local community, State Parliamentary members as well as council and community interest groups.

FRV is committed to ongoing community and stakeholder engagement and looks forward to being a part of the community.

Consultation with residents and stakeholders will be ongoing as the development progresses.

About FRV

FRV Services Australia Pty Ltd is a subsidiary of Fotowatio Renewable Ventures (FRV).

FRV is a leading global developer of renewable energy solutions for a cleaner and more sustainable future.

Since entering the Australian market in 2010, FRV has initiated multiple large-scale solar farm developments in NSW, Victoria, South Australia, and QLD. This includes the Royalla Solar Farm near Canberra that was the winner of the first ever solar ACT government auction.

FRV's track record includes:

- A trusted reputation as a leader in our field with a proven track record of over 10 years successfully delivering renewable energy solutions.
- A respected international team with more than 130 highly qualified professionals from all over the world.
- Development and construction of 1 GWdc of installed power for the generation of sustainable and clean energy.
- Successful project financing of more than US\$3 billion with more than 20 of the world's leading financial institutions.



Powering a Sustainable Future

If you would like to receive further information about the project or provide feedback to FRV please get in touch with us via email: chaffmillsolarfarm@frv.com