TERANG BESS
FREQUENTLY ASKED

FRV
Powering a Sustainable Future

GENERAL

Q **What is proposed?**

A FRV is proposing to construct and operate a 100MW/200MWh Battery Energy Storage System (BESS) which will assist the electrical grid at times of peak demand.

Q **Who is FRV?**

A FRV Services Australia (FRV) is a highly experienced and capable solar farm developer and operator. FRV has developed 1.6 gigawatts (GW) of renewable energy projects globally and our current portfolio of solar farms and batteries in Australia includes:

- Moree Solar Farm – 70 MW – Operational since 2016
- Lilyvale Solar Farm – 125MW – Operational since 2019
- Goonumbla Solar Farm – 83.7MW – Operational since 2020
- Winton Solar Farm – 106MW – Operational since 2021
- Sebastopol Solar Farm – 90MW – Operational since 2022
- Metz Solar Farm - 115 MW – Operational since 2022
- Dalby Solar Farm and BESS – 5MW – Operational since 2023
- Walla Walla Solar Farm – 350MW – Under Construction
- Lauriston Solar Farm (NZ) - 61MW – Under Construction
- Terang Battery Energy Storage - 100 MW/200MWh – Pre-Construction
- Tieri Solar Farm -100MW – Pre-Construction
- Bluewater Solar Farm – 80MW – Pre-Construction
- Ravenswood Solar Farm – 63MW – Pre-Construction
- Gnarwarre Battery Energy Storage - 250MW/500MWh – Pre-Construction
- Fosterville Solar Farm and BESS - 100MW – Pre-Construction
- Maules Creek Solar Farm and BESS - 180MW – Under development
- Armidale East BESS - 400MW/1600MWh – Under development

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Q What stage is this project at?

A The Project obtained approval via Section 20 (4) of the *Planning and Environment Act 1987* and is currently preparing for construction. FRV will oversee construction by a subcontractor and will own and operate the project.

Q Where will this project connect to?

A The project will connect to Ausnet's 220kV Terang Terminal Station via a new Bay and approximately 150m long 220kV line.

Q When will construction commence and how long will construction take?

A The construction start date is dependent on a variety of factors, including selecting a construction company and receiving grid connection approvals, negotiation of a Power Purchase Agreement and completion of the Financial Close process. Once construction contractors are appointed, works on site are to take approximately 20 months.

Q Will FRV stay on as the project owner?

A Yes. Our approach is to develop and acquire BESS and large-scale solar energy projects to own and operate for the long-term. FRV has sold assets in the past, but our core business model is to retain assets as this provides us with a sustainable return on investment and ensures we manage the running of our assets directly. For us, it is important that our assets are operated responsibly and perform well over their lifetime.

Q How long will this project operate for?

A The operational life of the project is expected to be 30 years. After this time, the site will either be rehabilitated and returned to its original purpose as freehold land or depending on future energy requirements the project may be reutilised, subject to landowner agreements and existing approvals.

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DESIGN CONSIDERATIONS

Q Why has this site been chosen?

A The site is located at 70 Littles Lane, Terang. The site was selected due for the following reasons:

- Proximity to the Terang Terminal Station - facilitating a short distance to connect (via an overhead transmission line).
- Favourable topography - due to it being relatively flat and previously cleared for grazing.
- Compatibility with existing and surrounding land uses – the Terang BESS will be directly adjacent to the Terang Terminal Station.
- Favourable connections to major transport links via the Princes Highway.

The design of the facility considers existing features associated with the site including creek lines and vegetation.

TECHNICAL

Q What type of BESS units will be used?

A The specific battery, transformer and connection technology will be selected prior to commencement of construction. This is due to the constant developments in battery technology and due to procurement constraints when importing equipment and plant from overseas.

Q How high will the units be?

A BESS units will be built on a concrete pad. The BESS units would be approximately 3 m tall. The facility will not exceed the height of the nearby Terang Terminal Station.

SOCIAL AND ECONOMIC

Q How many jobs will be created by the construction of the project?

A Employment opportunities will range from skilled to manual labour, with jobs potentially reaching 50 during the peak of construction. Prioritising the use of qualified local contractors is always consideration for FRV when developing a project. We strongly encourage individuals to put forward their interest in employment either for labouring or as a supplier via our website.

Q How many jobs will be available during operations of the project?

A 1 or 2 permanent roles are likely to be required for the operation of the project. Additional contractors may be required for incidental and routine maintenance and would likely be met by local contractors.

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Q **Will there be a contact onsite at all times in case of emergency?**

A The plant is fully maintained throughout the life of the project. There will be a 24/7 contact. An Operations Manager and other staff members will be based near the site. The project will also be monitored 24/7 by remote CCTV.