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July 2024

# FACT SHEET

## Terang BESS

### Overview

Leading Australian solar and battery developer, FRV Services Australia (FRV), is developing a utility-scale battery energy storage system (BESS), approximately 19 kilometres west of Camperdown, near the town of Terang in the shire of Corangamite.

The Terang BESS will have a total anticipated discharge capacity of 100 megawatts (MW) and a storage capacity of 200 megawatt hours (MWh).

Development approval was obtained in May 2021. The planned construction start date is in 2024 and will extend for approximately 20 months.

Once operational, the Terang BESS will improve the reliability of the electricity network by storing power when there is a lot of energy available (for example during the day) and releasing this stored energy when demand is higher.

Community engagement is an important part of our approach as it allows us to understand stakeholders' views and expectations. Adjacent residents and stakeholders will be kept up to date by FRV and its contractors on the plans and expected milestones.



## Map of the Project



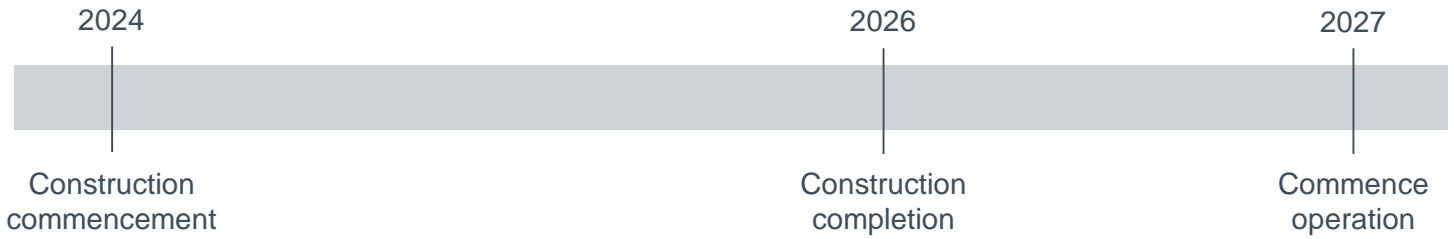
## The site

The Terang BESS is located at 70 Littles Lane, Terang and adjacent to the Terang Terminal Station. The BESS will connect to the Terang Terminal Station which is the main source of supply for over 70,000 customers in Terang and the surrounding areas of Colac, Camperdown, Cobden, Warrnambool, Koroit, Portland, and Hamilton. This proximity allows for a short, efficient connection via overhead transmission lines.

The site was previously used for grazing and is on land within the Farming Zone. Land zoning will not change because of the project. The project will be decommissioned at the end of its operational life.



## Project Timeline



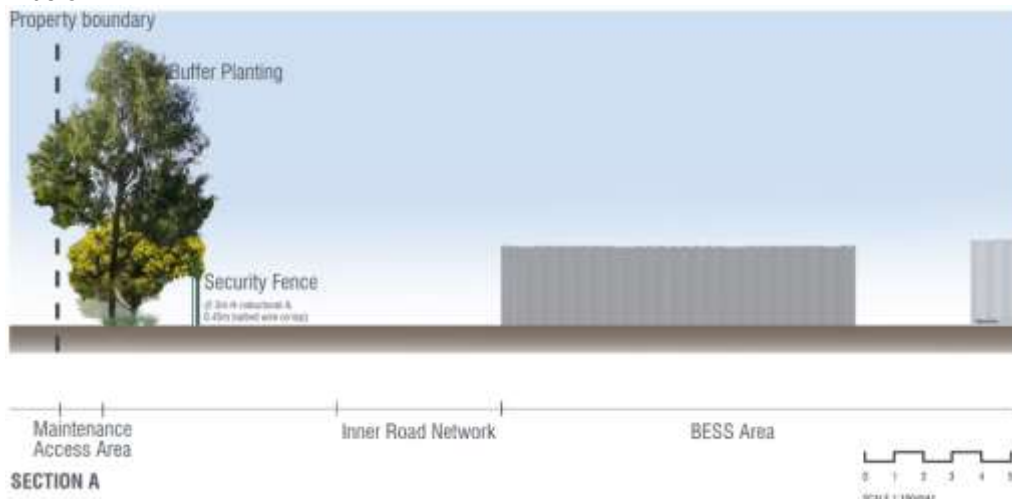
## The BESS

BESS facilities serve an important role in improving the reliability of the electrical grid. The Terang BESS will store low-cost electricity (such as solar or wind energy) when there is an oversupply or during periods of low demand and will discharge the energy back into the grid when demand is higher. BESS facilities also stabilise the grid during disruptions and protect the network from blackouts.

### Visual appearance

The Terang BESS will primarily consist of approximately 80 enclosed battery units. Once installed, the units will be approximately 3 metres tall. The battery units will be supported by a series of inverters and transformers to convert the energy for injection into the network. The facility will connect to the Terang Terminal Station by a short overhead transmission line and circuit breaker.

Buildings, including the battery units, will be painted a matte colour to be visually recessive and to reduce reflectivity. The BESS will be screened on all sides by a landscaped buffer, comprising a mix of grasses, ground covers and low and tall shrubs. An indicative cross-section is shown below.



### Environment

A detailed development application was prepared for the project to determine the potential for adverse impacts to the surrounding natural and built environment. The application involved studies into the potential for noise, traffic, and ecological impacts and risks associated with bushfire and drainage. Additionally, a cultural heritage management plan was undertaken to assess the potential for Aboriginal cultural heritage values at the site and the need for protection.

### Community Value

The project will contribute to the local community through ongoing employment during construction and operation. Operational jobs will be required ongoing and FRV will hire local staff, where possible, under the Local Jobs First policy.

FRV is supporting local groups through sponsorships and grants. If you are interested in further information about our grants for community organisations, please contact us.

## About FRV

Fotowatio Renewable Ventures (FRV) is part of Abdul Latif Jameel Energy and is a leading developer of sustainable energy solutions. FRV Australia is one of the largest solar developers, asset owners and renewable energy platforms in Australia. FRV Australia has connected or is building over 1 GWdc of Australian photovoltaic (PV) assets across a portfolio of projects across Victoria, New South Wales, and Queensland. FRV is an independent power producer meaning that it develops, finances, invests in, builds and operates its own plant and facilities.

You can contact FRV via our dedicated inquiry form at:

<https://terangbess.com/contact-us/>

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Or via our Toll Free Number: 1800 997 403.