

Dederang FAQS



Mint is proposing to develop a Battery Energy Storage System (BESS) adjacent to the existing Dederang Terminal Station.

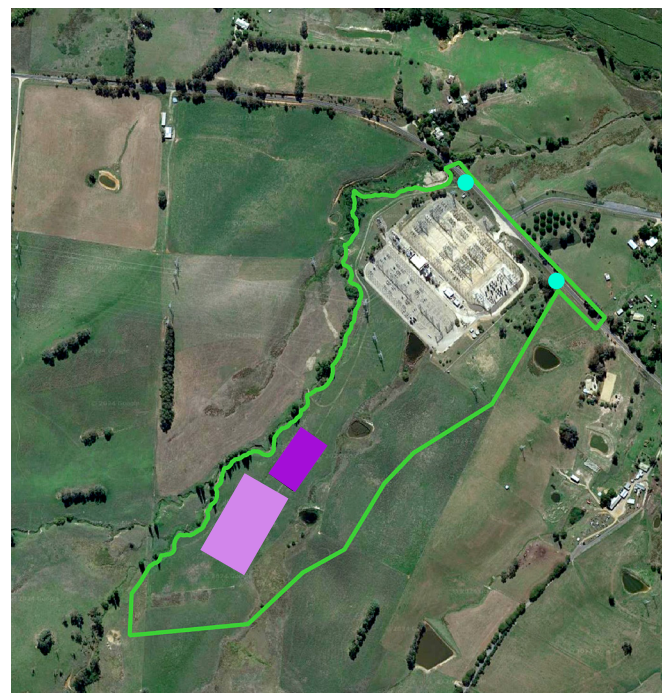
We are targeting a nominal installed capacity of 400 MWh (e.g. a 200MW 2 hour system, or 100 MW 4 hour system) with an indicative development footprint of approximately 4 ha.

The project will include:

- BESS modules, inverters and transformers.
- Access roads in and out of the site, and upgrades to the site entrance.
- Underground cabling to connect the battery modules, inverters and transformers.
- Underground or overhead powerlines to connect the BESS to the existing Dederang Terminal Station.
- Permanent operations and maintenance facility, including car parking.
- Temporary site compound facilities for construction.
- Civil and structural works including laying of crushed rock.
- Water storage (including firefighting water supply and fire water runoff containment) and fire breaks.
- Noise mitigation solutions (noise wall and/or other).
- Landscaping to mitigate visual impacts.
- Security fencing and signage.

Additionally, works will be required within the Dederang Terminal Station site to facilitate the connection of the BESS to the grid. These upgrades will include the installation of high voltage electrical equipment.

The number of battery units will depend on the battery supplier, the total MW of the project and the duration of the system, e.g., 100MW 4 hr system, or 200MW 2hr system. The size of each unit differs between battery suppliers.



- BESS Investigation Area
- Indicative Substation Location
- Indicative BESS Location
- Indicative Site Access

Dederang BESS FAQs

Environmental Studies and Requirements

Fire and Hazard Risk

Community safety and fire risk is an important and key consideration in the design of a BESS.

The BESS will be designed to the highest standards for fire safety. The CFA have strict management guidelines which the BESS will be required to meet.

Like all electrical equipment, batteries require careful design and management to ensure fire risk is managed and controlled. The final design will be required to meet all technical standards to minimise the risk of fire and thermal runaway, including fire preparedness within the BESS or a bushfire in the surrounding area. Mitigations may include:

- Setbacks from unmanaged vegetation, separation distances between BESS units and dedicated firefighting water supply.
- Appropriate access track and access point design for both access and egress (e.g. perimeter road, dual access/egress, passing bay).
- Clear management measures set out in agreed emergency and risk management plans.
- Infrastructure to collect any fire water runoff on site.

BESS are designed to manage chemicals on site. Containment measures such as bunding and spill trays are in place to capture liquids on site, should a leak occur.

Mint are working closely with a fire risk consultant, and in consultation with the CFA, to ensure the indicative (and final) design of the project will meet all standards and requirements.

Noise

Victoria has one of the strictest noise compliance requirements for BESS in Australia. The noise limits are governed by the Victorian EPA's Noise Protocol, with BESS defined as industrial facilities. Indicative limits for the Dederang site are:

- Day (Monday to Saturday, except public holidays, 7am to 6pm): 45 dB(A)
- Evening (Monday to Saturday 6pm to 10pm, Sunday and Public Holidays 7am to 10pm): 39 dB(A)
- Night (10pm to 7am the following day): 34 dB(A)

Final limits will be determined after conducting background noise monitoring. Mint are working closely with an acoustic consultant to ensure the project can and will meet these requirements.



Dederang BESS FAQs

Landscape and Visual

The site is within a Significant Landscape Overlay – Schedule 1 (Upper Kiewa Valley Significant Landscape area), which seeks to protect the character of the valley.

Whilst the project would not be completely screened from view, the locations along public roads, public spaces or most private viewpoints where the project would be visible are minimised by the terrain of the site (e.g. elevated ridgelines either side).

The location adjacent to the Dederang Terminal Station maximises the use of existing infrastructure to reduce the impacts on nearby residents.

Additional measures, including design and landscaping are being investigated to further minimise potential visual amenity impacts. Visual assessments are ongoing and will help to inform the project as the design progresses.

Waterways

Two waterways run either side of the site. Flood modelling and consultation with the CMA has informed the current indicative design including setbacks and crossing locations. Additional modelling and consultation are ongoing to ensure the indicative design will meet the CMAs expectations.

Flora and Fauna

An ecology due diligence assessment found that native vegetation within the study area is limited to the AusNet owned land to the east of the Dederang Terminal Station and within the Yackandandah-Dederang Road road reserve.

Some trees are likely to be removed to facilitate access. A design is currently being developed to minimise this impact.

Cultural Heritage

Whilst the project will not intersect with any areas of Cultural Heritage Sensitivity, a voluntary Cultural Heritage Management Plan is currently being prepared.

There are no historic heritage requirements for the project.

Transport and Traffic

A preliminary intersection upgrade design has been developed to facilitate safe access into the site, including some intersection upgrade works. A traffic impact assessment is currently being undertaken. The traffic assessment will include information on the traffic impacts including how many vehicles could be expected, and potential transport routes and any necessary upgrades.



Dederang BESS FAQs

Planning and Environmental Approvals Process

To date, we have been undertaking feasibility studies and constraints analysis to inform what a BESS could look like in this location.

The findings from these studies and engagement with key stakeholders has informed the current indicative design of the project, including its size, layout and mitigation measures required.

What we learn through ongoing consultation with stakeholders will be used to inform updates to the indicative design, mitigation measures and impact assessments and a planning permit application.

A planning permit from the Minister for Planning will be required for the project, which is anticipated to have a formal public submission period. In addition to formal notification requirements set by the Minister, Mint will communicate when the application is available for comment via our website and newsletter subscription.

Construction

The final size of the BESS will determine the construction period, however, construction typically takes between 6 to 12 months.

There are a range of requirements, standards and guidelines in place to ensure construction is well planned and effectively managed.

Requirements are set by government authorities (e.g. CFA, EPA, CMA, and other state government departments), developed as part of the approvals process, and built into construction contracts.

Management plans are developed to ensure that potential impacts are managed, and all requirements are understood and addressed by the project.

Management plans will set out the approach to managing all aspects of construction including (but not limited to):

- working hours
- biodiversity
- water and dust management
- noise and vibration controls
- safety and security
- heritage
- traffic

Feedback and suggestions for how local impacts could be managed and minimised during construction are welcomed.

Input from communities and other stakeholders during a project's development will help inform construction and environmental requirements and mitigation measures employed.

Who is Mint?

Mint Renewables is a developer, owner and operator of renewable energy and storage projects. The team was formed in late 2022 and is headquartered in Melbourne, working across Australia in the locations where our projects are proposed.

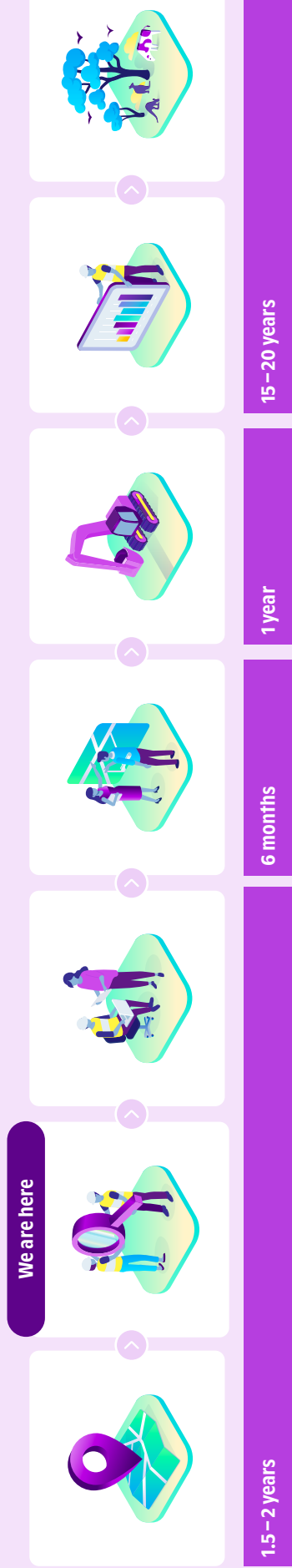
The team has extensive experience in Victoria in the development, construction and operations of wind and storage projects, and collectively have worked in key roles on a significant proportion of projects ever built in Australia.

We are committed to engaging respectfully with the communities in which we plan and operate projects, to be sensitive to environmental and cultural values and to make a positive contribution to the regions in which we will operate. We aim to be long-term members of the communities we invest in.



Image: Fluence

Indicative project timelines



Community and Stakeholder Engagement

Site Identification	Feasibility & Specialist Studies	Planning & Environment	Commercials & Procurement	Construction	Operation	Decommissioning
<ul style="list-style-type: none"> Desktop assessment of site suitability Engagement with landowners 	<ul style="list-style-type: none"> Energy modelling Grid investigations Biodiversity Cultural heritage Noise Landscape and visual Traffic and transport Bushfire and other hazards Hydrology Layout development 	<ul style="list-style-type: none"> Planning Permit Application lodged Environmental referrals and assessments (if required) Formal public exhibition and comment process Decisions on permit applications & referrals 	<ul style="list-style-type: none"> Engineering and design Geotechnical studies Grid connection agreement Procurement Offtake Financing Financial investment decision 	<ul style="list-style-type: none"> Site establishment Civil and electrical balance of plant BESS installation Grid connection 	<ul style="list-style-type: none"> Ongoing maintenance Environmental compliance (e.g. noise monitoring) Ongoing community investment 	<ul style="list-style-type: none"> Removal of aboveground infrastructure Revegetation

Dederang BESS FAQs

Benefits

Battery Energy Storage Systems, or BESS, provide the ability to store energy, so that excess energy produced during periods of low demand or high output (e.g.: from variable sources such as wind or solar) can be stored for use during periods when there might otherwise be a shortfall in supply.

BESS can also operate flexibly with very fast response times and can be used to provide a range of services to support the stable operation of the electricity grid including frequency regulation and voltage control.

Initial grid investigations suggest that this is a suitable location to provide the types of services BESS offer.

Battery storage is an important part of the transition to clean energy, supporting renewable energy sources like solar and wind, ensuring the population of Victoria has access to reliable and affordable electricity supply.

Employment, Goods and Services

The project will provide benefits through a boost to local and regional economy and local businesses and jobs during construction. For a project of this size, it could include around 150 direct construction jobs.

Typical jobs created during construction include:

- General labourers
- BESS installers
- Concrete workers
- Accommodation providers
- Local pubs, hotels, food and service providers

During the operation of a BESS, employment is generally limited to inspection and maintenance activities by the BESS operator. Mint is committed to employing local people and buying local wherever possible. Mint, as the owner of the BESS facility, will not typically be directly employing workers.

However, opportunities will exist with our delivery partners and contractors (and their sub-contractors). We want local businesses and suppliers to submit their interest in contributing to the construction of the project. If you are interested in providing goods and services, please register your interest on our goods and services register on our project website.

If the project proceeds, we will notify those registered when our partners have been appointed, and provide our goods and services register to these parties.

Scan this QR code to sign up to our goods and services register



Image: Fluence

Dederang BESS FAQs

Benefit Sharing

On behalf of the host landowners, Mint has committed to establishing a community fund (of the value of \$70,000 per annum) from the commencement of operations.

Our current intent is that the fund will be managed by a committee made up of representatives by the community. The committee will make the decisions on how the funding is distributed.

Mint will also look to develop other ways to share benefits of the project, informed by engagement with stakeholders throughout the development phases of the project. Potential other benefit sharing opportunities that will be explored include (but are not limited to):

- scholarships with local educational institutes targeted at local students and STEM or environmental courses;
- educational site visits during operations for school groups with an interest in electrical engineering or renewables; and/or
- school or university visits by project staff to talk about the project and careers within the renewables industry.

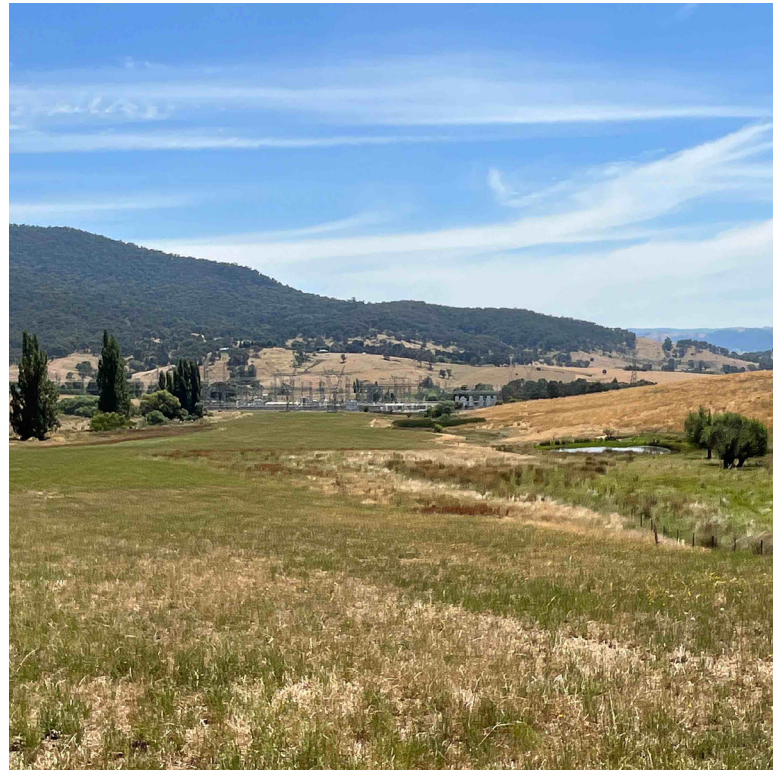


Image: Fluence

How do I find out more and/or provide feedback?

Feedback and questions are always welcome. If you have any concerns or local knowledge that could help us then please get in contact by phoning us on 1800 HI MINT (446 468) or emailing us at info@mintrenewables.com.

You can find our Complaints Handling Procedure on our website, or we can send you a copy on request.

How do you keep people informed?

We use a range of tools to keep people up to date. These include:

- website – dedicated project page
- meetings, phone calls, emails and/or letters to anyone directly affected
- regular newsletters
- construction updates – via email or text message
- fact sheets
- information displays in nearby towns – community noticeboards
- drop-in information sessions
- presentations to community groups and organisations



Scan this QR code to fill in our online feedback form.

Contact us

1800 HI MINT (446 468)

dederangbattery@mintrenewables.com

complaints@mintrenewables.com

www.dederangbess.com.au

www.mintrenewables.com

We know that for our projects to be successful, we must have the support of key stakeholders. Landowners, neighbours, communities and local authorities are our priority.