

ADVERTISED
PLAN

Tragowel
BESS

Fact Sheet - October 2025

Image: Kerang Terminal Station

The Tragowel BESS is a proposed battery storage project designed to improve energy reliability and deliver lasting benefits for the local community.

The Tragowel battery energy storage system (BESS) is a proposed 200 MW/800 MWh utility-scale energy storage project, located approximately 7 kilometres south of Kerang, within the Shire of Gannawarra. Sited close to the Kerang Terminal Station, this strategic location ensures strong connectivity to the local electricity grid, making it a crucial infrastructure project for the region.

Supporting local energy reliability

The proposed Tragowel BESS would help to strengthen the local electricity network. A BESS is designed to store surplus energy, when customer demand is low, and release it when demand is high, supporting a more stable, efficient, and reliable supply of power.

This technology helps manage fluctuations in the electrical grid and can ease pressure, especially during busy periods. By doing so, the Tragowel BESS would help contribute to keeping electricity reliable and affordable for homes and businesses across northern Victoria and beyond.

Helping power a cleaner future

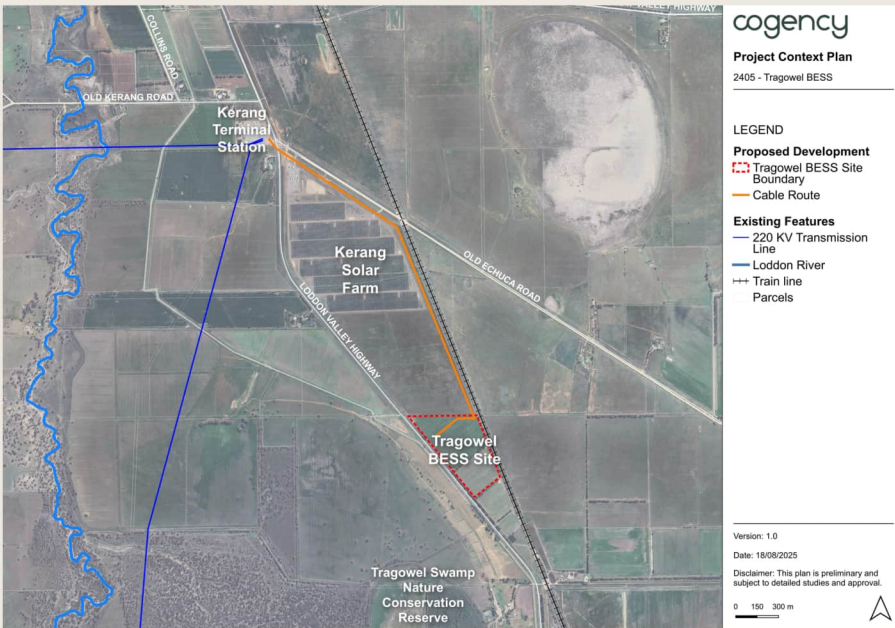
The proposed Tragowel BESS would support local jobs and procurement during construction, with ongoing opportunities for regional contractors and suppliers. Green Switch Australia and Potentia Energy are committed to creating lasting value by prioritising community needs and building strong local partnerships.

The project would improve how renewable energy is stored and used, helping Victoria transition to a cleaner, more sustainable energy system. Strengthening infrastructure like this not only future-proofs our energy network but also delivers long-term benefits for the community.

Why this site?

The proposed site for the project has been carefully chosen for its suitability to support the Tragowel BESS and its associated infrastructure. The site is flat and has been historically used for grazing and cropping. Its location near the Kerang Terminal Station allows for a direct connection to the electricity network.

Existing roadside vegetation helps screen the site from view, reducing visual impacts from nearby roads and properties. The site also has direct access to the Loddon Valley Highway, meaning no upgrades are needed to local roads, and minimal disruption is expected during construction and operation.



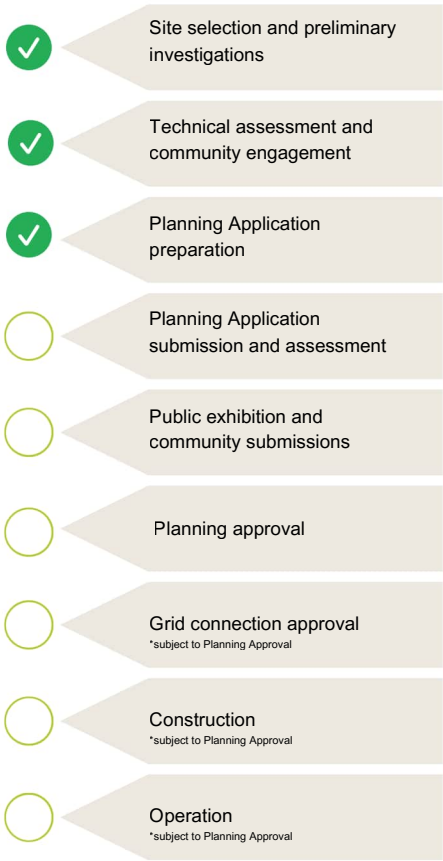
Meet the developers

The project is being developed by Green Switch Australia and Potentia Energy, two experienced renewable energy companies with a strong track record delivering large-scale solar and battery storage projects across Australia and internationally. Both developers are committed to respectful, transparent and collaborative engagement with communities, landholders and Traditional Custodians throughout every stage of project development.

Green Switch Australia operates across Victoria, NSW and the ACT, and brings over 20 years of combined local and international experience. Since 2015, the team has delivered more than 200 renewable energy projects and is focused on building long-term, genuine relationships with host communities.

Potentia Energy is a leading Australian asset owner and developer with an expanding portfolio of utility-scale wind, solar and battery storage projects, including the Cohuna and Girgarre Solar Farms in Victoria. Its community engagement is guided by a “Creating Shared Value” philosophy, which ensures projects are developed in line with local priorities and include tailored benefit-sharing initiatives that deliver lasting value to communities.

Planning process



Technical studies

We are currently carrying out a suite of technical studies to inform the Planning Application.

The following technical studies are underway:

- Biodiversity Assessment
- Aboriginal Cultural Heritage Due Diligence Assessment
- Agricultural Impact Assessment
- Transport Impact Assessment
- Noise Impact Assessment
- Fire Hazard and Risk Assessment
- Landscape and Visual Impact Assessment
- Hydrology and Flooding Impact Assessment and Stormwater Management Strategy

Want to know more?

We welcome **community feedback** to better understand local values and priorities, and inform planning for potential benefit sharing initiatives to be undertaken by the project.

Scan the QR code for our Community Survey!



We will reach out again when the Planning Application is on public exhibition in the coming months and share further details about the next steps in the project's community engagement activities.

Should you have any questions, please reach out to our friendly team for further information or to request a meeting.

Contact us

0452 593 428

consultation@cogencyaustralia.com.au

potentiaenergy.com.au/project/tragowel-bess/

ADVERTISED
PLAN



Tragowel BESS

Image: Kerang Terminal Station

Project overview

The proposed Tragowel BESS would involve the construction and operation of a utility-scale battery energy storage system (BESS) and associated infrastructure.

Potentia Energy, in partnership with Green Switch Australia, are proposing to develop the Tragowel battery energy storage system (BESS) – a utility scale battery that would provide approximately 4 hours of energy storage. The Tragowel BESS is proposed along the Loddon Valley Highway, on a 12.3 hectare parcel of land in Tragowel, Victoria. The site is directly south of the Kerang Terminal Station and the Kerang Solar Plant.

The BESS would have a capacity of 200MW/800MWh, and would include a control room, substation, associated infrastructure and a transmission connection into the Kerang Terminal Station. A BESS is designed to store and release energy, providing grid support services to the National Electricity Market (NEM).

It represents a \$250 million investment into electrical infrastructure that would contribute to reducing overall power prices through the storage of electricity to be used during a shortfall of supply (i.e. during heatwaves and overnight).



800MWh
Storage Capacity



80 - 120
Construction Jobs (approximate)



5
Operational Jobs (approximate)

Key Energy Benefits

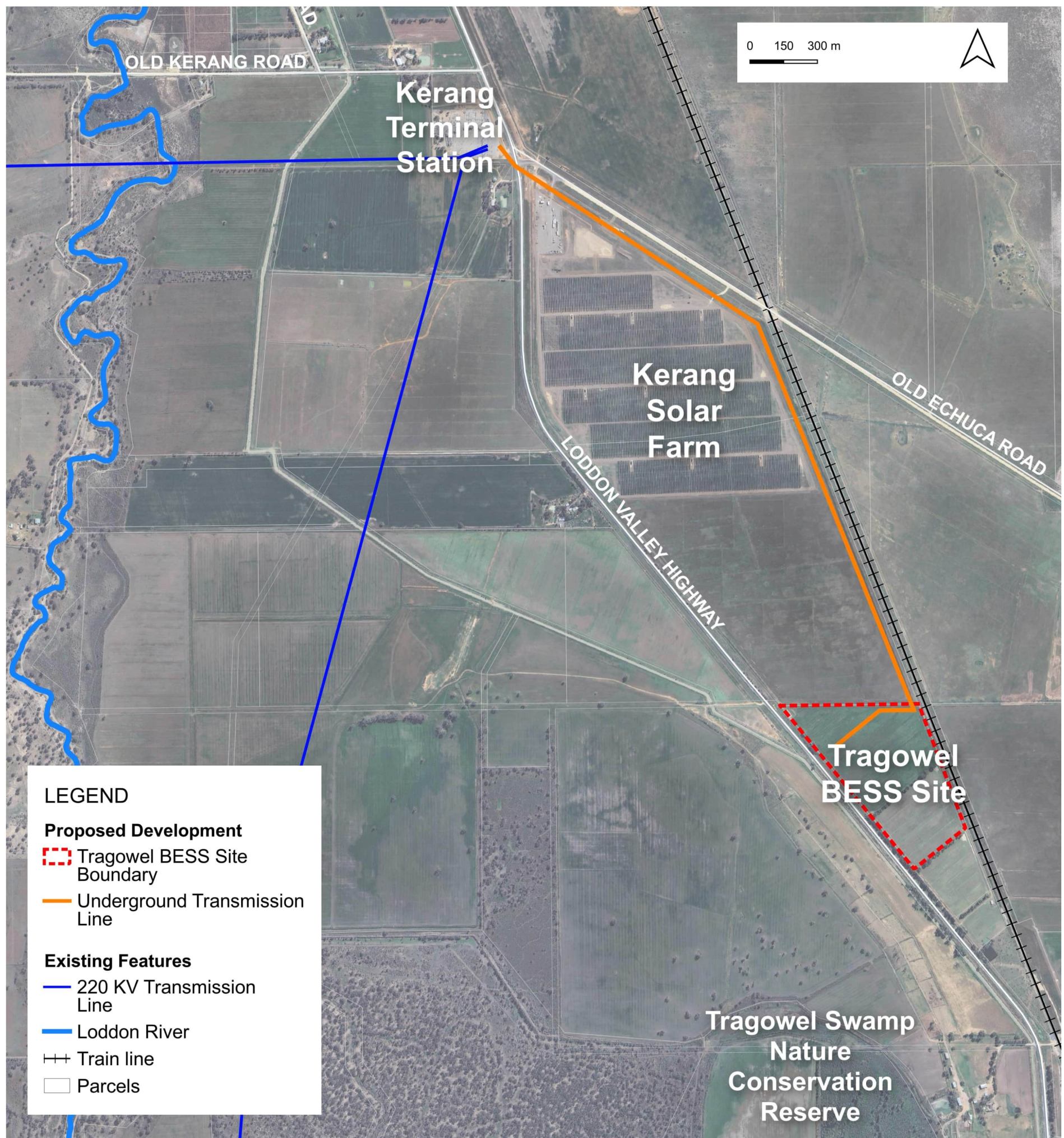
- ✓ Proximity to existing electrical infrastructure at the Kerang Terminal Station
- ✓ Providing additional storage capacity for the electricity grid
- ✓ Increasing energy reliability at times of low renewable energy generation
- ✓ Facilitate the transition to clean and renewable energy sources
- ✓ Reducing overall power prices by storing electricity to be used when there is a shortfall of supply

Design considerations

The design will follow detailed guidelines as established by the Country Fire Authority (CFA) to mitigate and manage bushfire risks, including access for emergency services, water supply and fire suppression systems.

The design and layout of the proposed Tragowel BESS is being prepared in accordance with a detailed noise impact assessment to minimise impacts for neighbours and local residents.

Visual impacts would be reduced by using appropriate vegetation screening, muted colours, and siting of infrastructure to avoid key sightlines wherever possible.



Above: Proposed Tragowel BESS context plan





Tragowel BESS

Image: Kerang Terminal Station

The proponents

Potentia Energy

Potentia Energy is a leading Australian renewable energy developer and asset owner, co-owned by Enel Green Power and INPEX. Its growing portfolio spans utility-scale wind, solar, and battery energy storage projects across Australia.

Potentia Energy's operating portfolio includes the 34 MW Cohuna Solar Farm and the 93 MW Girgarre Solar Farm in Victoria. At Cohuna, Potentia Energy partnered with Agriculture Victoria to explore how plant and livestock production can co-exist with solar infrastructure. At Girgarre, its strong community partnerships were recognised with the Clean Energy Council's Community Value and Impact Award.

With 899 MW in operation, 226 MW under construction, and a strong pipeline of future projects, Potentia Energy is focused on delivering reliable, sustainable, and commercially viable energy. Its approach to engagement is guided by the "Creating Shared Value" philosophy – ensuring that project success is underpinned by meaningful collaboration, benefit-sharing, and respect for communities, landholders, and Traditional Custodians at every stage.

Green Switch Australia

Green Switch Australia is an experienced developer of utility-scale solar and battery storage projects, managing a growing portfolio across Victoria, New South Wales, and the Australian Capital Territory.

Operating internationally in the renewable energy sector for over 20 years, Green Switch has successfully developed, built, owned, and operated solar and storage projects across multiple markets. Since 2015, its leadership team has delivered more than 2.0 GW of solar capacity, supported by a robust Australian pipeline that includes ~100 MW of completed battery projects and ~250 MW under development.

Green Switch's expertise spans the full project lifecycle – from site identification, design, and construction through to long-term ownership and operations – bringing global experience and local focus to every project.

ADVERTISED PLAN

Commitment to engagement

Potentia Energy and Green Switch Australia are committed to an open and transparent community and stakeholder engagement process through planning, construction and operation.

This commitment includes:

- Early and proactive engagement with neighbours, community members and key stakeholders.
- Tailored benefit sharing, designed to reflect the local context and community priorities
- A focus on lasting positive impact, supporting local participation and regional development

The engagement approach is guided by recognised best practice frameworks, including:

- Clean Energy Council's *Best Practice Charter for Renewable Energy Projects* (2018)
- Clean Energy Council and KPMG *Leading Practice Principles: First Nations and Renewable Energy Projects* (2024)
- DELWP's *Community Engagement and Benefit Sharing in Renewable Energy Development: A Guide for Renewable Energy Developers* (updated 2021)
- DELWP's *Solar Energy Facilities Design and Development Guideline* (updated 2022, which contains guidelines on BESS facilities)
- International Association for Public Participation (IAP2) *Public Participation Spectrum* (2018).

Tragowel BESS

Image: Kerang Terminal Station

What is a BESS?

A **Battery Energy Storage System (BESS)** stores electricity from the grid and releases it when needed, helping to maintain a stable and reliable energy supply.

Each BESS includes a series of battery enclosures (similar in size to shipping containers) which contain racks of modules, as well as inverters, transformers, and control equipment that manage how energy is stored and delivered. Supporting features such as access tracks, water tanks, offices, amenities, and screening vegetation are also part of the site design.

The system helps keep the National Electricity Market (NEM) reliable.

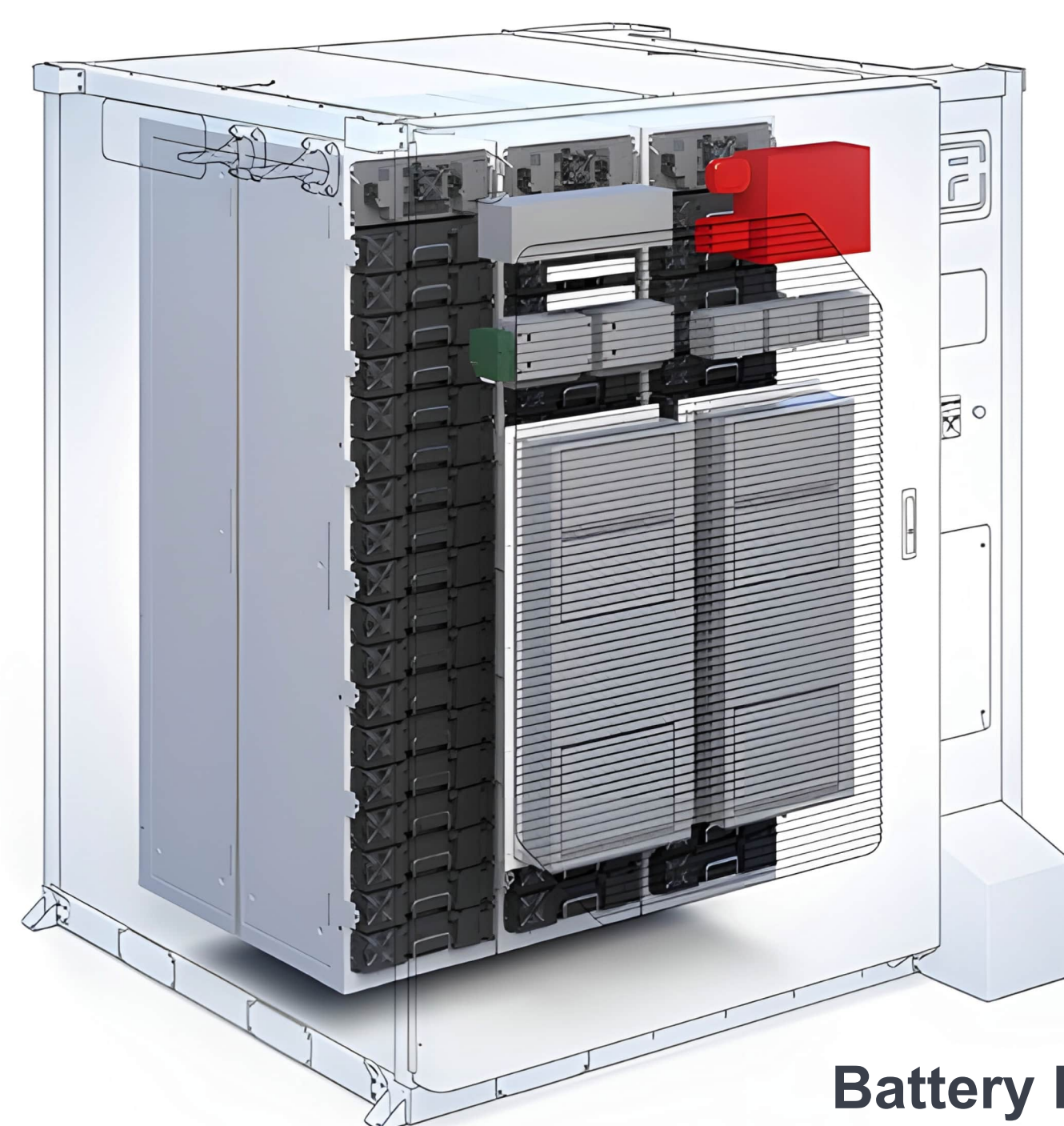
- When there is excess electricity in the grid – such as during sunny or windy periods – the batteries charge.
- When supply is lower, such as in the evening, the batteries discharge, sending energy back into the grid.

By repeating this process daily, the BESS supports renewable energy integration and improves grid stability.

Battery Module



ADVERTISED
PLAN



Battery Rack

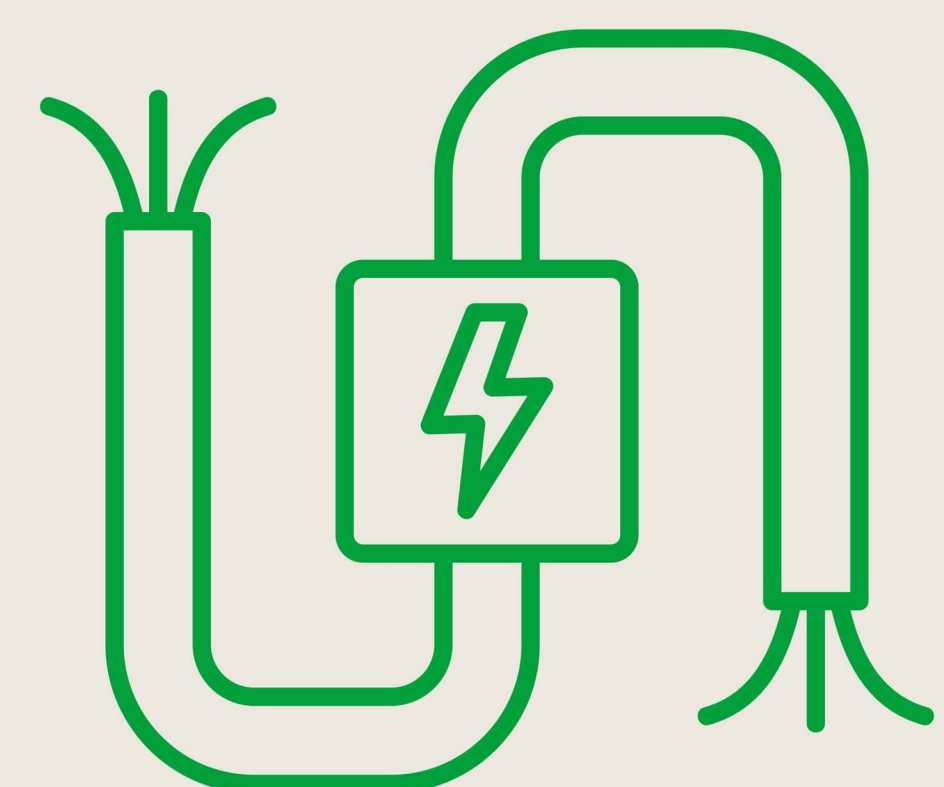
Grid connection

The proposed Tragowel BESS will connect to the Kerang Terminal Station, located nearby.

The connection would be via an **underground transmission line**. This involves trenching a narrow corridor, laying the cable, and reinstating the ground surface.

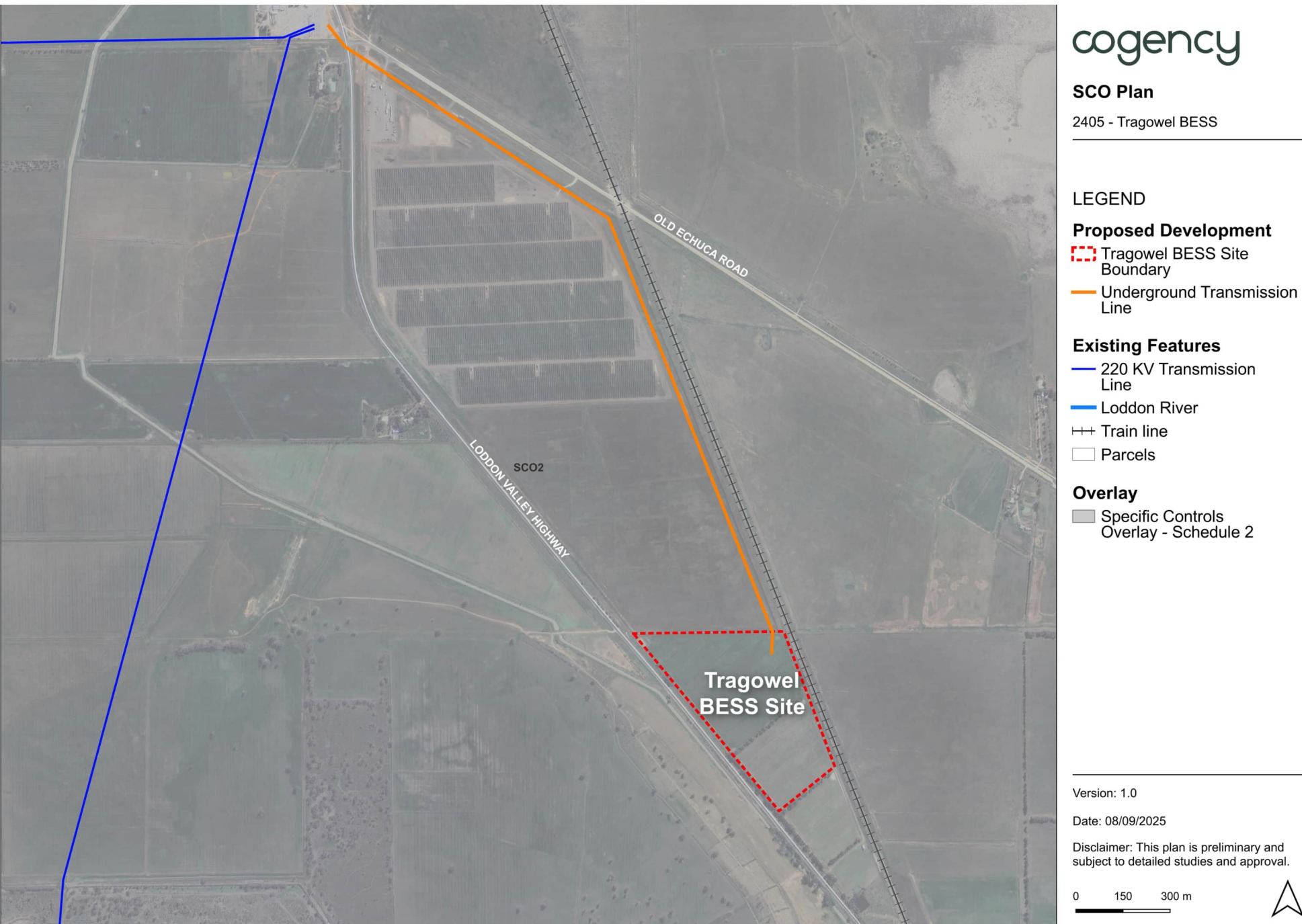
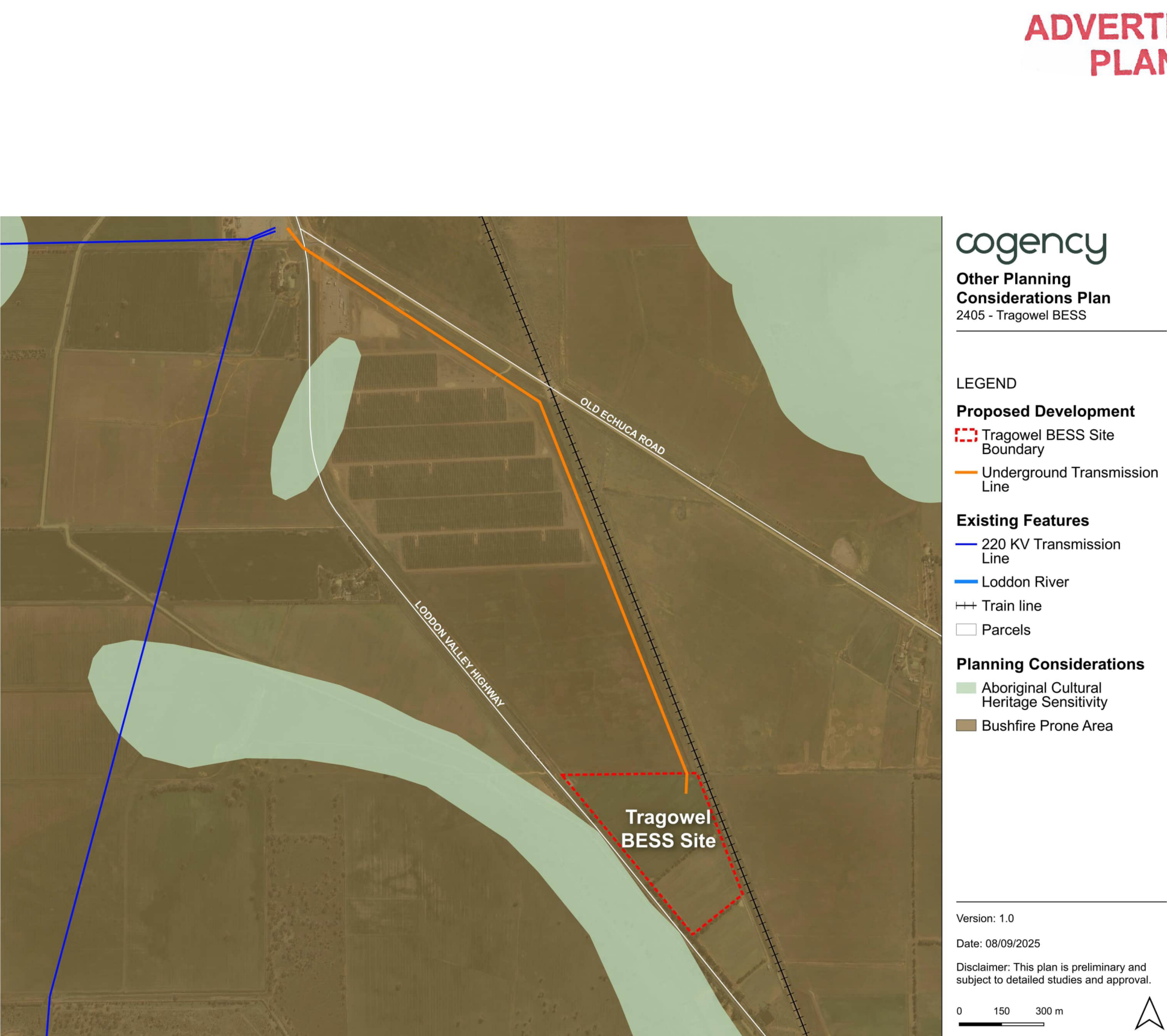
The underground transmission line would connect the BESS to the Kerang Terminal Station, alongside the railway line.

By going underground, the visual impacts on the local community will be reduced.



Why is this location suitable?

Land use	Agriculture zone (grazing)
Surrounding Properties	- Low number of sensitive receptors within 1-2.5km of the site - Tailored stakeholder engagement undertaken by the project team for sensitive receptors
Fire risk	- Not situated within or near a Bushfire Management Overlay - Flat cleared land is considered a low fire risk - Not close to heavily vegetated areas
Noise	Compliance with the noise protocol (<i>Environmental Protection Protocol 2021</i>) is expected for all time periods for all sensitive receivers
Flora and fauna	- No threatened flora species and ecological communities found under the Flora and Fauna Guarantee Act 1988 (FFG act) or Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) - Some native vegetation removal will be required
Landscape and visual impact	- Not located within the Significant Landscape Overlay (SLO) - Flat landscape - Existing vegetation contributes to screening from public viewpoints - Additional vegetation screening will be incorporated into the design of the proposal



Flooding and hydrology

Extensive flooding and hydrology surveys have been carried out across the site to ensure that the proposal does not adversely increase flooding issues on surrounding properties. The BESS and associated electrical equipment would be mounted on concrete piers that sit on solid earth benches to lift the equipment above the maximum flood height levels across the site.

Fire mitigation

The proposed site lies within a bushfire-prone area, as does much of regional Victoria, but it is outside the Bushfire Management Overlay (BMO). The land itself is flat, cleared, and low-risk from a fire perspective.

The battery design and layout are being developed in line with the Country Fire Authority (CFA) Design Guidelines and Model Requirements for Renewable Energy Facilities (June 2025). The CFA will also act as a referral authority during the planning process.

The design would incorporate fire breaks, on-site water tanks, and any other measures required under the planning permit's fire management conditions.

Tragowel BESS

Image: Kerang Terminal Station

ADVERTISED
PLAN

Planning pathway

Before the Tragowel battery energy storage system (BESS) proposal can progress, a planning permit will be required.

The Minister for Planning in the Victorian State Government is the responsible authority for the planning permit application, and will make the decision based on advice from the Department of Transport and Planning (DTP).

The Minister and DTP will assess the application against the policies, controls and guidelines of the Gannawarra Planning Scheme.

As part of this assessment, they will consider responses from referral authorities, such as VicRoads and the CFA, and any submissions received from the community.

The Gannawarra Shire Council have an important role in providing local input and making a submission.

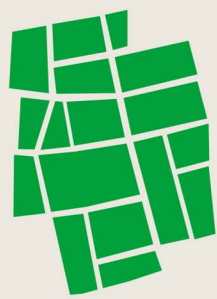
Indicative timeframe

✓	Site selection and preliminary investigations	2024-2025
✓	Technical assessment and community engagement	Q1 2025 - ongoing
✓	Planning Application preparation	O4 2025
	Planning Application submission and assessment	Q4 2025
	Public exhibition and community submissions	Q1 - Q2 2026
	Planning Decision	Q2 2026
	Grid connection approval *subject to Planning Approval	Q2 2026
	Construction *subject to Planning Approval	2027/28
	Operation *subject to Planning Approval	2028

Before the proposal is approved, authorities check to make sure it....



Aligns with state and local policies



Meets zone and overlay provisions



Complies with noise standards



Maintains water quality



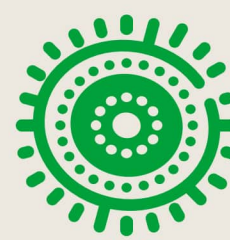
Protects native vegetation



Minimises bushfire hazard



Has minimal impact on traffic conditions



Does not impact cultural heritage



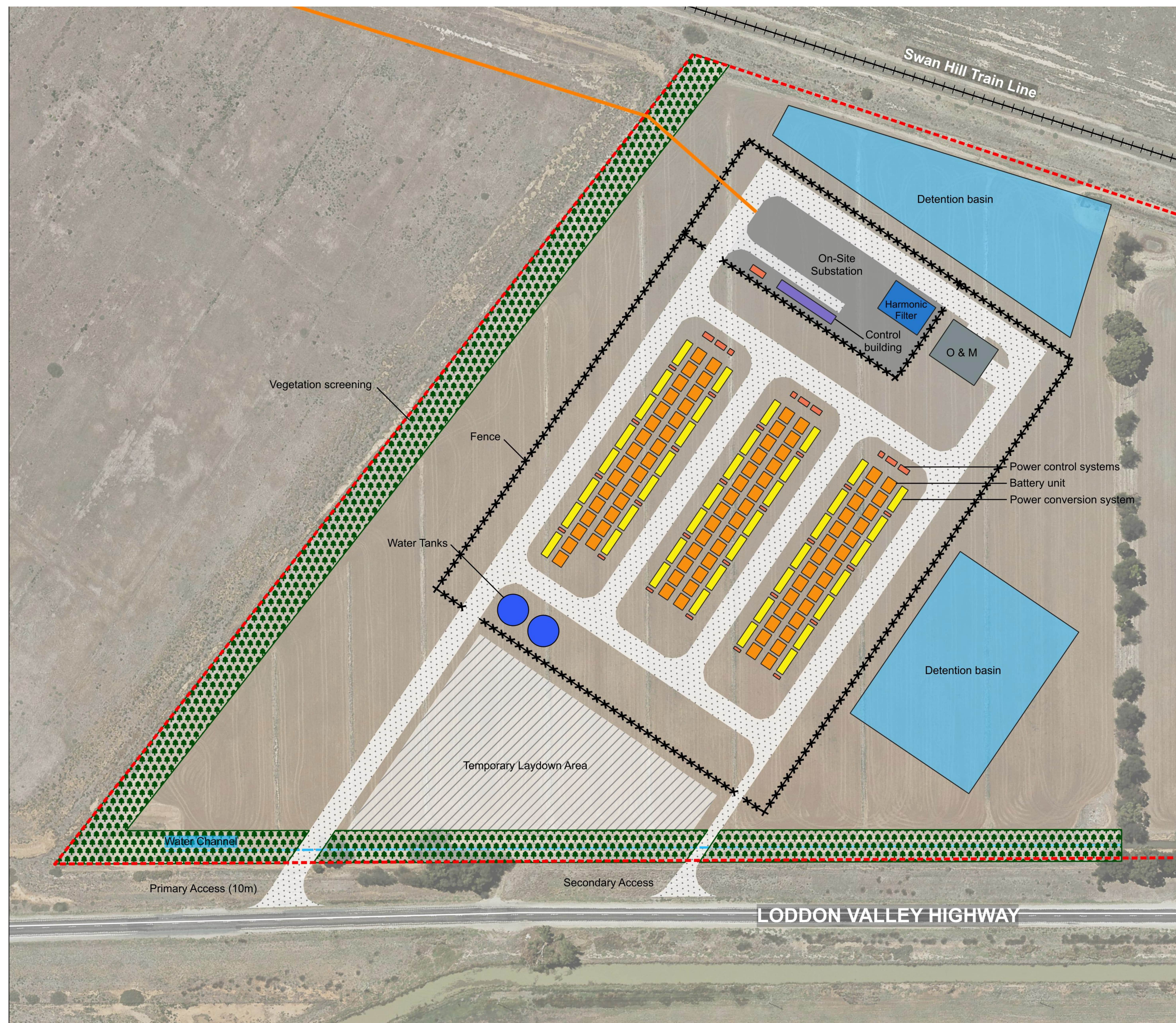
Considers community and stakeholder feedback



Image: Kerang Terminal Station

Got big ideas for your community? Tell us what projects and initiatives need some support.

ADVERTISED
PLAN



cogency

Concept Layout Plan

2405 - Tragowel BESS

Existing Infrastructure

- +++ Train Line
- Water Channel
- Cadastre

Proposed Infrastructure

- Underground 220kV transmission line
- Battery unit
- Power conversion system
- Power control systems
- Harmonic filter
- Control building
- Operations and maintainance
- On site substation
- Water tanks
- Detention basin
- Vegetation screening
- *** Fence
- /// Temporary laydown area
- ... Access roads

Note: Vegetation screening will be added where appropriate.

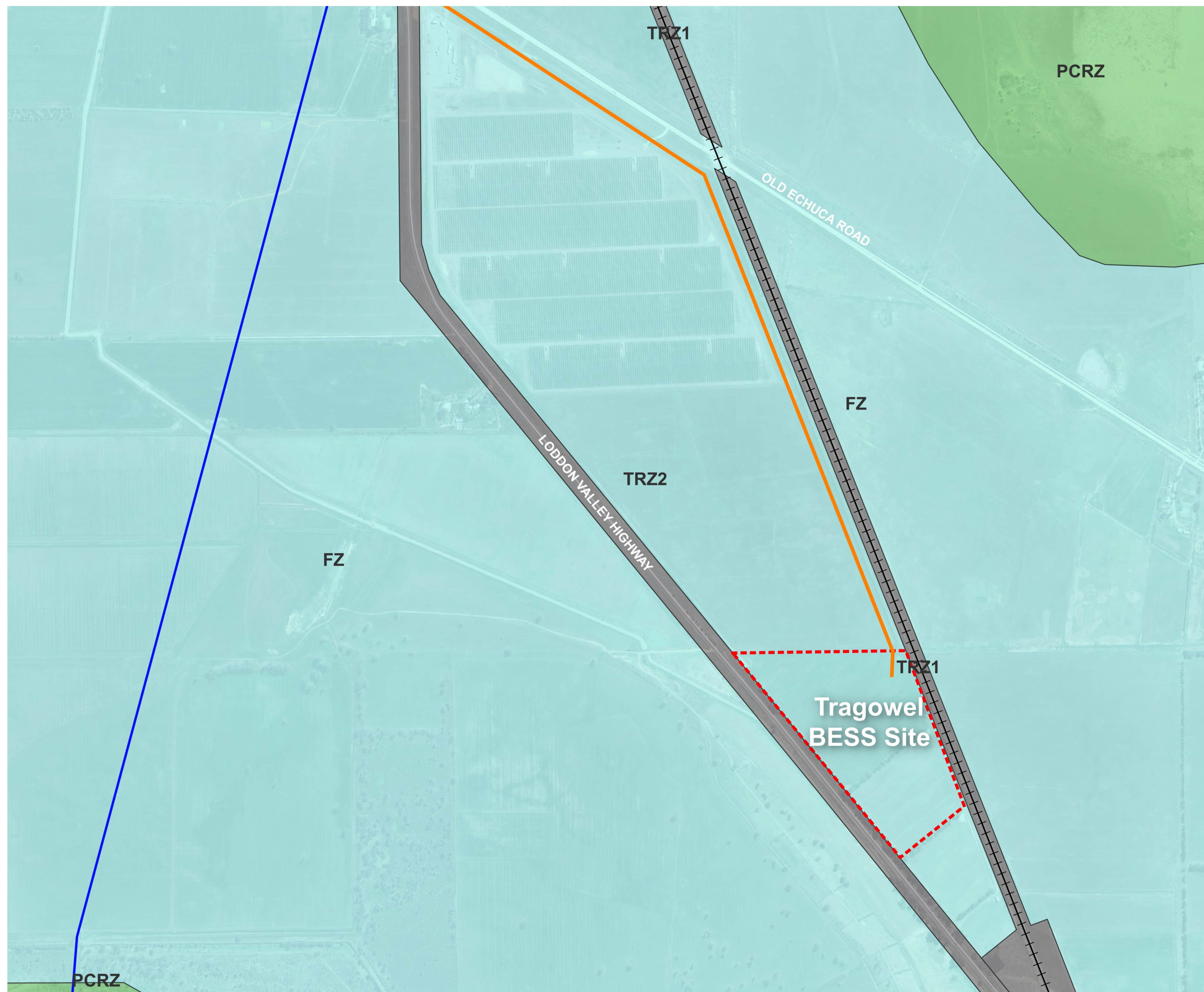
Version: 3.0

Date: 14/10/2025

0 20 40 60 m



ADVERTISED
PLAN



Zone Plan

2405 - Tragowel BESS

LEGEND

Proposed Development

- Tragowel BESS Site Boundary
- Underground Transmission Line

Existing Features

- 220 KV Transmission Line
- Loddon River
- Train line
- Parcels

Zone

- Farming Zone
- Public Conservation and Resource Zone
- Transport Zone 1 - State Transport Infrastructure
- Transport Zone 2 - Principal Road Network

Version: 1.0

Date: 08/09/2025

Disclaimer: This plan is preliminary and subject to detailed studies and approval.

0 150 300 m





Tragowel BESS

Image: Kerang Terminal Station

Community Benefit Sharing

Approach to Engagement

Potentia Energy believes that our projects should create benefits for both our business and the communities where we work. This idea, known as “Creating Shared Value” (CSV) philosophy, means that the achievement of business objectives should be intrinsically linked to positive local community outcomes. That is, addressing community needs is fundamental to achieving success as a company.

We focus on proactive engagement and benefit sharing to ensure our projects deliver lasting value. Our goal is to build strong relationships, support local priorities, and leave a positive legacy in every region where we operate.

As a long-term asset owner with projects across Australia, we recognise that every community is different. That’s why we’ve developed a community engagement and benefit-sharing framework that is flexible and tailored to local needs, culture, and context.

We are proud signatories to the Clean Energy Council’s Best Practice Charter. This commitment affirms our dedication to excellence in community engagement, ensuring that our projects adhere to the highest standards of transparency, inclusivity, and respect. By aligning with the Charter’s principles, we reinforce our pledge to work towards creating meaningful and positive impacts in local communities and ensure ongoing consideration of environmental and cultural values.

Each year, Potentia Energy reports on how we are meeting the Clean Energy Charter’s ten commitments. You can view our 2024 report here:

<https://potentiaenergy.com.au/wp-content/uploads/2025/01/Potentia-Energy-Report-Clean-Energy-Council.pdf>

Delivering Local Benefits

We are committed to delivering significant local community benefits through our projects. We strive to create lasting value by prioritising local community needs and fostering meaningful partnerships.

Our focus on community-driven initiatives aims to ensure that our projects contribute positively to the long-term growth and resilience of the communities where we operate.

The development, construction and operation of our projects has the potential to create significant direct and indirect employment opportunities across regional areas of Australia. We are deeply committed to local sourcing where feasible, ensuring our projects boost local economies and local supply chain resilience. We work closely with main contractors for each project to identify capability and capacity in the local area and maximize opportunities for local contractors and suppliers to participate throughout all project phases.

Want to know more?

We welcome **community feedback** to better understand local values and priorities, and inform planning for potential benefit sharing initiatives to be undertaken by the project.

Scan the QR code for our Community Survey!



We will reach out again when the Planning Application is on public exhibition in the coming months and share further details about the next steps in the project's community engagement activities.

Should you have any questions, please reach out to our friendly team for further information or to request a meeting.

ADVERTISED
PLAN

Tragowel BESS

Image: Kerang Terminal Station

Noise and Fire

Noise Mitigation

Construction and operation of the proposed BESS may generate some noise; however, measures will be implemented to minimise potential impacts on the surrounding community.

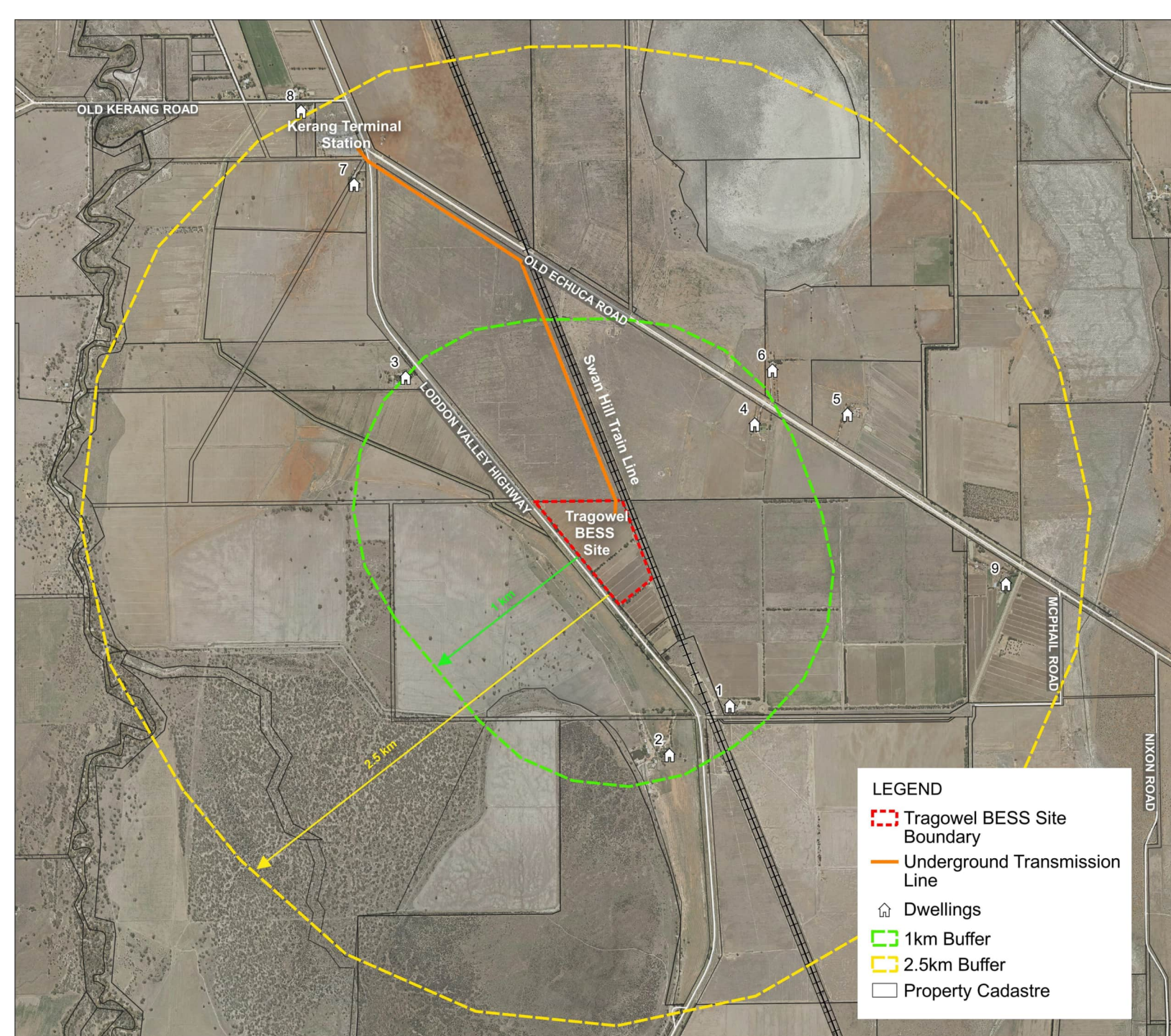
Temporary construction noise may include:

- Earthworks
- Civil works
- Trucks and machinery

All construction activities would occur during designated hours and in line with an approved Construction Environmental Management Plan.

Operational noise:

Once operational, some noise may be generated by the BESS due to the cooling fans that regulate battery temperature. However, the BESS is strategically positioned away from sensitive receptors to minimise impact.



What we are doing

Detailed noise assessments are currently underway by a specialist noise consultant to ensure the BESS complies with noise protocol (*Environmental Protection Protocol 2021*). This assessment will also include cumulative impacts from other projects in the area.

ADVERTISED PLAN

Fire Risk Mitigation

Battery Energy Storage Systems (BESS) use Lithium Iron Phosphate (LFP) battery cells, which, to date, is the safest technology in gridscale BESS infrastructure.

In the highly unlikely event of a damaged or faulty battery cell, thermal runaway may occur, which is an overheating of the cell. To mitigate this potential fire risk, the BESS will be equipped with industry-leading safety systems that continuously monitor the batteries to detect, isolate, and alert the operators to any potential anomalies.

The proposed site lies within a bushfire-prone area, as does much of regional Victoria, but it is outside the Bushfire Management Overlay (BMO). The land itself is flat, cleared, and low-risk from a fire perspective.

What we are doing

The battery design and layout will follow the Country Fire Authority (CFA) Design Guidelines and Model Requirements for Renewable Energy Facilities (June 2025), and would include the following:

- Conducting a Bushfire Hazard and Risk Assessment, Fire Safety Study, and Emergency Management Plan
- A minimum 10m fire break
- On-site water tanks for fighting fires

Any additional measures required under the planning permit's fire management conditions.

Potentia Energy and GreenSwitch Australia will collaborate with the CFA HQ and local CFA brigades to minimise fire and bushfire risks to the fullest extent possible

Tragowel BESS

Image: Kerang Terminal Station

Noise and Fire

Noise Mitigation

Construction and operation of the proposed BESS may generate some noise; however, measures will be implemented to minimise potential impacts on the surrounding community.

Temporary construction noise may include:

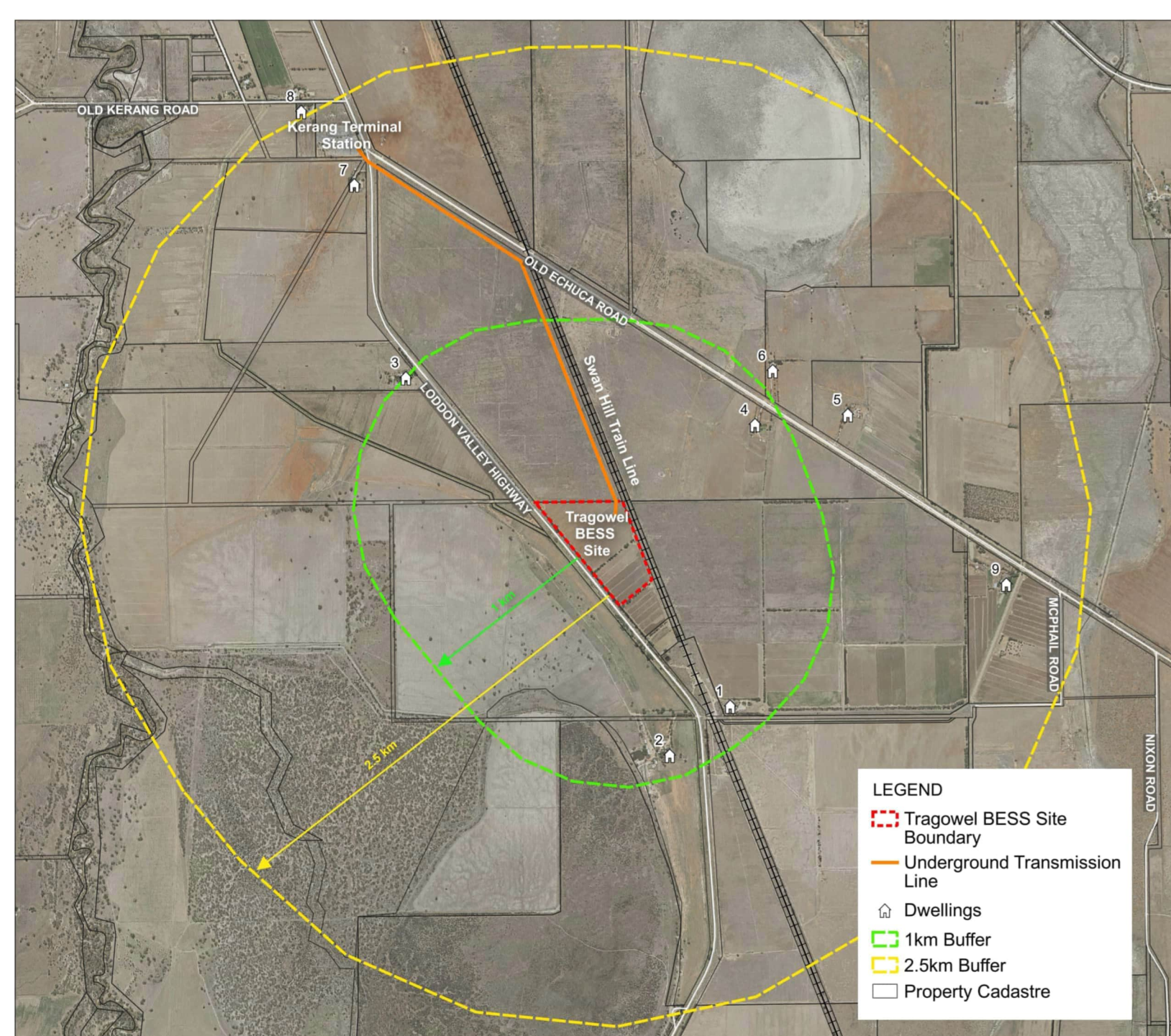
- Earthworks
- Civil works
- Trucks and machinery

All construction activities would occur during designated hours and in line with an approved Construction Environmental Management Plan.

Operational noise:

Once operational, some noise may be generated by the BESS due to the cooling fans that regulate battery temperature. However, the BESS is strategically positioned away from sensitive receptors to minimise impact.

ADVERTISED
PLAN



What we are doing

Detailed noise assessments are currently underway by a specialist noise consultant to ensure the BESS complies with noise protocol (*Environmental Protection Protocol 2021*). This assessment will also include cumulative impacts from other projects in the area.

Fire Risk Mitigation

Battery Energy Storage Systems (BESS) use Lithium Iron Phosphate (LFP) battery cells, which, to date, is the safest technology in gridscale BESS infrastructure.

In the highly unlikely event of a damaged or faulty battery cell, thermal runaway may occur, which is an overheating of the cell. To mitigate this potential fire risk, the BESS will be equipped with industry-leading safety systems that continuously monitor the batteries to detect, isolate, and alert the operators to any potential anomalies.

The proposed site lies within a bushfire-prone area, as does much of regional Victoria, but it is outside the Bushfire Management Overlay (BMO). The land itself is flat, cleared, and low-risk from a fire perspective.

What we are doing

The battery design and layout will follow the Country Fire Authority (CFA) Design Guidelines and Model Requirements for Renewable Energy Facilities (June 2025), and would include the following:

- Conducting a Bushfire Hazard and Risk Assessment, Fire Safety Study, and Emergency Management Plan
- A minimum 10m fire break
- On-site water tanks for fighting fires

Any additional measures required under the planning permit's fire management conditions.

Potentia Energy and Greenswitch Australia will collaborate with the CFA HQ and local CFA brigades to minimise fire and bushfire risks to the fullest extent possible

Tragowel BESS

Image: Kerang Terminal Station

Project overview

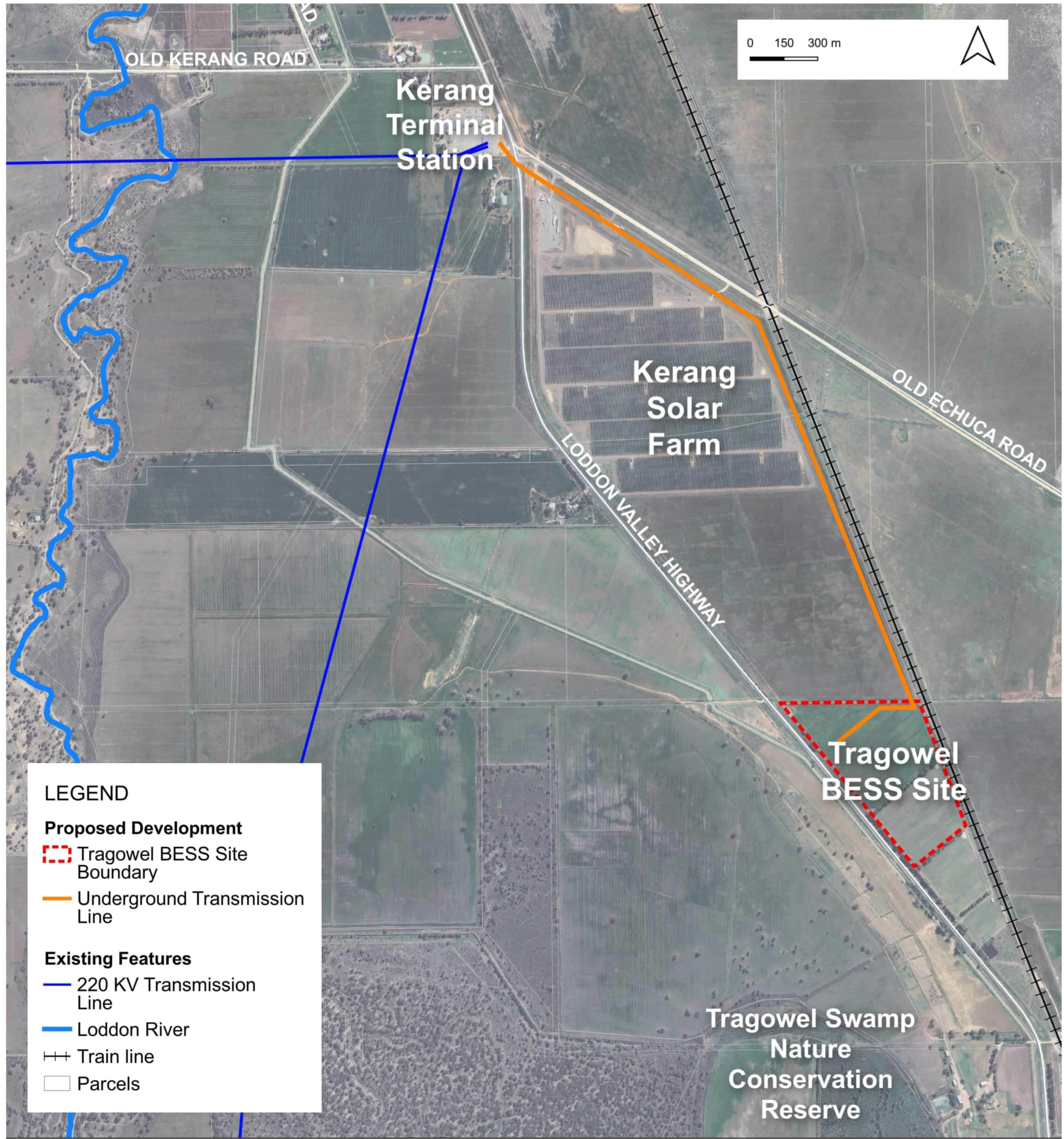
The proposed Tragowel BESS would involve the construction and operation of a utility-scale battery energy storage system (BESS) and associated infrastructure.

Potentia Energy, in partnership with Green Switch Australia, are proposing to develop the Tragowel battery energy storage system (BESS) – a utility scale battery that would provide approximately 4 hours of energy storage. The Tragowel BESS is proposed along the Loddon Valley Highway, on a 12.3 hectare parcel of land in Tragowel, Victoria. The site is directly south of the Kerang Terminal Station and the Kerang Solar Plant.

The BESS would have a capacity of 200MW/800MWh, and would include a control room, substation, associated infrastructure and a transmission connection into the Kerang Terminal Station. A BESS is designed to store and release energy, providing grid support services to the National Electricity Market (NEM).

It represents a \$250 million investment into electrical infrastructure that would contribute to reducing overall power prices through the storage of electricity to be used during a shortfall of supply (i.e. during heatwaves and overnight).

ADVERTISED PLAN



Above: Proposed Tragowel BESS context plan



800MWh
Storage Capacity



80 - 120
Construction Jobs (approximate)



5
Operational Jobs (approximate)

Key Energy Benefits

- ✓ Proximity to existing electrical infrastructure at the Kerang Terminal Station
- ✓ Providing additional storage capacity for the electricity grid
- ✓ Increasing energy reliability at times of low renewable energy generation
- ✓ Facilitate the transition to clean and renewable energy sources
- ✓ Reducing overall power prices by storing electricity to be used when there is a shortfall of supply

Design considerations

The design will follow detailed guidelines as established by the Country Fire Authority (CFA) to mitigate and manage bushfire risks, including access for emergency services, water supply and fire suppression systems.

The design and layout of the proposed Tragowel BESS is being prepared in accordance with a detailed noise impact assessment to minimise impacts for neighbours and local residents.

Visual impacts would be reduced by using appropriate vegetation screening, muted colours, and siting of infrastructure to avoid key sightlines wherever possible.

Tragowel BESS

Image: Kerang Terminal Station

What is a BESS?

A **Battery Energy Storage System (BESS)** stores electricity from the grid and releases it when needed, helping to maintain a stable and reliable energy supply.

Each BESS includes a series of battery enclosures (similar in size to shipping containers) which contain racks of modules, as well as inverters, transformers, and control equipment that manage how energy is stored and delivered. Supporting features such as access tracks, water tanks, offices, amenities, and screening vegetation are also part of the site design.

The system helps keep the National Electricity Market (NEM) reliable.

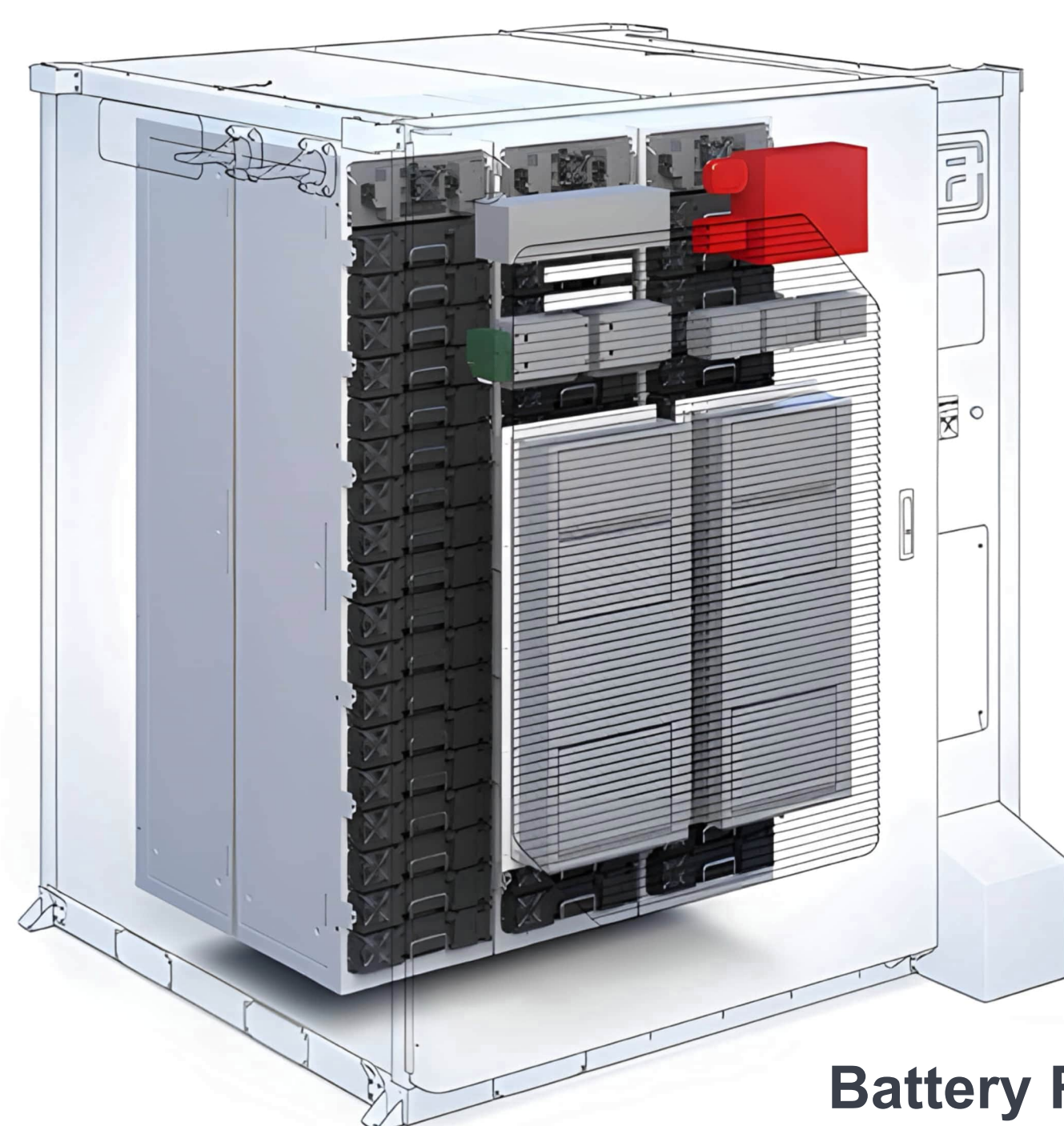
- When there is excess electricity in the grid – such as during sunny or windy periods – the batteries charge.
- When supply is lower, such as in the evening, the batteries discharge, sending energy back into the grid.

By repeating this process daily, the BESS supports renewable energy integration and improves grid stability.

Battery Module



ADVERTISED
PLAN



Battery Rack

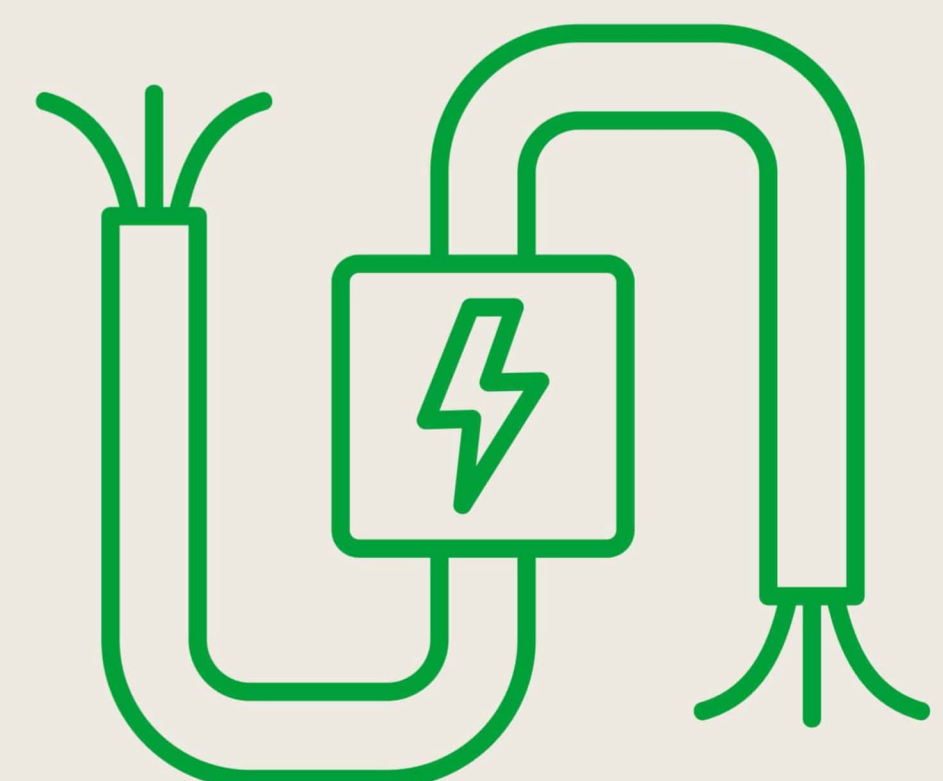
Grid connection

The proposed Tragowel BESS will connect to the Kerang Terminal Station, located nearby.

The connection would be via an **underground transmission line**. This involves trenching a narrow corridor, laying the cable, and reinstating the ground surface.

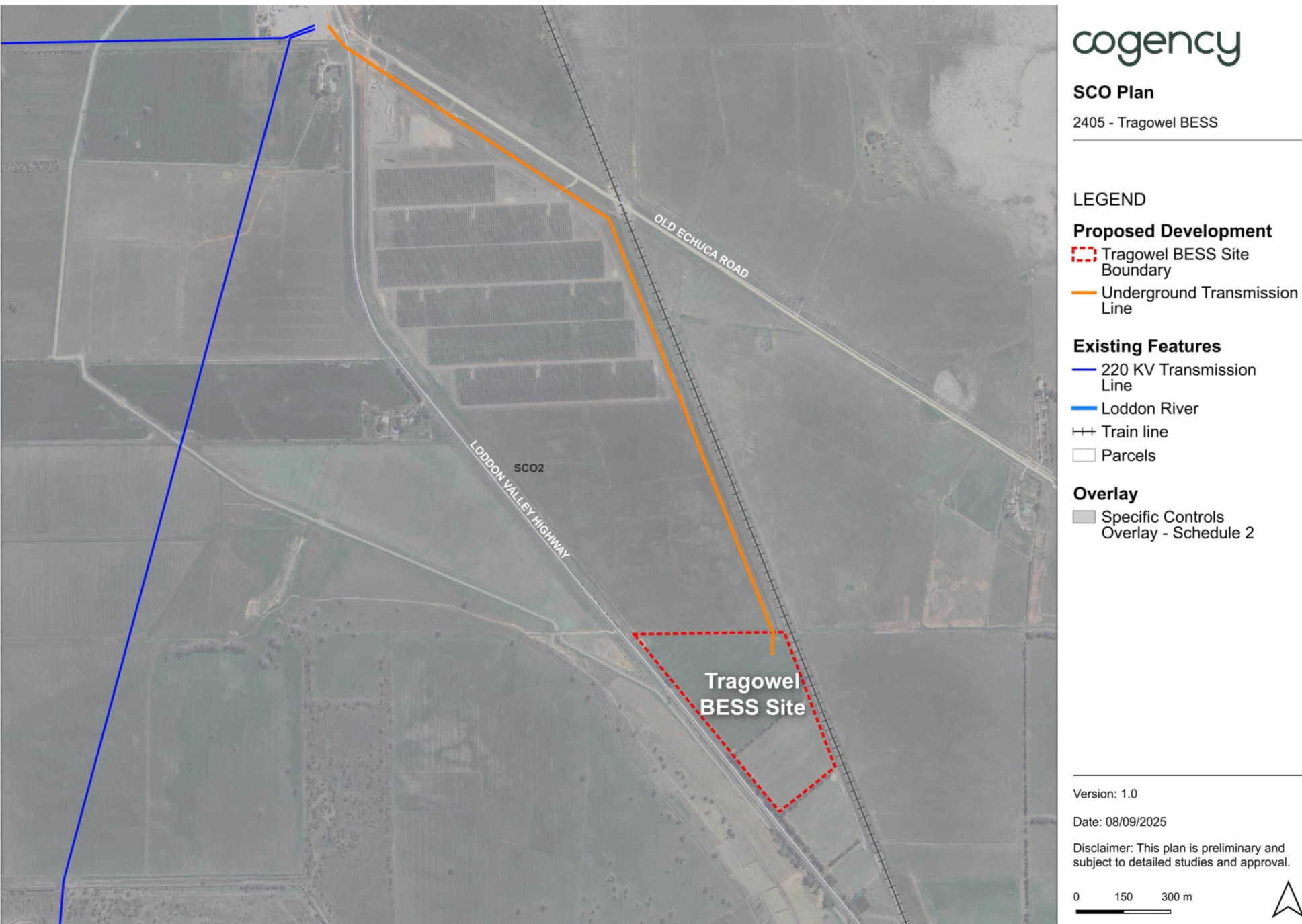
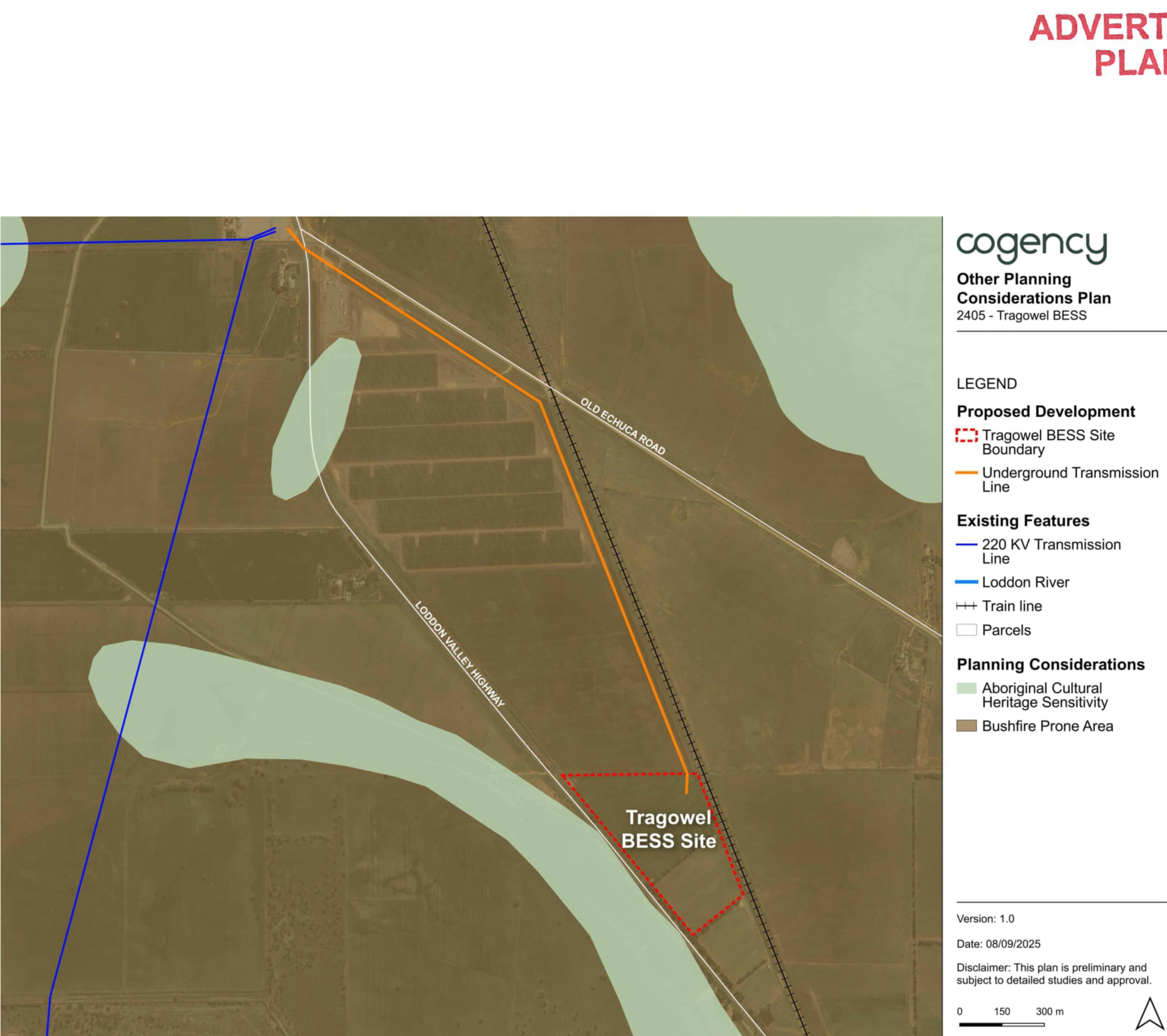
The underground transmission line would connect the BESS to the Kerang Terminal Station, alongside the railway line.

By going underground, the visual impacts on the local community will be reduced.



Why is this location suitable?

Land use	Agriculture zone (grazing)
Surrounding Properties	- Low number of sensitive receptors within 1-2.5km of the site - Tailored stakeholder engagement undertaken by the project team for sensitive receptors
Fire risk	- Not situated within or near a Bushfire Management Overlay - Flat cleared land is considered a low fire risk - Not close to heavily vegetated areas
Noise	Compliance with the noise protocol (<i>Environmental Protection Protocol 2021</i>) is expected for all time periods for all sensitive receivers
Flora and fauna	- No threatened flora species and ecological communities found under the Flora and Fauna Guarantee Act 1988 (FFG act) or Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) - Some native vegetation removal will be required
Landscape and visual impact	- Not located within the Significant Landscape Overlay (SLO) - Flat landscape - Existing vegetation contributes to screening from public viewpoints - Additional vegetation screening will be incorporated into the design of the proposal



Flooding and hydrology

Extensive flooding and hydrology surveys have been carried out across the site to ensure that the proposal does not adversely increase flooding issues on surrounding properties. The BESS and associated electrical equipment would be mounted on concrete piers that sit on solid earth benches to lift the equipment above the maximum flood height levels across the site.

Fire mitigation

The proposed site lies within a bushfire-prone area, as does much of regional Victoria, but it is outside the Bushfire Management Overlay (BMO). The land itself is flat, cleared, and low-risk from a fire perspective.

The battery design and layout are being developed in line with the Country Fire Authority (CFA) Design Guidelines and Model Requirements for Renewable Energy Facilities (June 2025). The CFA will also act as a referral authority during the planning process.

The design would incorporate fire breaks, on-site water tanks, and any other measures required under the planning permit's fire management conditions.