

Vales Point Battery Energy Storage System

Managing construction impacts

Delta Power & Energy (Delta), in partnership with Samsung Construction & Trading (Samsung), is proposing to develop a Battery Energy Storage System (BESS) at the Vales Point Power Station site. This large-scale battery system will store excess energy and release it to the grid when it's needed most, helping to keep NSW's electricity network stable and reliable as more renewable energy enters the network.

This fact sheet has been developed to answer some of the most common questions we've received so far around construction activities, including what to expect and how we plan to minimise potential impacts on the community and environment.

As the project progresses, we'll continue to keep you informed, provide updates on key milestones, and ensure there are continued opportunities for you to share your feedback or concerns.

When will construction start and how long will it take?

Construction is expected to start in the second half of 2026, subject to environmental planning approval and a final investment decision in mid-2026. Construction is expected to take around 12 to 18 months, with the BESS to start operating in early 2028. We'll keep the community informed with updates as the project progresses.

What are the planned construction hours?

Most work will be carried out during standard construction hours, which is generally Monday to Friday between 7am and 6pm and Saturday between 8am and 1pm. No work will be carried out on Sunday and public holidays. If work is required outside of these hours for specific activities such as oversize deliveries, we will communicate with nearby residents in advance.

Where will the site office and worker amenities be located?

At the peak of construction, 80 to 100 workers are expected on site each day. Existing facilities and hardstand areas within the Vales Point Power Station site will be used for worker amenities, site offices and car parking. The site layout, including location of these facilities, is being developed as part of the project's planning phase.

Will there be noise and vibration impacts during construction?

Some noise and vibration are expected due to heavy machinery use and vehicle movements during the construction period. Noise modelling will be carried out as part of the Noise and Vibration Impact Assessment in the Environmental Impact Statement (EIS) phase to assess potential noise impacts on nearby residents. Mitigation measures will be implemented to reduce impacts on nearby residents, if necessary. A Noise and Vibration Management Plan will be developed to manage noise and vibration impacts and mitigation during construction.

Will there be noise impacts once the BESS is operational?

Once operational, the BESS is anticipated to emit low-level noise primarily from the battery cooling fans and heating, ventilation and air conditioning (HVAC) systems, inverters and transformers. These noise levels are not expected to exceed



required noise management levels. The inverters will be housed in container units, which will help reduce noise.

Overall, operational noise is expected to be significantly less than the existing noise emitted by Vales Point Power Station and comparable to the sound of an air conditioning unit or a dull hum.

Noise modelling will be undertaken as part of the Noise and Vibration Impact Assessment in the EIS phase to assess potential impacts on nearby residents and identify appropriate mitigation measures where needed. This assessment will also consider cumulative noise impacts with Vales Point Power Station operations.

Mitigation measures may include optimising the site layout and orientation of BESS equipment and ancillary infrastructure to ensure compliance with relevant noise guidelines and regulations. Noise monitoring will also be carried out during operations.

Will there be dust impacts?

Dust may be generated during construction work and vehicle movement. Dust suppression measures, including water spraying, will be used to minimise impacts. These measures will be outlined in the construction and operation Environmental Management Plans.

Will there be impacts to local traffic during construction?

There will be increased traffic to the Vales Point site during construction, including heavy vehicle movements, due to deliveries of project materials and the movement of construction workers.

At the peak of construction, around 10 to 20 heavy vehicles per day are expected to enter and exit the site, along with 80 to 100 workers travelling to and from the site.

Construction Road will be the designated access route for the majority of project deliveries and supply movements which will occur during standard construction hours, consistent with current arrangements for Vales Point Power Station. Vales Road will not be used for regular deliveries.

Existing traffic management plans and measures are in place to minimise disruptions to Ruttleys Road and will be reviewed and updated in consultation with Transport for NSW and local council during the EIS phase. A Traffic and Transport Impact Assessment will be carried out as part of the EIS and will inform a Construction Traffic Management Plan.

At least two oversize vehicle movements will be required to transport large transformer units to the site. These deliveries will be scheduled outside peak traffic periods where possible to reduce impacts on road users and will use designated heavy vehicle routes approved by Transport for NSW and other authorities, which may include Vales Road. Traffic control will be in place, and road users and local residents notified in advance.

Will I still be able to access local roads or walking paths?

No major changes are expected to road or footpath access. If short-term changes are needed, for example to allow safe oversize vehicle access, these will be managed through traffic plans and communicated in advance.

Will construction impact wildlife or the local ecosystem?

The project is located on an industrial site that is cleared of native and exotic vegetation and does not contain habitat for threatened species or ecological communities. The project area formerly contained the A Station component of Vales Point Power Station, which has since been demolished, leaving a flat concrete foundation. No vegetation will be removed as part of the project.

Some native vegetation and aquatic environments are present in the areas surrounding the project area and Vales Point Power Station. Biodiversity assessments will be undertaken as required, and controls will be implemented to avoid indirect impacts on surrounding areas, including Lake Macquarie, during construction and operations.

Will there be impacts to the surrounding landscape and visual amenity?

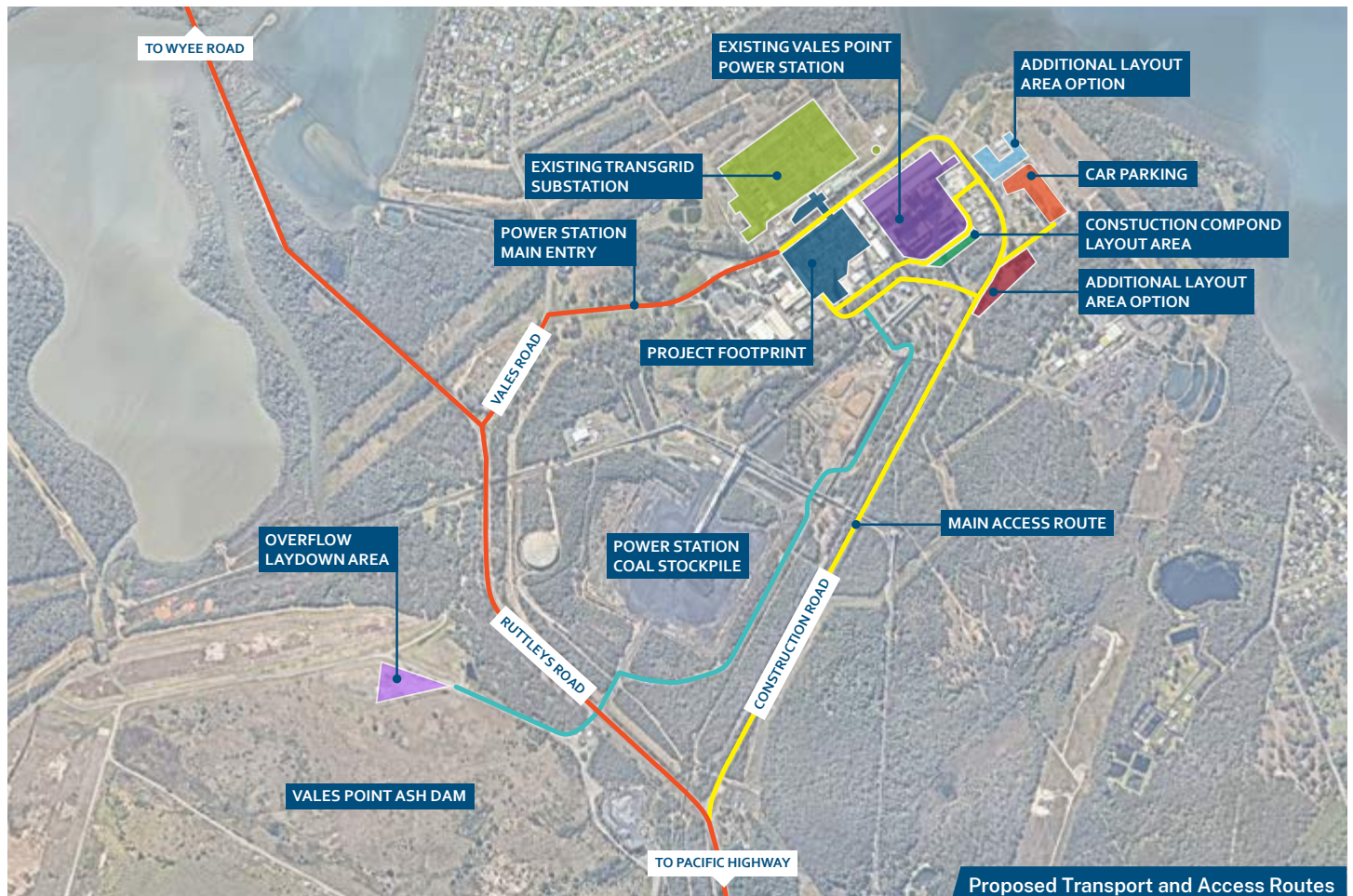
The BESS will be built within the footprint of the former A Station and is not expected to significantly change the visual landscape or visual impact from Vales Road. A visual impact assessment will be included in the EIS, which will also consider night lighting impacts on nearby residences, and will inform further visual mitigation measures.

How will safety be managed during construction?

The site will be securely fenced with controlled access, and a detailed Construction Work Health and Safety Management Plan will be implemented. We will also coordinate with emergency services to ensure safe operations throughout construction.

Who can I contact if I have a concern during construction?

A dedicated community contact point will be established, including a phone number and email for enquiries and complaints during construction. These details will be communicated before construction starts.



How can I provide feedback or share my concerns about the project?

We are continuing to engage with the community and stakeholders during the EIS preparation through a range of in-person and online activities.

This includes inviting community feedback on the concept design and as the EIS investigations progress, prior to submitting the State Significant Development (SSD) Application.

Visit the project website to learn more about the proposal and complete an online survey, or visit a community information display in November to talk with the project team.

What happens next?

Community and stakeholder feedback received will be considered to finalise the proposal and EIS.

The SSD Application, including the supporting EIS, is expected to be completed and lodged in early 2026 for assessment by the NSW Department of Planning, Housing and Infrastructure.

The NSW Department of Planning, Housing and Infrastructure will place the EIS on public exhibition, providing another opportunity for the community to provide feedback.

The community and stakeholders will be kept updated as planning and EIS activities progress.

Stay informed

We will continue to keep the community and stakeholders updated as the project progresses. Visit the project website for the latest updates, or send us an email to be added to our email list.