

Noise



Addressing EPA noise protocols

An acoustic assessment has been undertaken to ensure that the project will not exceed the Environment Protection Authority (EPA) noise limits.

The report will assess noise limits for residences and model noise generated by the project to demonstrate compliance. Pacific Green is committed to ensuring noise generation is minimised and compliant.

The key to making the project as quiet as possible is selecting equipment with lower noise output. Our batteries will be using cutting edge liquid cooling thermal management systems to keep the batteries at optimal temperature, rather than relying upon noisier fan forced cooling. Other key equipment selections include inverters and transformers.

The EPA have strict noise limits for both construction and operation of the project, underpinned by their legislation. At the planning application stage of the project, we will be required to demonstrate that the project is capable of not exceeding those noise limits at any time of day.

The Energy Park must comply with EPA Victoria's 'Noise limit and assessment protocol for the control of noise from industrial premises'.

To ensure the project complies with the EPA's requirements, the following technical work has been undertaken:

- Background noise monitoring
- Defining noise limits
- Equipment data comparisons
- Acoustic modelling

A Noise Impact Assessment will accompany the planning permit application.

The independent acoustic consultants have undertaken background noise monitoring at locations around the site to inform their assessment and ensure a high level of accuracy.

The Energy Park will generate very minor ambient noise when operational. The Portland Energy Park site was selected largely due to its industrial zoning and distance from the residential areas of Portland, minimising the risk of noise disturbances for the local community.

About Pacific Green

At Pacific Green we specialise in delivering grid-scale smart energy storage solutions from greenfield to operation. We are proud of our record in delivering safe, cutting-edge energy storage solutions, which are benefiting people and the planet.

To learn more about the Portland Energy Park via our project website, scan this QR code: www.pacificgreen.com/aus/projects/portland or contact us at portland@pacificgreen.com

