

Traffic



Managing road transport

A Traffic Impact Assessment (TIA) has been prepared to ensure that project design meets relevant State and Council road and traffic requirements.

The site's location on Madeira Packet Road is ideal, as it provides direct access to the State's principal road network. No new roads will be necessary, with only new access points to Madeira Packet Road required. Oleria Road will not be used for construction access. Internal tracks will allow servicing of the site.

Once operational vehicles will only need to enter the site for maintenance purposes. During the construction period vehicle movements will be required however all heavy vehicles will access the site via the Ring Road, past the Port and the smelter. This will avoid residential areas north of the site.

The Victorian Department of Transport (DPT) must consent to the application and approve new access points to Madeira Packet Road. A Traffic Impact Assessment (TIA) and Traffic Management Plan (TMP) must be endorsed by Council and DTP.

To ensure the project meets road safety requirements, the following assessments have been undertaken:

- **Safe Intersection Sight Distance and swept path analysis**
- **Traffic generation calculations and SIDRA modelling**
- **Road capacity assessment**

The TIA will accompany the planning permit application.

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



Traffic (continued)

The site's proximity to the Port of Portland means delivery of battery and infrastructure units can be transported via Madeira Packet Road. A Traffic Management Plan will be prepared and will require approval from the Department of Transport and Glenelg Shire Council to ensure construction traffic is managed appropriately.

During the construction phase, the Traffic Management Plan will be active to ensure safe vehicle movements. During the peak construction periods, between 85-145

light and heavy vehicles would move through site each day for around 6 months.

The TIA demonstrates that the operation of the Energy Park will not impact local road networks or transport. The additional vehicle traffic expected during construction can be absorbed by the existing road network with significant impact to traffic flow.

As shown in the map below, heavy vehicle access will only be via Madeira Packet / Ring Road.

Map: heavy vehicle access route



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

