

Victoria Power Substations

This power company owns one of the five electricity distribution networks in Victoria. They provide a range of energy and infrastructure products and service to businesses, government, communities and households. Keeping abreast with the rapid transformation in the energy sector, this company is invested in innovation to meet the changes towards new technology to enable more efficient uses of solar power and battery storage.

With the construction of new substations, Treadwell was engaged to supply the FRP grating.

Project Challenges

- Being in an electrically sensitive environment, the selected product had to have low conductivity.
- Product had to ensure safety for authorised personnel.
- Product had to be corrosion resistant, being installed in the outdoor environment.

PROJECT INFORMATION

Project Category:	Utilities Infrastructure
Scope of Work:	Supply FRP grating
Treadwell Products:	EX-Series® GratEX® FRP Square Mesh Grating



Treadwell Solution:

- 1 Treadwell's FRP products have low thermal and electrical conductivity, ensuring safety for the user.
- 2 GratEX® FRP Square Mesh grating is constructed to withstand high weight and wind loading.
- 3 Treadwell's FRP products are constructed from premium resin systems that include corrosion-resistant properties and include UV inhibitors, ensuring dependability even when permanently exposed to the outdoor environment.

- 4 Being lightweight and easy to install, FRP was very manageable during site assembly.
- 5 Given the nature of FRP, any system utilising it is virtually maintenance free, thus keeping maintenance costs as low as possible.