

# **Victoria solar Energy Storage Integrated Machine**





## Overview

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How many large-scale storage systems does Victoria have?

Victoria has 12 commissioned large-scale storage systems and 3 in commissioning – with a total output capacity of 1028 MW and storage capacity of more than 1.7 GWh. Storage capacity = how much total energy is stored in each battery. Output capacity = how much energy a battery can provide at a given time.

Where is the Gannawarra energy storage system located?

The Gannawarra Energy Storage System is located at the Gannawarra Solar Farm in Wandella, Victoria. The 25 MW/50 MWh battery is a Tesla Powerpack system. It's jointly owned by Edify Energy and Wirsol Energy and operated by Energy Australia.

How many energy storage projects are there in western Victoria?

In March 2018, 2 projects in Western Victoria were chosen to be part of The Energy Storage Initiative – one in Ballarat and one in Gannawarra. Construction for the Ballarat and Gannawarra Energy Storage Systems was completed in late 2018. Both batteries began operating over the summer of 2018 and 2019.

What is the Ballarat energy storage system?

The Ballarat Energy Storage System provides back-up power and grid stabilisation, vital to maintaining a reliable and affordable energy supply in Western Victoria. The Gannawarra Energy Storage System is located at the Gannawarra Solar Farm in Wandella, Victoria. The 25 MW/50 MWh battery is a Tesla Powerpack system.



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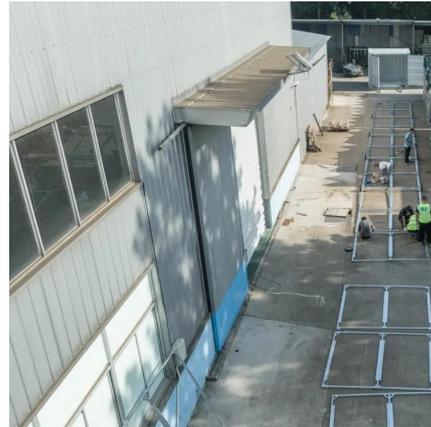
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