



# Relocation of the energy management system of wellington solar telecom integrated cabinet

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How close is the Bess substation to the Wellington TransGrid substation?

Close proximity to the Wellington TransGrid Substation - the BESS substation is proposed to be positioned approximately 300 m west of the Wellington TransGrid Substation thereby minimising transmission line distances and allows for the co-location of energy infrastructure.

Will the Wellington substation be upgraded?

Upgrade of the Wellington substation will comprise an extension to the existing infrastructure elements on that site. No change. Detailed design for the project has yet to be completed. The following design elements may be amended throughout the detailed design process: the location of attenuation features (noise wall/bunds) and fencing.

What are the benefits of the Wellington Bess project?

In operation, the Wellington BESS will be one of the largest in the state, capable of contributing up to 1,000 MWh of storage capacity in the NEM. The project will also provide benefits in the form of smoothing out energy spot prices and providing back-up power during network interruptions.

How many parking spaces will be provided in Wellington Development Control Plan 2013?

In accordance with Section H2 of the Wellington Development control plan 2013, a minimum of three spaces will be provided, one of which will be an accessible parking space. The location of the carpark will be confirmed in the detailed design. !! &quot;) Access point for operational developments Renewable energy project !

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This integrated BESS combines advanced lithium-ion battery technology, a Power Conversion System (PCS), and an Energy Management System (EMS) into a single, compact energy storage system.

Optimal energy use with high availability requires integrated managed site solutions designed to adapt to the



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power demands of the network and the local conditions at the site.

The table below consolidates key specs for LZY Energy Indoor Photovoltaic Energy Cabinet models. Indoor, floor-standing models all feature AC output, photovoltaic input, and energy storage functionality.

It will support new and existing renewable energy projects and may also provide various system services and network support. The project will also provide broader security to the grid by providing back-up ...

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