

# TARONG BESS ICELAND



What is the Tarong Bess project? Built adjacent to the Tarong power stations, the Tarong BESS is the first dispatchable energy project for Stanwell, which on completion will be able to discharge 300MW of energy into the National Electricity Market (NEM) for up to two hours.



What is the storage capacity of the Tarong Bess? It will have a storage capacity of 300MW over two hours duration. The Tarong BESS will be the first battery energy storage in Stanwell's portfolio. Batteries can be charged when energy generation is high, and discharge energy back into the grid when generation is low or demand is high, or to maintain grid stability.



How much money is being invested in the Tarong Bess project? Construction of the BESS onsite at the Tarong power station is the first step in the transition of this site into a clean energy hub and is being built in two stages. A total of \$514 million is being invested in this first battery project. The Tarong BESS comprises of 164 lithium-ion Tesla Megapack 2XL units.



Where is the Tarong Bess located? The Tarong BESS is located on the Tarong Power Station precinct near Nanango, which is being transformed into a Clean Energy Hub. Publicly owned Yurika contracted to install, with the support of local contractors providing services including civil works, craneage, plumbing, concrete supplies and quarry materials.



What is the Tarong battery energy storage system? The Tarong Battery Energy Storage System (BESS) will provide essential firming capacity to support the renewable projects we have planned in Southern Queensland. It will have a storage capacity of 300MW over two hours duration. The Tarong BESS will be the first battery energy storage in Stanwell's portfolio.

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How much energy will Tarong Power Station store? The large, standalone battery ??? built alongside Tarong Power Station ??? will support the storage of 300MW /600MWh of energy. The battery is being constructed by Yurika. Concrete slabs for the first stage of the battery project have been poured, with foundations being prepared for the transformers and switchgear.



The Tarong BESS is a 300MW / 600MWh battery being constructed by Yurika and it's a massive first step in our journey to secure 3 to 3.5 GW of energy storage by 2035, delivering firming ???



The geothermal water in eastern Iceland is unique because it's the only naturally warm drinkable water in Iceland. It runs out of the tap at 165 F (75 C) and is used to brew teas with a selection ???



The BESS will also provide Frequency Control Ancillary Services (FCAS) services to the NEM, helping ensure energy supply and demand are matched at all times. "By acting as a load during the peak solar generation ???



State-owned energy company Stanwell has today (13 August) announced it has started construction on its 300MW/1,200MWh battery energy storage system (BESS) at the coal-fired Stanwell Power Station in ???

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The Tarong BESS site. Image: Stanwell. Work has also reached the halfway mark on Stanwell's first dispatchable energy storage project, the \$514 million Tarong mega battery, which forms part of what will become the Tarong ???



Stanwell's Tarong Battery Energy Storage System (BESS) project now has its 164 Tesla Megapacks in place, proudly installed by Yurika. Built adjacent to the Tarong power stations, the Tarong BESS is the first ???



The Stanwell battery is one of a number being built by the state owned generators, with Stanwell Corp also building a 300 MW, 600 MWh battery next to the Tarong coal fired power station.