Teebar Battery Energy Storage System Fact Sheet

WHAT IS A BATTERY ENERGY STORAGE SYSTEM (BESS?)

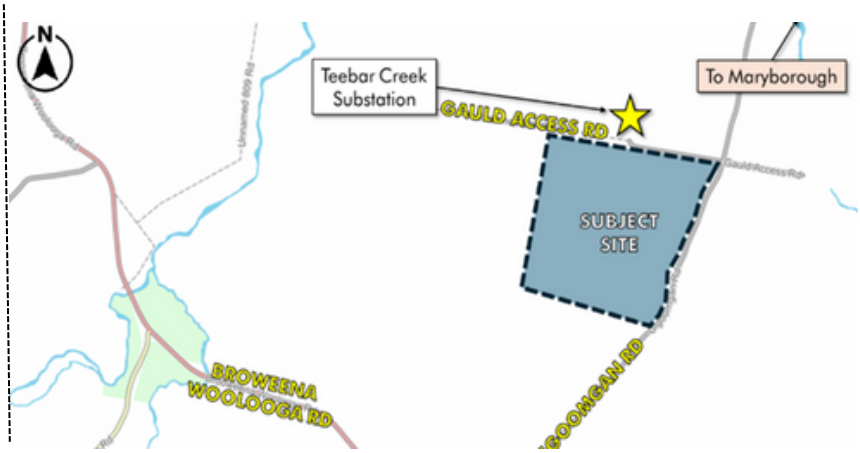
BESS's play a pivotal role in modern energy systems as they can store excess energy from renewable sources (solar or wind), during periods of overproduction or low demand. When demand surges, these stored resources can be discharged quickly to meet the higher electricity needs, mitigating supply demand imbalances. BESS's can help stabilise the grid and enable a more consistent grid power supply.

BESS TECHNOLOGY

A BESS consists of battery units, inverters, and transformers in modular blocks. The BESS technology proposed for the Teebar BESS Project is Lithium-ion, which is the most commonly employed technology for storing electrical energy within utility scale BESS facilities.

PROJECT LOCATION

The Teebar BESS Project is proposed to be located adjacent to the existing Teebar substation on the corner of Gigoomgan and Gauld Access roads. The proposed site is approximately 10 hectares, predominately cleared of native vegetation and currently used for grazing.



PROJECT SCHEDULE

Atmos has recently completed a number of technical studies to support a planning application. We submitted our planning application to Fraser Coast Regional Council in June 2024 and will receive approval in October 2024.

Council approval dependent, construction is anticipated to commence in 2026, taking approximately 18 months to complete. The operational lifespan for the battery is anticipated to be 25 years. After this period, the BESS will be decommissioned, batteries recycled, and land restored to its current form.

CONTACT US:

www.atmosrenewables.com.au

info@atmosrenewables.com.au