

CASE STUDY

Battery Energy Storage System Project, Australia



RENEWABLE ENERGY



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CLIENT

An Australian EPC contractor

LOCATION

Qinzhou, China via Port Hedland, Australia to a remote site in Marble Bar, Australia

PROJECT PERIOD

2023 - 2025

TOTAL CARGO WEIGHT / VOLUME

2,600 mt / 2,097 cbm

SCOPE OF WORK

TGP transported 48 BESS (Battery Energy Storage Systems) units involving road transport, port management, high pressure cleaning, export declaration, port management, biosecurity management, customs clearance, staging and delivery to remote site. Dangerous Goods handling procedure was a critical part of the delivery. In pre-planning the movement, the TGP team had to work with the port authority for 2 years on the safety protocols.

Weighing 45 mt each, special transport equipment with container locking pins was used to move the first-ever lithium batteries into Pilbara, Australia under extreme conditions. Due to port dangerous goods and biosecurity requirements, there was only a 3-day window to deliver 48 batteries to a site 3 hours away via a 90 km dirt road. Despite these challenges, the experienced TGP team accelerated the schedule and met the required delivery date.

