



PROJECT FACT SHEET

Sand Bypass System High Voltage Switchgear upgrade project

The Sand Bypass System plays a critical role in supporting safe navigation access to the Gold Coast Seaway and the city's coastal inland waterways network. The System mimics nature by pumping more than 500,000 m³ of sand under the Seaway to South Stradbroke Island each year. To ensure its ongoing reliability and efficient operation, the Gold Coast Waterways Authority is upgrading key equipment to bring it up to modern standards. This includes the high voltage switch gear, fire and safety system and monitoring and control systems for the plant

Benefits:

1. New high voltage switchgear will improve the safety, reliability and operation of the Sand Bypass System, reducing risk of unplanned outages.
2. Ongoing operations supporting safe navigation access to the Seaway and inland coastal waterways network for the marine, tourism and recreation industries
3. Assisting in integrating the Sand Bypass System's monitoring and control systems (PLC and SCADA) with the City of Gold Coast's Sand Back Pass Pipeline Project. The Sand Back Pass Pipeline Project supports beach nourishment and protection at the northern end of the Gold Coast.

Monitoring & potential impacts:

4. Sand Bypass System will shut down during removal of existing switchgear and installation of new switch gear (approximately 8 to 10 weeks.)
5. Minor electricity interruption to assets connected to the Sand Bypass System's high voltage switchgear to enable the installation of a temporary generator during the Construction Phase.

PROJECT LOCATION

The Sand Bypass System, The Spit.

KEY DETAILS

Project Investment:
\$1,600,00.00

Commencement:
February 2021

Estimated Construction Completion:
January 2022

Current Status:
Procurement Phase: Design & Construction

CONTACT

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PROJECT LOCATION: SBS HV SWITCHGEAR UPGRADE PROJECT

