


BW Opal: The world's largest offshore power generation



 **2.3 million tons CO2 reduction**

PROJECT TYPE

Floating production, storage and offloading (FPSO)



Gas turbine



Offshore solution



High efficiency



Emissions reduction



Customer Challenge/Driver

The Barossa Gas Project, operated by Santos, is an offshore gas and condensate project that aims to provide a new source of gas to the existing Darwin liquefied natural gas (DLNG) facility in the Northern Territory of Australia. The customer wants to ensure uninterrupted power generation while achieving high fuel efficiency and low carbon footprint.



Portfolio Elements/Scope

- 5 x **SGT-750 gas turbines** for supply of electricity power requirements (combined cycle power plant)
- 5 x Once through steam generators integrated with WHRU
- 1 x 30 MW steam turbine generator and condenser
- Balance of plant including pumps, demineralized water system & condensate polishing plant



Customer Benefit

- High operating **flexibility** and proven track record to meet the project's dynamic operating conditions
- Combined cycle configuration maximises **fuel efficiency** and supports BW Opal's decarbonization objectives and low-cost gas production