

A-Project: 3010 MW Qurayyah IPP II Expansion CCGT, Qurayyah industrial area, Kingdom of Saudi Arabia

Project information

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Exporter GE Vernova, Switzerland

The CCGT facilities envisaged for the proposed project consist of

- Five (5) Gas turbine (GT) generators
- Five (5) Heat recovery steam generators (HRSG)
- Two (2) Steam turbine (ST) generators and auxiliaries
- Condenser; Cooling Tower; Set of associated Balance of Plant (BOP) systems
- Marine Intake and Outfall Structures, water treatment Plants & Systems
- Power substation
- Proposed Future Carbon Capture infrastructure (space allocation)

The aim of the Project is to meet Saudi Arabia's growing power generation needs, featuring infrastructure centered around gas turbines and combined cycle power generation, taking advantage of the Kingdom's natural gas resources, while reducing the use of oil (liquid fuel).

The Project with a capacity of 3010 MW will be developed by a joint venture between ACWA Power and the Saudi Electric Company (SEC).

The Project is located between an existing steam plant and combined cycle power plant in the North and a new combined cycle plant in the south in the Qurayyah industrial complex, approximately 100 km to the South of the city of Damman on the Arabian Gulf.

The primary fuel will be natural gas.

The Swiss Exporter is GE Vernova, supplying five advanced 7H-Class gas turbines.

Further Project information: [Saudi Electricity Company "SEC" announces achieving Financial Close for Qurayyah IPP Expansion Project in Saudi Arabia with a production capacity of 3,010 MW.](#)