KINYEREZI II

KINYEREZI II COMBINED CYCLE POWER PLANT (240 MW)

Power & Infrastructure

The Kinyerezi II power plant project in Ilala district in Dar es Salaam, Tanzania is supplied with natural gas from the Mnazi Bay and adds 240 MW to the country's national grid.

The country's electricity-generation mix is dominated by natural gas, which accounts for about 60% of total power generation. The Kinyerezi II power plant, the country's sixth gas-fired power plant, marked a further milestone in Tanzania's efforts to reduce dependence on costly diesel-powered plants. The domestic availability of natural gas makes this mode of power generation particularly cost-effective.

We have been contracted to erect all the plant's electromechanical equipment including six gas turbines, two steam turbines, heat recovery steam generator (HRSG) units, Balance of Plant (BOP) packages, as well as provide full cabling, instrumentation, and piping structures.

Now completed, with an urgent and increasing demand for electricity, the Kinyerezi power project supplies approximately 20% of Tanzania's power generation capacity by using the natural gas produced in the country. This first combined cycle power plant in East Africa represents a remarkable development milestone for the entire region.

PROJECT SUMMARY

Client:
TANESCO

Engineer:
LAHMEYER ENGINEERING, GERMANY

Contractor:
TOSHIBA PLANT SYSTEMS AND SERVICES COMPANY

Contract Value:
USD 15 MILLION

Duration:
DECEMBER 2016 to OCTOBER 2018