

Steam Management System modelling and Power Island engineering, Abu Dhabi

Emirates Global Aluminium has awarded TCE with the Steam Management System Modelling and Power Island Engineering project located in Abu Dhabi. The project involves the power and steam integration consisting of upgrading and expanding EMAL power plant installation and ancillaries to supply the ATA refinery power and steam requirement.

Grati Combined Cycle Power Plant Extension Project

Lotte E&C has awarded TCE with the Grati CCPP project in Indonesia. TCE will provide engineering services covering mechanical, electrical civil-structural-arch, instrumentation and controls associated with the project, along with HVAC, fire fighting, plumbing and detailed engineering of field fabricated tank. Grati CCPP is a brown field project where in TCE will provide solutions for extension of the plant.

Kachchh Branch Canal Small Hydropower Projects

SSNNL is implementing three small hydropower projects in EPC mode at three locations of canal falls in Kachchh Branch Canal of the Narmada Main Canal in Gujarat to generate power. SSNNL has entrusted TCE with the consultancy services for planning, designing, formulation of bid documents, bid evaluation, and owner's engineering tasks including review of design, documents and drawings, and project management.

Value additions by TCE include cost and time saving through layout optimization, suggesting alternative alignment of water conductor system for avoiding time-consuming relocation of a high voltage transmission line tower, standardisation and facilitation of compact and efficient design of electromechanical components, guiding the CFD analysis and physical model studies of the projects.

BANGALORE

Telangana Super Thermal Power Project Stage

TCE is providing consulting engineering services to Alstom Bharat Forge Power Pvt. Ltd. for STG package for Stage-1 of the Telangana Super Thermal Power Project to be setup by NTPC.

The scope of services include structural and architectural works for main power house with control building, service building, CPU regeneration building, hydrogen cylinder shed and other utilities services such as transport, sewage management, landscaping, etc., related to the STG package.

