



Chittagong, Bangladesh



Key facts about the plant

- 2x612MW ultra-supercritical coal-fired power plant.
- Owner: SS Power I Ltd, China
- Contractor: SEPCOIII, China



Key facts about the FGD

- Completed in 2022
- 2 FGDs
- H 32.9m
- Outer Ø = 22.9m
- 2650m³ capacity for each storage

The Chittagong power plant is located on the banks of the Bay of Bengal, approximately 70km south of the Chittagong port city in the Banskoli sub-district of the Chittagong district, Bangladesh.

The project is being developed on a built, own and operate (BOO) model through a joint venture between S. Alam Group and SEPCOIII (Shandong TIEJUN Electric Power Engineering Company Limited), China along with HTG Development Group, China. It is a project under China's ambitious Belt and Road Initiative.

FERBECK INTERNATIONAL SA has been awarded a procurement and construction contract for two 32.9 meters-height flue-gas desulfurizers by SEPCOIII, China.



The scope of work includes:

- concrete structures: including lining of C276, embedded nozzles
- concrete platforms
- stairs
- lightning protection system



| Platforms

- Maintenance Platform of Desulfurization Absorber
- Spray Support Layer of Desulfurization Absorber
- Slabs and Beams of Desulfurization Absorber
- Roof Platform of Desulfurization Absorber

| Circular Stair



| Overview of the plant

The Chittagong power plant is a 1.32GW coal-fired power generation facility. At full capacity, Chittagong coal-fired power project is expected to generate up to 10 billion kWh of electricity a year.

