

FERBECK INTERNATIONAL

Chittagong, Bangladesh



Key facts about the plant

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



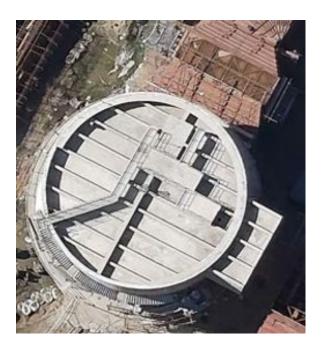
Key facts about the FGD

- · Completed in 2022
- 2 FGDs
- H 32.9m
- Outer $\emptyset = 22.9 \text{m}$
- 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



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Platforms

- Maintenance Platform of Desulfurization Absorber
- Spray Support Layer of Desulfurizationn 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.



