



PROJECT :

STAGE-I (2 X 800MW) SUPER THERMAL POWER PLANT AT LARA, CHHATTISGARH

OVERVIEW :

G+H insulation provided complete insulation solution for boiler, ducts, electrostatic precipitators, and pipelines of boilers at the power plant while outsourcing refractory works

ABOUT :

Lara Super Thermal Power Station is under construction power project located at near village Lara, Taluk Pussore, Raigarh district in Indian state of Chhattisgarh. The power plant is one of the coal based power plants of NTPC. The project will be based on super critical technology. The power plant will have total five units of 800 MW each, which will be producing 4000 MW of power.

This is Phase 1 of the project, in which 2 x 800 MW Units will be constructed by DPSI.

CUSTOMER/ : DOOSAN POWER SYSTEMS INDIA PVT LTD CONSULTANT	WORK DESCRIPTION : Application of insulation for Stage-I (2 x 800MW) Super thermal Power Plant at Lara, Chhattisgarh	PERIOD OF EXECUTION 12/2015 – Under execution	SURFACE INSULATED: 80,000 M2
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SOLUTION:

- Hot insulating pipes and equipment with layers of Mineral wool up to 550°C and with Ceramic fibre above 550°C.
- Weather protecting the finished insulation surface with aluminium sheeting.
- Strictly adhering to the highest level of international safety standards.

TASK:

- Insulation work on 80,000 M2 on different areas in the plant.
- Maximizing energy efficiency and minimizing emissions
- Increasing work safety.

ADVANTAGES:

- Energy losses reduced by a very substantial proportion.
- Energy-efficient work processes.
- Greater protection for employees.