

**PROJECT :-**

**2 x 700 MW COAL FIRED POWER PLANT AT JIMAH, KUALA LUKUT,  
PORT DICKSON, NEGERI SEMBILAN**

**LOCATION :-**

Port Dickson, Negeri Sembilan, Malaysia

**CLIENT :-**

Taisei Corporation

**PROJECT COST :-**

RM250 Million

**EXPECTED COMPLETION DATE :-**

DEC 2007

**Job Description :-**

The proposed power plant will have a nominal capacity of 1400 MW, comprising of 2 steam turbine units of 700 MW each. A coal unloading jetty, is constructed as part of the project to support the conveyor system adopted to transfer the imported coal from the vessel to the coal storage yard. A once through cooling water system is employed, with the Cooling Water Intake located along the coast of Strait of Melaka and the heated water discharged back into the Strait of Melaka.

**The Detailed Works Include :-**

- Design of civil/structural works and associated architectural works, including Coal Storage Yard, Coal Transfer Tower Foundations, Coal Crusher House and Electrical Room, Coal Conveyor Foundations, Stacker Reclaimer Foundation, Coal Settling Basins and Drainage System, Coal Handling Control Building and Balance Of Plant Transformer Foundations, Ancillary Pipe Sleepers and equipment foundation within the coal yard.
- Design of temporary jetty, coal unloading jetty, trestle with roadway, Custom and Immigration Building, and Electrical Building.
- Design for Cooling Water Intake and Pump Pit, Cooling Water Settling Basin and Cooling Water Discharge System.

**SERVICES PROVIDED :-**

- Geotechnical Design
- Detailed Civil & Structural Design
- Construction Supervision



**Overall View of the Plant**



**Coal Unloading Jetty**