



Location:
Tabang, East Kalimantan,
Indonesia

Client:
PT Kaltim Supacoal

Contract Type:
Procure and Construct

Duration:
January 2008 to August 2009

Description of Works

In an alliance agreement with technology developer White Energy, Thiess Indonesia completed the Tabang Coal Processing Facility in March 2009 and the associated 8 MW power station in August 2009.

The Tabang Processing Facility, located in a remote region of East Kalimantan, was constructed for client PT Kaltim Supacoal (a subsidiary of Bayan Resources) and is the first full Binderless Coal Briquetting (BCB) production module for technology developer White Energy in Indonesia.

Thiess' Role

This project was part of a strategic alliance Thiess Indonesia signed with White Energy for a period of five years to develop Binderless Coal Briquette (BCB) plants in Indonesia.

From the start of the project in January 2008, Thiess Indonesia delivered all aspects of the procurement, logistics, and construction on time, based on White Energy's designs. Thiess's role also included the final commissioning stages of the pioneering facility.

The project scope was increased to include the project management and construction completion of the associated 8MW power plant which is an integral part of the processing facility.

Thiess Indonesia continues to support the facility the operation and maintenance contract.



Project Delivery

Challenges of the project included extensive logistics coordination of major plant and equipment from all around the world; Germany, UK, USA, Australia, Malaysia, China and Vietnam.

Once equipment arrived in country they then needed to be barged to the extremely remote project site, which involved a 10 -14 day sailing time from the TCI logistics base in Balikpapan up through the Mahakam delta and 200 Kms up one of Kalimantan's smaller rivers.

One of the more critical moves essential to keeping the project on time was the 50 tonne furnace custom made in Batam Island, near Singapore. The unit was a key component which had to be shipped in one piece. With a long lead time on the fabrication any damages would have seen the component needing to be completely rebuilt. Ensuring the piece was shipped up the remote seasonal rivers was a key logistical move.