

PROJECT DATA

Cambodian Transmission Reinforcement Project



CLIENT	The World Bank, Electricity Du Cambodia
PROJECT LOCATION	Southern Cambodia
DATE OF PROJECT	April 2000 - May 2001
SERVICES PROVIDED	<ul style="list-style-type: none">• Project management• Project Investigation• Preliminary design• Production of contract documentation

Project Description

This project involved the investigation, preparation of a feasibility study and preliminary design of:

- 2 x 220/115/22kV substations.
- 130km double circuit 220kV and from Phnom Penh to the Vietnam Border passing through flood plains, rice paddies and urban development.
- 20km double circuit 115kV line to the existing network.
- Stringing of a second circuit on the existing 115kV network.

The specialist services supplied required:

- Assessment of local environmental and social issues, including land owner interviews.
- Detailed route and site selection with field verification.
- Engineering and property surveys. Utilising advanced GPS technology.
- Assessment of structural requirements, with consideration of high flood levels.
- Preliminary design of substations.
- Modeling of the lines with TLCADD and production of a preliminary design and section sheets.
- Production of detailed Design and Construction specifications.



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