

LEYTE-BOHOL INTERCONNECTION

The Philippines



General View of the Project Site



DESCRIPTION

The purpose of this project is to transmit electricity generated by geothermal energy in north of Leyte Island to Bohol Island. This project is designed to be implemented in two stages.

Stage I involves the installation of 138kV submarine cables between the two islands and the cables will be initially energized at 69kV. Stage II upgrades the energization of the transmission line to 138kV.

NAME OF CLIENT:

National Power Corporation (NAPOCOR)

CAPACITY:

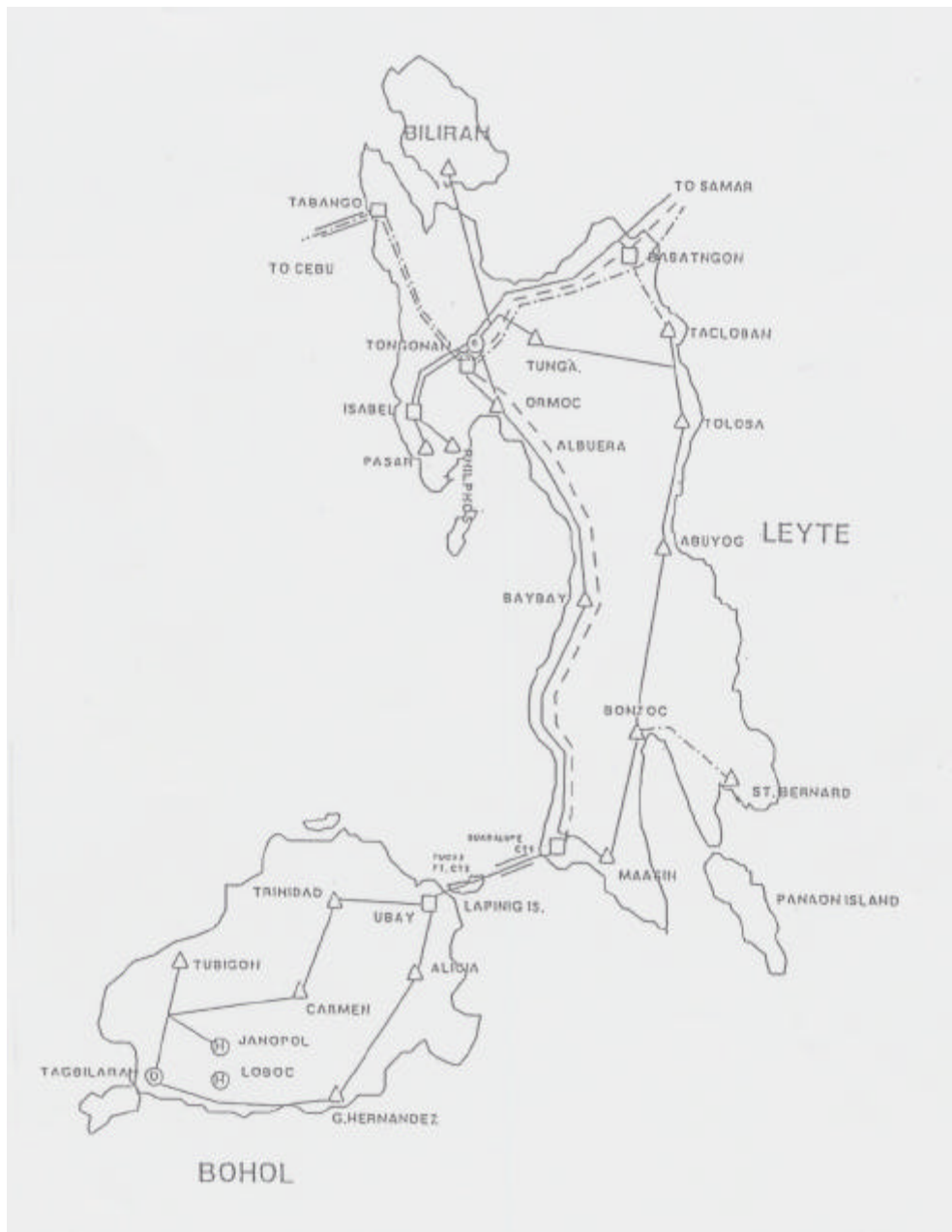
Stage I 138kV Submarine Cable 17km

Stage II 138kV Transmission Line

SERVICES:

Detailed Design (December, 1996 - June, 1999)

Construction Supervision (July 1999 -)



(1) Transmission Line

138 kV Transmission Line	150 km (1 cct)
69 kV Transmission Line	54.7 km (1 cct)

(2) Submarine Cable

138 kV submarine Cable	17 km (1 cct)
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(3) Substation

Substation to be newly installed	Maasin SS (30 MVA) Ubay SS (100 MVA)
Existing Substation to be Expanded	Ormoc SS (50 MVA)

(4) Telecommunication Facility

VHF Radio Equipment	Banilad SS (Cebu) - Buenavista RS (Bohol) - Maasin SS (Leyte)
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