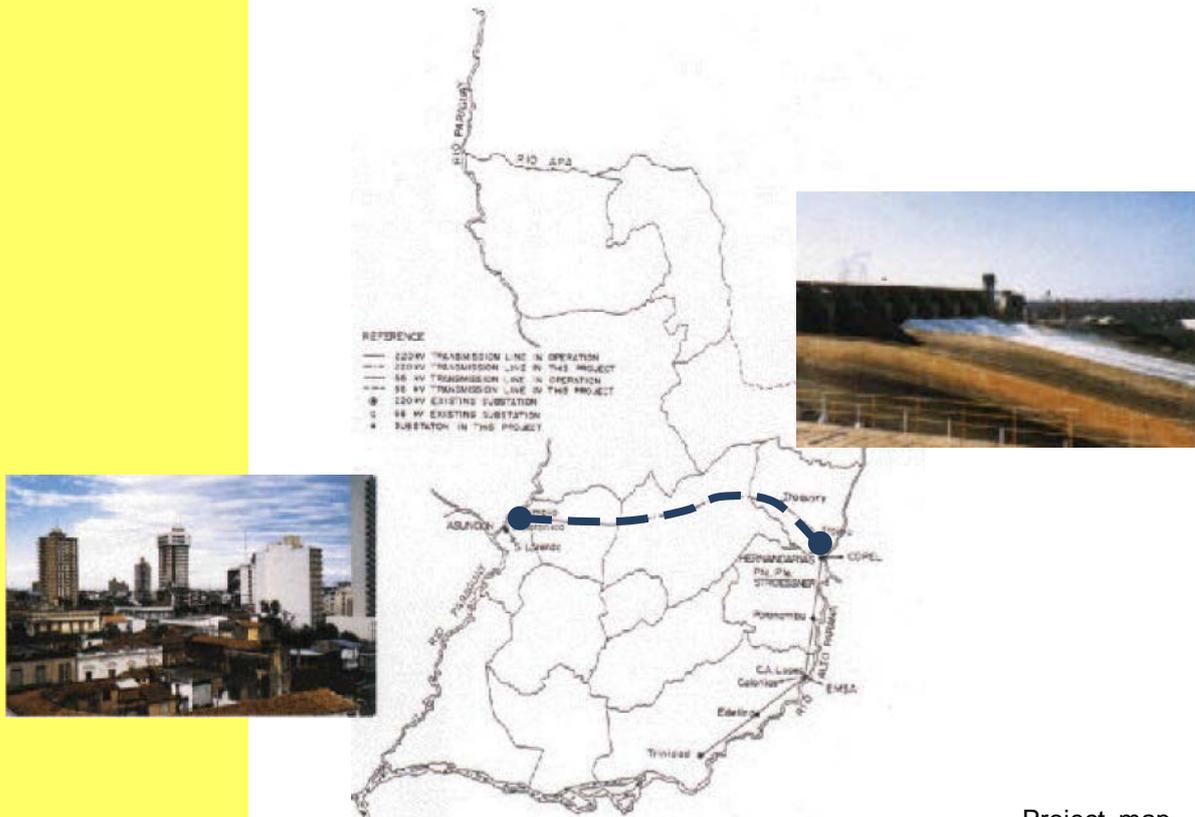


ITAIPU - LIMPIO 220KV TRANSMISSION LINE PROJECT

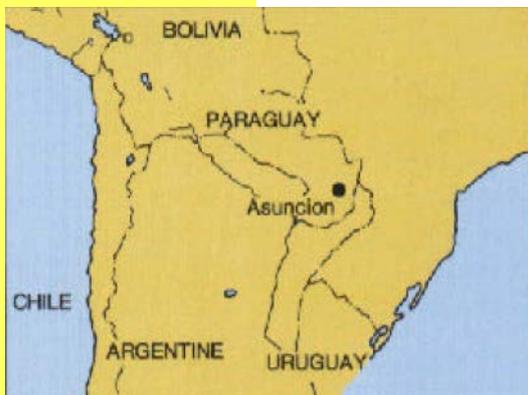
Paraguay



Project map

DESCRIPTION

To keep pace with continual additions of generating capacity at the Itaipu Power Plant, a single circuit 160 MVA transmission line was constructed between Itaipu and Asuncion, largest load center of Paraguay, to add to the existing 3 circuit 390 MVA transmission line. The towers were designed to support 2 circuits for the future expansion.



NAME OF CLIENT:

Administracion Nacional de Electricidad

FACILITIES:

(1) Transmission Line

220kV Transmission Line :

Itaipu P/S-Limpio S/S

320km (1cct [2-cct Design tower, 1-cct String])

Limpio S/S-Jardin Botanico S/S

28km (1cct [2-cct Design tower, 1-cct String])

(2) Substation

Newly installed: Limpio S/S (37.5MVA)

Jardin Botanico S/S (120MVA)

Itakyry S/S (25MVA)

Paranambu S/S (10MVA)

Natalio S/S (10MVA)

Expanded: Itaipu P/S (1,125MVA)

San Lorenzo S/S (160MVA)

(3) Telecommunication Facilities

Power Line Carrier, VHF Radio Equipment

SERVICES:

Detailed Design (1986 - 1987)

Construction Supervision (1988 -1990)