

EGAT's 500 kV EHV System

1. Project name : Transmission System for Bang Pakong Thermal # 3,4
2. Project description

The project includes a) construction of 500 kV Bang Pakong - Nong Chok (4x795 MCM ACSR, DC/ST) transmission lines for a distance of 44 km., b) 500/230 kV Bang Pakong Substation, and c) expansion of the 500 kV Nong Chok Substation.

3. Project cost (Million Baht)

	<u>FC</u>	<u>LC</u>	<u>Total</u>
a) 500 kV Bang Pakong - Nong Chok (4x795 MCM ACSR, DC/ST, 44 km)	148.0	85.5	233.5
b) 500/230 kV Bang Pakong Substation	335.6	53.6	389.2
c) 500 kV Nong Chok Substation expansion	52.5	11.8	64.0
d) Communication system addition	3.2	0.6	3.8
e) Engineering & contingencies	54.0	68.5	122.5
f) Escalation	120.5	58.5	179.0
g) Import duties, taxes and IDC	0.0	242.0	242.0
Total	<u>713.5</u>	<u>520.5</u>	<u>1234.0</u>

4. Tentative schedule

- a) Government approval :
 b) Bidding : January 1995
 c) Construction : October 1995
 d) Commissioning : July 1997