

EGAT's 500 kV EHV System

1. Project name : Transmission System for Mae Moh # 12
2. Project description

There is no construction of transmission lines for Mae Moh # 12. Only the expansion of the 500 kV Mae Moh 4 Switchyard and the 500 kV Nong Chok Substation including the addition of a transformer rated 500/230 kV, 600 MVA at this substation will be required.

3. Project cost (Million Baht)

	<u>FC</u>	<u>LC</u>	<u>Total</u>
a) 500 kV Mae Moh 4 Switchyard expansion	26.0	6.5	32.5
b) 500/230 kV Nong Chok Substation expansion	118.0	15.0	133.0
c) Engineering and contingencies	14.5	15.0	29.5
d) Escalation	19.5	7.0	26.5
e) Import duties, taxes and IDC	0.0	54.0	54.0
Total	<u>178.0</u>	<u>97.5</u>	<u>275.5</u>

4. Tentative schedule

- a) Government approval : October 1989
- b) Bidding : April 1993
- c) Construction : November 1993
- d) Commissioning : July 1995