

EGAT's 500 kV EHV System

1. Project name : Transmission System for Mae Moh # 11

2. Project description

The construction of the 2nd circuit of the 500 kV Tha Tako - Nong Chok is being proposed. This line will be made of 4x795 MCM ACSR conductors for a distance of 215 km. In addition, 500 kV Mae Moh 4 Switchyard, 500 kV Tha Tako Substation the 500 kV Nong Chok Substation will also be expanded.

3. Project cost (Million Baht)

	<u>FC</u>	<u>LC</u>	<u>Total</u>
a) 500 kv Tha Tako - Nong Chok (4x795 MCM ACSR, SC/ST, 215 km)	413.0	326.0	379.0
b) 500 kv Mae Moh 4 Switchyard expansion	26.0	6.6	32.6
c) 500 kv Tha Tako Substation expansion	43.0	5.6	48.6
d) 500 kv Nong Chok Substation expansion	45.4	6.0	51.4
e) Communication system addition	1.6	0.3	1.9
f) Engineering and contingencies	53.0	101.5	154.5
g) Escalation	28.0	51.5	79.5
h) Import duties, taxes and IDC	0.0	254.5	254.5
Total	<u>610.0</u>	<u>752.0</u>	<u>1,362.0</u>

4. Tentative schedule

a) Government approval : Mid 1987
 b) Bidding : August 1991
 c) Construction : May 1992
 d) Commissioning : July 1994