

EGAT's Thermal Power Plant Project

1. Project name : Mae Moh lignite # 10-13
2. Type of generation : lignite-fired steam plant
3. Description and scope of project
  - a) Location : Mae Moh Province
  - b) Rated capacity : 4x300 MW
  - c) Annual energy generation : 4x1970 GWh
  - d) Fuel : lignite
  - e) Fuel consumption : 4x1.859 million ton per year
4. Project cost (Million Baht) of each unit of 300 MW

	---FC---	---LC---	---Total---
-Turbine generator & auxiliary	528.95	-	528.95
-Steam generator & auxiliary	1,315.44	-	1,315.44
-Lignite & ash handling system	77.22	-	77.22
-Structural steel	37.26	-	37.26
-Cooling tower & C.W. pumps	138.54	-	138.54
-Water treatment	127.98	-	127.98
-Electrical equipment	295.14	-	295.14
-Instrument & control	236.52	-	236.52
-Plant miscell. equipment	156.24	50.76	216.00
-Civil works	20.52	797.88	818.40
-Erection & site service	-	570.51	570.51
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Total	2,942.81	1,941.15	4,361.96

5. Tentative schedule

- a) Feasibility study and approval : Mid 1987 ( Mae Moh # 10&11)  
 October 1989 (Mae Moh # 12)  
 October 1990 (Mae Moh # 13)
- b) Engineering : January 1989 (Mae Moh # 10)  
 October 1989 (Mae Moh # 11)  
 October 1990 (Mae Moh # 12)  
 October 1991 (Mae Moh # 13)
- c) Preliminary, manufacturing, construction and installation works : October 1989 (Mae Moh # 10)  
 October 1990 (Mae Moh # 11)  
 October 1991 (Mae Moh # 12)  
 October 1992 (Mae Moh # 13)
- d) Commissioning : October 1993 - October 1996