

EGAT's Thermal Power Plant Project

1. Project name : New Gas Turbine
2. Type of generation : gas-fired gas turbine
3. Description and scope of project
 - a) Location : not determined
 - b) Rated capacity : 100 MW
 - c) Annual energy generation : 525.0 GWh
 - d) Fuel : natural gas
 - e) Fuel consumption : 20 million cubic feet per day

4. Project cost (Million Baht)

	---FC---	---LC---	---Total---
-Gas turbine	483.30	45.36	528.66
-Gas receiving & distribution	38.10	6.21	44.31
-Distillate storage & distribution	31.62	6.21	37.83
-Electrical equipment	96.12	17.01	113.13
-Land & land rights	-	9.99	9.99
-Civil works	17.28	33.48	50.76
-Local transport	-	6.78	6.78
Total	---666.41	---125.04	---791.45

5. Tentative schedule

- a) Feasibility study and approval : October 1987
- b) Engineering : July 1989
- c) Preliminary, manufacturing, construction and installation works : Mid 1990
- d) Commissioning : February 1993