

EGAT's Hydroelectric Power Plant Project

1. Project name : Srinagarind # 5
2. Type of generation : Pumped storage
3. Description and scope of project

a) Location

Srinagarind # 5 will be installed at the existing dam which was constructed across the Quae Yai River in Kanchanaburi Province. The site of the dam is 68 km upstream from the confluence of Quae Yai and Quae Noi Rivers.

b) Power plant

Srinagarind # 5 is a reversible pump-turbine rated 180 MW , capable of generating 113.2 GWh annually. The pumping energy is 165.8 GWh yearly.

4. Project cost (Million Baht)

	<u>FC</u>	<u>LC</u>	<u>Total</u>
a) Preliminary works	-	-	-
b) Compensation, resettlement and environmental impact mitigation plan	-	-	-
c) Civil works	11.23	17.54	28.77
d) Hydraulic equipment	-	-	-
e) Electro-mechanical equipment			
-Turbine	265.89	21.34	287.23
-Generator	175.61	14.10	189.71
-Others	53.78	4.22	58.00
f) EGAT administration	0.00	28.54	28.54
g) Engineering consulting service	25.27	8.33	33.60
h) Import duties, taxes and IDC	0.00	176.95	176.95
Total	<u>531.70</u>	<u>271.02</u>	<u>802.80</u>

5. Tentative schedule

- a) Government approval : January 1988
- b) Bidding : April 1989
- c) Construction : October 1989
- d) Commissioning : January 1993