

PEA's Power Generation Project

1. Project name : Wind Energy Project

2. Project description

The project is a wind power plant rated 100 kW to be located on Pha-ngan Island in Surat Thani Province to provide electricity in parallel with the PEA's existing diesel power plants to customers on the island as a pilot project to transform renewable energy locally available to electric energy for the villages not suitable to be connected to the main grid. The project consists of the construction of one wind power plant and H.T. distribution line of 10 circuit-km.

3. Project status

The project is currently under consideration of the Government of the Federal Republic of Germany to provide assistance to PEA.

4. Project cost (Million Baht)

Foreign currency	5
Local currency	--5
Total	--10

5. Tentative schedule

The project is scheduled to be implemented during 1987 - 1988. The survey, design, specification preparation and bidding commitment will be carried out in the first year. The construction work will be in the second year.