

PEA's Power Distribution Project

1. Project name : Normal Rural Electrification Project, Phase II

2. Project description

PEA has already executed the Normal Rural Electrification Project, Phase I during the 5th NESDP. The 2nd phase project is the continuation of Phase I and will be implemented under the 6th NESDP. The project is aimed to provide electricity supply upon requests to 2,000 unelectrified villages and another 2000 partly electrified villages. In principle, villagers under this project have to contribute electric poles, cross-arms and half of the labour which is approximately 30 % of the total investment altogether. PEA provides conductors, insulators, transformers and accessories which is approximately 70 % of the total investment. This project requires the following components:

| | |
|------------------------|------------------|
| H.T. distribution line | 4,400 circuit-km |
| L.T. distribution line | 7,000 circuit-km |
| Transformers | 84,000 kVA |
| Meters | 170,000 sets |

3. Project status

Post evaluation of the first stage has already been carried out. Its result will be used as a guideline for the feasibility study of this project which will be accomplished by 1987.

4. Project cost (Million Baht)

| | |
|--------------------|-------|
| Foreign currency | 877 |
| Local currency | 160 |
| Local contribution | 503 |
| | ----- |
| Total | 1,540 |
| | ===== |

5. Tentative schedule

The project is scheduled to be implemented during 1987 - 1991. The first year will be spent for the preparation of materials, equipment, instrument and vehicles as well as resources and construction planning. Construction work will be performed in the next remaining 4 years of the period.