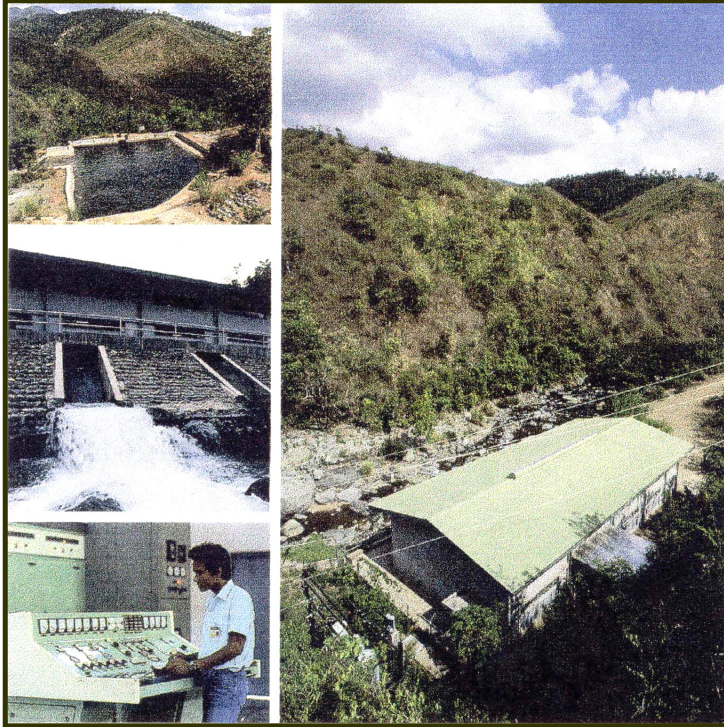


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Mini Hydro Power Projects

Engineering Services of Hydro Power Projects

**Client**

National Electrification Administration

Project

Mini Hydro Power Projects

Location

Philippines

Project Period

Start

End

Project Description

The Philippine Government, through the National Electrification Administration (NEA), assisted local electrical cooperatives in the development of indigenous and renewable energy sources throughout Luzon and the Visayas by promoting mini-hydro development which aimed to tap small water resources such as rivers and waterfalls for power generation.

The project involved the design and construction supervision of 37-mini hydropower generating projects in various areas in Luzon and the Visayas.

The following is a list of the projects undertaken:

- Gayong Mini-Hydro (800 KW) - Albay, Philippines
- Manitohan Mini-Hydro (1,890 KW) - Albay, Philippines
- Dipalo Mini-Hydro (750 KW) - Pangasinan, Philippines
- Dulangan Mini-Hydro (1,600 KW) - Oriental Mindoro, Phils.
- Rangas Mini-Hydro (2,400 KW) - Camarines Sur, Philippines
- Osiao Mini-Hydro (2,100 KW) - Sorsogon, Philippines
- San Gabriel Mini-Hydro (2,800 KW) - La Union, Philippines
- Baracbac Mini-Hydro (1,200 KW) - Pangasinan, Philippines
- Sowong Mini-hydro (1,200 KW) - Camarines Sur, Philippines
- Itbog Mini-Hydro (1,890 KW) - Camarines Sur, Philippines
- Hitoma Mini-Hydro (2400 KW) - Cataduanes, Philippines



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- Salaza Mini-Hydro (3,200 KW)
 - Cagaycay Mini-Hydro (960 KW)
 - Sibulan Mini-Hydro (600 KW)
 - Pugo Mini-Hydro (750 KW)
 - Bagsit Mini-Hydro (1,000 KW)
 - Soybuan Mini-Hydro (480 KW)
 - Binahugan Mini-Hydro (1,500 KW)
 - Kiloloron/Kinanliman Mini-Hydro (4200 KW)
 - Bansud Mini-Hydro (1,000 KW)
 - Cabalisian Mini-Hydro (1,890 KW)
 - Ranggas Mini-Hydro (750 KW)
 - Tigman Mini-Hydro (2,400 KW)
 - Inarihan Mini-Hydro (960 KW)
- Zambales, Philippines
 - Camarines Sur, Philippines
 - Sorsogon, Philippines
 - La Union, Philippines
 - Zambales, Philippines
 - La Union, Philippines
 - Camarines Sur, Phils.
 - Quezon Phils.
 - Oriental Mindoro, Phils
 - Pangasinan Philippines
 - Sorsogon, Philippines
 - Camarines Sur, Philippines
 - Naga City Philippines

Scope of Service

Trans-Asia performed engineering services for a number of these stations ranging in capacity from 750 KW to 4,200 KW each. Consultant services included necessary surveys, studies and technical assistance; engineering design; quantity surveying, estimating and document preparation; project management, equipment installation and construction supervision; commissioning; planning; institutional strengthening; training and transfer of technology; and productivity development.



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