



Tonkin & Taylor

Hydropower Project, Vaitai, Samoa

Client

Asian Development Bank.

Project

Two studies were undertaken. Firstly the Vaitai Hydro Power Project, a 2 MW run-of-river scheme with net generation head of 130 m and design discharge of 2 cumecs. The main components are intake weir, single 2.1 km long by 2.1 m diameter penstock, powerhouse with twin 1 MW Pelton turbines and switchyard and 4 km x 22 kv transmission line.

The second part covered a hydro power options study on the two main islands of Upolu and Savai'i.

Services provided

- Scoping and options studies
- Prefeasibility studies.



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