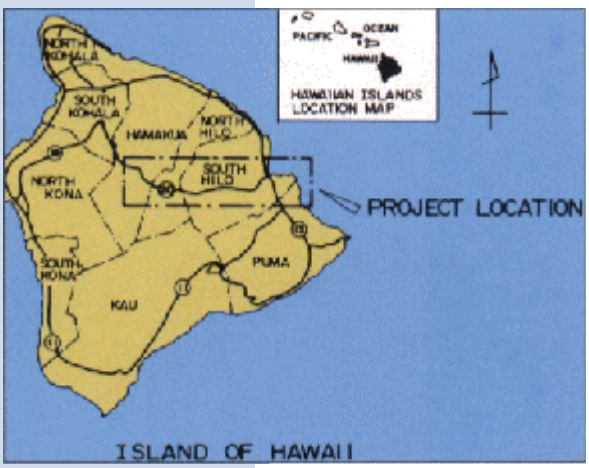
HAWAII PUMPED STORAGE

U.S.A

General View of the Project

DESCRIPTION

Utilizing the ample water resource in the eastern part of Hawaii Island, this project will supply water to the central and eastern parts of the Island by pipelines. It will also provide hydroelectric power generation utilizing an effective head of 1,600m. The underground water(0.88m^3/s), pumped up at 9 deep wells in the eastern region, will be transferred by 8 pumps across the south side of Mt. Mauna Kea (13,796ft.) to its west side. Feasibility of the pumping system alone was studied in Phase I, and a feasibility study on the power generation system is currently proceeding in Phase II.



NAME OF CLIENT:

State of Hawaii, Dept. of Land and Natural Resources

SERVICES:

Feasibility Study (Phase I) (January-December, 1989)

Feasibility Study (Phase II) (October, 1990-August, 1991)