

Layer Name: Screened Conventional Hydro Power Projects

File Name: hydro_projects_screened

Layer Type: Point

Status: Complete

Geographic Extent: Main Hawaiian Islands

Projection: UTM Zone 4 (meters)

Datum: NAD 83 HARN

Please note - if you are using data in the [State's web services](#) or downloading from the [State's geoportal](#), the data is served and exported in WGS84 coordinates, although it is stored internally in UTM coordinates.

Description: This data shows the location of conventional hydropower projects studied by EA Engineering on contract for the US Army Corps of Engineers in support of the State of Hawaii's 2030 Clean Energy Initiative. This data is a SUBSET of the entire dataset delivered by the USACE. At the direction of the State Energy Office, the Statewide GIS Program extracted those studied hydro projects identified as meeting the criteria outlined in the USACE report (<https://energy.hawaii.gov/wp-content/uploads/2011/10/HydroelectricPowerAssess.pdf>).

History: A database was developed in 2010-2011 in support of a conventional hydropower assessment that included more than 50 site-specific economic and environmental/social criteria. The information was developed to allow the USACE, State, County, and private developers to analyze potential hydropower sites based on their needs and interests. This data is a SUBSET of the entire dataset delivered by the USACE. At the direction of the State Energy Office, the Statewide GIS Program extracted those studied hydro projects identified as meeting the criteria outlined in the USACE report (<https://energy.hawaii.gov/wp-content/uploads/2011/10/HydroelectricPowerAssess.pdf>). More information about the assessment project and resulting database can be found in the HydroElectric Power Assessment Report.

Source: DBEDT State Energy Office, 2012

Attributes: Please refer to the complete, FGDC compliant metadata for this layer, available at http://files.hawaii.gov/dbedt/op/gis/data/hydro_projects_screened.html for information on data collection methods and attribute descriptions.

Contact: Hawaii Statewide GIS Program, Office of Planning, State of Hawaii
PO Box 2359, Honolulu, Hi. 96804
(808) 587-2846
email: gis@hawaii.gov