

**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

**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](http://files.hawaii.gov/dbedt/op/gis/data/hydro_projects_screened.html) for information on data collection methods and attribute descriptions.

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