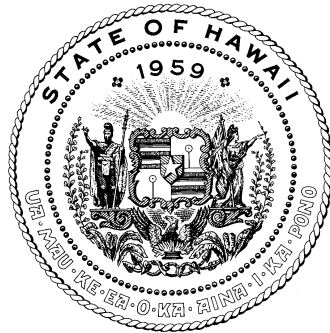


Report to the Thirty-Second Legislature
2024 Regular Session

**GEOHERMAL ROYALTIES DISPOSITIONS
and
STATUS OF GEOHERMAL AND CABLE SYSTEM DEVELOPMENT
FISCAL YEAR 2023**



Prepared by the

Department of Land and Natural Resources
State of Hawaii

In response to
Sections 182-18 and 196D-11, Hawaii Revised Statutes

November 2023

**GEOTHERMAL ROYALTIES DISPOSITIONS
and
STATUS OF GEOTHERMAL AND CABLE SYSTEM DEVELOPMENT
FISCAL YEAR 2023**

This report is prepared pursuant to Sections 182-18 and 196D-11, Hawaii Revised Statutes, and covers the period from July 1, 2022 through June 30, 2023.

The Department of Land and Natural Resources is responsible for the effective management of geothermal resources and its development, to protect the health and safety of the public and to ensure the continued viability of the resource for the future. Currently, the Island of Hawaii is the only island benefiting from geothermal development. Power generation from geothermal energy began in May 1993 and, on average, annually provided more than 25% of the Island’s power demands. Currently power generation is ramping back up to reaccommodate those demands.

Section 182-18, HRS – Geothermal Royalties

During Fiscal Year (FY) 2023, Puna Geothermal Venture (PGV) continued to work to restore electrical production after a long hiatus due to the 2018 eruption along the Kilauea East Rift Zone (KERZ). Existing geothermal wells were modified, and new wells were drilled to restore electrical production. PGV also began updating its power plant infrastructure by replacing older power generation equipment with more efficient units and refurbishing electrical substations with the goal of increased efficiency and clean energy production to meet its allowed energy production limits.

In FY 2023, total geothermal royalties were received in the amount of \$2,536,465.66. Statutory distributions during this period were made as follows:

State of Hawaii	\$1,268,232.83 (50%)
County of Hawaii	\$ 760,939.70 (30%)
Office of Hawaiian Affairs	\$ 507,293.13 (20%)

Issued Permit(s)

2 (two) permits were granted to drill new geothermal wells.

Well Number	Well Type	Permit Type	Date Permit Granted
KS-21	Development	Drill	10/27/22
KS-22	Geothermal	Drill	3/6/23

Section 196D-11, HRS - Geothermal and Cable System Development

No program work was performed during the FY to effectuate the intent of this statute regarding an interisland deep water electrical transmission cable system.