

Report to the Thirtieth Legislature
2020 Regular Session

**GEOTHERMAL ROYALTIES DISPOSITIONS
AND
STATUS OF GEOTHERMAL AND CABLE SYSTEM DEVELOPMENT
FISCAL YEAR 2019**



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 2019

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AND
STATUS OF GEOTHERMAL AND CABLE SYSTEM DEVELOPMENT
FISCAL YEAR 2019**

This report is prepared pursuant to Sections 182-18 and 196D-11, Hawaii Revised Statutes (HRS), and covers the period from July 1, 2018 through June 30, 2019.

Section 182-18, HRS – Geothermal Royalties

During Fiscal Year (FY) 2019 a total of \$6,841.00 in geothermal royalties was received from Puna Geothermal Venture (PGV). In accordance with statutory provisions, \$2,052.30 (30%) was distributed to the County of Hawaii. Additionally, \$1,368.20 (20%) was distributed to the Office of Hawaiian Affairs. Geothermal royalties for FY 2019 were based on power production and sale of 102770 kWh_e to Hawaii Electric Light Company (HELCO) at an average production of 34.2 MW_e. The PGV Power Plant was shut down on May 4, 2018 due to the eruption along the Kilauea East Rift Zone. The royalties collected here represent the first 3 days of May when the Power Plant was producing at only slightly below normal megawatt output.

Issued Permit(s)

During FY 2019, PGV applied for and received three permits to modify (clean out) existing geothermal wells. The Power Plant remained shut down at the end of the fiscal year.

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

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 until May 2018, on average, annually provided for more than 25% of the Island's power demands.

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