

STATE OF HAWAII  
DEPARTMENT OF LAND AND NATURAL RESOURCES  
Engineering Division  
Honolulu, Hawaii

January 13, 2006

Board of Land and Natural Resources  
State of Hawaii  
Honolulu, Hawaii

**Approval of Amendment to the  
Plan of Operation for Puna Geothermal Venture,  
Geothermal Resources Mining Lease R-2, Kapoho, Puna, Hawaii**

As required by Geothermal Resources Mining Lease R-2 (GRML R-2) and Chapter 13-183, Hawaii Administrative Rules, Puna Geothermal Venture (PGV), sublessee, has submitted for Board of Land and Natural Resources approval a request for amendment to the Plan of Operation for the development of fourteen (14) additional geothermal wells for future expansion to 60 megawatts (MW) of power. The request encompasses the designation of fourteen (14) additional wells, well sites to accommodate the additional wells, and a potential site for additional power generating equipment.

PGV currently has approval in the Plan of Operation for 14 geothermal wells to supply the Hawaii Electric Light Company (HELCO) with up to 30 MW of power. It is the intent of PGV to provide HELCO with additional output to meet HELCO's needs up to 60 MW, which PGV is permitted under the County of Hawaii Geothermal Resource Permit. PGV is presently in negotiation with HELCO to provide an additional 8 MW of electricity by the end of 2007.

**RECOMMENDATION:**

That the Board of Land and Natural Resources approve the amendment to the Plan of Operation submitted by Puna Geothermal Venture for fourteen (14) additional geothermal wells and future expansion to 60 MW of power for the geothermal project on GRML R-2, subject to the following conditions:

1. That Puna Geothermal Venture comply with all applicable statutes, ordinances, rules and regulations of the Federal, State, and County governments.
2. Other terms and conditions as may be prescribed by the Chairperson.

Attachment

Respectfully submitted,



ERIC T. HIRANO  
Chief Engineer

APPROVED FOR SUBMITTAL:



PETER T. YOUNG, Chairperson

ITEM L-1