



December 16, 2019

The Honorable Eddie Bernice Johnson
Chairwoman
Committee on Science, Space and Technology
U.S. House of Representatives
2321 Rayburn House Office Building
Washington, DC 20515

The Honorable Frank Lucas
Ranking Member
Committee on Science, Space and Technology
U.S. House of Representatives
2321 Rayburn House Office Building
Washington, DC 20515

Dear Chairwoman Johnson and Ranking Member Lucas:

On behalf of ORMAT Technologies I am writing in support of H.R. 5374, the Advanced Geothermal Research and Development Act of 2019.

Ormat is a leading geothermal company headquartered in Reno, Nevada with more than five decades of experience in the development of state-of-the-art, environmentally-sound renewable energy power plants. Geothermal power is a clean, reliable energy resource that provides cost-effective, energy-efficient heating and cooling for residents and businesses. The potential for increased deployment of geothermal energy, and the resulting broad economic and environmental benefits, is considerable. According to the Department of Energy's 2019 GeoVision Report, geothermal electricity generation in the United States could increase more than 26-fold by 2050. H.R. 5374 will help achieve this increase by prioritizing early-stage research to improve exploration and reduce development costs. With nearly 600 employees in the U.S., we are also pleased that the bill supports the development of geothermal energy workforce by encouraging collaboration between university students and DOE national lab researchers.

Ormat has engineered, manufactured and constructed power plants, which it currently owns or has installed to utilities and developers worldwide, totaling over 2,900 MW of gross capacity. Ormat's current 917 MW generating portfolio is spread globally in the U.S., Kenya, Guatemala, Indonesia, Honduras, and Guadeloupe. We are experts in applying more technologies, including conventional steam, binary, combined cycle and integrated two-level unit technologies to harvest this abundant source

Ormat Technologies, Inc.

6140 Plumas Street, Reno, Nevada • +1-775-356-9029 • ormat@ormat.com

ormat.com



of energy from the earth. This bipartisan legislation builds upon the expertise and innovation of the U.S. geothermal industry and takes important steps towards unlocking this crucial renewable resource.

Thank you for your consideration.

Sincerely,

A handwritten signature in black ink that reads "Paul A. Thomsen". The signature is fluid and cursive, with a prominent initial "P" and a long, sweeping underline.

Paul Thomsen
Vice President of Business Development, Americas
Ormat Technologies, Inc.