



Research Funding Opportunity

Program Title	Enhanced Geothermal Systems Demonstrations
Solicitation/RFP Code	DE-PS36-09GO99019
Funding Organization(s)	DOE
Funding Amount(s)	Max. single award \$10 Million (4-6 years projects). 5-10 awards anticipated (50% cost share required)
Application Deadline(s)	14 May 2004

Program Summary

***** FFRDCs and DOE Nat'l Labs are not eligible as primary recipients*****

The objective of this announcement is to seek projects in a variety of geologic formations that will quantitatively demonstrate and validate stimulation techniques that successfully sustain sufficient fluid flow and heat extraction rates for five to seven years that produce up to 50 MWe per year per project site/geothermal reservoir.

DOE will also consider projects to further characterize, stimulate, and validate underutilized geothermal resources, particularly in urban and rural regions with high electricity costs such as Alaska, Hawaii, the eastern U.S., Indian Reservations, etc.

Awards made under this announcement will be cooperative agreements that will include well stimulation and data collection and analysis over three Phases. The projects funded under this announcement will add to the general EGS knowledge base and/or help accelerate technology improvements in order to fully commercialize unproductive or underproductive geothermal resources

Proposed projects should be completed in three distinct phases with go/no-go decision points during and after Phase I, after Phase II, and during Phase III, as appropriate. Phase descriptions are as follows:

1. Phase I - Pre-Stimulation
2. Phase II - Reservoir Creation and Characterization:
3. Phase III - Validation and Power Generation:

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Full solicitation: <https://e-center.doe.gov/iips/faopor.nsf/UNID/528FF32A5FE2358D8525756F0069DEC3?OpenDocument>