

HR 2304

Advanced Geothermal Energy Research and Development Act of 2007

Congress: 110 (2007–2009, Ended)

Chamber: House

Policy Area: Energy

Introduced: May 14, 2007

Current Status: Hearing Held by Subcommittee on Energy and Environment Prior to Introduction and Referral (May 17, 2

Latest Action: Hearing Held by Subcommittee on Energy and Environment Prior to Introduction and Referral (May 17, 2007). (May 6, 2008)

Official Text: <https://www.congress.gov/bill/110th-congress/house-bill/2304>

Sponsor

Name: Rep. McNerney, Jerry [D-CA-11]

Party: Democratic • State: CA • Chamber: House

Cosponsors (14 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Gordon, Bart [D-TN-6]	D · TN		May 14, 2007
Rep. Lampson, Nick [D-TX-22]	D · TX		May 14, 2007
Rep. Hall, John J. [D-NY-19]	D · NY		Jun 5, 2007
Rep. Honda, Michael M. [D-CA-15]	D · CA		Jun 5, 2007
Rep. Inslee, Jay [D-WA-1]	D · WA		Jun 5, 2007
Rep. Matsui, Doris O. [D-CA-5]	D · CA		Jun 6, 2007
Rep. Matheson, Jim [D-UT-2]	D · UT		Jun 11, 2007
Rep. Woolsey, Lynn C. [D-CA-6]	D · CA		Jun 11, 2007
Rep. Miller, Brad [D-NC-13]	D · NC		Jun 13, 2007
Rep. Berkley, Shelley [D-NV-1]	D · NV		Jun 15, 2007
Rep. Jackson-Lee, Sheila [D-TX-18]	D · TX		Jun 15, 2007
Rep. Marshall, Jim [D-GA-8]	D · GA		Jun 19, 2007
Rep. Schiff, Adam B. [D-CA-29]	D · CA		Jun 19, 2007
Rep. Walden, Greg [R-OR-2]	R · OR		Jun 21, 2007

Committee Activity

Committee	Chamber	Activity	Date
Science, Space, and Technology Committee	House	Hearings By (subcommittee)	May 6, 2008

Subjects & Policy Tags

Policy Area:

Energy

Related Bills

Bill	Relationship	Last Action
110 HR 3221	Related bill	Jul 30, 2008: Became Public Law No: 110-289.

Summary (as of Jun 21, 2007)

Advanced Geothermal Energy Research and Development Act of 2007 - (Sec. 4) Instructs the Secretary of Energy to support research, development, demonstration, and commercial application programs to expand geothermal energy production from hydrothermal systems.

Specifies programs to: (1) develop advanced geophysical, geochemical, and geologic tools to assist in locating hidden hydrothermal resources and increase the reliability of site characterization; and (2) demonstrate technologies and techniques of exploratory drilling for undiscovered resources in a variety of geologic settings.

(Sec. 5) Directs the Secretary to support research, development, demonstration, and commercial application of subsurface components and systems capable of withstanding extreme geothermal environments and necessary to develop, produce, and monitor geothermal reservoirs and produce geothermal energy.

Directs the Secretary also to support such programs to: (1) create models of geothermal reservoir performance; and (2) mitigate or preclude potential adverse environmental impacts of geothermal energy development, production, or use.

(Sec. 6) Directs the Secretary to support research, development, demonstration, and commercial application programs for: (1) enhanced geothermal systems; (2) enhanced geothermal systems reservoir stimulation technologies and techniques; and (3) geothermal energy production from oil and gas fields and production and recovery of energy from geopressured resources.

(Sec. 8) Sets forth federal cost share, organization, and administration requirements for projects under this Act. Requires the Secretary to allow a competitive bidding process to play a role in determining the final cost-share ratio.

(Sec. 9) Instructs the Secretary to award grants for five-year periods to institutions of higher education (or consortia of them) for establishment of two Centers for Geothermal Technology Transfer, including a Hydrothermal Center and an Enhanced Geothermal Systems Center, to serve as information clearinghouses.

(Sec. 10) Requires the Secretary to expand the Department of Energy's GeoPowering the West program, renamed "GeoPowering America," to extend its geothermal technology transfer activities throughout the entire United States. Continues to base the program in the Department of Energy office in Golden, Colorado.

(Sec. 11) Directs the Secretary to study and report to specified congressional committees on: (1) advanced technologies to maximize geothermal resources; (2) progress of projects under this Act; and (3) legal and regulatory barriers to such projects.

(Sec. 13) Authorizes appropriations for FY2008-FY2012.

Actions Timeline

- **May 6, 2008:** Hearing Held by Subcommittee on Energy and Environment Prior to Introduction and Referral (May 17, 2007).
- **Jun 21, 2007:** Reported (Amended) by the Committee on Science and Technology. H. Rept. 110-203.
- **Jun 21, 2007:** Placed on the Union Calendar, Calendar No. 122.
- **Jun 13, 2007:** Committee Consideration and Mark-up Session Held.
- **Jun 13, 2007:** Ordered to be Reported (Amended).
- **Jun 6, 2007:** Subcommittee Consideration and Mark-up Session Held.
- **Jun 6, 2007:** Forwarded by Subcommittee to Full Committee (Amended) by Voice Vote .
- **May 31, 2007:** Referred to the Subcommittee on Energy and Environment.
- **May 14, 2007:** Introduced in House
- **May 14, 2007:** Referred to the House Committee on Science and Technology.