

(Pub. L. 110-140, title VI, §616, Dec. 19, 2007, 121 Stat. 1681.)

**§ 17196. Cost sharing and proposal evaluation**

**(a) Federal share**

The Federal share of costs of projects funded under this part shall be in accordance with section 16352 of this title.

**(b) Organization and administration of programs**

Programs under this part shall incorporate the following elements:

(1) The Secretary shall coordinate with, and where appropriate may provide funds in furtherance of the purposes of this part to, other Department of Energy research and development programs focused on drilling, subsurface characterization, and other related technologies.

(2) In evaluating proposals, the Secretary shall give priority to proposals that demonstrate clear evidence of employing a systems approach.

(3) The Secretary shall coordinate and consult with the appropriate Federal land management agencies in selecting proposals for funding under this part.

(4) Nothing in this part shall be construed to alter or affect any law relating to the management or protection of Federal lands.

(Pub. L. 110-140, title VI, §617, Dec. 19, 2007, 121 Stat. 1682.)

**§ 17197. Center for Geothermal Technology Transfer**

**(a) In general**

The Secretary shall award to an institution of higher education (or consortium thereof) a grant to establish a Center for Geothermal Technology Transfer (referred to in this section as the “Center”).

**(b) Duties**

The Center shall—

(1) serve as an information clearinghouse for the geothermal industry by collecting and disseminating information on best practices in all areas relating to developing and utilizing geothermal resources;

(2) make data collected by the Center available to the public; and

(3) seek opportunities to coordinate efforts and share information with domestic and international partners engaged in research and development of geothermal systems and related technology.

**(c) Selection criteria**

In awarding the grant under subsection (a) the Secretary shall select an institution of higher education (or consortium thereof) best suited to provide national leadership on geothermal related issues and perform the duties enumerated under subsection (b).

**(d) Duration of grant**

A grant made under subsection (a)—

(1) shall be for an initial period of 5 years; and

(2) may be renewed for additional 5-year periods on the basis of—

(A) satisfactory performance in meeting the duties outlined in subsection (b); and

(B) any other requirements specified by the Secretary.

(Pub. L. 110-140, title VI, §618, Dec. 19, 2007, 121 Stat. 1683.)

**§ 17198. GeoPowering America**

The Secretary shall expand the Department of Energy’s GeoPowering the West program to extend its geothermal technology transfer activities throughout the entire United States. The program shall be renamed “GeoPowering America”. The program shall continue to be based in the Department of Energy office in Golden, Colorado.

(Pub. L. 110-140, title VI, §619, Dec. 19, 2007, 121 Stat. 1683.)

**§ 17199. Educational pilot program**

The Secretary shall seek to award grant funding, on a competitive basis, to an institution of higher education for a geothermal-powered energy generation facility on the institution’s campus. The purpose of the facility shall be to provide electricity and space heating. The facility shall also serve as an educational resource to students in relevant fields of study, and the data generated by the facility shall be available to students and the general public. The total funding award shall not exceed \$2,000,000.

(Pub. L. 110-140, title VI, §620, Dec. 19, 2007, 121 Stat. 1683.)

**§ 17200. Reports**

**(a) Reports on advanced uses of geothermal energy**

Not later than 3 years and 5 years after December 19, 2007, the Secretary shall report to the Committee on Science and Technology of the House of Representatives and the Committee on Energy and Natural Resources of the Senate on advanced concepts and technologies to maximize the geothermal resource potential of the United States. The reports shall include—

(1) the use of carbon dioxide as an alternative geofluid with potential carbon sequestration benefits;

(2) mineral recovery from geofluids;

(3) use of geothermal energy to produce hydrogen;

(4) use of geothermal energy to produce biofuels;

(5) use of geothermal heat for oil recovery from oil shales and tar sands; and

(6) other advanced geothermal technologies, including advanced drilling technologies and advanced power conversion technologies.

**(b) Progress reports**

(1) Not later than 36 months after December 19, 2007, the Secretary shall submit to the Committee on Science and Technology of the House of Representatives and the Committee on Energy and Natural Resources of the Senate an interim report describing the progress made under this part. At the end of 60 months, the Secretary shall submit to Congress a report on the results of projects undertaken under this part and other