

(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

such information the Secretary considers appropriate.

(2) As necessary, the Secretary shall report to the Congress on any legal, regulatory, or other barriers encountered that hinder economic development of these resources, and provide recommendations on legislative or other actions needed to address such impediments.

(Pub. L. 110-140, title VI, §621, Dec. 19, 2007, 121 Stat. 1684.)

#### CHANGE OF NAME

Committee on Science and Technology of House of Representatives changed to Committee on Science, Space, and Technology of House of Representatives by House Resolution No. 5, One Hundred Twelfth Congress, Jan. 5, 2011.

#### § 17201. Applicability of other laws

Nothing in this part shall be construed as waiving, modifying, or superseding the applicability of any requirement under any environmental or other Federal or State law. To the extent that activities authorized in this part take place in coastal and ocean areas, the Secretary shall consult with the Secretary of Commerce, acting through the Under Secretary of Commerce for Oceans and Atmosphere, regarding the potential marine environmental impacts and measures to address such impacts.

(Pub. L. 110-140, title VI, §622, Dec. 19, 2007, 121 Stat. 1684.)

#### § 17202. Authorization of appropriations

There are authorized to be appropriated to the Secretary to carry out this part \$90,000,000 for each of the fiscal years 2008 through 2012, of which \$10,000,000 for each fiscal year shall be for carrying out section 17195 of this title. There are also authorized to be appropriated to the Secretary for the Intermountain West Geothermal Consortium \$5,000,000 for each of the fiscal years 2008 through 2012.

(Pub. L. 110-140, title VI, §623, Dec. 19, 2007, 121 Stat. 1684.)

#### § 17203. International geothermal energy development

##### (a) In general

The Secretary of Energy, in coordination with other appropriate Federal and multilateral agencies (including the United States Agency for International Development) shall support international collaborative efforts to promote the research, development, and deployment of geothermal technologies used to develop hydrothermal and enhanced geothermal system resources, including as partners (as appropriate) the African Rift Geothermal Development Facility, Australia, China, France, the Republic of Iceland, India, Japan, and the United Kingdom.

##### (b) United States Trade and Development Agency

The Director of the United States Trade and Development Agency may—

- (1) encourage participation by United States firms in actions taken to carry out subsection (a); and