

Union Calendar No. 518

110TH CONGRESS
2^D SESSION

H. R. 2339

[Report No. 110-801]

To encourage research, development, and demonstration of technologies to facilitate the utilization of water produced in connection with the development of domestic energy resources, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

MAY 16, 2007

Mr. HALL of Texas introduced the following bill; which was referred to the Committee on Science and Technology

JULY 30, 2008

Reported with an amendment, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed

[Strike out all after the enacting clause and insert the part printed in italics]

[For text of introduced bill, see copy of bill as introduced on May 16, 2007]

A BILL

To encourage research, development, and demonstration of technologies to facilitate the utilization of water produced in connection with the development of domestic energy resources, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

1 **SECTION 1. SHORT TITLE.**

2 *This Act may be cited as the “Produced Water Utiliza-*
3 *tion Act of 2008”.*

4 **SEC. 2. DEFINITIONS.**

5 *In this Act:*

6 (1) *PRODUCED WATER.*—*The term “produced*
7 *water” means water from an underground source that*
8 *is brought to the surface as part of the process of ex-*
9 *ploration for or development of coalbed methane, oil,*
10 *natural gas, or any other substance to be used as an*
11 *energy source.*

12 (2) *SECRETARY.*—*The term “Secretary” means*
13 *the Secretary of Energy.*

14 **SEC. 3. PURPOSES.**

15 (a) *IN GENERAL.*—*The Secretary shall carry out*
16 *under this Act a program of research, development, and*
17 *demonstration of technologies for environmentally sustain-*
18 *able utilization of produced water for agricultural,*
19 *irrigational, municipal, and industrial uses, or other envi-*
20 *ronmentally sustainable purposes. The program shall be de-*
21 *signed to maximize the utilization of produced water in the*
22 *United States by increasing the quality of produced water*
23 *and reducing the environmental impacts of produced water.*

24 (b) *PROGRAM ELEMENTS.*—*The program under this*
25 *Act shall address the following areas, including improving*

1 *safety and minimizing environmental impacts of activities*
2 *within each area:*

3 (1) *Produced water recovery, including research*
4 *for desalination and demineralization to reduce total*
5 *dissolved solids in the produced water.*

6 (2) *Produced water utilization for agricultural,*
7 *irrigational, municipal, and industrial uses, or other*
8 *environmentally sustainable purposes.*

9 (3) *Re-injection of produced water into sub-*
10 *surface geological formations to increase energy pro-*
11 *duction.*

12 (c) *PROGRAM ADMINISTRATION.—To carry out the*
13 *purposes under this Act, the Secretary may enter into an*
14 *agreement with a consortium whose members have collec-*
15 *tively demonstrated capabilities and experience in planning*
16 *and managing research, development, demonstration, and*
17 *commercial application programs for unconventional nat-*
18 *ural gas and other petroleum production and produced*
19 *water utilization.*

20 (d) *ACTIVITIES AT THE NATIONAL LABORATORIES.—*
21 *The Secretary, through the appropriate National Labora-*
22 *tory, shall carry out a program of research, development,*
23 *and demonstration activities complementary to and sup-*
24 *portive of the research, development, and demonstration*
25 *programs under subsection (b).*

1 **SEC. 4. CONSULTATION AND COORDINATION.**

2 (a) *CONSULTATION.*—*In carrying out this Act, the Sec-*
3 *retary shall consult with the Secretary of the Interior and*
4 *the Administrator of the Environmental Protection Agency.*

5 (b) *COORDINATION.*—*To the maximum extent prac-*
6 *ticable, the Secretary shall ensure that the activities under*
7 *this Act are coordinated with, and do not duplicate the ef-*
8 *forts of, programs at the Department of Energy and other*
9 *government agencies.*

10 **SEC. 5. FUNDING.**

11 (a) *ALLOCATION.*—*Amounts appropriated for this Act*
12 *for each fiscal year shall be allocated as follows:*

13 (1) *75 percent shall be for activities under sec-*
14 *tion 3(a), (b), and (c).*

15 (2) *25 percent shall be for activities under sec-*
16 *tion 3(d) and other activities under section 3, includ-*
17 *ing administrative functions such as program direc-*
18 *tion, overall program oversight, and contract manage-*
19 *ment.*

20 (b) *AUTHORIZATION OF APPROPRIATIONS.*—*There are*
21 *authorized to be appropriated to carry out this Act*
22 *\$20,000,000 for each of fiscal years 2009 through 2013.*

Union Calendar No. 518

110TH CONGRESS
2^D SESSION

H. R. 2339

[Report No. 110-801]

A BILL

To encourage research, development, and demonstration of technologies to facilitate the utilization of water produced in connection with the development of domestic energy resources, and for other purposes.

JULY 30, 2008

Reported with an amendment, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed