

AMENDMENT NO. \_\_\_\_\_ Calendar No. \_\_\_\_\_

Purpose: In the nature of a substitute.

**IN THE SENATE OF THE UNITED STATES—113th Cong., 2d Sess.**

**S. 1971**

To establish an interagency coordination committee or subcommittee with the leadership of the Department of Energy and the Department of the Interior, focused on the nexus between energy and water production, use, and efficiency, and for other purposes..

Referred to the Committee on \_\_\_\_\_ and  
ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT IN THE NATURE OF A SUBSTITUTE intended  
to be proposed by \_\_\_\_\_

Viz:

1 Strike all after the enacting clause and insert the fol-  
2 lowing:

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Nexus of Energy and  
5 Water for Sustainability Act of 2014” or the “NEWS Act  
6 of 2014”.

7 **SEC. 2. DEFINITIONS.**

8 In this Act:

9 (1) COMMITTEE OR SUBCOMMITTEE.—The term  
10 “Committee or Subcommittee” means the Com-

1        mittee on the Nexus of Energy and Water for Sus-  
2        tainability (or the “NEWS Committee”) or the Sub-  
3        committee on the Nexus of Energy and Water for  
4        Sustainability (or the “NEWS Subcommittee”),  
5        whichever is established by section 3(a).

6            (2) DIRECTOR.—The term “Director” means  
7        the Director of the Office of Science and Technology  
8        Policy.

9            (3) ENERGY-WATER NEXUS.—The term “en-  
10        energy-water nexus” means the links between—

11            (A) the water needed to produce fuels,  
12        electricity, and other forms of energy; and

13            (B) the energy needed to transport, re-  
14        claim, and treat water and wastewater.

15            (4) GRAND CHALLENGES.—The term “Grand  
16        Challenges” means the 21st Century Grand Chal-  
17        lenges program coordinated by the Office of Science  
18        and Technology Policy.

19            (5) NSTC.—The term “NSTC” means the Na-  
20        tional Science and Technology Council.

21            (6) RD&D ACTIVITIES.—The term “RD&D ac-  
22        tivities” means research, development, and dem-  
23        onstration activities.

1 **SEC. 3. INTERAGENCY COORDINATION COMMITTEE.**

2 (a) ESTABLISHMENT.—The Director shall establish  
3 either a committee or a subcommittee under the NSTC,  
4 to be known as either the Committee on the Nexus of En-  
5 ergy and Water for Sustainability (or the “NEWS Com-  
6 mittee”) or the Subcommittee on the Nexus of Energy and  
7 Water for Sustainability (or the “NEWS Subcommittee”),  
8 to carry out the duties described in subsection (c).

9 (b) ADMINISTRATION.—

10 (1) CHAIRS.—The Secretary of Energy and  
11 Secretary of the Interior shall serve as co-chairs of  
12 the Committee or Subcommittee.

13 (2) MEMBERSHIP; STAFFING.—Membership and  
14 staffing shall be determined by the NSTC.

15 (c) DUTIES.—The Committee or Subcommittee  
16 shall—

17 (1) serve as a forum for developing common  
18 Federal goals and plans on energy-water nexus  
19 RD&D activities;

20 (2) not later than 1 year after the date of en-  
21 actment of this Act, and biannually thereafter, issue  
22 a strategic plan on energy-water nexus RD&D activi-  
23 ties priorities and objectives;

24 (3) promote coordination of the activities of  
25 Federal departments and agencies on energy-water  
26 nexus RD&D activities, including the activities of—

- 1 (A) the Department of Energy;
- 2 (B) the Department of the Interior;
- 3 (C) the Corps of Engineers;
- 4 (D) the Department of Agriculture;
- 5 (E) the Department of Defense;
- 6 (F) the Department of State;
- 7 (G) the Environmental Protection Agency;
- 8 (H) the Council on Environmental Quality;
- 9 (I) the National Institute of Standards and
- 10 Technology;
- 11 (J) the National Oceanic and Atmospheric
- 12 Administration;
- 13 (K) the National Science Foundation;
- 14 (L) the Office of Management and Budget;
- 15 (M) the Office of Science and Technology
- 16 Policy; and
- 17 (N) such other Federal departments and
- 18 agencies as the Director or the Committee or
- 19 Subcommittee consider appropriate; and
- 20 (4)(A) coordinate and develop capabilities and
- 21 methodologies for data collection, management, and
- 22 dissemination of information related to energy-water
- 23 nexus RD&D activities from and to other Federal
- 24 departments and agencies ; and

1 (B) promote information exchange between  
2 Federal departments and agencies—

3 (i) to identify and document Federal and  
4 non-Federal programs and funding opportuni-  
5 ties that support basic and applied research, de-  
6 velopment, and demonstration proposals to ad-  
7 vance energy-water nexus related science and  
8 technologies;

9 (ii) if practicable, to leverage existing pro-  
10 grams by encouraging joint solicitations, block  
11 grants, and matching programs with non-Fed-  
12 eral entities; and

13 (iii) to identify opportunities for domestic  
14 and international public-private partnerships,  
15 innovative financing mechanisms, information  
16 and data exchange, and Grand Challenges.

17 (d) REVIEW; REPORT.—At the end of the 10-year pe-  
18 riod beginning on the date on which the Committee or  
19 Subcommittee is established, the Director—

20 (1) shall review the activities, relevance, and ef-  
21 fectiveness of the Committee or Subcommittee; and

22 (2) submit to the Committee on Energy and  
23 Natural Resources of the Senate and the Commit-  
24 tees on Science, Space, and Technology, Energy and  
25 Commerce, and Natural Resources of the House of

1 Representatives, a report describing the results of  
2 the review conducted under paragraph (1) and a rec-  
3 ommendation on whether the Committee or Sub-  
4 committee should continue.

5 **SEC. 4. CROSSCUT BUDGET.**

6 Not later than 30 days after the President submits  
7 the budget of the United States Government under section  
8 1105 of title 31, United States Code, the Director of the  
9 Office of Management and Budget shall submit to the  
10 Committee on Energy and Natural Resources of the Sen-  
11 ate and the Committees on Science, Space, and Tech-  
12 nology, Energy and Commerce, and Natural Resources of  
13 the House of Representatives, an interagency budget  
14 crosscut report that displays at the program-, project-,  
15 and activity-level for each of the Federal agencies that  
16 carry out or support (including through grants, contracts,  
17 interagency and intraagency transfers, multiyear and no-  
18 year funds) basic and applied RD&D activities to advance  
19 the energy-water nexus related science and technologies—

20 (1) the budget proposed in the budget request  
21 of the President for the upcoming fiscal year;

22 (2) expenditures and obligations for the prior  
23 fiscal year; and

24 (3) estimated expenditures and obligations for  
25 the current fiscal year.