

**AMENDMENT TO RULES COMMITTEE PRINT**

**116-63**

**OFFERED BY MR. LAMB OF PENNSYLVANIA**

Page 4, after the item relating to section 2562, insert the following:

Sec. 2563. Produced water research and development program.

Sec. 2564. Produced water demonstration program.

Page 299, after line 8, insert the following:

1 **SEC. 2563. PRODUCED WATER RESEARCH AND DEVELOP-**  
2 **MENT PROGRAM.**

3 (a) ESTABLISHMENT.—As soon as possible after the  
4 date of enactment of this Act, the Secretary of Energy  
5 shall establish a research and development program on  
6 produced water to develop—

7 (1) new technologies and practices to reduce the  
8 environmental impact; and

9 (2) opportunities for reprocessing of produced  
10 water at natural gas or oil development sites.

11 (b) PRIORITIZATION.—The Secretary shall give pri-  
12 ority to projects that develop and bring to market—

13 (1) effective systems for on-site management or  
14 repurposing of produced water; and

1           (2) new technologies or approaches to reduce  
2           the environmental impact of produced water on local  
3           water sources and the environment.

4           (c) CONDUCT OF PROGRAM.—In carrying out the  
5           program described in subsection (a), the Secretary shall  
6           carry out science-based research and development activi-  
7           ties to pursue—

8           (1) improved efficiency, technologies, and tech-  
9           niques for produced water recycling stations; and

10          (2) B. alternative approaches to treating,  
11          reusing, storing, or decontaminating produced water.

12          (d) AUTHORIZATION OF APPROPRIATIONS.—There  
13          are authorized to be appropriated for purposes of this sec-  
14          tion \$10,000,000 for each of fiscal years 2020 through  
15          2025.

16 **SEC. 2564. PRODUCED WATER DEMONSTRATION PROGRAM.**

17          (a) ESTABLISHMENT.—The Secretary of Energy  
18          shall establish a demonstration program for on-site treat-  
19          ment of produced water.

20          (b) REQUIREMENTS.—In developing the demonstra-  
21          tion program under this section, the Secretary shall con-  
22          sult with the heads of other relevant Federal departments  
23          and agencies, including the Department of the Interior  
24          and the Environmental Protection Agency.

1 (c) PRIORITIZATION.—In carrying out this section,  
2 the Secretary should prioritize—

3 (1) first-of-a-kind or new approaches to treating  
4 produced water stationed on site; and

5 (2) technologies that can be used at natural gas  
6 or oil development sites to reduce other environ-  
7 mental harm either through emissions or other envi-  
8 ronmental impact.

9 (d) AUTHORIZATION OF APPROPRIATIONS.—There  
10 are authorized to be appropriated for purposes of this sec-  
11 tion \$10,000,000 for each of fiscal years 2020 through  
12 2025.

