

AMENDMENT TO H.R. 4230
OFFERED BY Mr . Casten

Page 3, after line 21, insert the following new paragraph:

1 “(6) CRITICAL MATERIAL OR MINERAL.—The
2 term ‘critical material or mineral’ means a material
3 or mineral that serves an essential function in the
4 manufacturing of a product and has a high risk of
5 a supply disruption, such that a shortage of such a
6 material or mineral would have significant con-
7 sequences for United States economic or national se-
8 curity.”.

Page 4, lines 5 through 9, strike “industrial emissions reduction technology development program of research, development, demonstration, and commercial application to further the development and commercialization of innovative technologies that—” and insert “research, development, and demonstration program to further the development and commercial application of innovative industrial emissions reduction technologies that—”.

Page 4, line 16, after “shall” insert “, to the maximum extent practicable”.

Page 5, line 8, after “on” insert “, to the maximum extent practicable,”.

Page 5, line 14, after “cement,” insert “concrete,”.

Page 7, strike line 13.

Page 7, line 14, strike “(B)” and insert “(A)”.

Page 7, line 16, strike “(C)” and insert “(B)”.

Page 8, line 6, strike “of the design of” and insert “to design”.

Page 8, line 14, strike “and”.

Page 8, line 18, strike the period and insert “; and”.

Page 8, after line 18, insert the following new paragraph:

1 “(9) other research or technology areas identi-
2 fied in the Emissions Reduction Roadmap author-
3 ized in section 455.”.

Page 9, strike lines 12–16.

Page 9, line 17, strike “(5)” and insert “(4)”.

Strike page 9, line 21 through page 10, line 4 and insert the following:

1 “(e) AUTHORIZATION OF APPROPRIATIONS.—There
2 are authorized to be appropriated to the Secretary to carry
3 out the demonstration projects authorized in subsection
4 (d)(3)—

5 “(1) \$20,000,000 for fiscal year 2020;

6 “(2) \$80,000,000 for fiscal year 2021;

7 “(3) \$100,000,000 for fiscal year 2022;

8 “(4) \$150,000,000 for fiscal year 2023; and

9 “(5) \$150,000,000 for fiscal year 2024.”.

Page 10, after line 4, insert the following:

10 “(f) COORDINATION.—The Secretary shall carry out
11 the activities authorized in this section in accordance with
12 section 203 of the Department of Energy Research and
13 Innovation Act (42 U.S.C. 18631).”.

Page 11, line 12, strike “14” and insert “15”.

Page 12, line 6, strike “and”.

Page 12, after line 6, insert the following:

14 “(F) not less than 1 representative of a
15 State government; and”.

Page 12, line 7, strike “(F)” and insert “(G)”.

Page 13, line 1, after “sector” insert “or other Federal agencies”.

Page 13, line 20, strike “achieve the goals of the program in” and insert “set forth a plan for achieving the goals of the program established in section 454(b)(1), including for”.

Page 14, after line 4, insert the following new clause:

1 “(ii) leverage existing roadmaps rel-
2 evant to the program in section 454(b)(1)
3 and the focus areas in section 454(c);”.

Page 14, line 5, strike “(ii)” and insert “(iii)”.

Page 14, line 8, strike “(iii)” and insert “(iv)”.

Page 14, line 11, strike “(iv)” and insert “(v)”.

Page 15, strike lines 15 through 17 and insert the following:

4 “(C) a review of the management, tech-
5 nology screening, coordination, and industry
6 utility of the program;”.

Page 15, line 19, strike “research and development” and insert “research, development, and demonstration activities”.

Page 16, strike lines 7 through 8.

Page 16, line 9, strike “(J)” and insert “(I)”.

Page 16, line 14, strike “(K)” and insert “(J)”.

Page 16, line 22, strike “, the Committee on Energy and Natural Resources of the Senate, and any other relevant Committee of Congress.” and insert “and the Committee on Energy and Natural Resources of the Senate.”.

Page 18, line 4, strike “and”.

Page 18, line 5, strike the period and insert “; and”.

Page 18, after line 5, insert the following new subparagraph:

1 “(H) a trade association or technical soci-
2 ety.”.

Page 18, line 15, strike “180 days” and insert “one year”.

Page 18, line 19, strike “in nonpower industrial sectors.” and insert “developed through the program established in section 454(b).”

Strike page 18, line 22 through page 19, line 2.

Page 19, line 3, strike “(2)” and insert “(1)”.

Page 19, line 7, strike “(3)” and insert “(2)”.

Strike page 19, line 23 through page 20, line 2.

