

AMENDMENT TO H.R. 1933
OFFERED BY MR. UDALL OF COLORADO

Page 2, line 17, strike “ENERGY” and insert “ENGINEERING”.

Page 3, lines 2 and 3, strike “convert carbon dioxide into products that lead to” and insert “to learn how to use carbon dioxide in products to lead to an”.

Page 3, line 15, strike “improved” and insert “advanced”.

Page 4, line 2, strike “improved” and insert “advanced”.

Page 6, lines 10 and 11, strike “LARGE-SCALE SEQUESTRATION TESTING AND DEPLOYMENT” and insert “LARGE-SCALE CARBON DIOXIDE SEQUESTRATION TESTING”.

Page 7, lines 3 through 21, amend subparagraph (C) to read as follows:

1 “(C) SOURCE OF CARBON DIOXIDE FOR
2 LARGE-SCALE SEQUESTRATION DEMONSTRA-
3 TIONS.—In the process of any acquisition of
4 carbon dioxide for sequestration demonstrations

1 under subparagraph (A), the Secretary shall
2 give preference to purchases of carbon dioxide
3 from industrial and coal-fired electric genera-
4 tion facilities. To the extent feasible, the Sec-
5 retary shall prefer test projects from industrial
6 and coal-fired electric generation facilities that
7 would facilitate the creation of an integrated
8 system of capture, transportation and storage
9 of carbon dioxide. Until coal-fired electric gen-
10 eration facilities, either new or existing, are op-
11 erating with carbon dioxide capture tech-
12 nologies, other industrial sources of carbon di-
13 oxide should be pursued under this paragraph.
14 The preference provided for under this subpara-
15 graph shall not delay the implementation of the
16 large-scale sequestration tests under this para-
17 graph.”.

Page 8, lines 10 and 11, strike “, including, precombustion capture, post-combustion capture, and oxycombustion,” and insert “, that include each of the technologies described in subparagraph (B),”.

Page 8, line 22, insert “To ensure reduced carbon dioxide emissions, the Secretary shall take necessary actions to provide for the integration of the program under this paragraph with the long-term carbon dioxide seques-

tration demonstrations described in paragraph (3). These actions should not delay implementation of the large-scale sequestration tests authorized in paragraph (3).” after “continue sequestration.”

Page 8, line 23, redesignate subparagraph (B) as subparagraph (C).

Page 8, before line 23, insert the following new subparagraph:

1 “(B) TECHNOLOGIES.—The technologies
2 referred to in subparagraph (A) are
3 precombustion capture, post-combustion cap-
4 ture, and oxycombustion.”

Page 9, line 19, strike “subsection (c)(4)” and insert “subsection (c)(3) and (4)”.

Page 9, lines 20 through 24, strike “\$240,000,000” each place it appears and insert “\$100,000,000”.

Page 10, line 1, redesignate paragraph (2) as paragraph (3).

Page 10, before line 1, insert the following new paragraph:

1 “(2) SEQUESTRATION.—There are authorized
2 to be appropriated to the Secretary for carrying out
3 subsection (c)(3)—

4 “(A) \$140,000,000 for fiscal year 2008;

5 “(B) \$140,000,000 for fiscal year 2009;

6 “(C) \$140,000,000 for fiscal year 2010;

7 and

8 “(D) \$140,000,000 for fiscal year 2011.

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Page 4, line 22, strike “and”.

Page 4, line 24, strike the period and insert “; and”.

Page 4, after line 24, insert the following new
clause:

1 “(vii) high altitude terrain oil and gas
2 fields.

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At the end of the bill, insert the following new section:

1 **SEC. 6. UNIVERSITY BASED RESEARCH AND DEVELOPMENT**
2 **GRANT PROGRAM.**

3 (a) ESTABLISHMENT.—The Secretary of Energy, in
4 consultation with other appropriate agencies, shall estab-
5 lish a university based research and development program
6 to study carbon capture and sequestration using the var-
7 ious types of coal.

8 (b) GRANTS.—Under this section, the Secretary shall
9 award 5 grants for projects submitted by colleges or uni-
10 versities to study carbon capture and sequestration in con-
11 junction with the recovery of oil and other enhanced ele-
12 mental and mineral recovery. Consideration shall be given
13 to areas that have regional sources of coal for the study
14 of carbon capture and sequestration.

15 (c) RURAL AND AGRICULTURAL INSTITUTIONS.—The
16 Secretary shall designate that at least 2 of these grants
17 shall be awarded to rural or agricultural based institutions
18 that offer interdisciplinary programs in the area of envi-
19 ronmental science to study carbon capture and sequestra-

1 tion in conjunction with the recovery of oil and other en-
2 hanced elemental and mineral recovery.

3 (d) AUTHORIZATION OF APPROPRIATIONS.—There
4 are to be authorized to be appropriated \$10,000,000 to
5 carry out this section.

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OFFERED BY MS. EDDIE BERNICE JOHNSON OF
TEXAS

Page 8, lines 13 through 15, strike “including” and all that follows through “fossil fuels,” and insert “at least 2 of which are facilities that generate electric energy from fossil fuels. Candidate facilities for other demonstrations under this paragraph shall include facilities that”.