

Revised # 81

AMENDMENT TO H.R. 2410, AS REPORTED

OFFERED BY Mr. Teague, Ms. Titus, Ms. Giffords

At the end of subtitle A of title XI, insert the following:

1 **SEC. 11 ____ . GLOBAL CLEAN ENERGY EXCHANGE PROGRAM.**

2 (a) **PROGRAM ESTABLISHMENT.**—The Secretary of
3 State is authorized to establish a program to strengthen
4 research, educational exchange, and international coopera-
5 tion with the aim of promoting the development and de-
6 ployment of clean and efficient energy technologies in
7 order to reduce global greenhouse gas emissions, address
8 issues of energy poverty in developing countries, and ex-
9 tend the reach of United States technologies and ingenuity
10 that would be beneficial to developing countries. The pro-
11 gram authorized under this subsection shall be carried out
12 pursuant to the authorities of the Mutual Educational and
13 Cultural Exchange Act of 1961 (22 U.S.C. 2451 et seq.)
14 and may be referred to as the “Global Clean Energy Ex-
15 change Program”.

16 (b) **DEFINITIONS.**—In this section:

17 (1) **CLEAN AND EFFICIENT ENERGY TECH-**
18 **NOLOGY.**—The term “clean and efficient energy

1 technology” means an energy supply or end-use
2 technology—

3 (A) such as—

4 (i) solar technology;

5 (ii) wind technology;

6 (iii) geothermal technology;

7 (iv) hydroelectric technology

8 (v) alternative fuels; and

9 (vi) carbon capture technology; and

10 (B) that, over its life cycle and compared
11 to a similar technology already in commercial
12 use—

13 (i) is reliable, affordable, economically
14 viable, socially acceptable, and compatible
15 with the needs and norms of the country
16 involved;

17 (ii) results in—

18 (I) reduced emissions of green-
19 house gases; or

20 (II) increased geological seques-
21 tration; and

22 (iii) may—

23 (I) substantially lower emissions
24 of air pollutants; or

1 (II) generate substantially small-
2 er or less hazardous quantities of solid
3 or liquid waste.

4 (2) GEOLOGICAL SEQUESTRATION.—The term
5 “geological sequestration” means the capture and
6 long-term storage in a geological formation of a
7 greenhouse gas from an energy producing facility,
8 which prevents the release of greenhouse gases into
9 the atmosphere.

10 (3) GREENHOUSE GAS.—The term “greenhouse
11 gas” means—

- 12 (A) carbon dioxide;
- 13 (B) methane;
- 14 (C) nitrous oxide;
- 15 (D) hydrofluorocarbons;
- 16 (E) perfluorocarbons;
- 17 (F) sulfur hexafluoride; or
- 18 (G) nitrogen trifluoride.

19 (c) ELEMENTS.—The program authorized under sub-
20 section (a) shall contain the following elements:

21 (1) The financing of studies, research, instruc-
22 tion, and other educational activities dedicated to de-
23 veloping clean and efficient energy technologies—

24 (A) by or to United States citizens and na-
25 tionals in foreign universities, governments, or-

1 organizations, companies, or other institutions,
2 and

3 (B) by or to citizens and nationals of for-
4 eign countries in United States universities,
5 governments, organizations, companies, or other
6 institutions.

7 (2) The financing of visits and exchanges be-
8 tween the United States and other countries of stu-
9 dents, trainees, teachers, instructors, professors, re-
10 searchers, entrepreneurs, and other persons who
11 study, teach, and conduct research in subjects such
12 as the physical sciences, environmental science, pub-
13 lic policy, economics, urban planning, and other sub-
14 jects and focus on developing and commercially de-
15 ploying clean and efficient energy technologies.

16 (d) ACCESS.—The Secretary of State shall ensure
17 that the program authorized under subsection (a) is avail-
18 able to—

19 (1) historically Black colleges and universities
20 that are part B institutions (as such term is defined
21 in section 322(2) of the Higher Education Act of
22 1965 (20 U.S.C. 1061(2))), Hispanic-serving institu-
23 tions (as such term is defined in section 502(5) of
24 such Act (20 U.S.C. 1101a(5))), Tribal Colleges or
25 Universities (as such term is defined in section 316

1 of such Act (20 U.S.C. 1059c)), and other minority
2 institutions (as such term is defined in section
3 365(3) of such Act (20 U.S.C. 1067k(3))), and to
4 the students, faculty, and researchers at such col-
5 leges, universities, and institutions; and
6 (2) small business concerns owned and con-
7 trolled by socially and economically disadvantaged
8 individuals, small business concerns owned and con-
9 trolled by women, and small business concerns
10 owned and controlled by veterans (as such terms are
11 defined in section 8(d)(3) of the Small Business Act
12 (15 U.S.C. 637(d)(3))).

