

AMENDMENT**OFFERED BY MR. BARROW OF GEORGIA**

Insert the following at the appropriate place:

1 **SEC. __. FUTURE FARMSTEADS PROGRAM.**

2 (a) ESTABLISHMENT.—The Secretary of Energy
3 shall establish a program to equip, in each of 5 regions
4 of the country chosen to represent different farming prac-
5 tices, a farm house and its surrounding fields, facilities,
6 and forested areas with technologies to—

7 (1) improve energy production and energy use
8 efficiencies;

9 (2) provide working examples to farmers; and

10 (3) serve as an education, demonstration, and
11 research facility that will house graduate students
12 whose focus of research is related to either renew-
13 able energy or energy conservation technologies.

14 (b) GOALS.—The goals of the program established
15 under subsection (a) shall be to—

16 (1) advance farm energy efficiencies and the on-
17 farm production of renewable energies, along with
18 advanced communication and control technologies
19 with the latest in energy capture and conversion
20 techniques, thereby enhancing rural energy inde-

1 pendence and creating new revenues for rural econo-
2 mies;

3 (2) accelerate private sector and university re-
4 search into the efficient production of renewable
5 fuels and help educate the farming industry, stu-
6 dents, and the general public; and

7 (3) accelerate energy independence, including
8 the production and the conservation of renewable en-
9 ergies.

10 (c) COLLABORATION PARTNERS.—The program
11 under this section shall be carried out in partnership with
12 the University of Georgia, other regional land grant insti-
13 tutions, the Georgia Agricultural Innovation Center, agri-
14 cultural commodity commissions, biofuels companies, sen-
15 sor and controls companies, and internet technology com-
16 panies.

17 (d) AUTHORIZATION OF APPROPRIATIONS.—There
18 are authorized to be appropriated to the Secretary
19 \$1,000,000 for each fiscal year for carrying out this sec-
20 tion.