

**Bennet 16**  
Adjusted  
S.L.C.

*Min F. B. T.*  
PLT18598

AMENDMENT NO. \_\_\_\_\_ Calendar No. \_\_\_\_\_

Purpose: To provide technical assistance for rural electrification loans and advance carbon utilization technologies.

IN THE SENATE OF THE UNITED STATES—115th Cong., 2d Sess.

S. \_\_\_\_\_

To provide for the reform and continuation of agricultural and other programs of the Department of Agriculture through fiscal year 2023, and for other purposes.

Referred to the Committee on \_\_\_\_\_ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENTS intended to be proposed by Mr. BENNET

Viz:

1 In section 1201, strike subsection (c) and insert the  
2 following:

3 (c) REPAYMENT.—Section 1204(e)(2)(B) of the Agri-  
4 cultural Act of 2014 (7 U.S.C. 9034(e)(2)(B)) is amended  
5 by striking “2019” and inserting “2024”.

6 After section 6201, insert the following:

1 **SEC. 62** \_\_\_\_ . **TECHNICAL ASSISTANCE FOR RURAL ELEC-**  
2 **TRIFICATION LOANS.**

3 Section 2 of the Rural Electrification Act of 1936 (7  
4 U.S.C. 902) is amended by adding at the end the fol-  
5 lowing:

6 “(c) **TECHNICAL ASSISTANCE.**—

7 “(1) **IN GENERAL.**—Not later than 180 days  
8 after the date of enactment of the Agriculture Im-  
9 provement Act of 2018, the Secretary shall enter  
10 into a memorandum of understanding with the Sec-  
11 retary of Energy under which the Secretary of En-  
12 ergy shall provide technical assistance to applicants  
13 for loans made under subsection (a) and section  
14 4(a).

15 “(2) **FORM OF ASSISTANCE.**—The technical as-  
16 sistance that the Secretary may request pursuant to  
17 a memorandum of understanding entered into under  
18 paragraph (1) may include—

19 “(A) direct advice;

20 “(B) tools, maps, and training relating  
21 to—

22 “(i) the implementation of demand-  
23 side management of electric and telephone  
24 service in rural areas;

25 “(ii) energy efficiency and conserva-  
26 tion programs; and

1                   “(iii) on-grid and off-grid renewable  
2                   energy systems; and

3                   “(C) any other forms of assistance deter-  
4                   mined necessary by the Secretary.”.

5                   Strike paragraph (1) of section 9103 and insert the  
6 following:

7                   (1) in subsection (b)(3)—

8                   (A) in subparagraph (A), by striking “pro-  
9                   duces an advanced biofuel” and inserting the  
10                  following: “produces any 1 or more, or a com-  
11                  bination, of—

12                  “(i) an advanced biofuel;

13                  “(ii) a renewable chemical; or

14                  “(iii) a biobased product”;

15                  (B) in subparagraph (B), by striking “pro-  
16                  duces an advanced biofuel.” and inserting the  
17                  following: “produces any 1 or more, or a com-  
18                  bination, of—

19                  “(i) an advanced biofuel;

20                  “(ii) a renewable chemical; or

21                  “(iii) a biobased product.”; and

22                  (C) by adding at the end the following:

23                  “(C) a technology for the capture, com-  
24                  pression, or utilization of carbon dioxide that is

1 produced at a biorefinery producing an ad-  
2 vanced biofuel, a renewable chemical, or a  
3 biobased product.”; and

4 Strike section 7409 and insert the following:

5 **SEC. 7409. BIOMASS RESEARCH AND DEVELOPMENT.**

6 Section 9008 of the Farm Security and Rural Invest-  
7 ment Act of 2002 (7 U.S.C. 8108) is amended—

8 (1) in subsection (a)(1)—

9 (A) in subparagraph (A), by striking “or”  
10 at the end;

11 (B) in subparagraph (B), by striking the  
12 period at the end and inserting “; or”; and

13 (C) by adding at the end the following:

14 “(C) carbon dioxide that—

15 “(i) is intended for permanent seques-  
16 tration or utilization; and

17 “(ii) is a byproduct of the production  
18 of the products described in subparagraphs  
19 (A) and (B).”;

20 (2) in subsection (d)(2)(A)—

21 (A) in clause (xii), by striking “and” at  
22 the end;

23 (B) by redesignating clause (xiii) as clause  
24 (xiv); and

1 (C) by inserting after clause (xii) the fol-  
2 lowing:

3 “(xiii) an individual with expertise in  
4 carbon dioxide capture, utilization, and se-  
5 questration; and”;

6 (3) in subsection (e)—

7 (A) in paragraph (2)(B)—

8 (i) in clause (ii), by striking “and” at  
9 the end; and

10 (ii) by adding at the end the fol-  
11 lowing:

12 “(iv) to permanently sequester or uti-  
13 lize carbon dioxide that is produced as a  
14 byproduct of the production of biobased  
15 products; and”; and

16 (B) in paragraph (3)(B)—

17 (i) in clause (i), by striking “and” at  
18 the end;

19 (ii) in clause (ii), by striking the pe-  
20 riod at the end and inserting “; and”; and

21 (iii) by adding at the end the fol-  
22 lowing:

23 “(iii) the development of technologies  
24 to permanently sequester or utilize carbon

1           dioxide that is produced as a byproduct of  
2           the production of biobased products.”; and  
3           (4) in subsection (h)(2), by striking “2018”  
4           and inserting “2023”.

5           After section 9111, insert the following:

6   **SEC. 9112. CARBON UTILIZATION EDUCATION PROGRAM.**

7           Title IX of the Farm Security and Rural Investment  
8   Act of 2002 (7 U.S.C. 8101 et seq.) is amended by adding  
9   at the end the following:

10   **“SEC. 9014. CARBON UTILIZATION EDUCATION PROGRAM.**

11           “(a) DEFINITIONS.—In this section:

12                   “(1) CARBON DIOXIDE.—The term ‘carbon di-  
13           oxide’ means carbon dioxide that is produced as a  
14           byproduct of the production of a biobased product.

15                   “(2) ELIGIBLE ENTITY.—The term ‘eligible en-  
16           tity’ means an entity that—

17                           “(A) is—

18                                   “(i) an organization described in sec-  
19                                   tion 501(c)(3) of the Internal Revenue  
20                                   Code of 1986 and exempt from taxation  
21                                   under 501(a) of that Code; or

22                                   “(ii) an institution of higher education  
23                                   (as defined in section 101(a) of the Higher

1 Education Act of 1965 (20 U.S.C.  
2 1001(a));

3 “(B) has demonstrated knowledge about—

4 “(i) sequestration and utilization of  
5 carbon dioxide; or

6 “(ii) aggregation of organic waste  
7 from multiple sources into a single biogas  
8 system; and

9 “(C) has a demonstrated ability to conduct  
10 educational and technical support programs.

11 “(b) ESTABLISHMENT.—The Secretary, in consulta-  
12 tion with the Secretary of Energy, shall make competitive  
13 grants to eligible entities—

14 “(1) to provide education to the public about  
15 the economic and emissions benefits of permanent  
16 sequestration or utilization of carbon dioxide; or

17 “(2) to provide education to biogas producers  
18 about opportunities for aggregation of organic waste  
19 from multiple sources into a single biogas system.

20 “(c) FUNDING.—

21 “(1) MANDATORY FUNDING.—Of the funds of  
22 the Commodity Credit Corporation, the Secretary  
23 shall use for each of fiscal years 2019 through  
24 2023—

1           “(A) \$1,000,000 to carry out subsection  
2           (b)(1); and

3           “(B) \$1,000,000 to carry out subsection  
4           (b)(2).

5           “(2) DISCRETIONARY FUNDING.—There are au-  
6           thorized to be appropriated for each of fiscal years  
7           2019 through 2023—

8           “(A) \$1,000,000 to carry out subsection  
9           (b)(1); and

10           “(B) \$1,000,000 to carry out subsection  
11           (b)(2).”.