

113TH CONGRESS
2D SESSION

S. _____

To amend the Internal Revenue Code of 1986 to modify the depreciation recovery period for energy-efficient cool roof systems, and for other purposes.

IN THE SENATE OF THE UNITED STATES

Mr. CARDIN (for himself and Mr. CRAPO) introduced the following bill; which was read twice and referred to the Committee on _____

A BILL

To amend the Internal Revenue Code of 1986 to modify the depreciation recovery period for energy-efficient cool roof systems, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Energy-Efficient Cool
5 Roof Jobs Act”.

6 **SEC. 2. DEPRECIATION RECOVERY PERIOD FOR CERTAIN**
7 **ROOF SYSTEMS.**

8 (a) 20-YEAR RECOVERY PERIOD.—

1 (1) IN GENERAL.—Subparagraph (F) of section
2 168(e)(3) of the Internal Revenue Code of 1986 is
3 amended to read as follows:

4 “(F) 20-YEAR PROPERTY.—The term ‘20-
5 year property’ means—

6 “(i) initial clearing and grading land
7 improvements with respect to any electric
8 utility transmission and distribution plant,
9 and

10 “(ii) any qualified energy-efficient cool
11 roof replacement property.”.

12 (2) QUALIFIED ENERGY-EFFICIENT COOL ROOF
13 REPLACEMENT PROPERTY.—Section 168(e) of such
14 Code is amended by adding at the end the following
15 new paragraph:

16 “(9) QUALIFIED ENERGY-EFFICIENT COOL
17 ROOF REPLACEMENT PROPERTY.—

18 “(A) IN GENERAL.—The term ‘qualified
19 energy-efficient cool roof replacement property’
20 means any roof system—

21 “(i) which is placed in service above
22 conditioned or semi-heated space on an eli-
23 gible commercial building,

24 “(ii) which has a slope equal to or less
25 than 2:12,

1 “(iii) which replaces an existing roof
2 system, and

3 “(iv) which includes—

4 “(I) insulation which meets or
5 exceeds the minimum prescriptive re-
6 quirements in tables A-1 to A-9 in
7 the Normative Appendix A of
8 ASHRAE Standard 189.1-2011, and

9 “(II) in the case of an eligible
10 commercial building located in a cli-
11 mate zone other than climate zone 6,
12 7, or 8 (as specified in ASHRAE
13 Standard 189.1-2011), a primary
14 roof covering which has a cool roof
15 surface.

16 “(B) COOL ROOF SURFACE.—The term
17 ‘cool roof surface’ means a roof the exterior
18 surface of which —

19 “(i) has a 3-year-aged solar reflec-
20 tance of at least 0.55 and a 3-year-aged
21 thermal emittance of at least 0.75, as de-
22 termined in accordance with the Cool Roof
23 Rating Council CRRC-1 Product Rating
24 Program, or

1 “(ii) has a 3-year-aged solar reflec-
2 tance index (SRI) of at least 64, as deter-
3 mined in accordance with ASTM Standard
4 E1980, determined—

5 “(I) using a medium-wind-speed
6 convection coefficient of $12 \text{ W/m}^2\cdot\text{K}$,
7 and

8 “(II) using the values for 3-year-
9 aged solar reflectance and 3-year-aged
10 thermal emittance determined in ac-
11 cordance with the Cool Roof Rating
12 Council CRRC-1 Product Rating Pro-
13 gram.

14 “(C) ROOF SYSTEM.—The term ‘roof sys-
15 tem’ means a system of roof components, in-
16 cluding roof insulation and a membrane or pri-
17 mary roof covering, but not including the roof
18 deck, designed to weather-proof and improve
19 the thermal resistance of a building.

20 “(D) ELIGIBLE COMMERCIAL BUILDING.—
21 The term ‘eligible commercial building’ means
22 any building—

23 “(i) which is within the scope of
24 ASHRAE Standard 90.1-2010,

1 “(ii) which is located in the United
2 States,

3 “(iii) with respect to which deprecia-
4 tion (or amortization in lieu of deprecia-
5 tion) is allowable, and

6 “(iv) which was placed in service be-
7 fore the date that is 3 years prior to the
8 date the roof system described in subpara-
9 graph (A) is placed in service.

10 “(E) ASHRAE.—The term ‘ASHRAE’
11 means the American Society of Heating, Refrig-
12 erating and Air-Conditioning Engineers.”.

13 (b) REQUIREMENT TO USE STRAIGHT LINE METH-
14 OD.—Paragraph (3) of section 168(b) of the Internal Rev-
15 enue Code of 1986 is amended by adding at the end the
16 following new subparagraph:

17 “(J) Any qualified energy-efficient cool
18 roof replacement property.”.

19 (c) ALTERNATIVE SYSTEM.—The table contained in
20 section 168(g)(3)(B) of the Internal Revenue Code of
21 1986 is amended by striking the last item and inserting
22 the following new items:

“(F)(i)	25
“(F)(ii)	27.5”.

23 (d) DEPRECIATION RULES FOR CERTAIN QUALIFIED
24 ENERGY-EFFICIENT COOL ROOF REPLACEMENT PROP-

1 ERTY FOR PURPOSES OF COMPUTING THE EARNINGS AND
2 PROFITS OF A REAL ESTATE INVESTMENT TRUST.—

3 (1) IN GENERAL.—Paragraph (3) of section
4 312(k) of the Internal Revenue Code of 1986 is
5 amended by adding at the end the following new
6 subparagraph:

7 “(C) TREATMENT OF QUALIFIED ENERGY-
8 EFFICIENT COOL ROOF REPLACEMENT PROP-
9 ERTY.—In the case of any qualified energy-effi-
10 cient cool roof replacement property (within the
11 meaning of section 168(e)(9)), the adjustment
12 for depreciation to earnings and profits of a
13 real estate investment trust for any taxable
14 year shall be determined under the alternative
15 depreciation method (within the meaning of sec-
16 tion 168(g)(2)), except that the recovery period
17 shall be 20 years.”.

18 (2) CONFORMING AMENDMENT.—Subparagraph
19 (A) of section 312(k)(3) of such Code is amended by
20 striking “subparagraph (B),” and inserting “sub-
21 paragraphs (B) and (C),”.

22 (e) EFFECTIVE DATE.—The amendments made by
23 this section shall apply to property placed in service after
24 the date of the enactment of this Act.