

112TH CONGRESS
1ST SESSION

S. 1575

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

IN THE SENATE OF THE UNITED STATES

SEPTEMBER 19, 2011

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

A BILL

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

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.—

9 (1) IN GENERAL.—Subparagraph (F) of section
10 168(e)(3) of the Internal Revenue Code of 1986 (re-

1 lating to classification of certain property) is amend-
2 ed to read as follows:

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

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

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

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

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

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

20 “(i) which is placed in service—

21 “(I) above conditioned or semi-
22 heated space on an eligible commer-
23 cial building, and

24 “(II) during the period beginning
25 on the date of the enactment of this

1 paragraph and ending on December
2 31, 2013,

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

5 “(iii) which replaces an existing roof
6 system, and

7 “(iv) which includes—

8 “(I) insulation which meets or
9 exceeds the minimum prescriptive re-
10 quirements in tables A-1 to A-9 in
11 the Normative Appendix A of
12 ASHRAE Standard 189.1-2009, and

13 “(II) in the case of an eligible
14 commercial building located in a cli-
15 mate zone other than climate zone 6,
16 7, or 8 (as specified in ASHRAE
17 Standard 90.1-2010), a primary roof
18 covering which has a cool roof surface.

19 “(B) COOL ROOF SURFACE.—The term
20 ‘cool roof surface’ means a roof the exterior
21 surface of which —

22 “(i) has a 3-year-aged solar reflec-
23 tance of at least 0.55 and a 3-year-aged
24 thermal emittance of at least 0.75, as de-
25 termined in accordance with the Cool Roof

1 Rating Council CRRC-1 Product Rating
2 Program, or

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

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

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

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

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

1 “(i) which is within the scope of
2 ASHRAE Standard 90.1–2010,

3 “(ii) which is located in the United
4 States,

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

8 “(iv) which was placed in service prior
9 to December 31, 2009.

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 such Code is
15 amended by adding at the end the following new subpara-
16 graph:

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 such Code is amended by striking
21 the last item and inserting the following new items:

“(F)(i)	25
(F)(ii)	27.5”.

1 (d) EFFECTIVE DATE.—The amendments made by
2 this section shall apply to property placed in service after
3 the date of the enactment of this Act.

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