

106TH CONGRESS
2D SESSION

H. R. 5345

To amend the Internal Revenue Code of 1986 to provide incentives to introduce new technologies to reduce energy consumption in buildings.

IN THE HOUSE OF REPRESENTATIVES

SEPTEMBER 29, 2000

Mr. CUNNINGHAM (for himself, Mr. MARKEY, Mr. BILBRAY, Mr. LEWIS of California, Mr. FARR of California, and Mr. HUNTER) introduced the following bill; which was referred to the Committee on Ways and Means

A BILL

To amend the Internal Revenue Code of 1986 to provide incentives to introduce new technologies to reduce energy consumption in buildings.

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
5 Buildings Incentives Act”.

1 **SEC. 2. INCENTIVE FOR CERTAIN ENERGY EFFICIENT**
 2 **PROPERTY USED IN BUSINESS.**

3 (a) IN GENERAL.—Part VI of subchapter B of chap-
 4 ter 1 of the Internal Revenue Code of 1986 is amended
 5 by adding at the end the following new section:

6 **“SEC. 199. ENERGY PROPERTY DEDUCTION.**

7 “(a) IN GENERAL.—There shall be allowed as a de-
 8 duction for the taxable year an amount equal to the sum
 9 of—

10 “(1) the amount determined under subsection
 11 (b) for each energy property of the taxpayer placed
 12 in service during such taxable year, and

13 “(2) the energy efficient commercial building
 14 amount determined under subsection (f).

15 “(b) AMOUNT FOR ENERGY PROPERTY.—

16 “(1) IN GENERAL.—The amount determined
 17 under this subsection for the taxable year for each
 18 item of energy property shall equal the amount spec-
 19 ified for such property in the following table:

Description of property:	Allowable amount is:
Elected solar hot water property	\$1.00 per each kwh/year of sav- ings.
Photovoltaic property	\$4.50 per peak watt.
Natural gas heat pump described in subsection (d)(2)(C).	\$3,000.
Tier 2 energy-efficient building property (other than a natural gas heat pump).	\$1,500.
Tier 1 energy-efficient building property	\$750.

1 “(2) ELECTED SOLAR HOT WATER PROP-
2 ERTY.—In the case of elected solar hot water prop-
3 erty, the taxpayer may elect to substitute ‘\$21 per
4 annual Therm of natural gas savings’ for ‘\$1.00 per
5 each kwh/year of savings’ in the table contained in
6 paragraph (1).

7 “(c) ENERGY PROPERTY DEFINED.—

8 “(1) IN GENERAL.—For purposes of this part,
9 the term ‘energy property’ means any property—

10 “(A) which is—

11 “(i) solar energy property,

12 “(ii) Tier 2 energy-efficient building
13 property, or

14 “(iii) Tier 1 energy-efficient building
15 property,

16 “(B)(i) the construction, reconstruction, or
17 erection of which is completed by the taxpayer,
18 or

19 “(ii) which is acquired by the taxpayer if
20 the original use of such property commences
21 with the taxpayer,

22 “(C) with respect to which depreciation (or
23 amortization in lieu of depreciation) is allow-
24 able, and

1 “(D) which meets the performance and
2 quality standards, and the certification require-
3 ments (if any), which—

4 “(i) have been prescribed by the Sec-
5 retary by regulations (after consultation
6 with the Secretary of Energy or the Ad-
7 ministrators of the Environmental Protec-
8 tion Agency, as appropriate), and

9 “(ii) are in effect at the time of the
10 acquisition of the property.

11 “(2) SOLAR ENERGY PROPERTY.—In the case
12 of—

13 “(A) elected solar hot water property, the
14 regulations under paragraph (1)(D) shall be
15 based on the OG-300 Standard for the Annual
16 Performance of OG-300 Certified Systems of
17 the Solar Rating and Certification Corporation,
18 and

19 “(B) photovoltaics, such regulations shall
20 be based on the ASTM Standard E 1036 and
21 E 1036M-96 Standard Test Method for Elec-
22 tric Performance of Nonconcentrator Terres-
23 trial Photovoltaic Modules and Arrays Using
24 Reference Cells,

1 to the extent the Secretary determines such stand-
2 ards carry out the purposes of this section.

3 “(3) EXCEPTION.—Such term shall not include
4 any property which is public utility property (as de-
5 fined in section 46(f)(5) as in effect on the day be-
6 fore the date of the enactment of the Revenue Rec-
7 onciliation Act of 1990).

8 “(d) DEFINITIONS RELATING TO TYPES OF ENERGY
9 PROPERTY.—For purposes of this section—

10 “(1) SOLAR ENERGY PROPERTY.—

11 “(A) IN GENERAL.—The term ‘solar en-
12 ergy property’ means equipment which uses
13 solar energy—

14 “(i) to generate electricity, or

15 “(ii) to provide hot water for use in a
16 structure.

17 “(B) ELECTED SOLAR HOT WATER PROP-
18 ERTY.—

19 “(i) IN GENERAL.—The term ‘elected
20 solar hot water property’ means property
21 which is solar energy property by reason of
22 subparagraph (A)(ii) and for which an
23 election under this subparagraph is in ef-
24 fect.

1 “(ii) ELECTION.—For purposes of
2 clause (i), a taxpayer may elect to treat
3 property described in clause (i) as elected
4 solar hot water property.

5 “(C) PHOTOVOLTAIC PROPERTY.—The
6 term ‘photovoltaic property’ means solar energy
7 property which uses a solar photovoltaic process
8 to generate electricity.

9 “(D) SWIMMING POOLS, ETC., USED AS
10 STORAGE MEDIUM.—The term ‘solar energy
11 property’ shall not include a swimming pool,
12 hot tub, or any other energy storage medium
13 which has a function other than the function of
14 such storage.

15 “(E) SOLAR PANELS.—No solar panel or
16 other property installed as a roof (or portion
17 thereof) shall fail to be treated as solar energy
18 property solely because it constitutes a struc-
19 tural component of the structure on which it is
20 installed.

21 “(2) TIER 2 ENERGY-EFFICIENT BUILDING
22 PROPERTY.—The term ‘Tier 2 energy-efficient build-
23 ing property’ means—

24 “(A) an electric heat pump hot water heat-
25 er that yields an energy factor of 1.7 or greater,

1 “(B) an electric heat pump that has a
2 heating system performance factor (HSPF) of
3 9 or greater and a cooling seasonal energy effi-
4 ciency ratio (SEER) of 15 or greater and a
5 peak energy efficiency ratio (EER) of 12.5 or
6 greater,

7 “(C) a natural gas heat pump that has a
8 coefficient of performance of not less than 1.25
9 for heating and not less than 0.70 for cooling,

10 “(D) a central air conditioner that has a
11 cooling seasonal energy efficiency ratio (SEER)
12 of 15 or greater and a peak EER of 12.5 or
13 greater, and

14 “(E) an advanced natural gas water heater
15 that has an energy factor of at least 0.80.

16 “(3) TIER 1 ENERGY-EFFICIENT BUILDING
17 PROPERTY.—The term ‘Tier 1 energy-efficient build-
18 ing property’ means—

19 “(A) an electric heat pump that has a
20 heating system performance factor (HSPF) of
21 7.5 or greater and a cooling seasonal energy ef-
22 ficiency ratio (SEER) of 13.5 or greater and a
23 peak energy efficiency ratio (EER) of 11.5 or
24 greater,

1 “(B) a central air conditioner that has a
2 cooling seasonal energy efficiency ratio (SEER)
3 of 13.5 or greater and a peak EER of 11.5 or
4 greater, and

5 “(C) an advanced natural gas water heater
6 that has an energy factor of at least 0.65.

7 “(e) SPECIAL RULES.—For purposes of this
8 section—

9 “(1) BASIS REDUCTION.—For purposes of this
10 subtitle, if a deduction is allowed under this section
11 with respect to any energy property, the basis of
12 such property shall be reduced by the amount of the
13 deduction so allowed.

14 “(2) DOUBLE BENEFIT.—Property which
15 would, but for this paragraph, be eligible for deduc-
16 tion under more than one provision of this section
17 shall be eligible only under one such provision, the
18 provision specified by the taxpayer.

19 “(f) ENERGY EFFICIENT COMMERCIAL BUILDING
20 PROPERTY DEDUCTION.—

21 “(1) DEDUCTION ALLOWED.—For purposes of
22 subsection (a)—

23 “(A) IN GENERAL.—The energy efficient
24 commercial building property deduction deter-
25 mined under this subsection is an amount equal

1 to energy efficient commercial building property
2 expenditures made by a taxpayer for the tax-
3 able year.

4 “(B) MAXIMUM AMOUNT OF DEDUC-
5 TION.—The amount of energy efficient commer-
6 cial building property expenditures taken into
7 account under subparagraph (A) shall not ex-
8 ceed an amount equal to the product of—

9 “(i) \$2.25, and

10 “(ii) the square footage of the build-
11 ing with respect to which the expenditures
12 are made.

13 “(C) YEAR DEDUCTION ALLOWED.—The
14 deduction under subparagraph (A) shall be al-
15 lowed in the taxable year in which the construc-
16 tion of the building is completed.

17 “(2) ENERGY EFFICIENT COMMERCIAL BUILD-
18 ING PROPERTY EXPENDITURES.—For purposes of
19 this subsection, the term ‘energy efficient commer-
20 cial building property expenditures’ means an
21 amount paid or incurred for energy efficient com-
22 mercial building property installed on or in connec-
23 tion with new construction or reconstruction of
24 property—

1 “(A) for which depreciation is allowable
2 under section 167,

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

5 “(C) the construction or erection of which
6 is completed by the taxpayer.

7 Such property includes all residential rental prop-
8 erty, including low-rise multifamily structures and
9 single family housing property which is not within
10 the scope of Standard 90.1–1999 (described in para-
11 graph (3)). Such term includes expenditures for
12 labor costs properly allocable to the onsite prepara-
13 tion, assembly, or original installation of the prop-
14 erty.

15 “(3) ENERGY EFFICIENT COMMERCIAL BUILD-
16 ING PROPERTY.—For purposes of paragraph (2)—

17 “(A) IN GENERAL.—The term ‘energy effi-
18 cient commercial building property’ means any
19 property which reduces total annual energy and
20 power costs with respect to the lighting, heat-
21 ing, cooling, ventilation, and hot water supply
22 systems of the building by 50 percent or more
23 in comparison to a reference building which
24 meets the requirements of Standard 90.1–1999
25 of the American Society of Heating, Refrig-

1 erating, and Air Conditioning Engineers and
2 the Illuminating Engineering Society of North
3 America using methods of calculation under
4 subparagraph (B) and certified by qualified
5 professionals as provided under paragraph (6).

6 “(B) METHODS OF CALCULATION.—The
7 Secretary, in consultation with the Secretary of
8 Energy, shall promulgate regulations which de-
9 scribe in detail methods for calculating and
10 verifying energy and power consumption and
11 cost, taking into consideration the provisions of
12 the 1998 California Nonresidential ACM Man-
13 ual. These procedures shall meet the following
14 requirements:

15 “(i) In calculating tradeoffs and en-
16 ergy performance, the regulations shall
17 prescribe the costs per unit of energy and
18 power, such as kilowatt hour, kilowatt, gal-
19 lon of fuel oil, and cubic foot or Btu of
20 natural gas, which may be dependent on
21 time of usage.

22 “(ii) The calculational methodology
23 shall require that compliance be dem-
24 onstrated for a whole building. If some sys-
25 tems of the building, such as lighting, are

1 designed later than other systems of the
2 building, the method shall provide that
3 either—

4 “(I) the expenses taken into ac-
5 count under paragraph (1) shall not
6 occur until the date designs for all en-
7 ergy-using systems of the building are
8 completed,

9 “(II) the energy performance of
10 all systems and components not yet
11 designed shall be assumed to comply
12 minimally with the requirements of
13 such Standard 90.1–1999, or

14 “(III) the expenses taken into ac-
15 count under paragraph (1) shall be a
16 fraction of such expenses based on the
17 performance of less than all energy-
18 using systems in accordance with
19 clause (iii).

20 “(iii) The expenditures in connection
21 with the design of subsystems in the build-
22 ing, such as the envelope, the heating, ven-
23 tilation, air conditioning and water heating
24 system, and the lighting system shall be al-
25 located to the appropriate building sub-

1 system based on system-specific energy
2 cost savings targets in regulations promul-
3 gated by the Secretary of Energy which
4 are equivalent, using the calculation meth-
5 odology, to the whole building requirement
6 of 50 percent savings.

7 “(iv) The calculational methods under
8 this subparagraph need not comply fully
9 with section 11 of such Standard 90.1–
10 1999.

11 “(v) The calculational methods shall
12 be fuel neutral, such that the same energy
13 efficiency features shall qualify a building
14 for the deduction under this subsection re-
15 gardless of whether the heating source is a
16 gas or oil furnace or an electric heat pump.

17 “(vi) The calculational methods shall
18 provide appropriate calculated energy sav-
19 ings for design methods and technologies
20 not otherwise credited in either such
21 Standard 90.1–1999 or in the 1998 Cali-
22 fornia Nonresidential ACM Manual, in-
23 cluding the following:

24 “(I) Natural ventilation.

25 “(II) Evaporative cooling.

1 “(III) Automatic lighting controls
2 such as occupancy sensors, photocells,
3 and timeclocks.

4 “(IV) Daylighting.

5 “(V) Designs utilizing semi-con-
6 ditioned spaces that maintain ade-
7 quate comfort conditions without air
8 conditioning or without heating.

9 “(VI) Improved fan system effi-
10 ciency, including reductions in static
11 pressure.

12 “(VII) Advanced unloading
13 mechanisms for mechanical cooling,
14 such as multiple or variable speed
15 compressors.

16 “(VIII) The calculational meth-
17 ods may take into account the extent
18 of commissioning in the building, and
19 allow the taxpayer to take into ac-
20 count measured performance that ex-
21 ceeds typical performance.

22 “(C) COMPUTER SOFTWARE.—

23 “(i) IN GENERAL.—Any calculation
24 under this paragraph shall be prepared by
25 qualified computer software.

1 “(ii) QUALIFIED COMPUTER SOFT-
2 WARE.—For purposes of this subpara-
3 graph, the term ‘qualified computer soft-
4 ware’ means software—

5 “(I) for which the software de-
6 signer has certified that the software
7 meets all procedures and detailed
8 methods for calculating energy and
9 power consumption and costs as re-
10 quired by the Secretary,

11 “(II) which provides such forms
12 as required to be filed by the Sec-
13 retary in connection with energy effi-
14 ciency of property and the deduction
15 allowed under this subsection, and

16 “(III) which provides a notice
17 form which summarizes the energy ef-
18 ficiency features of the building and
19 its projected annual energy costs.

20 “(4) ALLOCATION OF DEDUCTION FOR PUBLIC
21 PROPERTY.—In the case of energy efficient commer-
22 cial building property installed on or in public prop-
23 erty, the Secretary shall promulgate a regulation to
24 allow the allocation of the deduction to the person
25 primarily responsible for designing the property in

1 lieu of the public entity which is the owner of such
2 property. Such person shall be treated as the tax
3 payer for purposes of this subsection.

4 “(5) NOTICE TO OWNER.—The qualified indi-
5 vidual shall provide an explanation to the owner of
6 the building regarding the energy efficiency features
7 of the building and its projected annual energy costs
8 as provided in the notice under paragraph
9 (3)(C)(ii)(III).

10 “(6) CERTIFICATION.—

11 “(A) IN GENERAL.—Except as provided in
12 this paragraph, the Secretary, in consultation
13 with the Secretary of Energy, shall establish re-
14 quirements for certification and compliance pro-
15 cedures similar to the procedures under section
16 25B(c)(7).

17 “(B) QUALIFIED INDIVIDUALS.—Individ-
18 uals qualified to determine compliance shall be
19 only those individuals who are recognized by an
20 organization certified by the Secretary for such
21 purposes.

22 “(C) PROFICIENCY OF QUALIFIED INDIVID-
23 UALS.—The Secretary shall consult with non-
24 profit organizations and State agencies with ex-
25 pertise in energy efficiency calculations and in-

1 specifications to develop proficiency tests and train-
2 ing programs to qualify individuals to determine
3 compliance.

4 “(g) TERMINATION.—This section shall not apply
5 with respect to—

6 “(1) any energy property placed in service after
7 December 31, 2006, and

8 “(2) any energy efficient commercial building
9 property expenditures in connection with property—

10 “(A) the plans for which are not certified
11 under subsection (f)(6) on or before December
12 31, 2006, and

13 “(B) the construction of which is not com-
14 pleted on or before December 31, 2008.”.

15 (b) CONFORMING AMENDMENTS.—

16 (1) Section 48(a)(3)(A) of such Code is amend-
17 ed to read as follows:

18 “(A) which is equipment used to produce,
19 distribute, or use energy derived from a geo-
20 thermal deposit (within the meaning of section
21 613(e)(2)), but only, in the case of electricity
22 generated by geothermal power, up to (but not
23 including) the electrical transmission stage,”.

24 (2) Subparagraph (B) of section 168(e)(3) of
25 such Code is amended—

1 (A) in clause (vi)(I)—
2 (i) by striking “section 48(a)(3)” and
3 inserting “section 199(d)(1)”, and
4 (ii) by striking “clause (i)” and in-
5 serting “such subparagraph (A)”, and
6 (B) in the last sentence, by striking “sec-
7 tion 48(a)(3)” and inserting “section
8 199(c)(3)”.

9 (3) Section 1016(a) of such Code is amended
10 by striking “and” at the end of paragraph (26), by
11 striking the period at the end of paragraph (27) and
12 inserting “, and”, and by inserting the following new
13 paragraph:

14 “(28) for amounts allowed as a deduction under
15 section 199(a).”.

16 (c) CLERICAL AMENDMENT.—The table of sections
17 for part VI of subchapter B of chapter 1 of such Code
18 is amended by adding at the end the following new item:

“Sec. 199. Energy property deduction.”.

19 (d) AUTHORIZATION OF APPROPRIATIONS.—There
20 are authorized to be appropriated to the Department of
21 Energy out of amounts not already appropriated such
22 sums as necessary to carry out this section.

23 (e) EFFECTIVE DATE.—The amendments made by
24 this section shall apply to taxable years beginning after
25 December 31, 2000.

1 **SEC. 3. CREDIT FOR CERTAIN NONBUSINESS ENERGY**
 2 **PROPERTY.**

3 (a) IN GENERAL.—Subpart A of part IV of sub-
 4 chapter A of chapter 1 of the Internal Revenue Code of
 5 1986 (relating to nonrefundable personal credits) is
 6 amended by inserting after section 25A the following new
 7 section:

8 **“SEC. 25B. NONBUSINESS ENERGY PROPERTY.**

9 “(a) ALLOWANCE OF CREDIT.—In the case of an in-
 10 dividual, there shall be allowed as a credit against the tax
 11 imposed by this chapter for the taxable year an amount
 12 equal to the sum of—

13 “(1) the amount determined under subsection
 14 (b) for each qualified energy property of the tax-
 15 payer placed in service during such taxable year, and

16 “(2) the credit amount specified in the fol-
 17 lowing table for a new, highly energy-efficient prin-
 18 cipal residence:

“New, highly energy-efficient principal residence:	Credit amount:
30 percent property	\$750
50 percent property	\$2,000.

19 “(b) AMOUNT FOR QUALIFIED ENERGY PROP-
 20 erty.—

21 “(1) RESIDENTIAL ENERGY PROPERTY EX-
 22 PENDITURES.—Except as provided in paragraph (2),
 23 the amount determined under this subsection for the

1 taxable year for each item of qualified energy prop-
 2 erty shall equal the amount of residential energy
 3 property expenditures made by the taxpayer with re-
 4 spect to such property during such taxable year.

5 “(2) SOLAR HOT WATER PROPERTY; PHOTO-
 6 VOLTAIC PROPERTY.—

7 “(A) IN GENERAL.—In the case of solar
 8 hot water property and photovoltaic property,
 9 the amount determined under this subsection
 10 for the taxable year shall equal the amount
 11 specified for such property in the following
 12 table:

Description of property:	Allowable amount is:
Elected solar hot water property	35¢ per each kwh/year of sav- ings.
Photovoltaic property	\$1.50 per peak watt.

13 “(B) ELECTED SOLAR HOT WATER PROP-
 14 erty.—In the case of elected solar hot water
 15 property, the taxpayer may elect to substitute
 16 ‘\$7 per annual Therm of natural gas savings’
 17 for ‘35¢ per each kwh/year of savings’ in the
 18 table contained in subparagraph (A).

19 “(3) MAXIMUM AMOUNT.—In the case of prop-
 20 erty described in the following table, the amount of
 21 expenditures taken into account under paragraph

1 (1) and the amount determined under paragraph (2)
 2 for the taxable year for each item of qualified energy
 3 property with respect to a dwelling unit shall not
 4 exceed the amount specified for such property in
 5 such table:

“Description of property item:	Maximum allowable credit amount is:
Tier 2 energy-efficient building property (other than a natural gas heat pump).	\$500.
Natural gas heat pump described in section 199(d)(2)(C).	\$1,000.
Tier 1 energy-efficient building property	\$ 250.
Solar hot water property	\$1,000.
Photovoltaic property	\$6,000.

6 “(c) DEFINITIONS.—For purposes of this section—
 7 “(1) RESIDENTIAL ENERGY PROPERTY EX-
 8 PENDITURES.—The term ‘residential energy prop-
 9 erty expenditures’ means expenditures made by the
 10 taxpayer for qualified energy property installed on or
 11 in connection with a dwelling unit which—

12 “(A) is located in the United States, and
 13 “(B) is used by the taxpayer as a resi-
 14 dence.

15 Such term includes expenditures for labor costs
 16 properly allocable to the onsite preparation, assem-
 17 bly, or original installation of the property.

18 “(2) QUALIFIED ENERGY PROPERTY.—
 19 “(A) IN GENERAL.—The term ‘qualified
 20 energy property’ means—

1 “(i) energy-efficient building property,

2 “(ii) solar hot water property, and

3 “(iii) photovoltaic property.

4 “(B) SWIMMING POOL, ETC., USED AS
5 STORAGE MEDIUM; SOLAR PANELS.—For pur-
6 poses of this paragraph, the provisions of sub-
7 paragraphs (D) and (E) section 199(d)(1) shall
8 apply.

9 “(C) REQUIRED STANDARDS.—Property
10 described under subparagraph (A) shall meet
11 the performance and quality standards and cer-
12 tification standards of paragraphs (1)(D) and
13 (2) of section 199(e).

14 “(3) ENERGY-EFFICIENT BUILDING PROP-
15 erty.—The term ‘energy-efficient building property’
16 has the same meaning given the terms ‘Tier 2 en-
17 ergy-efficient property’ and ‘Tier 1 energy-efficient
18 property’ in paragraphs (2) and (3) of section
19 199(d), respectively.

20 “(4) SOLAR HOT WATER PROPERTY.—The term
21 ‘solar hot water property’ means property which,
22 when installed in connection with a structure, uses
23 solar energy for the purpose of providing hot water
24 for use within such structure.

1 “(5) PHOTOVOLTAIC PROPERTY.—The term
2 ‘photovoltaic property’ has the same meaning given
3 such term in section 199(d)(1)(C).

4 “(6) RESIDENCE.—For purposes of paragraph
5 (1)(B), the term ‘residence’ has the same meaning
6 as when the term ‘principal residence’ is used in sec-
7 tion 121, except no ownership requirement shall be
8 imposed.

9 “(7) HIGHLY ENERGY-EFFICIENT PRINCIPAL
10 RESIDENCE.—

11 “(A) IN GENERAL.—Property is a highly
12 energy-efficient principal residence if—

13 “(i) such property is located in the
14 United States,

15 “(ii) the use of such property com-
16 mences with the taxpayer and is, at the
17 time of such use, the principal residence of
18 the taxpayer, and

19 “(iii) such property is certified before
20 such use commences as being 50 percent
21 property or 30 percent property.

22 “(B) 50 OR 30 PERCENT PROPERTY.—

23 “(i) IN GENERAL.—For purposes of
24 subparagraph (A), property is 50 percent
25 property or 30 percent property if the pro-

1 jected heating and cooling energy usage of
2 such property, measured in terms of aver-
3 age annual energy cost to taxpayer, is re-
4 duced by 50 percent, or 30 percent, respec-
5 tively, in comparison to the energy usage
6 of the standard design reference house as
7 determined using the procedures under
8 clause (iv).

9 “(ii) STANDARD DESIGN REFERENCE
10 HOUSE.—For purposes of this paragraph,
11 the term ‘standard design reference house’
12 means a dwelling which conforms with the
13 standards of chapter 4 of the 2000 Inter-
14 national Energy Conservation Code of the
15 International Code Council and the min-
16 imum equipment efficiency standards pro-
17 mulgated by the Department of Energy
18 under the National Appliance Energy Con-
19 servation Act.

20 “(iii) ENERGY EFFICIENT REFERENCE
21 HOUSE.—For purposes of this paragraph,
22 the term ‘energy efficient reference house’
23 means a design of a dwelling which uses
24 the same heating fuel type as the proposed
25 design and which uses minimum standards

1 equipment, as required by the Department
2 of Energy under the National Appliance
3 Energy Conservation Act and which
4 achieves, on average over fuel type and
5 house geometry, the required 30 percent or
6 50 percent reductions in annual energy
7 cost as calculated using the procedures
8 under clause (iv).

9 “(iv) PROCEDURES.—

10 “(I) IN GENERAL.—For purposes
11 of clause (i), energy usage shall be
12 demonstrated either by a component-
13 based approach or a performance-
14 based approach.

15 “(II) COMPONENT APPROACH.—

16 Compliance by the component ap-
17 proach is achieved when all of the
18 components of the house comply with
19 the requirements of prescriptive pack-
20 ages established by the Secretary of
21 Energy, in consultation with the Ad-
22 ministrator of the Environmental Pro-
23 tection Agency, such that they are
24 equivalent, for the strong majority of
25 houses which can use this method, to

1 the results of using the performance-
2 based approach of subclause (III) to
3 achieve the required reduction in en-
4 ergy usage.

5 “(III) PERFORMANCE-BASED AP-
6 PROACH.—Performance-based compli-
7 ance shall be demonstrated in terms
8 of equivalent or less energy usage
9 when compared to the energy efficient
10 reference house of the same heating
11 fuel type as the taxpayer’s house or
12 through an alternate method pre-
13 scribed by the Secretary which yields
14 equivalent results.

15 “(IV) COMPUTER SOFTWARE.—
16 Computer software shall be used in
17 support of performance-based compli-
18 ance under subclause (III) and such
19 software shall meet all of the proce-
20 dures and methods for calculating en-
21 ergy savings reductions that are pro-
22 mulgated by the Secretary of Energy.
23 Such regulations on the specifications
24 for software and verification protocols
25 shall be based on the 1998 California

1 Residential Alternative Calculation
2 Method Approval Manual.

3 “(V) FUEL PARITY.—In the case
4 of both the component and the per-
5 formance-based approaches, and any
6 software used in support of such ap-
7 proach, the Secretary shall assure fuel
8 parity by requiring both the energy ef-
9 ficient reference house and the pre-
10 scriptive package under subclause (II)
11 to employ the same envelope energy
12 efficiency measures for a house heated
13 by a gas furnace as for a house heat-
14 ed by an electric air source heat pump
15 or by an oil furnace or boiler; and, for
16 equipment efficiency, to employ elec-
17 tric, oil, or gas equipment efficiency of
18 corresponding efficiency improvement.
19 Such determination of corresponding
20 efficiency improvement shall be made
21 on a linear scale between the min-
22 imum standard equipment efficiency
23 and the best available marketplace
24 technology efficiency as determined by
25 the Secretary after considering the in-

1 formation provided by the Air Condi-
2 tioning and Refrigeration Institute
3 (ARI) and the Gas Appliance Manu-
4 facturers Association (GAMA) guides
5 for the respective electric, oil, and
6 natural gas equipment of such type
7 (such as heating and cooling).

8 “(VI) APPROVAL OF SOFTWARE
9 SUBMISSIONS.—The Secretary shall
10 approve software submissions that
11 comply with the calculation require-
12 ments of subclause (IV).

13 “(VII) PROCEDURES FOR IN-
14 SPECTION AND TESTING OF HOMES.—
15 The Secretary shall ensure that proce-
16 dures for the inspection and testing
17 for compliance comply with the cal-
18 culation requirements under subclause
19 (IV).

20 “(C) DETERMINATIONS OF COMPLIANCE.—
21 A determination of compliance made for the
22 purposes of this paragraph shall be filed with
23 the Secretary within 1 year of the date of such
24 determination and shall include the TIN of the
25 certifier, the address of the building in compli-

1 ance, and the identity of the person for whom
2 such determination was performed. Determina-
3 tions of compliance filed with the Secretary
4 shall be available for inspection by the Sec-
5 retary of Energy.

6 “(D) COMPLIANCE.—

7 “(i) IN GENERAL.—The Secretary, in
8 consultation with the Secretary of Energy
9 shall establish requirements for certifi-
10 cation and compliance procedures after ex-
11 amining the requirements for energy con-
12 sultants and home energy ratings providers
13 specified by the Mortgage Industry Na-
14 tional Accreditation Procedures for Home
15 Energy Rating Systems.

16 “(ii) INDIVIDUALS QUALIFIED TO DE-
17 TERMINE COMPLIANCE.—Individuals quali-
18 fied to determine compliance shall be only
19 those individuals who are recognized by an
20 organization certified by the Secretary for
21 such purposes. The Secretary may qualify
22 a Home Energy Rating Systems Organiza-
23 tion, a local building code agency, a State
24 or local energy office, a utility, or other or-

1 ganizations which meet the requirements
2 prescribed under this section.

3 “(E) PRINCIPAL RESIDENCE.—For pur-
4 poses of this paragraph, the term ‘principal res-
5 idence’ has the same meaning as when used in
6 section 121, except that the period for which a
7 building is treated as the principal residence of
8 the taxpayer shall also include the 60-day pe-
9 riod ending on the 1st day on which it would
10 (but for this subparagraph) first be treated as
11 a principal residence.

12 “(d) SPECIAL RULES.—For purposes of this
13 section—

14 “(1) DOLLAR AMOUNTS IN CASE OF JOINT OC-
15 CUPANCY.—In the case of any dwelling unit which if
16 jointly occupied and used during any calendar year
17 as a residence by 2 or more individuals the following
18 rules shall apply:

19 “(A) The amount of the credit allowable
20 under subsection (a) by reason of expenditures
21 made during such calendar year by any of such
22 individuals with respect to such dwelling unit
23 shall be determined by treating all of such indi-
24 viduals as 1 taxpayer whose taxable year is
25 such calendar year.

1 “(B) There shall be allowable with respect
2 to such expenditures to each of such individ-
3 uals, a credit under subsection (a) for the tax-
4 able year in which such calendar year ends in
5 an amount which bears the same ratio to the
6 amount determined under subparagraph (A) as
7 the amount of such expenditures made by such
8 individual during such calendar year bears to
9 the aggregate of such expenditures made by all
10 of such individuals during such calendar year.

11 “(2) TENANT-STOCKHOLDER IN COOPERATIVE
12 HOUSING CORPORATION.—In the case of an indi-
13 vidual who is a tenant-stockholder (as defined in sec-
14 tion 216) in a cooperative housing corporation (as
15 defined in such section), such individual shall be
16 treated as having made his tenant-stockholder’s pro-
17 portionate share (as defined in section 216(b)(3)) of
18 any expenditures of such corporation and such credit
19 shall be allocated pro rata to such individual.

20 “(3) CONDOMINIUMS.—

21 “(A) IN GENERAL.—In the case of an indi-
22 vidual who is a member of a condominium man-
23 agement association with respect to a condo-
24 minium which he owns, such individual shall be
25 treated as having made his proportionate share

1 of any expenditures of such association and any
2 credit shall be allocated appropriately.

3 “(B) CONDOMINIUM MANAGEMENT ASSO-
4 CIATION.—For purposes of this paragraph, the
5 term ‘condominium management association’
6 means an organization which meets the require-
7 ments of paragraph (1) of section 528(c) (other
8 than subparagraph (E) thereof) with respect to
9 a condominium project substantially all of the
10 units of which are used as residences.

11 “(4) JOINT OWNERSHIP OF ENERGY ITEMS.—

12 “(A) IN GENERAL.—Any expenditure oth-
13 erwise qualifying as a residential energy prop-
14 erty expenditure shall not be treated as failing
15 to so qualify merely because such expenditure
16 was made with respect to 2 or more dwelling
17 units.

18 “(B) LIMITS APPLIED SEPARATELY.—In
19 the case of any expenditure described in sub-
20 paragraph (A), the amount of the credit allow-
21 able under subsection (a) shall (subject to para-
22 graph (1)) be computed separately with respect
23 to the amount of the expenditure made for each
24 dwelling unit.

1 “(5) ALLOCATION IN CERTAIN CASES.—If less
2 than 80 percent of the use of an item is for nonbusi-
3 ness purposes, only that portion of the expenditures
4 for such item which is properly allocable to use for
5 nonbusiness purposes shall be taken into account.
6 For purposes of this paragraph, use for a swimming
7 pool shall be treated as use which is not for nonbusi-
8 ness purposes.

9 “(6) COORDINATION WITH OTHER CREDITS.—
10 Property which would, but for this paragraph, be eli-
11 gible for credit under more than one provision of
12 this section shall be eligible only under one such pro-
13 vision, the provision specified by the taxpayer.

14 “(7) WHEN EXPENDITURE MADE; AMOUNT OF
15 EXPENDITURE.—

16 “(A) IN GENERAL.—Except as provided in
17 subparagraph (B), an expenditure with respect
18 to an item shall be treated as made when the
19 original installation of the item is completed.

20 “(B) EXPENDITURES PART OF BUILDING
21 CONSTRUCTION.—In the case of an expenditure
22 in connection with the construction of a struc-
23 ture, such expenditure shall be treated as made
24 when the original use of the constructed struc-
25 ture by the taxpayer begins.

1 “(8) PROPERTY FINANCED BY SUBSIDIZED EN-
2 ERGY FINANCING.—

3 “(A) REDUCTION OF EXPENDITURES.—

4 “(i) IN GENERAL.—For purposes of
5 determining the amount of residential en-
6 ergy property expenditures made by any
7 individual with respect to any dwelling
8 unit, there shall not be taken in to account
9 expenditures which are made from sub-
10 sidized energy financing.

11 “(ii) SUBSIDIZED ENERGY FINANC-
12 ING.—For purposes of clause (i), the term
13 ‘subsidized energy financing’ has the same
14 meaning given such term in section
15 48(a)(4)(C).

16 “(B) DOLLAR LIMITS REDUCED.—The dol-
17 lar amounts in the table contained in subsection
18 (b)(1) with respect to each property purchased
19 for such dwelling unit for any taxable year of
20 such taxpayer shall be reduced proportionately
21 by an amount equal to the sum of—

22 “(i) the amount of the expenditures
23 made by the taxpayer during such taxable
24 year with respect to such dwelling unit and

1 not taken into account by reason of sub-
2 paragraph (A), and

3 “(ii) the amount of any Federal,
4 State, or local grant received by the tax-
5 payer during such taxable year which is
6 used to make residential energy property
7 expenditures with respect to the dwelling
8 unit and is not included in the gross in-
9 come of such taxpayer.

10 “(e) BASIS ADJUSTMENTS.—For purposes of this
11 subtitle, if a credit is allowed under this section for any
12 expenditure with respect to any property, the increase in
13 the basis of such property which would (but for this sub-
14 section) result from such expenditure shall be reduced by
15 the amount of the credit so allowed.

16 “(f) TERMINATION.—This section shall not apply
17 with respect to any taxable years beginning after Decem-
18 ber 31, 2006.”.

19 (b) CONFORMING AMENDMENTS.—

20 (1) Subsection (a) of section 1016 of such Code
21 as amended by section 2(b)(3), is amended by strik-
22 ing “and” at the end of paragraph (27), by striking
23 the period at the end of paragraph (28) and insert-
24 ing “, and”, and by adding at the end the following
25 new paragraph:

1 “(29) to the extent provided in section 25B(e),
2 in the case of amounts with respect to which a credit
3 has been allowed under section 25B.”.

4 (2) The table of sections for subpart A of part
5 IV of subchapter A of chapter 1 of such Code is
6 amended by inserting after the item relating to sec-
7 tion 25A the following new item:

 “Sec. 25B. Nonbusiness energy property.”.

8 (c) EFFECTIVE DATE.—The amendments made by
9 this section shall apply to expenditures made after Decem-
10 ber 31, 2000.

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