

1 H.781

2 Introduced by Committee on Natural Resources and Energy

3 Date:

4 Subject: Renewable energy; public service; natural resources; permitting;
5 stormwater; appeals; net metering systems; military installations;
6 SPEED standard offer; agricultural methane

7 Statement of purpose: This bill proposes to allow renewable energy plants
8 installed by the military department or National Guard to qualify for net
9 metering if the plant capacity is 2.2 MW or less; to provide that agricultural
10 methane or “cow power” electricity generation plants in existence as of
11 September 30, 2009, shall be eligible for a standard offer under the public
12 service board’s SPEED program; to require the public service board to apply
13 existing simplified permit review and interconnection procedures for net
14 metering systems of 150 kilowatts capacity or less to all renewable energy
15 plants that are at or under that capacity; to require the public service board to
16 develop simplified permit review and interconnection procedures for all
17 renewable energy plants that range from 150 kilowatts through 2.2 megawatts
18 in capacity; to extend the business solar tax credit for investments made for
19 solar plants of 2.2 megawatts capacity or less that file complete petitions for
20 certificates of public good on or before July 15, 2010; to provide that
21 hydroelectric energy generation of any capacity is considered renewable
22 energy; to conform the state’s minimum efficiency standard for medium

1 voltage distribution transformers to federal requirements; to provide that the
2 Vermont department of environmental conservation shall finally adopt and put
3 into effect by February 1, 2011, alternative stormwater measures for high
4 elevation renewable energy projects; and to provide that appeals of
5 environmental and municipal permits for a renewable energy plant shall be to
6 the public service board instead of the environmental court, with the option to
7 be consolidated with that board's review of the plant under 30 V.S.A. § 248.

8 An act relating to renewable energy

9 It is hereby enacted by the General Assembly of the State of Vermont:

10 * * * Net Metering; Military Installation * * *

11 Sec. 1. 30 V.S.A. § 219a(m) is added to read:

12 (m) A facility for the generation of electricity to be consumed primarily by
13 the military department established under 3 V.S.A. § 212 and 20 V.S.A.
14 § 361(a) or the National Guard as defined in 32 U.S.C. § 101(3), and installed
15 on property of the military department or National Guard located in Vermont,
16 shall be considered a net metering system for purposes of this section if it has a
17 capacity of 2.2 MW (AC) or less and meets the provisions of subdivisions
18 (a)(3)(B) through (E) of this section. Such a facility shall not be subject to and
19 shall not count toward the capacity limits of subdivisions (a)(3)(A) (no more
20 than 250 kW) and (h)(1)(A) (two percent of peak demand) of this section.

1 * * * Existing Farm Methane Plants * * *

2 Sec. 2. FINDINGS

3 The general assembly finds that:

4 (1) Vermont has received and continues to receive significant and
5 unique benefits from the use by electric utilities of agricultural methane
6 electric generation plants, sometimes called “cow power,” to support voluntary
7 renewable energy pricing programs under 30 V.S.A. § 8003.

8 (2) In addition to the production of electric energy through a renewable
9 fuel source, these farm methane projects have served as pioneers and
10 laboratories for the technology of producing electricity through anaerobic
11 digestion of wastes from farm animals and other sources.

12 (3) These existing farm methane projects have hosted studies and pilot
13 projects related to the economics of electric energy production through
14 anaerobic digestion of wastes, the use of lake weeds as digester feedstock, a
15 computerized digester monitoring and control system, and the use of digester
16 effluent to grow algae for use as biofuel, among others.

17 (4) These existing farm methane projects also have generated significant
18 public interest in renewable energy. Three projects in the service area of
19 Central Vermont Public Service Corp. have generated a total of roughly 20,000
20 visitors. In addition, some of these existing farm methane projects have
21 received extensive national and international press coverage.

1 (5) These existing farm methane projects create other benefits to
2 Vermont such as support of its farm economy and working landscape, odor
3 control, and nutrient management to reduce negative impacts on state waters.

4 (6) In part because of the success demonstrated by these projects, in
5 2009, the general assembly enacted amendments to section 30 V.S.A. § 8005
6 to require the public service board to create and implement a “standard offer”
7 program for contracts with new renewable energy plants with a plant capacity
8 of 2.2 MW or less.

9 (7) The 2009 legislation set the default price for an eligible agricultural
10 methane plant at \$0.12 per kilowatt-hour (kWh), which the public service
11 board subsequently increased to \$0.141 per kWh.

12 (8) While these prices are available to new farm methane plants under
13 the standard offer, the existing farm methane projects that helped to pave the
14 way for this initiative are experiencing serious economic losses because the
15 structure of the prices paid to these projects is dependent on the wholesale
16 electric energy market, and the price for power on that market has dropped
17 significantly. The public service board has approved an interim, six-month
18 plan to stem these losses, but a longer term solution is required.

19 Sec. 3. 30 V.S.A. § 8005(b)(2)(F) is added to read:

20 (F) Notwithstanding any other provision of this section, on and after
21 July 1, 2010, a standard offer shall be available for a qualifying existing plant.

1 (i) For the purpose of this subdivision, “qualifying existing plant”
2 means a plant that meets all of the following:

3 (I) The plant was commissioned on or before September 30,
4 2009.

5 (II) The plant generates electricity using methane derived from
6 an agricultural operation and has a plant capacity of 2.2 MW or less.

7 (III) On or before September 30, 2009, the plant owner had a
8 contract with a Vermont retail electricity provider to supply energy from the
9 plant in connection with a renewable energy pricing program approved under
10 section 8003 of this title.

11 (ii) Plant capacity of a plant accepting a standard offer pursuant to
12 this subdivision (2)(F) shall not be counted toward the 50-MW amount under
13 this subsection (b).

14 (iii) Award of a standard offer under this subdivision (2)(F) shall
15 be on condition that the plant owner and the retail electricity provider agree to
16 modify any existing contract between them described under subdivision (i)(III)
17 of this subdivision (2)(F) so that the contract no longer requires energy from
18 the plant to be provided to the retail electricity provider. Those provisions of
19 such a contract that concern tradeable renewable energy credits associated with
20 the plant may remain in force.

21 (iv) The price and term of a standard offer contract under this
22 subdivision (2)(F) shall be the same, as of the date such a contract is executed,

1 as the price and term otherwise in effect under this subsection (b) for a plant
2 that uses methane derived from an agricultural operation. However, the board
3 by June 30, 2010, may set a different price for a standard offer contract under
4 this subdivision (2)(F) if it determines that such a different price will result in
5 an economic benefit to a qualifying existing plant that is equivalent to the
6 benefit otherwise received under this subsection (b) by a standard offer plant
7 that uses methane derived from an agricultural operation. In making such a
8 determination, the board shall consider the qualifying existing plants as one
9 separate category, apply the criteria of subdivisions (2)(B)(i)(I) and (II) of this
10 subsection (b) to the qualifying existing plants, and consider other relevant
11 economic circumstances of those plants, including any existing contract
12 provisions related to tradeable renewable energy credits.

13 * * * Permitting of Renewable Energy Projects; Interconnection * * *

14 Sec. 4. 30 V.S.A. § 8005(i) is amended to read:

15 (i) With respect to standard offers under this section, the board shall
16 determine whether its existing rules sufficiently address ~~interconnection,~~
17 metering, and the allocation of metering ~~and interconnection~~ costs, and make
18 such rule revisions as needed to implement the standard offer requirements of
19 this section.

1 Sec. 5. 30 V.S.A. § 8007 is added to read:

2 § 8007. SMALL RENEWABLE ENERGY PLANTS; SIMPLIFIED

3 PROCEDURES

4 (a) The same application form, rules, and procedures that the board applies
5 to net metering systems of 150 kilowatts (kW) or less under sections 219a and
6 248 of this title shall apply to the review under section 248 of this title of any
7 renewable energy plant with a plant capacity of 150 kW or less and to the
8 interconnection of such a plant with the system of a Vermont retail electricity
9 provider. This requirement includes any waivers of criteria under section 248
10 of this title made pursuant to section 219a of this title.

11 (b) With respect to renewable energy plants that have a plant capacity that
12 is greater than 150 kW and is 2.2 MW or less, the board shall establish by rule
13 or order standards and procedures governing application for, and issuance or
14 revocation of, a certificate of public good for such a plant under the provisions
15 of section 248 of this title, and the interconnection of such a plant with the
16 system of a Vermont retail electricity provider.

17 (1) In developing such rules or orders, the board:

18 (A) Shall waive the requirements of section 248 of this title that are
19 not applicable to such a plant, including, for a plant that is not owned by a
20 Vermont retail electricity provider, criteria that are generally applicable to such
21 a provider.

1 (B) May modify notice and hearing requirements of this title as it
2 deems appropriate.

3 (C) Shall simplify the petition and review process as appropriate.

4 (2) Notwithstanding 1 V.S.A. §§ 213 and 214, a petitioner whose
5 petition under section 248 of this title is pending as of the effective date of a
6 board rule or order under subsection (b) of this section may elect to apply the
7 standards and procedures of such a rule or order to the pending petition if the
8 petition pertains to a renewable energy plant with a plant capacity that is
9 greater than 150 kW and is 2.2 MW or less.

10 Sec. 6. RULES; CONFORMANCE; ORDER; INITIAL ADOPTION

11 (a) As of the effective date of this act, 30 V.S.A. § 8007(a) shall supersede
12 any contrary provisions of the rules of the public service board. No later than
13 December 31, 2010, the board shall conform its rules to the requirements of
14 30 V.S.A. § 8007(a).

15 (b) No later than September 1, 2010, the public service board shall issue an
16 initial order establishing standards and procedures under 30 V.S.A. § 8007(b).
17 Provided that the board meets the September 1 deadline contained in this
18 subsection, the board may combine its consideration of interconnection
19 requirements and procedures under 30 V.S.A. § 8007(b) with consideration of
20 interconnection requirements and procedures applicable to other types of
21 energy plants not described in that subsection.

1 * * * Transfer to Utilities of Standard Offer Contracts * * *

2 Sec. 7. 30 V.S.A. § 8005(k) is amended to read:

3 (k) A Vermont retail electricity provider shall not be eligible for a standard
4 offer contract under subdivision (b)(2) of this section. However, under
5 subdivision (g)(1) of this section, a plant owner may transfer to such a provider
6 all rights associated with a standard offer contract that has been offered to the
7 plant without affecting the plant's status under the standard offer program. In
8 the case of such a transfer of rights, the plant shall not be considered a
9 utility-owned and -operated plant under subdivisions (b)(2) and (g)(2) of this
10 section.

11 * * * Extension of Solar Tax Credit, Solar Energy Plants

12 of 2.2 MW or Less * * *

13 Sec. 8. REPEAL

14 Secs. 9b, 9c, 9d, and 16(2) (prospective repeals of the individual and
15 corporate business solar energy tax credits; transition rules) of No. 45 of the
16 Acts of 2009 are repealed.

17 Sec. 9. 32 V.S.A. § 5822(d) is amended to read:

18 (d)(1) A taxpayer shall be entitled to a credit against the tax imposed under
19 this section of 24 percent of each of the credits allowed against the taxpayer's
20 federal income tax for the taxable year as follows: elderly and permanently
21 totally disabled credit, investment tax credit attributable to the

1 Vermont-property portion of the investment, and child care and dependent care
2 credits.

3 (2) A taxpayer shall also be entitled to a credit against the tax imposed
4 under this section of 76 percent of the Vermont-property portion of the
5 business solar energy investment tax credit component of the federal
6 investment tax credit allowed against the taxpayer's federal income tax for the
7 taxable year under Section 48 of the Internal Revenue Code; provided,
8 however, that a taxpayer who receives any grants or similar funding from the
9 clean energy development fund created under 10 V.S.A. § 6523 is not eligible
10 to claim the business solar energy tax credit for that project; and provided
11 further, that, for investments made on or after October 1, 2009, the tax credit
12 will only apply to project costs not covered by any grants or similar funding
13 from any public or private program that assists in providing capital investment
14 for a renewable energy project. The tax credit under this subdivision shall not
15 apply to investments made after July 15, 2010, unless the investments meet the
16 provisions of either subdivision (A) or (B) of this subdivision.

17 (A) The tax credit under this subdivision (2) shall apply to
18 investments made after July 15, 2010, if all of the following apply:

19 (i) The investments pertain to a solar energy plant that has a plant
20 capacity, as defined in 30 V.S.A. § 8002(13), of 2.2 MW or less.

1 (ii) On or before July 15, 2010, the solar energy plant owner filed
2 a complete petition with the public service board for a certificate of public
3 good under 30 V.S.A. § 248.

4 (iii) On or before September 1, 2011, construction on the solar
5 energy plant is complete and the plant is commissioned or is ready to be
6 commissioned within the meaning of 30 V.S.A. § 8002(11).

7 (B) The tax credit under this subdivision (2) shall apply to
8 investments made after July 15, 2010, if they were made on or before
9 December 31, 2010, and pertain to a net metering system as defined in
10 30 V.S.A. § 219a(a)(3), provided that the system is of no more than 150
11 kilowatts (AC) capacity.

12 (3) Any unused business solar energy investment tax credit under this
13 section may be carried forward for no more than five years following the first
14 year in which the credit is claimed.

15 Sec. 10. 30 V.S.A. § 5930z(a) is amended to read:

16 (a) A taxpayer of this state shall be eligible for a credit against the tax
17 imposed under section 5832 of this title in an amount equal to 100 percent of
18 the Vermont-property portion of the business solar energy investment tax
19 credit component of the federal investment tax credit allowed against the
20 taxpayer's federal income tax for the taxable year under Section 48 of the
21 Internal Revenue Code; provided, however, that a taxpayer who receives any
22 grants or similar funding from the clean energy development fund created

1 under 10 V.S.A. § 6523 is not eligible to claim the business solar energy tax
2 credit for that project; and provided further, that for investments made on or
3 after October 1, 2009, the tax credit will only apply to project costs not
4 covered by any grants or similar funding from any public or private program
5 that assists in providing capital investment for a renewable energy project.

6 The tax credit under this subsection shall not apply to investments made after
7 July 15, 2010, unless the investments meet the provisions of either subdivision
8 (1) or (2) of this subsection.

9 (1) The tax credit under this subsection shall apply to investments made
10 after July 15, 2010, if all of the following apply:

11 (A) The investments pertain to a solar energy plant that has a plant
12 capacity, as defined in 30 V.S.A. § 8002(13), of 2.2 MW or less.

13 (B) On or before July 15, 2010, the solar energy plant owner filed a
14 complete petition with the public service board for a certificate of public good
15 under 30 V.S.A. § 248.

16 (C) On or before September 1, 2011, construction on the solar energy
17 plant is complete and the plant is commissioned or is ready to be
18 commissioned within the meaning of 30 V.S.A. § 8002(11).

19 (2) The tax credit under this subsection shall apply to investments made
20 after July 15, 2010, if they were made on or before December 31, 2010, and
21 pertain to a net metering system as defined in 30 V.S.A. § 219a(a)(3), provided
22 that the system is of no more than 150 kilowatts (AC) capacity.

1 Sec. 11. RENEWABLE ENERGY PROPERTY TAX STUDY COMMITTEE

2 (a) There is created the renewable energy property tax study committee to
3 identify and examine issues regarding the taxation of real property that
4 includes a renewable energy plant.

5 (b) The members of the study committee shall be:

6 (1) The director of property valuation and review, who shall serve as the
7 chair of the committee and shall call the first meeting of the committee on or
8 before August 1, 2010;

9 (2) The commissioner of the department of public service or designee;

10 (3) A representative of the Vermont League of Cities and Towns,
11 appointed by its board of directors;

12 (4) A representative of the Vermont Assessors and Listers Association,
13 appointed by its board of directors;

14 (5) A representative of Renewable Energy Vermont, appointed by its
15 board of directors.

16 (c) No later than January 15, 2011, the committee shall report its findings
17 and analysis to the house committees on ways and means, on commerce and
18 economic development, and on natural resources and energy, and the senate
19 committees on finance, on economic development, housing, and general
20 affairs, and on natural resources and energy. The report shall include specific
21 recommendations with respect to the following:

1 (A) For purposes of this subdivision (2), methane gas and other
2 flammable gases produced by the decay of sewage treatment plant wastes or
3 landfill wastes and anaerobic digestion of agricultural products, byproducts, or
4 wastes shall be considered renewable energy resources, but no form of solid
5 waste, other than agricultural or silvicultural waste, shall be considered
6 renewable.

7 (B) For purposes of this subdivision (2), no form of nuclear fuel shall
8 be considered renewable.

9 (C) ~~For purposes of this chapter, the only energy produced by a~~
10 ~~hydroelectric facility to be considered renewable shall be from a hydroelectric~~
11 ~~facility with a generating capacity of 200 megawatts or less. The only portion~~
12 ~~of electricity produced by a system of generating resources that shall be~~
13 ~~considered renewable is that portion generated by a technology that qualifies as~~
14 ~~renewable under this subdivision (2).~~

15 (D) After conducting administrative proceedings, the board may add
16 technologies or technology categories to the definition of “renewable energy,”
17 provided that technologies using the following fuels shall not be considered
18 renewable energy supplies: coal, oil, propane, and natural gas.

19 * * *

1 * * * Medium Voltage Distribution Transformers;
2 Efficiency Standards * * *

3 Sec. 13. 9 V.S.A. § 2795 is amended to read:

4 § 2795. EFFICIENCY STANDARDS

5 Not later than June 1, 2007, the commissioner shall adopt rules in
6 accordance with the provisions of ~~3-V.S.A.~~ chapter 25 of Title 3 establishing
7 minimum efficiency standards for the types of new products set forth in section
8 2794 of this title. The rules shall provide for the following minimum
9 efficiency standards for products sold or installed in this state:

10 (1) Medium voltage dry-type distribution transformers shall at a
11 minimum meet ~~minimum~~ the efficiency levels ~~three tenths of a percentage~~
12 ~~point higher than the Class 1 efficiency levels for medium voltage distribution~~
13 ~~transformers specified in Table 4-2 of the “Guide for Determining Energy~~
14 ~~Efficiency for Distribution Transformers” published by the National Electrical~~
15 ~~Manufacturers Association (NEMA Standard TP-1-2002)~~ requirements set
16 forth for such transformers in 10 C.F.R. § 431.196, as those requirements may
17 be amended from time to time.

18 * * *

1 * * * Stormwater Permitting; Wind Energy Plants * * *

2 Sec. 14. Sec. 43 of No. 54 of the Acts of 2009 is amended to read:

3 Sec. 43. ALTERNATIVE GUIDANCE FOR STORMWATER
4 PERMITTING; WIND FACILITIES

5 To facilitate responsible development of renewable energy projects in
6 high-elevation settings, the Vermont department of environmental
7 conservation shall consult with project developers and interested stakeholders
8 and, ~~by January 15, 2010 or in the process currently under way to update the~~
9 ~~Vermont stormwater management manual, whichever occurs first, amend its~~
10 ~~rules or the stormwater management manual, pursuant to chapter 25 of Title 3,~~
11 ~~to~~ no later than February 1, 2011, finally adopt and put into effect amended
12 rules and revisions to the Vermont stormwater management manual that
13 include alternative ~~guidance~~ requirements for operational-phase stormwater
14 permitting of renewable energy projects located in high-elevation settings.
15 Such alternative ~~guidance~~ requirements shall include ~~consideration of~~
16 measures that minimize the extent and footprint of stormwater-treatment
17 practices so as to preserve vegetation and trees and limit disturbances; that
18 ~~reflect~~ reduce the impact of such practices on the fragile ecosystems, shallow
19 soils, and sensitive streams found in high-elevation settings; and that reflect the
20 temporary nature and infrequent use of construction and access roads to such
21 projects.

1 * * * Consolidation of Environmental and Municipal Appeals for
2 Renewable Energy Plants with Public Service Board Review * * *

3 Sec. 15. 10 V.S.A. § 8501 is amended to read:

4 § 8501. PURPOSE

5 It is the purpose of this chapter to:

6 (1) Consolidate existing appeal routes for municipal zoning and
7 subdivision decisions and acts or decisions of the secretary of natural
8 resources, district environmental coordinators, and district commissions,
9 excluding enforcement actions brought pursuant to chapters 201 and 211 of
10 this title and the adoption of rules under ~~3 V.S.A.~~ chapter 25 of Title 3.

11 (2) Standardize the appeal periods, the parties who may appeal these
12 acts or decisions, and the ability to stay any act or decision upon appeal, taking
13 into account the nature of the different programs affected.

14 (3) Encourage people to get involved in the Act 250 permitting process
15 at the initial stages of review by a district commission by requiring
16 participation as a prerequisite for an appeal of a district commission decision to
17 the environmental court.

18 (4) Assure that clear appeal routes exist for acts and decisions of the
19 secretary of natural resources.

20 (5) Consolidate appeals of decisions related to renewable energy
21 generation plants with review by the public service board under 30 V.S.A.
22 § 248.

1 Sec. 16. 10 V.S.A. § 8504 is amended to read:

2 § 8504. APPEALS TO THE ENVIRONMENTAL COURT

3 (a) Act 250 and agency appeals. Within 30 days of the date of the act or
4 decision, any person aggrieved by an act or decision of the secretary, a district
5 coordinator, or a district commission under the provisions of law listed in
6 section 8503 of this title, or any party by right, may appeal to the
7 environmental court, except for an act or decision of the secretary governed by
8 section 8506 of this title.

9 * * *

10 Sec. 17. 10 V.S.A. § 8506 is added to read:

11 § 8506. RENEWABLE ENERGY PLANT; APPEALS

12 (a) Within 30 days of the date of the act or decision, any person aggrieved
13 by an act or decision of the secretary, under the provisions of law listed in
14 section 8503 of this title, or any party by right may appeal to the public service
15 board if the act or decision concerns a renewable energy plant for which a
16 certificate of public good is required under 30 V.S.A. § 248.

17 (b) For the purpose of this section, “board,” “plant,” and “renewable
18 energy” have the same meaning as under 30 V.S.A. § 8002.

19 (c) The provisions of subdivisions 8504(c)(2) (notice of appeal) and
20 (f)(1)(A) (automatic stays of certain permits), (j) (appeals to discharge under a
21 general permit), and (n) (intervention) of this title shall apply to appeals under
22 this section.

1 (d) The public service board may consolidate or coordinate appeals under
2 this section with each other and with proceedings under 30 V.S.A. § 248,
3 where those appeals and proceedings all relate to the same project, unless such
4 consolidation or coordination would be clearly unreasonable. This authority to
5 consolidate or coordinate appeals and proceedings shall not confer authority to
6 alter the substantive standards at issue in an appeal or proceeding.

7 (e) In an appeal under this section, the public service board, applying the
8 substantive standards that were applicable before the secretary, shall hold a de
9 novo hearing on those issues which have been appealed.

10 (f) 30 V.S.A. §§ 9 (court of record), 10 (service of process), 11 (pleadings;
11 rules of practice; findings of fact), and 12 (review by supreme court) shall
12 apply to appeals under this section.

13 Sec. 18. 30 V.S.A. § 223 is amended to read:

14 § 223. APPEAL FROM MUNICIPAL AUTHORITIES

15 A person or corporation aggrieved by an order or decision of the municipal
16 authorities made under the provisions of any statute, relative to the granting of
17 a license or permit for location or to activity associated with a renewable
18 energy plant for which a certificate of public good is required under section
19 248 of this title, may appeal therefrom to the public service board at any time
20 within 30 days from the date of such order or decision. The right of appeal
21 established under this section shall be exclusive for orders or decisions to
22 which it applies. Included in the right of appeal established under this section

1 is an act or decision of a municipal authority under 19 V.S.A. § 1111
2 (permitted use of the right-of-way), 23 V.S.A. § 1400a (local highway and
3 bridge overweight permits), and ordinances and rules adopted under chapter 59
4 of Title 24, if the act or decision pertains to a renewable energy plant for which
5 a certificate of public good is required under section 248 of this title. In an
6 appeal under this section, the board shall hold a de novo hearing, applying the
7 substantive standards that were applicable before the municipal authority from
8 which the appeal is taken. After notice and public hearing of all parties
9 interested, as provided in section 208 of this title, the decision of the board
10 thereon shall be final, subject to a right to transfer such cause to the supreme
11 court as provided by section 12 of this title. In the case of a renewable energy
12 plant for which a certificate of public good is required under section 248 of this
13 title, the board may consolidate or coordinate appeals under this section with
14 each other and with proceedings under section 248, where those appeals and
15 proceedings all relate to the same project, unless such consolidation or
16 coordination would be clearly unreasonable. This authority to consolidate or
17 coordinate appeals and proceedings shall not confer authority to alter the
18 substantive standards at issue in an appeal or proceeding. For the purpose of
19 this section, “plant” and “renewable energy” have the same meaning as under
20 section 8002 of this title.

1 Sec. 19. EFFECTIVE DATE

2 This act shall take effect on passage, except that Sec. 12 shall take effect on

3 July 1, 2012.