Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

5.100 REGULATIONSRULE PERTAINING TO CONSTRUCTION AND OPERATION OF NET-METERING SYSTEMS

5.101 Purpose and Scope

TABLE OF CONTENTS

PART	Γ I: GENERAL PROVISIONS	6
5.101	Purpose and Scope	6
5.102	Computation of Time	6
5.103	Definitions	7
PAR'	Γ II: REGISTRATIONS AND APPLICATIONS FOR CPGS	_22
5.104	Eligibility	22
5.105	Registration of Hydroelectric Facilities, Ground-Mounted Photovoltaic Facilities of up to 15 kW	in
	Capacity, and Roof-Mounted Photovoltaic Net-Metering Systems of Any Capacity Up to 500 kW	24
5.106	Applications for Ground-Mounted Photovoltaic Net-Metering Systems Greater Than 15 kW and	Up
	to and Including 50 kW and for Facilities Using Other Technologies Up to and Including 50 kW	26
5.107	Applications for Net-Metering Systems Greater Than 50 kW That Are Not Roof- Mounted	
	Photovoltaic Systems or Hydroelectric Facilities	34
5.108	Amendments to Pending Registrations and Applications	43
5.109	Amendments to Approved Net-Metering Systems	43
5.110	Transfer and Abandonment of CPGs	44
5.111	Substantive Criteria of 30 V.S.A. § 248(b) Applicable to Net-Metering CPG Registrations and	
	Applications	45
5.112	Aesthetic Evaluation of Net-Metering Projects	46
	T III: PARTICIPATING IN THE REVIEW OF APPLICATIONS FOR CPGS	_50
5.113	Obtaining Information About a Net-Metering CPG Application	_50
5.114	Rules and Processes Applicable to the Review of Net-Metering CPG Applications	50
5.115	Submission of Public Comments Party States in Nat Materiae GPC Proceedings	50
5.116	Party Status in Net-Metering CPG Proceedings	51 52
5.117	Requests for Hearing	
5.118	Circumstances When the Board Will Conduct a Hearing Drahaming Conferences and Status Conferences	53 53
<u>5.119</u>	Prehearing Conferences and Status Conferences Discovery	53 54
5.120 5.121		54 54
5.121	Procedure for Hearings Decisions	54 55
5.122	Appeals of Board Decisions	55 55
5.125	Appeals of Board Decisions	55
PART	Γ IV: THE NET-METERING PROGRAM	56
5.124	Pre-Existing Net-Metering Systems	_56
5.125	Energy Measurement for Net-Metering Systems	50 _59
5.126	Determination of Applicable Rates and Adjustors	63

PSB Rule 5.100 – Relating to Net Metering		Page 1
Effective	e: March 1, 2001	Ç
Revised:	July 1, 2003	
Revised:	November 1, 2007	
Revised:	April 15, 2009	
Revised:	January 27, 2014	
5.127	Biennial Update Proceedings	
5.128	Billing Standards and Procedures	6
5.129	Group System Requirements	6
5.130	Interconnection Requirements	7
5.131	Disconnection of a Net-Metering System	7
5.132	Electric Company Requirements	7
5.133	Electric Company Tariffs	7
5.155	Electric Company Tarms	
PART	V: COMPLIANCE PROCEEDINGS	
5.134	Compliance Proceedings	7

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

PART I: GENERAL PROVISIONS

5.101 Purpose and Scope

(A) This rule establishes the standards and procedures governing Rule governs the terms upon which any electric company offers net-metering service within its service territory. In addition, this Rule governs the application for, and issuance-or, amendment, transfer, and revocation of, a certificate of public good for net-metering systems under the provisions of 30 V.S.A §§ 248, 8002, and 8010.

30 V.S.A §§ 219a, 219b and 248. This rule also incorporates the technical specifications related to interconnection requirements and safety standards for net Except as modified by Section 5.124 (Pre-Existing Net-Metering Systems), this Rule applies to all net-metering systems-

- (B) This rule is applicable to all net metered installations in Vermont, and applies to every person, firm, company, corporation, and municipality engaged in the site preparation, construction, ownership, or operation of any net-metering system which that is or shall become subject to the jurisdiction of this Board.
- (C) 5.102 No person may commence site preparation for or construction of a netmetering system or convert an existing plant into a net-metering system without first obtaining a CPG under this Rule.
- (D) In the event that any portion of this Rule is found by a court of competent

 jurisdiction to be illegal or void, the remainder is unaffected and continues in full
 force and effect.

5.102 Computation of Time

(A) Computation. In computing any period of time prescribed or allowed by this

Rule, by order of the Board, or by any applicable statute, the day from which the

designated period of time begins to run is excluded from the computation. The

last day of the period is included in the computation, unless it is a Saturday, a

Sunday, or a state or federal legal holiday, or a day on which weather or other

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

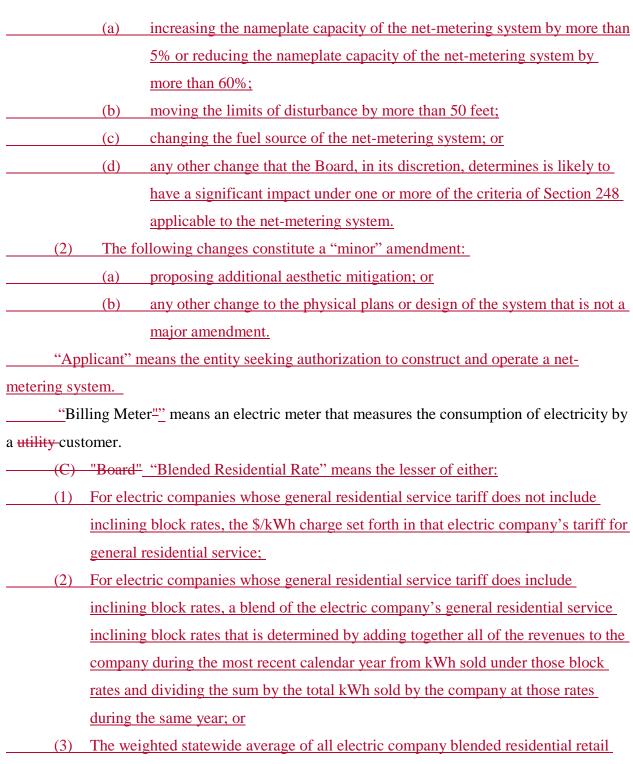
conditions have made the Board's office or the Board's electronic filing system unavailable, in which event the period runs until the end of the next day that is not one of the aforementioned days. Intermediate Saturdays, Sundays, and legal holidays are not counted when the period of time prescribed or allowed is less than 11 days.

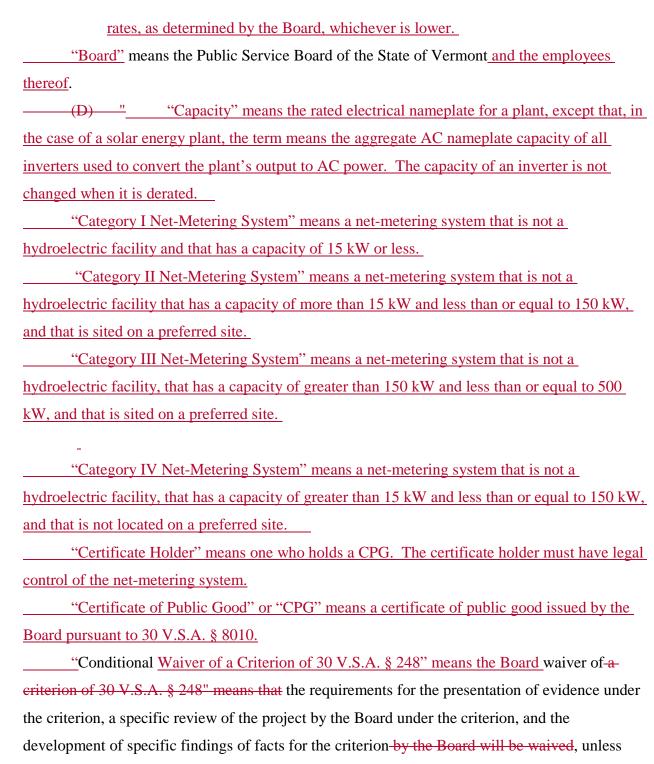
- (B) Enlargement. The Board for cause shown may at any time in its discretion:
 - (1) Grant an extension of time if it is requested before the expiration of the period originally prescribed, or
 - (2) Upon request made after the expiration of the specified period, grant an extension where the failure to act was the result of excusable neglect.

5.103 Definitions-

For the purposes of this ruleRule, the following definitions apply:

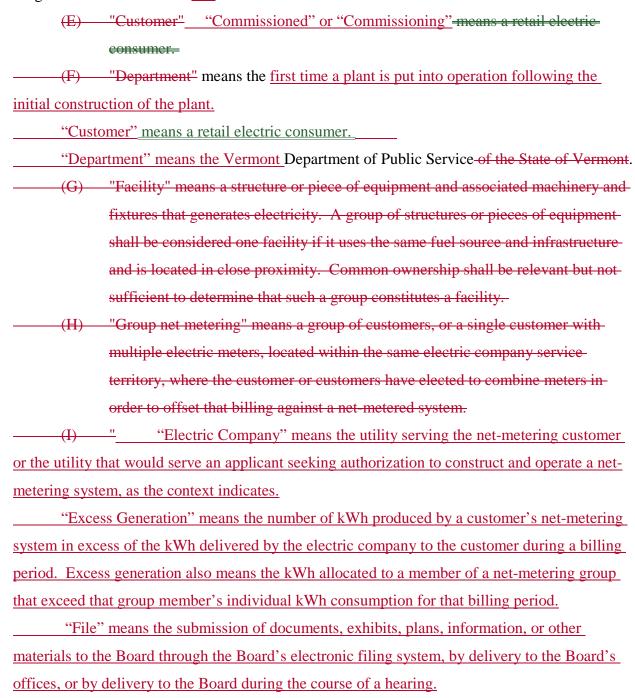
- (A) ""Account" means a unique identifier assigned by the serving electric utilitycompany to a customer for billing purposes. A customer account may include one or more meters.
 - (B) "Adjoining Landowner" means a person who owns land in fee simple that:
 - (1) Shares a property boundary with the tract of land on which a net-metering system is located; or
 - (2) Is adjacent to that tract of land and the two properties are separated only by a river, stream, railroad line, or public highway.
- "Adjustor" means a positive or negative charge applied to production kWh based on factors related to site selection (Site Adjustor) and retention of tradeable renewable energy credits (REC Adjustor).
- "Amendment" means one or more of the following changes to the physical plans or design of a net-metering system. An amendment is either "major" or "minor":
 - (1) The following changes constitute a "major" amendment:



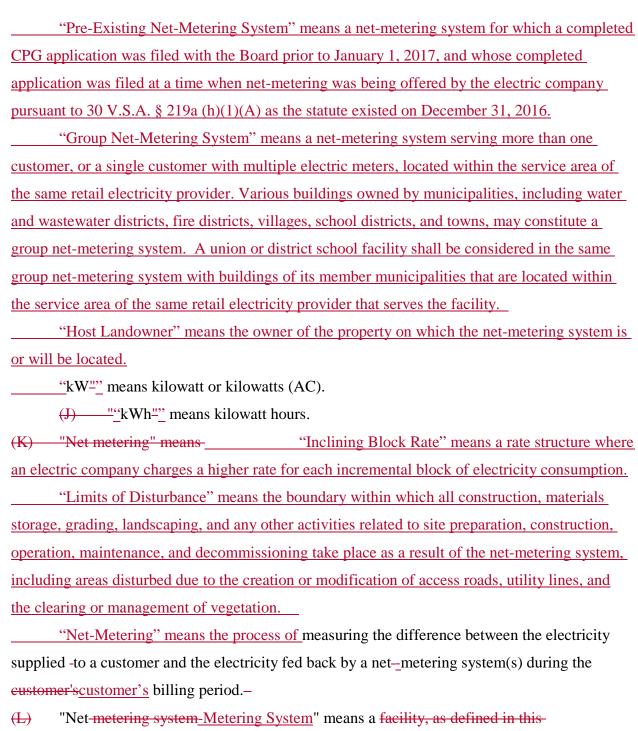


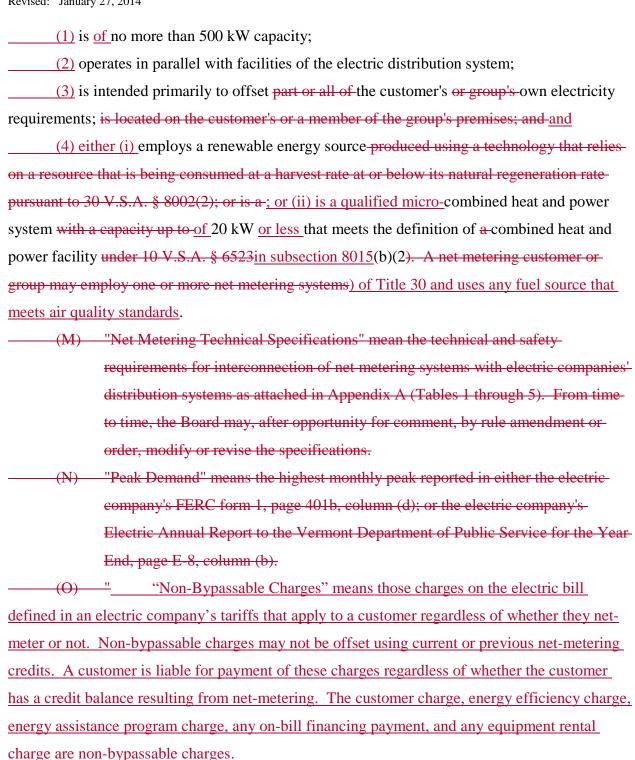
Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

any party, or the Board on its own motion, raises, and the Board finds that the application raises, a significant issue under thethat criterion.



subsection, plant for generation of electricity that:





Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

"Plant" means any person who has obtained party status under Section 5.116 of this Rule.

"Plant" means an independent technical facility that generates electricity from renewable energy. A group of facilities, such as wind turbines, will be considered one plant if the group is part of the same project and uses common equipment and infrastructure, such as roads, control facilities, and connections to the electric grid. Common ownership, control, proximity in time of construction, and proximity of facilities to each other will be relevant to determining whether a group of facilities is part of the same project.

"Preferred Site" means one of the following:

- (1) A new or existing structure whose primary use is not the generation of electricity or providing support for the placement of equipment that generates electricity;
- (2) A parking lot canopy over a paved parking lot, provided that the location remains in use as a parking lot;
- or impervious surface was lawfully in existence and use prior to July 1 of the year preceding the year in which an application for a certificate of public good under this Rule is filed. To qualify under this subdivision (3), the limits of disturbance of a proposed net-metering system must include either the existing structure or impervious surface and may not include any headwaters, streams, shorelines, floodways, rare and irreplaceable natural areas, necessary wildlife habitat, wetlands, endangered species, productive forestlands, or primary agricultural soils, all of which are as defined in 10 V.S.A. chapter 151;
- (4) Land certified by the Secretary of Natural Resources to be a brownfield site as defined under 10 V.S.A. § 6642;
- (5) A sanitary landfill as defined in 10 V.S.A. § 6602, provided that the Secretary of Natural Resources certifies that the land constitutes such a landfill and is suitable for the development of the plant;
- (6) The disturbed portion of a gravel pit, quarry, or similar site for the extraction of a

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

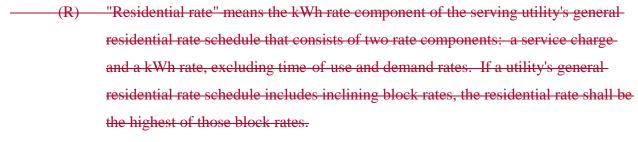
mineral resource, provided that all activities pertaining to site reclamation required by applicable law or permit condition are satisfied prior to the installation of the plant;

- (7) A specific location designated in a duly adopted municipal plan under 24 V.S.A. chapter 117 for the siting of a renewable energy plant or specific type or size of renewable energy plant, provided that the plant meets the siting criteria recommended in the plan for the location;
- (8) A site listed on the National Priorities List (NPL) established under the Comprehensive Environmental Response, Compensation, and Liability Act, 42 U.S.C. chapter 103, if the U.S. Environmental Protection Agency or the Agency of Natural Resources confirms each of the following:
 - (a) The site is listed on the NPL;
 - (b) Development of the plant on the site will not compromise or interfere with remedial action on the site; and
 - (c) The site is suitable for development of the plant;
- (9) On the same parcel as, or directly adjacent to, a customer that has been allocated more than 50 percent of the net-metering system's electrical output. The allocation to the host customer may not be less than 50 percent during each of the first 10 years of the net-metering system's operation.

"Production Meter" means an electric meter that measures the amount of kWh produced by a net-metered generation sourcemetering system.

- (P) "Net Metering Application Form" means the current Board application form for net metering systems in effect at the time the form is filed. From time to time the Board may modify or revise such application form.
- (Q) "Net Metering Registration Form" means the current Board registration form for net-metered photovoltaic systems in effect at the time the form is filed. From time to time the Board may modify or revise such registration form.

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014



- (S) "Technical evidentiary hearing" means a quasi-judicial proceeding, under the Board's Rules of Practice, where all parties have opportunity to present evidence and to cross-examine witnesses presented by other parties.

5.103 Rates, Fees and Payments

Net metered customers shall pay the same rates, fees or other payments and be subject to the same conditions and requirements as all other purchasers from the electric company in the same rate class, except for appropriate and necessary conditions approved by the Board for the safety and reliability of the electric distribution system.

5.104 Energy Measurement for Net Metering Systems

- (A) Electric energy measurement for net metering systems shall be calculated in the following manner:
- 1. The electric company which serves the customer or group shall measure the net electricity produced or consumed during a billing period, in accordance with normal metering practices.
- 2. If, at the end of a billing period, the electricity supplied by the electric company exceeds the electricity generated and fed back to the electric distribution system during the billing period, then the customer or group shall be billed for the net electricity supplied by the electric company, net of any credit accumulated in the preceding 12 months, in accordance with normal metering practices.
- 3. If, at the end of a billing period, the electricity generated by the customer or

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

group exceeds the electricity supplied by the electric company the electric company shall calculate a monetary credit to the customer pursuant to the billing procedures set forth in Section 5.105.

- 4. Any accumulated credits shall be used within 12 months from the month earned or shall revert to the electric company without any compensation to the net metering system customer.
- 5. Any net excess generation reverting to the company shall be considered SPEED resources pursuant to 30 V.S.A. § 8005 and Rule 4.300.
- 6. For net metering systems using time of day, demand or other types of metering, the manner of measurement and the application of bill credits for the electric energy produced or consumed shall be substantially similar to that specified for use with a single non-demand meter.

5.105 Billing Standards and Procedures

- (A) Customer Billing Requirements: The bill of a net metering customer should include the dollar amount of any credits for generation carried forward from the previous months, the dollar amount of credits for generation that have expired in the current month, the dollar amount of credits generated in the current month, the dollar amount of credits for generation remaining, the total kWh generated by the generation facility or facilities (if separately metered), the total kWh allocated to a group net metering customer (if applicable), and the credits for solar generation (if applicable).
 - (B) Membership in Multiple Net Metering Groups: Individual customer accounts may be enrolled in only one group net metering arrangement at one time.

 Customers with multiple accounts may enroll each of the accounts in separate group net metering arrangements at one time. In addition, groups may, subject to

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

Board approval, have more than one generation facility attributed to the group, may increase the capacity of existing generation attributed to the group, and may merge separate groups.

- (C) Demand and Time of Use ("TOU") Customer Interconnection Requirements: In order for a demand or TOU customer to receive credits valued at the utility's residential rate, the customer must, at its own expense, install a separate meter to measure production from the generation source and the generator must be interconnected directly to the utility grid such that the generation does not offset consumption measured by the customer's meter or meters.
- (D) Billing for Customers with One Billing Meter: In the case of a customer account with a Billing Meter measuring net consumption, the billing credit calculation is made by multiplying any excess production registered on the meter by the underlying energy rate for that customer and applying that credit to the customer's bill.
- (E) Billing for Group Systems and Customers with Multiple Billing Meters: In the case of a single customer with multiple Billing Meters or a group of customers where the generation is interconnected to the utility grid such that the generation does not offset consumption of the customer or group, the billing calculation involves allocating the total production associated with the group in the manner prescribed by the group to each group member. Each customer is credited at the underlying energy rate for that customer. In the case of demand or time-of-use customers under this scenario, the calculation is the same except that the customer is credited at the residential rate rather than the demand or TOU energy rate.

 Under this scenario customers are required to install a Production Meter to measure total generation.

In the case of a single customer with multiple Billing Meters or a group of customers where the generation is physically connected to a Billing Meter such

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

that the generation offsets consumption of the customer or group member(s), the billing calculation involves allocating the net production on the Billing Meter(s) in the manner prescribed by the group to each group member. Each customer is credited at the underlying energy rate for that customer. In the case of demand or time of use customers under this scenario, the calculation is the same and the customers are credited at the demand or TOU energy component rate. Under this scenario, installation of a Production Meter is optional.

Customers may allocate kWh credits on a percentage basis to each group member account or they may elect to allocate kWh credits such that the bill of one member or account is first offset, with any additional kWh credits applied to the next-group member(s) or account(s) in an order selected by the customer or group.

(F) Incentives. Bills to net metering customers shall reflect any additional
 incentives or credits required by 30 V.S.A. § 219a or allowed under a tariff
 approved under that statute.

5.106 Group System Requirements

- (A) In addition to any other requirements of 30 V.S.A. §§ 219a and 248 and Board rules, before a group system may be formed and served by an electric company, the group shall file with the Board and all other parties required by the application form, the following information:
 - 1. The meters to be included in the group system, which shall be located within the same electric company service territory;
 - 2. A method for adding and removing meters included in the group system and direction as to the manner in which the electric company shall allocate any credits among the meters included in the system, which allocation subsequently may be changed only on written notice to the company by the person designated under 5.106(A)(3);

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

- 3. A designated person responsible for all communications from the groupsystem to the serving electric company, except for communications related tobilling, payment, and disconnection; and
- 4. A binding process for the resolution of any disputes within the
- group system relating to net metering that does not rely on the serving electric company, the Board, or the Department. This process does not apply to disputes between the electric company and individual group members regarding billing, payment, or disconnection.
- (B) The electric company shall implement appropriate changes to a group system within thirty days after receiving written notification from the person designated under subsection 5.106(A)(3). However, written notification of a change in the person designated under subsection 5.106(A)(3) shall be effective upon receipt by the company. The company shall not be liable for action based on such notification, but shall make any necessary corrections and bill adjustments to implement revised notifications.
- (C) The electric company shall bill directly and send all communications related to billing, payment, and disconnection directly to each individual group member customer account. The usage charges for any account so billed shall be based on the individual meter for the account.
 - (D) If it determines that it would promote the general good, the Board shall permit a noncontiguous group of net metering customers to comprise a group net metering system. In making its determination, the Board shall give due consideration to any comments filed regarding the net metering application.

5.107 Electric Company Requirements

(A) Electric companies:

1. Shall make net metering available to any customer using a net metering system on a first-come, first-served basis until the cumulative output capacity of

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

net metering systems equals 4.0 percent of the distribution company's peak demand during 1996 or the peak demand during the most recent full calendar year, whichever is greater;

- 2. Shall allow net metering systems to be interconnected using a kWh metercapable of registering the flow of electricity in two directions or such othercomparably equipped meter that would otherwise be applicable to the customer'susage but for the use of net metering;
- 3. May, at their own expense, and with the written consent of the customer, install one or more additional meters to monitor the flow of electricity in each direction:
- 4. Shall charge the customer a minimum monthly fee that is the same as other customers of the electric distribution company in the same rate class, but shall not charge the customer any additional standby, capacity, interconnection, or other fee or charge related to net metering;
- 5. May charge reasonable fees for interconnection, establishment, special meterreading, accounting, account correcting and account maintenance of groupsystems and systems greater than 15 kW;
- -6. May charge a reasonable fee to cover the cost of electric company improvements necessary to distribute power if the capacity of the distribution system is determined by the Board to be insufficient for the designed generation;
- 7. May require that all meters included within a group system be read on the same billing cycle;
- 8. May book and defer, with carrying costs, additional incremental costs, to the extent that such costs are not already recovered directly related to implementing group systems and systems greater than 15 kW in capacity.
- (B) All such requirements shall be pursuant to and governed by a tariff approved by the Board and any applicable Board rule or order, which tariffs shall be designed

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

in a manner likely to facilitate net metering.

- (C) Notwithstanding the provisions of section 5.104, an electric company may contract to purchase all or a portion of the output products from a group net metering system, provided:
 - 1. The system obtains a certificate of public good pursuant to section 5.110.
 - 2. Any contracted power shall be subject to the limitations set forth in subsection 5.107(A)1.
 - 3. Any contract shall be subject to interconnection and metering requirements in subsection 5.107(A) and section 5.111.
- 4. Any contract may permit all or a portion "TOU" means time-of-use.

"Tradeable Renewable Energy Credit or REC" means all of the environmental attributes associated with a single unit of energy generated by a renewable energy source where:

- (1) Those attributes are transferred or recorded separately from that unit of energy;
- (2) The party claiming ownership of the tradeable renewable energy credits for which the system is has acquired the exclusive legal ownership of all, and not less than all, the environmental attributes associated with that unit of energy; and
- (3) Exclusive legal ownership can be verified through an auditable contract path or pursuant to the system established or authorized by the Board, or any program for tracking and verifying the ownership of environmental attributes of energy that is legally recognized in any state and approved by the Board.

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

PART II: REGISTRATIONS AND APPLICATIONS FOR CPGS

5.104 Eligibility					
To be eligible to be transferred to the electric company.					
5.108 Conditional Waiver of 30 V.S.A § 248(b) Criteria					
Pursuant to 30 V.S.A. § 219a(c)(2)(a), which provides that the Board may waive the					
requirements of 30 V.S.A. § 248(b) that are not applicable to net metering systems, the Board					
conditionally waives the following criteria:					
(A) For net metering systems which are installed on or in an existing structure or new					
home or business, all criteria under 30 V.S.A. § 248(b), with the exception of					
30 V.S.A. § 248(b)(3) (stability and reliability).					
(B) For wind turbines and other systems which are installed on, as, or within a new					
structure which is not a home or business:					
1. All criteria under 30 V.S.A. § 248(b), with the exception of 30 V.S.A.					
§§ 248(b)(1)(orderly development), (3)(stability and reliability),					
(5)(environmental considerations), and (8)(outstanding resource waters).					
2. With respect to 30 V.S.A. § 248(b)(5), all criteria and subcriteria, except for					
compliance with 10 V.SA. §§ 6086(a)1(A)(headwaters), 1(B)(waste disposal),					
1(D)(floodways), 1(E)(streams), 1(F)(shorelines), 1(G)(wetlands), 4(soil erosion),					
5(traffic; impacts during construction only), 8(aesthetics, historic sites, natural					
areas), 8(A)(necessary wildlife habitat), and (9)(K) (public facilities). If the					
system uses biomass as a fuel, compliance shall also be required with 10 V.S.A.					
5.109 <u>Aesthetic Evaluation of Net-Metered Projects</u>					
(A) The Board has adopted the Vermont Environmental Board's Quechee analysis for					
guidance in assessing the aesthetic impacts of net-metered projects, including					

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

wind turbines. In determining whether a project raises a significant issue with respect to aesthetic criteria contained in 30 V.S.A. § 248(b)(5), the Board is guided by the two part test outlined below:

- 1. First a determination must be made as to whether a project will have an adverse impact on aesthetics and the scenic and natural beauty. In order to find that it will have an adverse impact, a project must be out of character with its surroundings. Specific factors used in making this evaluation include the nature of the project's surroundings, the compatibility of the project's design with those surroundings, the suitability of the project's colors and materials with the immediate environment, the visibility of the project, and the impact of the project on open space.
- 2. The next step in the two-part test, once a conclusion as to the adverse effect of the project has been reached, is to determine whether the adverse effect of the project is "undue." The adverse effect is considered undue when a positive finding is reached regarding anyapply for a net-metering CPG under this Rule, an applicant must propose one of the following factors:
 - a. Does the project violate a clear, written community standard intended to preserve the aesthetics or scenic beauty of the area?
 - b. Have the applicants failed to take generally available mitigating steps which a reasonable person would take to improve the harmony of the project with its surroundings?
 - c. Does the project offend the sensibilities of the average person? Is it

 offensive or shocking because it is out of character with itssurroundings or significantly diminishes the scenic qualities of the area?
 - 3. Analysis of whether a particular project will have an "undue" adverse effect on aesthetics and scenic or natural beauty is also significantly informed by the overall societal benefits of the project.

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

(B) With respect to the Board's review of an application for a single wind turbine under 150 feet in height, there shall be a rebuttable presumption that the wind turbine does not have an undue adverse aesthetic impact.

5.110 Certificates of Public Good

Application Form.

- (A) Applications for photovoltaic systems of 10 kW or less in capacity:
 - (A) A application for a certificate of public good A category I netmetering system;
 - (B) A category II net-metering system;
 - (C) A category III net-metering system;
 - (D) A category IV net-metering system; or
 - (E) A hydroelectric system with a capacity of 500 kW or less.

5.105 Registration of Hydroelectric Facilities, Ground-Mounted Photovoltaic Facilities of up to 15 kW in Capacity, and Roof-Mounted Photovoltaic Net-Metering Systems of Any Capacity Up to 500 kW

(A) Applicability. The registration procedure is applicable only to hydroelectric facilities, ground-mounted photovoltaic systems of up to 15 kW and photovoltaic net-metering systems that are mounted on a roof.

Form and Content. A net-metering system under this subsection shall use the

Board's Net Metering Registration Form in lieu of the Board's Net Metering

(B) 1. Service. Upon filing the Net Metering Registration Formmust be registered with the Board, in accordance with the current-filing procedures and registration form prescribed by the Board, the applicant must also submit a copy of the form to the serving electric company and the Vermont Department of Public Service.

The applicant shall ensure and must contain all of the information required by the instructions for completing that the form is complete and includes all required information.

- 2. <u>Completed Forms.</u> Upon receiving a Net Metering Registration Form, Board staff will review the Registration Form for completeness. If the form is incomplete, the Clerk of the Board will inform the applicant of the deficiencies, and the applicant will be required to resubmit a complete form.
- 3. Submission of Comments. If the interconnecting electric company believes that the interconnection of a system raises concerns, the company must file a letter detailing those concerns with the customer and the Board within ten days of receiving a complete Net Metering Registration Form. The letter must alsoprovide a recommendation as to how the interconnection issues can be resolvedby the applicant. The company must also send an electronic copy of the letter to the installer of the system indicated on the registration form. If an objection to the interconnection has been timely filed by the interconnecting electric company, the applicant shall not commence construction of the project until the interconnectionissues have been resolved. If no Timeframes. Unless a letter raising interconnection issues is timely filed with the Board by the interconnecting utility, a CPG shallwill be deemed issued by the Board on the eleventh day following the filing of the Net Metering Registration Form, without further proceedings, findings of fact, or conclusions of law, and the applicant may commence construction of the system. The computation of the number of days following the filing of a complete Net Metering Registration Form does not include weekends, state legal holidays under 1 V.S.A. § 371(a), and federal legal holidays under 5 U.S.C. § 6103(a). according to the following timeframes:
 - (1) in the case of a net-metering system with a capacity of 15 kW or less, the eleventh business day following the filing of the form; and
 - (2) in the case of a net-metering system with a capacity of greater than 15 kW, the thirty-first day following the filing of the form.
- (D) Service. Upon filing the net-metering registration form with the Board, the

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

applicant must also cause notice of the form to be sent to the electric company and to the Department via the Board's electronic filing system.

(E) Interconnection. If the electric company believes that the interconnection of the net-metering system raises concerns, the electric company must convey these concerns in writing to the applicant and the Board within the timeframes in (C), above. The electric company's filing must include a recommendation as to how the interconnection issues could be resolved by the applicant. The company must also convey a copy of the letter to the installer of the system named on the form. If an objection to the interconnection has been timely filed by the interconnecting electric company, the applicant may not commence construction of the project until the interconnection issues have been resolved.

5.106 Applications for Ground-Mounted Photovoltaic Net-Metering Systems Greater Than 15 kW and Up to and Including 50 kW and for Facilities Using Other Technologies Up to and Including 50 kW

(A) Applicability. This application procedure is applicable to ground-mounted photovoltaic net-metering systems that are either non-photovoltaic greater than 15 kW and up to 50 kW in capacity. This application procedure is also applicable to net-metering systems of up to 150 kW in capacity, or photovoltaic systems of greater than 10 kW and up to 150 kW in 50 kW or less that use other eligible technologies. This application procedure does not apply to hydroelectric facilities.

-capacity:

- 1. Form and Content. An application for a certificate of public goodCPG under this subsection shallmust be filed with the Board in accordance with the Board's current filing procedures
- (B) and Net Metering Application Form, using the application form prescribed by the Board, and shallmust contain all of the information required by this Rule and the

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

instructions tofor that form.-

- 2. <u>Service of Applications.(C)</u> <u>Advance Notice Requirements.</u> The applicant shall<u>must provide copies_notice</u> of the completed Net Metering Application Formto the persons and organizations as indicated in the application form's instructions.as follows:
 - 3. Submission of Comments and Requests for Hearing. If any person wishes to submit comments to the Board concerning an application filed pursuant to this subsection, file a motion to intervene, or request a technical evidentiary hearing, such correspondence is due at the Board within the time prescribed in the application form instructions. If a person requests a technical evidentiary hearing, the person must make a showing that the application raises a significant issue regarding one or more of the applicable criteria listed in Section 5.108. Such a showing must go beyond general or speculative claims, and provide specific information regarding potential impacts for the criteria or the criteria conditionally waived in that section.
 - 4. Hearings. In cases where the Board determines that a system raises a significant issue with respect to one or more of the substantive criteria applicable to the system, the Board may determine to hear evidence on the issue. In any decision resulting from such a hearing, the Board need only issue findings and conclusions on the criteria concerning which it determined to hold a hearing.

 5. Approval. In cases where there are no objections or requests for hearing and the Board determines that the application does not raise a significant issue, the Board will issue a certificate of public good following the review period as specified in the(1) Recipients Entitled to Advance Notice. The applicant must provide the following persons with advance notice of an application form.
- (C) <u>Applications for systems of greater than 150 kW in capacity:</u>

 Applications for systems greater than 150 kW in capacity shall be filed in

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

accordance with the following requirements;

Notice Requirements; The applicant must provide written notice, at least 45 days in advance of filing a § 219athe application, to with the following entities Board:

- (a)- the municipal legislative bodies and municipal and regional planning commissions in the communities where the project will be located;
- (b) the Secretary of the Agency of Natural Resources;
- (c) the Commissioner of (b) all adjoining landowners;
- (c) the host landowner;
- (d) the Department of Public Service and its Director for Public Advocacy;
- (e) (d) the landowners Agency of record of property adjoining Natural Resources;
- the project sites Natural Resources Board, if the proposed netmetering system is located on a parcel subject to an Act 250 Land Use Permit;
- (e) the Public Service Board;
- (g) (f) the Division for Historic Preservation;
- (h) the Agency of Agriculture Food and Markets; and-
- (i) the serving electric company.
- (2) Method of Service of Advance Notice. The notice shall applicant must cause the advance notice to be served to the entities listed in (1)(a) through (c), above, by certified mail. The applicant must cause the advance notice to be transmitted to the entities listed in (1)(d) through (i), above, using the Board's electronic filing system, unless the applicant is making a paper filing in accordance with the Board's rules, in which case service must be

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

by certified mail. With permission from the intended recipient, the applicant may serve a copy of the advance notice via electronic mail.

- Contents of Advance Notice. The notice must state that the applicant (3) intends to makefile a § 219aSection 8010 application, with the Board, must identify the location of the facility project site(s), and the number of any Act 250 Land Use Permit applicable to the host parcel, and must provide a description of the proposed project(s). In addition, the notice must contain in sufficient detail about the proposed to afford the recipient reasonable notice of the nature of the project(s) to allow the parties receiving the notice to understand the so that the recipient is able to make an informed judgment as to any potential impact the construction or operation of the project(s) may have on any interest of the interests of those parties. recipient that is within the Board's jurisdiction to address. The notice shallmust provide contact information and state that recipients the recipient may file inquiries or comments with the applicant with respect to about the project and that recipients the recipient will also have thean opportunity to file comments with the Board once the application is filed. If the
- (4) Timing of Advance Notice and Application. If, within 180 days of the date of the advance notice, the applicant has not filed ana complete application for the project, pursuant to that fully complies with the filing requirements below, within 180 days of the date of the advance noticethis Rule, the notice will be considered treated as withdrawn—without further action required by the Board.

If the applicant makes a substantial change to the proposed project, the applicant is required to provide at least 45-days notice of this change to all parties and entities already notified, including any newly affected adjoining property owners.

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

For the purpose of this subsection, a substantial change is one that has the potential for significant impact with respect to any of the criteria applicable to the project.

Filing Requirements; Upon filing the application with the Board, the applicant must also submit a copy of the (D) Filing Requirements. Applications for net-metering systems that are greater than 15 kW and up to and including 50 kW and that are not roof-mounted photovoltaic systems must contain the following information.

Failure to provide any required information will result in the application being deemed incomplete:

Applicant name. The application to the municipal planning commission(s) and regional planning commission(s) in the community or communities where the project is located, the Agency of Natural Resources, the Department of Public Service, and the serving electric company. The applicant shall also provide notice to the legislative bodies of the town(s) where the project(s) will be located and the landowners of record of property adjoining the project site(s) that the application has been filed with the Board.

The applicant shall ensure that the application filed includes testimony or exhibits fully addressing each of the areas listed below. Any witness sponsoring an exhibit or testimony must file a notarized affidavit stating that the information provided is accurate to the best of their knowledge and have personal knowledge of and be able to testify as to the validity of the information contained in the exhibit or testimony. The applicant shall file proposed findings of fact and a proposed certificate of public good with the application.

(1) Applicant Name. The application shallmust include the

name,legal name (and the "doing business as" name, if different), contact
information and a, Vermont business registration
number (if applicable), and a description of the company or person making

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

the application. For example:

Host landowners.	XYZ Corporation (d/b/a ABC Solar)
	Headquarters at 123 Maple Lane, Anytown, VT 05600
	Service Agent: Jane Doe, Esq.
	VT Business ID#: 12345

(2) Host landowner. The application must include the name and address of the legal owner of the land upon which the proposed net-metering system would be built, and the number of any Act 250 Land Use Permit applicable to the host parcel.

<u>Adjoining landowners.</u> The application shall include the names and addresses of the landowners on whose property the proposed facilities would be built.

- (3) Adjoining Landowners. The application shallmust include the names and addresses of all adjoining property owners landowners. This information shallmust be obtained from the most recent version of the town's grand list.
- (4) Certification that Notice Requirements Have Been Metadvance notice requirements have been met. The applicant must certify that it has complied with the advance notice requirements listed above.

Project Description

- (5) 1. Site Plansplans. The applicant must provide a site plan for each project. A site plan shallmust include:
 - (a) Proposed facility locations location and any incidental project features.;
 - (b) Approximate property boundaries and setback distances from those boundaries to the nearest corners of each corner of the closest project-related structure, approximate distances of any nearby residences, and dimensions of all proposed improvements.

- (c) (e) Proposed utilities, including approximate distance from source of power, sizes of service available and required, and approximate locations of any proposed utility or communication lines.
- (d) (d)—A description of any areas where vegetation is to be cleared or altered and a description of any proposed direct or indirect alterations to or impacts toon wetlands andor other natural resources protected under 30 V.S.A. § 248(b)(5), including the limits of disturbance and the total acreage of any disturbed area;
- (f) Locations and specific descriptions of proposed screening,
 landscaping, groundcover, fencing, exterior lighting, and signs;
- (g) Plans of any proposed access driveway, roadway, or parking area
 at the project site, including grading, drainage, and traveled width,
 as well as a cross-section of the access drive indicating the width,
 depth of gravel, paving, or surface materials;
- (h) The latitude and longitude coordinates for the proposed project; and
- (i) The approved site plan from any Act 250 Land Use Permit applicable to the host parcel.
- (6) Wetland delineation. The applicant must provide either a wetland
 delineation prepared by a qualified professional or a letter from the district
 wetland ecologist stating that no delineation is necessary because the netmetering system will not be proximate to any significant wetlands.
- (7) Response to recommendations of municipalities and adjoining

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

landowners. The applicant must file a document summarizing the comments and recommendations received in response to the 45-day notice. The document must respond to the issues raised in those comments and recommendations and must state what steps the applicant has taken to address those issues or why the applicant is unable to do so.

- (8) Statement of Consistency with Act 250 Land Use Permit. If the host parcel is subject to an Act 250 Land Use Permit, the applicant must file a document describing whether the construction of the proposed netmetering system will interfere with the satisfaction of any condition contained in the Act 250 Land Use Permit. If the construction will interfere with the satisfaction of any Act 250 Land Use Permit condition, the applicant must explain what steps it will take to address such issues or why the applicant is unable to do so.
- (E) Review for Administrative Completeness. Board staff will review all filed applications to determine whether they are administratively complete enough to process. Applicants should receive an e-mail message with the results of this review within 5 business days of the date the Board received the application; however, the expiration of this time period without the receipt of an e-mail message does not constitute a determination that the application is administratively complete enough to process. If the application is found to be complete, the applicant must provide copies of the application to the persons set forth in Sections 5.106(F), below. If the application is found to be incomplete, the applicant will be informed of the deficiencies and will be given an opportunity to cure them. A determination that an application is administratively complete enough to process is not a legal determination regarding the sufficiency of the information included in the application.
- (F) Service of Copies of Applications. Within 2 business days after the application is

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

determined to be administratively complete, the applicant must serve copies of the application in accordance with this section.

- (1) Entities Entitled to Copies of the Application:
 - (a) the municipal legislative bodies and the municipal and regional planning commissions where the net-metering system will be located;
 - (b) the host landowner;
 - (c) all adjoining landowners;
 - (d) the Department of Public Service;
 - (e) the Agency of Natural Resources;
 - (f) the Natural Resources Board, if the proposed net-metering systems
 is located on a parcel subject to an Act 250 Land Use Permit;
 - (g) the Division for Historic Preservation;
 - (h) the Agency of Agriculture Food and Markets; and
 - (i) the electric company.
- (2) Method of Service.
 - (a) The applicant must provide a copy of the application to the entities named in (1)(a) through (c), above, by certified mail.
 - (b) The applicant must cause copies of the application to be transmitted to the entities listed under (1)(d) through (i), above, using the Board's electronic filing system, or if the applicant is making a paper filing, then using certified mail.
- (G) Effect of Failure to Provide Timely Service. The Board will grant reasonable extensions of time to the entities listed under (F)(1), above, to make a responsive filing when the applicant fails to cause timely service of copies of an application.

5.107 Applications for Net-Metering Systems Greater Than 50 kW That Are Not Roof-

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

Mounted Photovoltaic Systems or Hydroelectric Facilities

- (A) Applicability. This application procedure is applicable to net-metering systems greater than 50 kW that are not photovoltaic systems mounted on a roof or hydroelectric facilities.
- (B) Advance Notice Requirements. The applicant must provide notice of the application as follows:
 - (1) Recipients Entitled to Advance Notice. The applicant must provide the following persons with advance notice of an application, at least 45 days in advance of filing the application with the Board:
 - (a) the municipal legislative bodies and municipal and regional planning commissions in the communities where the project will be located;
 - (b) all adjoining landowners;
 - (c) the host landowner;
 - (d) the Department of Public Service;
 - (e) the Agency of Natural Resources
 - (f) the Natural Resources Board, if the proposed net-metering system is located on a parcel subject to an Act 250 Land Use Permit;
 - (g) the Division for Historic Preservation;
 - (h) the Agency of Agriculture Food and Markets; and
 - (i) the electric company.
 - (2) Method of Service of Advance Notice. The applicant must cause the advance notice to be served to the entities listed in (1)(a) through (c), above, by certified mail. The applicant must cause the advance notice to be transmitted to the entities listed in (1)(d) through (i), above, using the Board's electronic filing system, unless the applicant is making a paper filing in accordance with the Board's rules, in which case service must be

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

by certified mail. With permission from the intended recipient, the applicant may serve a copy of the advance notice via electronic mail.

- intends to file a Section 8010 application with the Board, must identify the location of the project site and the number of any Act 250 Land Use

 Permit applicable to the host parcel, and must provide a description of the proposed project in sufficient detail to afford the recipient reasonable notice of the nature of the project so that the recipient is able to make an informed judgment as to any potential impact the construction or operation of the project may have on any interest of the recipient that is within the Board's jurisdiction to address. The notice must provide contact information and state that the recipient may file inquiries or comments with the applicant about the project and that the recipient will also have an opportunity to file comments with the Board once the application is filed.
- (4) Timing of Advance Notice and Application. If, within 180 days of the date of the advance notice, the applicant has not filed a complete application for the project that fully complies with the filing requirements of this Rule, the notice will be treated as withdrawn without further action required by the Board.
- (C) Filing Requirements. Applications for net-metering systems larger than 50 kW

 must contain the following information. Failure to provide any required

 information will result in the application being deemed incomplete:
 - (1) Applicant name. The application must include the legal name (and the "doing business as" name, if different), contact information, Vermont business registration number (if applicable), and a description of the company or person making the application. For example:

XYZ Corporation (d/b/a ABC Solar)

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

Headquarters at 123 Maple Lane, Anytown, VT 05600

Service Agent: Jane Doe, Esq.

VT Business ID#: 12345

- (2) Host landowner. The application must include the name and address of the legal owner of the land upon which the proposed net-metering system would be built and the number of any Act 250 Land Use Permit applicable to the host parcel.
- (3) Adjoining landowners. The application must include the names and addresses of all adjoining landowners. This information must be obtained from the most recent version of the town's grand list.
- (4) Certification that advance notice requirements have been met. The applicant must certify that it has complied with the advance notice requirements listed above.
- (5) Site plans. The applicant must provide a site plan for each project. A site plan must include:
 - (a) Proposed facility location and any project features;
 - (b) Approximate property boundaries and setback distances from those

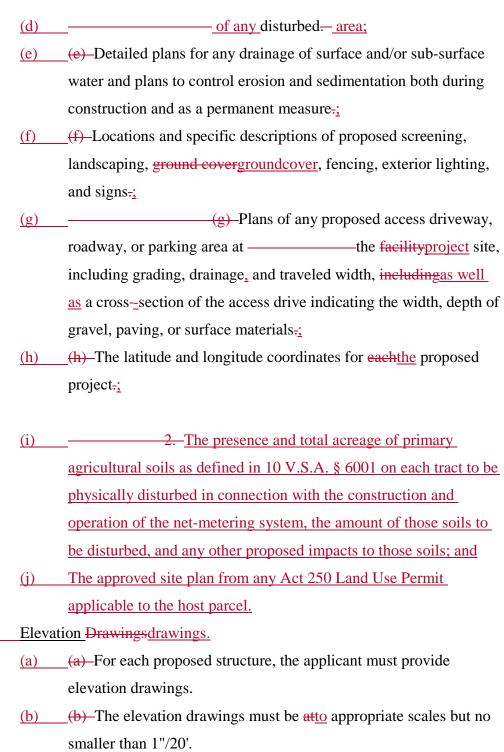
 boundaries to the corner of the nearest project-related structure,

 approximate distances to any nearby residences, and dimensions of

 all proposed improvements;
 - (c) Proposed utilities, including approximate distance from source of power, sizes of service available and required, and approximate locations of any proposed utility or communication lines;

A description of any areas where vegetation is to be cleared or altered and a description of any proposed direct or indirect alterations to or impacts on wetlands or other natural resources protected under 30 V.S.A. § 248(b)(5), including the limits of earth-disturbance and the total acreage

(6)



Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

- (c) (e) The applicant must include two elevation drawings of the proposed-structures drawn at right angles to each other, showing the ground profile to at least 100 feet beyond the edge of any proposed clearing, and showing any guy wires or supports. The elevation drawing shallmust show height of the structure above grade at the base, and describe the proposed finish of the structure.
- (d) (d) The elevation drawing shallmust indicate the relative height of the facility to the tops of surrounding trees as they presently exist.
- (e) (e) Each plan sheet shallmust be clearly labeled with the project title, date, revision date(s), scale, and name of the person or firm that prepared the plan.
- (7) Environmental Criteria. Testimony, exhibits, proposed findings, and proposed CPG. The applicant must address each of the applicable Section 248 criteria set forth in Section 5.108. through testimony and exhibits. The testimony and exhibits must contain sufficient facts to support a positive finding by the Board under each of the applicable Section 248 criteria. To the extent that the proposal will ereateresult in an adverse impact affecting any of these criteria, the applicant shouldmust describe what measures, if any, will be taken to minimize any such impact.

Local and Regional Plans. The Any witness sponsoring an exhibit or testimony must file a notarized affidavit stating that the information provided is accurate to the best of the witness's knowledge. All exhibits must be sponsored by a witness. The witness must further attest to having personal knowledge to be able to testify as to the validity of the information contained in the exhibit or testimony.

The applicant shall must file proposed findings of fact and a proposed CPG with the application.

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

- (8) Local and regional plans. The applicant must provide copies of the relevant ——sections of the Town Plansany town plan and Regional Plansregional plan in effect in the communitiescommunity in which the proposed facilities facility will be located and describe. The applicant must include testimony describing how the project meets or complies with or is inconsistent with the land conservation measures in those plans. -
- (9) CompletedWetland delineation. The applicant must provide either a wetland delineation prepared by a qualified professional or a letter from the district wetland ecologist stating that no delineation is necessary because the net-metering system will not be proximate to any significant wetlands.
- (10) Interconnection. The applicant must file as part of the application a letter from the electric company stating that the proposed net-metering system may be safely interconnected with the company's distribution grid without having an impact on system stability or reliability. The letter must also describe all improvements to the grid necessary to interconnect the net-metering system.
- (11) Response to recommendations of municipalities and adjoining

 landowners. The applicant must file a document summarizing the

 comments and recommendations received in response to the 45-day

 notice. The document must respond to the issues raised in those

 comments and recommendations and must state what steps the applicant

 has taken to address those issues or why the applicant is unable to do so.
- (12) Decommissioning plan. All applications for net-metering systems with capacities greater than 150 kW must include a decommissioning plan that provides for the removal and safe disposal of project components and the

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

restoration of any primary agricultural soils, if such soils are present within the net-metering system's limits of disturbance.

- is subject to an Act 250 Land Use Permit, the applicant must file a
 document describing whether the construction of the proposed netmetering system will interfere with the satisfaction of any condition
 contained in the Act 250 Land Use Permit. If the construction will
 interfere with the satisfaction of any Act 250 Land Use Permit condition,
 the applicant must explain what steps it will take to address such issues or
 why the applicant is unable to do so.
- (D) Review for Administrative Completeness. Board staff will review all filed applications to determine whether they are administratively complete enough to process. Applicants should receive an e-mail message with the results of this review within 5 business days of the date the Board received the application; however, the expiration of this time period without the receipt of an e-mail message does not constitute a determination that the application is administratively complete enough to process. If the application is found to be complete, the applicant must provide copies of the application to the persons as set forth in Section 5.107(E), below. If the application is found to be incomplete, the applicant will be informed of the deficiencies and will be given an opportunity to cure them. A determination that an application is administratively complete enough to process is not a legal determination regarding the sufficiency of the information included on the application.
- (E) Service of Copies of Applications. Upon receiving an application under and

 Notices. Within 2 business days after the application is determined to be

 administratively complete, the applicant must serve copies of the application or

 provide notice of the application in accordance with this section.

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

(1) Entities Entitled to Copies of the Application:

- (a) the municipal legislative bodies and the municipal and regional planning commissions where the net-metering system will be located;
- (b) the Department of Public Service;
- (c) the Agency of Natural Resources;
- (d) the Natural Resources Board, if the proposed net-metering system is located on a parcel subject to an Act 250 Land Use Permit;
- (e) the Division for Historic Preservation;
- (f) the Agency of Agriculture Food and Markets; and
- (g) the electric company.
- (2) Entities Entitled to Notice of the Application:
 - (a) the host landowner; and
 - (b) all adjoining landowners.
- (3) Method of Service.
 - (a) The applicant must provide a copy of the application to the entities listed in (1)(a), above, by certified mail.
 - (b) The applicant must cause copies of the application to be transmitted to the entities named in (1)(b) through (g), above, using the Board's electronic filing system, or if the applicant is making a paper filing, using certified mail.
 - (c) The applicant must cause notices under (2), above, to be served by certified mail.
- (4) Effect of Failure to Provide Timely Service. The Board will grant
 reasonable extensions of time to the entities listed in (E)(1) and (2), above,
 to file comments when the applicant fails to cause timely service of copies
 of an application or a notice.

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

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5.108 Amendments to Pending Registrations and Applications

- (A) Minor Amendment. Applicants must provide notice of all minor amendments to the Board, the Department of Public Service, the Agency of Natural Resources (except for roof-mounted systems), and the electric company. The notice must provide sufficient information so that the Board can understand the nature of the proposed change and its impact, if any, on any of the Section 248 criteria. The filing of a minor amendment does not extend the applicable comment period for the application. The Board may request additional information from the applicant regarding a proposed minor amendment at any time during the review of a netmetering system.
- (B) Major Amendment. An applicant seeking a major amendment must withdraw its

 application or registration and refile the amended document in accordance with
 the applicable procedures for that type of net-metering system.

5.109 Amendments to Approved Net-Metering Systems

Minor Amendment. A certificate holder must provide notice of all minor amendments to the Board, the Department of Public Service, the Agency of Natural Resources (except for roof-mounted systems), the Natural Resources

Board if the host parcel is subject to an Act 250 Land Use Permit, and any party to the proceeding in which the net-metering system was granted a CPG. The notice must provide sufficient information so that the Board can understand the nature of the proposed minor amendment and its impact, if any, on any of the Section 248 criteria. The certificate holder may implement the proposed minor amendments without further action by the Board unless a written objection is filed with the Board within 10 business days after the minor amendment notice. If an objection is filed by any of the persons specified in this subsection, the certificate holder may not implement the proposed minor amendment until the objection has

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

been withdrawn or resolved by the Board staff will review.

- (B) Major Amendment. The procedure for obtaining authorization to implement a major amendment is the same as the application for completeness.procedure for the category of net-metering system applicable to the amended net-metering system.
- (C) Maintenance and Repair. The maintenance and repair of net-metering systems

 and the replacement of equipment with like equipment do not require prior notice

 or Board approval.

5.110 Transfer and Abandonment of CPGs

- (A) Transfer With Change in Ownership of Host Property. A CPG for a net-metering system is deemed to be automatically transferred when the property hosting a net-metering system is sold or legal title is otherwise conveyed to a new owner. The new owner may continue operating the net-metering system provided that:
 - (1) the new owner agrees to operate and maintain the net-metering system

 according to all terms and conditions of the CPG and complies with this

 Rule 5.100; and
 - within 30 days after acquiring ownership of the system, the new owner completes and files an official transfer form with the Board, the
 Department of Public Service, the Agency of Natural Resources (except for roof-mounted systems), and the electric company.
- (B) Transfer Separate from Change in Ownership of Host Property. CPG holders

 seeking to transfer a net-metering CPG separately from a change in ownership of
 the property hosting the net-metering system must obtain Board approval prior to
 transferring a CPG. To obtain Board approval of a proposed transfer, the current
 CPG holder and proposed CPG holder must complete and file a form developed
 for this purpose.

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

(C) Abandonment. Non-use of a CPG for a period of one year following the date the certificate is issued will result in the revocation of the CPG. For the purpose of this section, for a CPG to be considered used, the net-metering system must be commissioned. An extension of the time for using a CPG will only be granted for good cause shown. Prior to construction, a certificate holder may abandon a CPG at any time upon written notice thereof to the Board, the Department, the Agency of Natural Resources (except for roof-mounted systems), and the electric company.

5.111 Substantive Criteria of 30 V.S.A. § 248(b) Applicable to Net-Metering CPG Registrations and Applications

Pursuant to 30 V.S.A. § 8010, which provides that the Board may waive the requirements of 30 V.S.A. § 248(b) that are not applicable to net-metering systems, the Board will review registrations and applications for net-metering systems for compliance with the following statutory criteria. (All other criteria are conditionally waived.)

- (A) For hydroelectric net-metering systems and net-metering systems that are located on a new or existing structure whose primary use is not the generation of electricity or providing support for the placement of equipment that generates electricity: 30 V.S.A. § 248(b)(3) (stability and reliability).
- (B) For net-metering systems that are not located on a new or existing structure whose primary use is not the generation of electricity or providing support for the placement of equipment that generates electricity and that elect to *transfer* the tradeable renewable energy credits to the electric company: 30 V.S.A. §§ 248(b)(1) (orderly development); (b)(3) (stability and reliability); (b)(5) (aesthetics, historic sites, air and water purity, the natural environment, the use of natural resources, and public health and safety); (b)(8) (outstanding resource waters); and Section 248(s) (setbacks).
- (C) For net-metering systems that are not located on a new or existing structure whose

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

primary use is not the generation of electricity or providing support for the placement of equipment that generates electricity and that elect to *retain* the tradeable renewable energy credits generated by the net-metering system: 30 V.S.A. §§ 248(b)(1) (orderly development); (b)(2) (need); (b)(3) (stability and reliability); (b)(5) (aesthetics, historic sites, air and water purity, the natural environment, the use of natural resources, and public health and safety); (b)(8) (outstanding resource waters); and Section 248(s) (setbacks).

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5.112 Aesthetic Evaluation of Net-Metering Projects

- (A) Quechee Test. In determining whether a net-metering system satisfies the aesthetics criterion contained in 30 V.S.A. § 248(b)(5), the Board applies the so-called "Quechee test" as described in the case *In Re Halnon*, 174 Vt. 515 (2002) (mem.), set forth below:
 - (1) Step one: Determine whether the project would have an adverse impact on aesthetics and the scenic and natural beauty of an area because it would not be in harmony with its surroundings. If the application answer is no, then the project satisfies the aesthetics criterion. If yes, move on to step two.
 - (2) Step two: The adverse impact will be found to be undue if any one of the three following questions is answered affirmatively:
 - (a) Would the project violate a clear, written community standard intended to preserve the aesthetics or scenic, natural beauty of the area?
 - (b) Would the project offend the sensibilities of the average person?
 - (c) Have the applicants failed to take generally available mitigating steps that a reasonable person would take to improve the harmony of the proposed project with its surroundings?

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

- (B) Adverse Aesthetic Impact. In order to determine that a project would have an adverse impact on aesthetics and the scenic and natural beauty under subsection (A)(1), above, the Board must find that a project would be out of character with its surroundings. Specific factors used in making this evaluation include the nature of the project's surroundings, the compatibility of the project's design with those surroundings, the suitability of the project's colors and materials with the immediate environment, the visibility of the project, and the impact of the project on open space.
- (C) Clear, Written Community Standard. In order to find that a project would violate

 a clear, written community standard, the Board must find that the Project is

 inconsistent with a provision of the applicable town or regional plan that:
 - (1) Designates specific scenic resources in the area where the project is proposed. Statements of general applicability do not qualify as clear, written community standards. For example, the general statement that "agricultural fields shall be preserved" would not qualify because the statement does not substantially designate specific resources as scenic.

 The statement "the agricultural fields to the west of Maple Road are scenic resources that must be preserved" would qualify because it designates specific resources as scenic.
 - (2) Provides specific guidance for project design. For example, the statement "only dwellings, forestry, and agriculture are permitted within the Maple Road scenic protection area" would be a clear standard because it states with specificity what type of development is permitted. The statement "all development in the Maple Road scenic protection area must maintain the rural character of the area" would not be a clear standard because it does not state with specificity what type of development is permitted.
- (D) Offend the Sensibilities of the Average Person. A project will be found to offend

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

the sensibilities of the average person if the project would be so out of character with its surroundings or so significantly diminish the scenic qualities of the area as to be offensive or shocking to the average person. In determining whether a project would offend the sensibilities of an average person, the Board will consider the perspective of an average person viewing the project from both adjoining residences and from public vantage points.

- (E) Generally Available Mitigating Steps. In determining whether an applicant has taken generally available mitigating steps, the Board may consider the following:
 - (1) what steps, such as screening, the applicant is proposing to take;
 - (2) whether the applicant has adequately considered other available options for siting the project in a manner that would reduce its aesthetic impact;
 - (3) whether the applicant has adequately explained why any additional mitigating steps would not be reasonable; and
 - (4) whether mitigation would frustrate the purpose of the Project.
- (F) Setbacks. Applicants seeking authorization to construct a ground-mounted netmetering system must comply with the application following minimum setback requirements:
 - (1) From a state or municipal highway, measured from the edge of the traveled way:
 - (a) 100 feet for a solar facility with a plant capacity exceeding 150 kW; and
 - (b) 40 feet for a solar facility with a plant capacity less than or equal to 150 kW but greater than 15 kW.
 - (2) From each property boundary that is not a state or municipal highway:
 - (a) 50 feet for a solar facility with a plant capacity exceeding 150 kW; and
 - (b) 25 feet for a solar facility with a plant capacity less than or equal to

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

150 kW but greater than 15 kW.

- (3) This subsection does not require a setback for a solar facility with a plant capacity equal to or less than 15 kW.
- (4) In the case of a net-metering wind turbine, the facility must be set forthherein, back from all property boundaries and public rights-of-way by a
 distance equal to at least twice the height of the turbine, as measured from
 the tip of the blade.
- (5) On review of an application, the Board may either require a larger setback than this subsection requires, or approve an agreement to a smaller setback among the applicant, the municipal legislative body, and each owner of property adjoining the smaller setback.

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

PART III: PARTICIPATING IN THE REVIEW OF APPLICATIONS FOR CPGS

Part III describes the procedures applicable to the review of net-metering applications filed pursuant to Sections 5.106 and 5.107. Part III does not apply to the review of net-metering registrations filed pursuant to Section 5.105. In cases where an electric company files an objection pursuant to Section 5.105(E), such disputes will be resolved using the dispute resolution procedures contained in Board Rule 5.500, which governs interconnection requests.

5.113 Obtaining Information About a Net-Metering CPG Application

Interested persons may obtain information about a net-metering CPG application by visiting the web portal for the Board's electronic filing system or by contacting the Clerk of the Board.

5.114 Rules and Processes Applicable to the Review of Net-Metering CPG Applications

The purpose of this Rule is to simplify the process of participating in the review of applications for net-metering CPGs. In keeping with this purpose, the process for reviewing CPG applications is described in Sections 5.115 through 5.123, below. The following provisions of the Board's general rules of practice, Board Rule 2.200 (Procedures Generally Applicable), do not apply in the review of a net-metering application or a hearing thereon: Board Rules 2.202 (initiation of proceedings), 2.204(A)-(G) (filing and service requirements), 2.205 (notice), 2.207 (time), 2.213 (prefiled testimony), 2.214 (A)(discovery), and 2.216(A)-(C) (evidence). Any procedure not described in this Rule is governed by the provisions of Rule 2.200. Where there is a conflict between the procedures described in this Rule and any other Board rule, the provisions of this Rule govern.

5.115 Submission of Public Comments

When a net-metering application is filed with the Board, the public may file comments addressing whether the application should be approved. All public comments concerning an

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

application must be filed with the Board, with a copy sent to the applicant, within 30 days from the date of notification by the Board that the application is administratively complete. These public comments will be viewable on the Board's electronic filing system. The applicant may file a written response to all timely filed public comments with the Board within 15 calendar days of the close of the 30-day public comment period, unless otherwise directed by the Board.

5.116 Party Status in Net-Metering CPG Proceedings

- (A) When a person wishes to participate in the review of a CPG application as a party, which is a prerequisite to filing an appeal of a final Board decision, such person must obtain party status from the Board.
- (B) The following persons must obtain party status as follows:
 - (1) The Vermont Department of Public Service is a party in any proceeding under this Rule.
 - (2) The Agency of Natural Resources and the Natural Resources Board are parties in any proceeding for which they are entitled to receive notice of an application under this Rule.
- (3) The following persons will be granted party status by the Board only after filing a notice of intervention. The Board will provide a form for such purpose:
 - (a) the electric company;
 - (b) the legislative body and the planning commission of the municipality in which a facility is located, pursuant to 30 V.S.A. § 248(a)(4)(F);
 - (c) the regional planning commission of the region in which a facility is located;
 - (d) the regional planning commission of an adjacent region if the

 distance between the net-metering system's nearest component and

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

- the boundary of that adjacent region is less than or equal to 500 feet or 10 times the height of the facility's tallest component, whichever is greater;
- (e) the legislative body and planning commission of an adjacent

 municipality if the distance between the net-metering system's

 nearest component and the boundary of that adjacent municipality

 is less than or equal to 500 feet or 10 times the height of the

 facility's tallest component, whichever is greater
- (f) adjoining landowners;
- (g) the Vermont Agency of Agriculture Food and Markets; and
- (h) the Vermont Division for Historic Preservation.
- (C) Any other person seeking to participate in a net-metering proceeding as a party

 must file a motion to intervene either in accordance with Board Rule 2.209 or by

 filing a form developed by the Board for use under this Rule.
- (D) Any person who obtains party status acquires all of the legal rights and obligations of a party in a Board proceeding. The filing of public comments on an application and the consideration of such public comments by the Board do not confer party status. Party status is conferred only upon the filing of a notice of intervention by the persons listed in (B)(3), above, or upon issuance of an order from the Board granting a duly filed motion to intervene.

5.117 Requests for Hearing will inform the applicant of the deficiencies. Upon

The review of net-metering CPG applications is based upon the information contained in the application filed by the applicant. If a party wishes to offer contrary evidence or to challenge the accuracy of information contained in an application, then the party must request a hearing to present such evidence and argument. A party must file a request for hearing within 30 days from the date of notification by the Board that the application is administratively complete. The

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

request must identify the proposed issues to be resolved through the hearing. Unless the party has already been granted party status by the Board, a request for a hearing must be accompanied by a notice of intervention or motion to intervene, pursuant to Section 5.116 of this Rule.

5.118 Circumstances When the Board Will Conduct a Hearing

- (A) The Board will grant a request for a hearing only if such request is filed by a party. Such a request may be included with a notice of intervention or motion to intervene. A hearing requested by a party will be granted provided that the request raises:
 - (1) one or more substantive issues under the applicable Section 248 criteria; or
 - (2) a substantive issue that is within the Board's jurisdiction to resolve.
- (B) Requests must be supported by more than general or speculative statements. For example, it is not sufficient to state that an application "violates Section 248(b)(5)." Instead, a party should state with specificity why the project raises a substantive issue under the Section 248 criteria. For example: "The application raises an issue under the aesthetics criterion under Section 248(b)(5) because the applicant has not proposed adequate mitigation to screen the western portion of the project from Maple Street."

5.119 Prehearing Conferences and Status Conferences

In cases where the Board has determined that a hearing will be held, on reasonable notice the Board will conduct a prehearing conference prior to the hearing. Upon request of a party and in the discretion of the Board, such conferences may be conducted telephonically. The following topics may be addressed at the prehearing conference:

- (a) clarifying the issues to be addressed at the hearing and, if possible, narrowing them;
- (b) identifying evidence, documents, witnesses, stipulations, and other offers of proof

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

to be presented at a hearing;

- (c) promoting the expeditious, informal, and nonadversarial resolution of issues and the settlement of differences;
- (d) requiring the timely exchange of information concerning the application;
- (e) setting a schedule for the prefiling of testimony and exhibits; and
- (f) such other matters as the Board deems appropriate.

5.120 Discovery

Each party may serve up to 20 interrogatories (counting subparts) on any other party.

Any additional discovery may be obtained only upon request of a party and upon order of the Board where the Board finds that the requested discovery would not be unduly burdensome or expensive, taking into account such factors as the needs of the case, limitations on the parties' resources, and the importance of the issue in the case. Any discovery dispute must be submitted to the Board in writing for resolution.

5.121 Procedure for Hearings

- (A) Notice. Prior to any hearing conducted under this Rule, each party will receive a notice stating the time, place, and nature of the hearing. The notice will include a short and plain statement of the matters at issue in the hearing and a statement of the statutes and rules involved in the case.
- (B) Order of Witnesses, Marking of Exhibits. At the hearing the Board will establish the order in which the parties will present their witnesses and evidence. At that time all exhibits and any other documents to be entered into the record must be marked for identification (for example, Exhibit Applicant-1).
- Pre-Filed Testimony and Exhibits. Each party must pre-file a copy of all testimony and exhibits with the Board. Copies of such filings must be provided to the applicant and other parties at the time of filing. At the discretion of the Board, parties may present live direct or rebuttal testimony.

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

- (D) Cross-Examination. At the hearing, each party will be afforded a reasonable opportunity to ask questions of other parties' witnesses.
- (E) Evidence. The Rules of Evidence, as modified by 3 V.S.A. § 810 apply in hearings under this Rule.
- (F) Transcript. Any hearing will be transcribed and a transcript will be made available to the public by the Board.
- (G) Briefs, Proposed Findings of Fact. At the conclusion of the hearing, the parties will state whether they wish to file proposed findings of fact or legal briefs. A schedule for making such filings will be established, if necessary.

5.122 Decisions

After the conclusion of the hearing and after the submission of all information necessary to address the deficiencies, any briefs and proposed findings of fact, the Board will issue a written decision in the case. In a case where a majority of the Board members have not heard the case or read the record, a proposal for decision will be provided to the parties for comment prior to the issuance of a final decision.

5.123 Appeals of Board Decisions

Notice of appeal of any Board decision under this Rule to the Supreme Court of Vermont must be filed with the Clerk of the Board within 30 days. Appeal will not stay the effect of Board decisions, absent further order by the Board or appropriate action by the Supreme Court of Vermont.

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

PART IV: THE NET-METERING PROGRAM

5.124 Pre-Existing Net-Metering Systems

- (A) Eligibility. A pre-existing net-metering system must:
 - (1) have a complete CPG application filed with the Board prior to January 1, 2017; and
 - the complete CPG application must have been filed at a time when the electric company was accepting net-metering systems pursuant to 30 V.S.A. §219a (h)(1)(A) as the statute existed on December 31, 2016.
- (B) Rules Applicable to the Review of CPG Applications for Pre-Existing Net
 Metering Systems. Any complete CPG application filed prior to January 1, 2017,

 shall notifybe reviewed pursuant to the applicant version of Rule 5.100 that existed at the filing istime when the complete application was filed.
- Systems. Customers using pre-existing net-metering systems shall, for a period of 10 years from the date of the net-metering system's commissioning, receive the incentive provided for in 30 V.S.A. §219a(h)(1)(K), as the statute existed on December 31, 2016. At the end of this 10-year period, for an additional 10 years, such customers using pre-existing net-metering systems shall be credited for excess generation at the electric company's blended residential rate.
- (D) Non-Bypassable Charges. For a period of 10 years from the date that a preexisting net-metering system was commissioned, a customer using that netmetering system may apply any accrued net-metering credits to any charge irrespective of whether that charge is a non-bypassable charge.
- (E) Adjustors Not Applicable to Pre-Existing Net-Metering Systems. Pre-existing netmetering systems are not subject to any siting adjustors or REC adjustors established under this Rule.
- (F) Tradeable Renewable Energy Credits. Any tradeable renewable energy credits

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

created by pre-existing net-metering systems will continue to be either retained by the customer or transferred to the electric company per the election made by the applicant at the time of application for its CPG. For CPG applications filed prior to the time when such election was available, tradeable renewable energy credits are retained by the customer.

- (G) Existing Groups Using Pre-Existing Net-Metering Systems. Notwithstanding

 Sections 5.128(C) through (E), an existing group or customer may have more than

 500 kW of pre-existing net-metering systems attributed to the group or customer

 if these net-metering arrangements were requested prior to January 1, 2017.
- (H) Major Amendments, Pre-Existing Status. A net-metering system will not be
 treated as pre-existing if it undergoes a major amendment after January 1, 2017.
 Minor amendments shall not affect a net-metering system's status as pre-existing.
- (I) Provisions of This Rule Applicable to Pre-Existing Net-Metering Systems. Preexisting net-metering systems are subject only to the following provisions of this Rule.
 - (1) 5.109 (Amendments to Approved Net-Metering Systems);
 - (2) 5.110 (Transfers and Abandonment);
 - (3) 5.125 (Energy Measurement), except that a customer is not required to install a production meter at a pre-existing system pursuant to 5.125(A)(1);
 - (4) 5.128 (Billing Standards and Procedures);
 - 5.130 (Requests for Hearing. If any person or other entity wishes to submit comments to the Board concerning an application filed pursuant to this subsection, file a motion to intervene, or request a hearing, such correspondence is due at the Board within 21 calendar days of the date that the application was submitted to the Board and all required parties. Anyone requesting a hearing must make a showing that the application raises a significant issue regarding one

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

or more of the criteria listed in Section 5.108 or the criteria conditionally waived in that section. Such a showing must go beyond general or speculative claims, and provide specific information regarding potential impacts for the criteria.

(D) Termination:

- 1. Transfer of Certificates. A certificate of public good for a net metering system is automatically transferred when the property with a net metering system is sold or otherwise conveyed. The new owner may commence net metering provided that the new owner: (1) agrees to operate and maintain the net metering system according to the terms and conditions of the certificate of public good and in compliance with this Rule 5.100 and; (2) files the Board approved transfer form with the Board and the electric company. The Board will provide a simplified transfer form for this purpose.
- 2. <u>Revocation</u>. The Board may, after notice and opportunity for hearing, revoke any certificate of public good for a net metering system for the following causes:
- b. the system was not installed, or is not being operated, in accordance with the National Electric Code or applicable interconnection standards;
- c. the holder of the certificate has failed to comply with the

 conditions of approval, representations made in the application,

 or this rule; or
 - d. other good cause exists for revocation.
 - (5) 5.111 Interconnection Requirements);
 - (6) ______5.131 (Disconnection of Net-Metering Systems); and
 - (7) 5.134 (Compliance Proceedings).
 - (J) All other net-metering facilities systems are subject to all provisions of 150this

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

Rule.

<u>5.125 Energy Measurement for Net-Metering Systems</u>

- (A) Electric energy measurement for net-metering systems must be performed in the following manner:
 - (1) At its own expense, the applicant must install a production meter to measure the electricity produced by the net-metering system.
 - (2) Individual Net-Metering System Billing: For customers who elect to wire net-metering systems such that they offset consumption on the billing meter, the billing meter establishes billing determinants for the customer's bill based on the rate schedule for the customer.
 - (a) At the end of the billing period, the electric company must net electricity produced with electricity consumed.
 - (i) If electricity consumed by the customer exceeds the
 electricity produced by the net-metering system, the
 customer must be billed the difference, net of any credit
 accumulated in the preceding 12 months. Credits may not
 be applied to non-bypassable charges as identified in a
 utility's tariff.
 - (ii) If the electricity produced by the net-metering system
 exceeds the electricity consumed, the excess generation
 must be monetized at the applicable blended residential
 rate. The monetized credit applies to all charges on the bill
 not identified as non-bypassable charges in a utility's tariff.
 - (iii) For the first 10 years after the system is commissioned, any zero or positive siting or REC adjustor set forth in the net-metering facility's CPG is multiplied by the kWh from the

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

production meter and applied to the bill as a credit. For example, the \$0.01/kWh siting adjustor for net-metering systems 15 kW or less in-will result in such systems receiving a bill credit of \$0.01/kWh multiplied by all kWh on the production meter.

- (iv) Any negative siting or REC adjustor set forth in the netmetering facility's CPG is multiplied by the kWh from the production meter and applied to the bill as an additional charge. For example, the -\$0.03/kWh REC adjustor for net-metering systems that retain their RECs will result in such systems receiving a bill charge of \$0.03/kWh multiplied by all kWh on the production meter.
- (v) If credits remain after being applied to all charges not identified in an electric company's tariff as non-bypassable charges, such credits must be tracked, applied, or carried forward on customer bills, as described in Section 5.128.
- (3) Group Net-Metering System Billing for Systems Not Directly

 Interconnected: For customers who elect to wire group net-metering
 systems such that they offset consumption on the billing meter, the billing
 meter establishes the billing determinants for the customer's bill based on
 the rate schedule for the customer.
 - (a) At the end of the billing period, the electric company must net electricity produced with electricity consumed on the generation account.
 - (i) If electricity consumed by the customer exceeds the

 electricity produced by the net-metering system, the

 customer must be billed the difference, net of any credit

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

- accumulated in the preceding 12 months. Credits may not be applied to non-bypassable charges as identified in a utility's tariff.
- exceeds the electricity consumed, the excess generation in kWh allocated to group members must be based on percentages. Allocated kWh are monetized at the applicable blended residential rate. The monetized credit applies to all charges on the bill not identified as non-bypassable charges in a utility's tariff.
- zero or positive siting or REC adjustor set forth in the netmetering facility's CPG is multiplied by the kWh from the production meter, allocated to the group members and applied to the bills as credits. For example, the \$0.01/kWh siting adjustor for net-metering systems 15 kW or less will result in such systems receiving a bill credit of \$0.01/kWh multiplied by all allocated kWh from the production meter.
- (iv) Any negative siting or REC adjustor set forth in the netmetering facility's CPG is multiplied by the kWh from the
 production meter, allocated to the group members, and
 applied to the bills as additional charges. For example, the
 negative \$0.03/kWh REC adjustor for net-metering
 systems that retain their RECs will result in such systems
 receiving a bill charge of \$0.03/kWh multiplied by all
 allocated kWh from the production meter.
- (v) If credits remain on group members' bills after being

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

applied to all charges on the bills not identified as non-bypassable charges in an electric company's tariff, such credits must be tracked, applied, or carried forward on group member bills, as described in Section 5.128.

- (4) Group Net-Metering System Billing for Systems Directly Interconnected:

 For customers who elect to wire group net-metering systems such that the generation is directly connected to the utility grid and does not also offset any customer's billing meter, the electricity produced by the net-metering system must be allocated to the group members and monetized at the applicable blended residential rate. The monetized credit applies to all charges on the bill not identified as non-bypassable charges.
 - (a) For the first 10 years after the system is commissioned, any zero or positive siting or REC adjustor set forth in the net-metering facility's CPG is multiplied by the kWh from the production meter, allocated to the group members, and applied to the bills as credits.

 For example, the \$0.01/kWh siting adjustor for net-metering systems 15 kW or less will result in such systems receiving a bill credit of \$0.01/kWh multiplied by all allocated kWh from the production meter.
 - (b) Any negative siting or REC adjustor set forth in the net-metering facility's CPG is multiplied by the kWh from the production meter, allocated to the group members, and applied to the bills as additional charges. For example, the negative \$0.03/kWh REC adjustor for net-metering systems that retain their RECs will result in such systems receiving a bill charge of \$0.03/kWh multiplied by all allocated kWh from the production meter.
 - (c) If credits remain on group members' bills after being applied to all

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

charges on the bills not identified as non-bypassable charges in an electric company's tariff, such credits must be tracked, applied, or carried forward on group member bills, as described in Section 5.128.

5.126 Determination of Applicable Rates and Adjustors

- (A) Depending on the electric company service territory in which the net-metering system is located, the blended residential rate used to determine the value of net-metering credits is the lowest of the following:
 - (1) For electric companies whose general residential service tariff does not include inclining block rates, the \$/kWh charge set forth in that utility's tariff for general residential service;
 - For electric companies whose general residential service tariff includes (2) inclining block rates, a blend of those rates determined by adding together all of the revenues to the company during the most recent calendar year from kWh sold under those block rates and dividing the sum by the total kWh sold by the company at those rates during the same year. Each electric company whose general residential service tariff includes inclining block rates must perform this calculation (1) by May 15 of each evennumbered year and (2) within 15 days of the effective date of a new tariff for general residential service that includes a change in rates of more than 5%. To the extent the calculation shows that there has been a change from the rate then in effect, the electric company must file by that same date a revision to its net-metering tariff to reflect the change. Any change to the blended residential rate calculated pursuant to this section may be included in a tariff compliance filing made pursuant to Section 5.127(H) of this Rule; or

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

(3) The weighted average of the blended residential rates for all Vermont electric companies. The average is weighted by the annual retail sales of the electric companies.

(B) The REC adjustors are determined as follows:

- (1) At the time an application for authorization to construct the net-metering system is filed with the Board, the applicant must elect whether to retain ownership of any RECs generated by the system or whether to transfer such RECs to the electric company. This election is irrevocable. The electric company must retire all RECs transferred to it by a net-metering customer.
- (2) The REC adjustor for a net-metering system must be calculated in dollars per kWh (\$/kWh) at the time the Board issues the net-metering system a CPG. A zero or positive REC adjustor applies for a period of 10 years from the date the system is commissioned; a negative REC adjustor applies in perpetuity. Both the amount and the term of the REC adjustor will be stated in the net-metering system's CPG.
- (3) Initial REC adjustors at the time this Rule becomes effective (January 1, 2017) are as follows:
 - (a) REC Adjustor (Transfer) = 3 cents per kilowatt hour;
 - (b) REC Adjustor (Retention) = negative 3 cents per kilowatt hour.
 - (c) Hydroelectric facilities net-metering under this rule are not subject to a REC adjustor.

(C) The siting adjustors are determined as follows:

(1) In order to provide incentives for the appropriate and beneficial siting of net-metering systems, each net-metering system may receive the highest-value siting adjustor for which it meets the applicable criteria. The net-metering system's siting adjustor must be expressed in dollars per kWh

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

(\$/kWh) at the time the Board issues the net-metering system a CPG. A zero or positive siting adjustor applies for a period of 10 years from the date the system is commissioned; a negative siting adjustor applies in perpetuity. Both the amount and the term of the siting adjustor must be stated in the net-metering system's CPG.

- (2) The initial siting adjustors at the time this Rule becomes effective (January 1, 2017) are as follows:
 - (a) Category I = 1 cent per kilowatt hour;
 - (b) Category II = 1 cent per kilowatt hour;
 - (c) Category III = negative 1 cent per kilowatt hour;
 - (d) Category IV = negative 3 cents per kilowatt hour;
 - (e) Hydroelectric facilities = 0 cents per kilowatt hour.

5.127 Biennial Update Proceedings

- (A) The Board must conduct a biennial update in 2018 and every two years thereafter to update the following:
 - (1) REC adjustors;
 - (2) siting adjustors;
 - (3) the statewide blended residential rate; and
 - (4) criteria applicable to different categories of net-metering systems.
- (B) In updating the REC adjustors, the Board must consider:
 - (1) the pace of renewable energy deployment necessary to be consistent with the Renewable Energy Standard program, the Comprehensive Energy Plan, and any other relevant State program;
 - (2) the total amount of renewable energy capacity shall be installed and operated commissioned in accordance with Appendix A, Vermont in the Net Metering Technical Specifications (Tables 1 through 5). Net most

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

recent two years;

- (3) the disposition of RECs generated by net-metering systems greater than 150 kW in commissioned in the past two years; and
- (4) any other information deemed appropriate by the Board.
- (C) In updating the siting adjustors, the Board must consider:
 - (1) the number and capacity of net-metering systems receiving CPGs in the most recent two years;
 - (2) the extent to which the current siting adjustors are affecting siting decisions;
 - (3) whether changes to the qualifying criteria of the categories are necessary;
 - (4) the overall pace of net-metering deployment; and
 - (5) any other information deemed appropriate by the Board.
- (D) On or before February 1 of each even-numbered year, each electric company must file with the Board and the Department of Public Service the following information regarding the state of the electric company's net-metering program:
 - (1) the number of net-metering systems interconnected with the electric company's distribution system during the past two years;
 - (2) the capacity of each system;
 - (3) the fuel source of each system;
 - (4) the REC disposition of each system;
 - (5) the siting adjustor applicable to each system; and
 - (6) any other information the electric company believes to be relevant to the biennial update.
- (E) By no later than March 1 of each even-numbered year, the Department of Public Service and the Agency of Natural Resources must file with the Board any proposed updates to the items specified in Section 5.127(A)(1)-(4) and reasons therefor.

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

- (F) Any person may file comments on the filings under (D) and (E), above, by March 15.
- (G) By May 1 of each even-numbered year, the Board may by order update the items specified in Section 5.127(A)(1)-(4), as necessary. Adjustors must be determined to ensure that net-metering deployment occurs at a reasonable pace and in furtherance of State energy goals.
- (H) Electric companies must file no later than May 15 revisions to their net-metering tariffs that incorporate the new values set forth by the Board in its biennial update order. Such tariffs must have an effective date of July 1. This tariff compliance filing may not include any other proposed changes to the utility's net-metering tariff, except for a proposed change to the utility's blended residential rate calculated pursuant to Section 5.126(A) of this Rule.
- (I) Notwithstanding the above, the Board may conduct an update sooner than biennially at its own discretion or upon petition by the Department.

5.128 Billing Standards and Procedures

- (A) Customer Billing Requirements. The bill of a net-metering customer must include the following:
 - (1) the dollar amount of any credits carried forward from the previous months;
 - (2) the dollar amount of credits that have expired in the current month;
 - (3) the dollar amount of credits generated in the current month;
 - (4) the dollar amount of credits remaining; and
 - (5) the total kWh generated by the net-metering system in the current month.
- (B) Accumulated Bill Credits. Any accumulated bill credit must be used within 12 months from the month it is earned, or it reverts to the electric company without any compensation to the net-metering customer. Bill credits may not be

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

transferred independently of a transfer of ownership of a net-metering system.

- (C) Membership in Multiple Net-Metering Groups. Individual customer accounts

 may be enrolled in only one net-metering group at a time. Customers with

 multiple accounts may enroll each account in a separate net-metering group.
- (D) 500 kW Customer Limit. The cumulative capacity of net-metering systems

 allocated to a single customer may not exceed 500 kW. For example, a customer

 who has two accounts cannot have each account allocated more than 50 percent of
 the output from two 500 kW net-metering systems because the cumulative
 capacity of the allocated share of those net-metering systems would exceed 500

 kW.
- (E) Multiple Net-Metering Systems in a Group. Groups may, subject to Board

 approval, have more than one net-metering system attributed to a group and may

 increase the capacity of existing generation attributed to the group. However, the

 cumulative capacity of net-metering systems attributed to a group may not exceed

 500 kW.
- (F) Group Member Allocations. Where the customer has, at its own expense,

 provided a separate meter for measuring production, the kWh produced by a netmetering system may be allocated to the accounts of a single customer or the
 accounts of group members. Where there is no separate production meter, only
 the excess generation may be allocated to accounts belonging to a single customer
 or to the accounts of members of a group.

5.129 Group System Requirements

(A) In addition to any other requirements in 30 V.S.A. §§ 248 and 8010, and in any applicable Board rules, before a group system may be formed and served by an electric company, the group must file the following information with the electric company:

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

- (1) The meters to be included in the group system, which must be located within the same electric company service territory;
- (2) A process for adding and removing meters in the group and an allocation of any credits among the members of the group. This allocation arrangement may be changed only on written notice to the electric company by the person designated under 5.129(A)(3), and any such change may only apply on a prospective basis;
- (3) The name and contact information for a designated person who is

 responsible for all communications from the group system to the serving
 electric company, except for communications related to billing, payment,
 and disconnection; and
- (4) A binding process for resolving any disputes among the members of a group relating to the net-metering system. This dispute resolution process may not in any way require the involvement of the electric company, the Board, or the Department. This process does not apply to disputes between the electric company and individual group members regarding billing, payment, or disconnection.
- (B) , shall follow the The electric company must implement appropriate changes to a net-metering group within 30 days after receiving written notification of such changes from the person designated under subsection 5.129(A)(3). Written notification of a change in the person designated under subsection 5.129(A)(3) is effective upon receipt by the electric company. The electric company is not liable for the consequences from actions based on such notification.
- (C) For each group member's customer account, the electric company must bill that group member directly and send directly to that group member all communications related to billing, payment, and disconnection of that group member's customer account. Any volumetric charges for any account so billed

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

must be based on the individual meter for the account.

5.130 Interconnection Requirements

The interconnection of all net-metering systems is governed by Board Rule 5.500. The applicant bears the costs of all equipment necessary to interconnect the net-metering system to the distribution grid and any distribution system upgrades necessary to ensure system stability and reliability.

5.131 Disconnection of a Net-Metering System

The following procedures contained in Board Rule 5.500.

5.112 Disconnection of a Net-Metered System

- (A) The following procedures shall govern the disconnection of a netmeteredmetering system from the electrical system. These procedures apply to net-metering eustomers systems only and do not supplant Board Rules 3.300 and 3.400 relating to company disconnection in general.
- (B) Customers that initiate A customer who initiates a permanent disconnection of their net-metering systems system must notify the electric company. The electric company must notify their respective electric company, and the electric company must notify the Board and the Department of the disconnection.
 - (A) (C) In the event anthe electric company needs to must perform an emergency disconnection of a net-metering system, when continued interconnection of the system is likely to result in significant disruption of service or is likely to endanger life or property-metering system, the electric company must notify the customer within 24 hours after the disconnection. For the purpose of this section, the term "emergency-shall mean" means a situation in which continued interconnection of the net-metering system is imminently likely to result in significant disruption of service or endanger life or property.
 - (B) 1.—If the emergency is not caused by the operation of the net-

Effective: March 1, 2001 Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

metering system, the company shall must reconnect the net-metering system upon cessation of the emergency.

2.—If the emergency is caused by the <u>operation of the</u> net-metering system, the <u>electric</u> company must—— communicate the nature of the problem to the customer within 5 days, and –attempt to resolve the problem. If the problem has not been resolved within

- (D) (D)—Non-emergency disconnections shallmust follow the same procedure as emergency disconnections outlined in subsection B above, except that the electric company willmust give written notice of the disconnection no earlier than 10 days and no later than 3 working days prior to the first date on which the disconnection of the net-metering system may is scheduled to occur. Such notice shallmust communicate to the customer the reason for disconnection to the customer and the expected duration of the disconnection. AnWith written consent from the <u>customer</u>, an electric company may obtain, at the discretion of arrange to provide the customer, a net metering customer's written agreement to with notice requirements for of non-emergency disconnections which are different from on terms other than those set forth in this Rule, provided that the electric company first advises the customer of his or her rights under this rule and informs the customer of the provisions of this Rule and that he or shethe customer may contact the Consumer Affairs and Public Information Division of the Vermont Department of Public Service. For group systems, such agreement consent may be obtained from the person designated under section $5.105(B_{129}(A)(3))$.
- (E) Customers A customer who are is involuntarily disconnected may file a

 written complaint with the Board at any time following disconnection. The

 customer must provide a copy of the complaint to the electric company and the

PSB Rule 5.100 Relating to Net Metering
Effective: March 1, 2001

Vermont

Page 1

Rule 5.100

Rule 5.100

Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

Revised: January 1, 2017 Public Service Board Page 72 of 73

<u>Department of Public Service.</u> Within 30 days of the date the complaint is filed, the Board may hold a hearing to investigate the complaint. In the event of the filing of such a complaint, the electric company <u>shallmust</u> carry the burden of proof to demonstrate the reasonableness of disconnection.

5.132 Electric Company Tracking Requirements

- (A) Generally. Electric companies:
 - (1) Must make net-metering available to any customer or group on a first-come, first-served basis;
 - (2) Must track credits by the month and year created and apply them on a first-created, first-used basis;
 - (3) May charge a reasonable fee for establishment, special meter reading, accounting, account correction, and account maintenance for a netmetering system;

May, prior to interconnection, charge a reasonable fee to cover the cost of Net-Metered Systems

- All electric companies with net-metered company distribution system improvements necessary to safely and reliably serve the net-metering customer;
- (5) May require a customer to install advanced metering infrastructure prior to serving the net-metering customer;
- (6) May require that all meters included within a group system be read on the same billing cycle; and
- (7) May require energy efficiency audits for customers shall seeking to install and operate a net-metering system if they are:
 - (a) a residential customer with historic energy consumption of 750

PSB Rule 5.100 Relating to Net Metering
Effective: March 1, 2001 Vermont Rule 5.100

Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

Revised: January 1, 2017 Public Service Board Page 73 of 73

kWh or more per month; or

(b) a commercial or industrial customer.

(B) Each electric company with net-metering customers must maintain current records of the <u>number</u>, individual capacity, cumulative <u>amount</u>capacity, and <u>disconnections</u> of net-metered-metering generation <u>installed</u> within their respective its service territories, territory.

5.133 Electric Company Tariffs

Tariffs. Pursuant to 30 V.S.A. § 225, an electric company must propose to the Board a rate schedule to implement a net-metering program in its service territory pursuant to 30 V.S.A. § 219a. Electric companies shall also keep current records regarding the number and size of net-metered systems and disconnections of net-metered systems in their service areasthis Rule to take effect on January 1, 2017. Initial tariffs filed pursuant to this Rule must be submitted to the Board no later than October 15, 2016, and must conform to the requirements of this Rule. In connection with filing an initial tariff, an electric company may request additional time to implement any provision of this Rule. The Board will grant reasonable requests where there is good cause shown.

5.114 Abandonment of a Certificate of Public Good

Non-use of a certificate of public good for a period of one year following the date on which the certificate is issued shall constitute an abandonment of the net metering system and the certificate of public good shall be considered revoked. For the purpose of this section, for a certificate to be considered used the net metering system must be installed within one year of the issuance of the certificate of public good, unless installation is delayed by litigation or unless, at the time of issuance or in a subsequent proceeding, the Board provides that installation may be completed at a later time.

PSB Rule 5.100 – Relating to Net Metering		Page 1
Effective: March 1, 2001	Vermont	Rule 5.100
Revised: July 1, 2003		
Revised: November 1, 2007		
Revised: April 15, 2009		
Revised: January 27, 2014		
Revised: January 1, 2017	Public Service Board	Page 74 of 73

PSB Rule 5.100 Relating to Net Metering
Effective: March 1, 2001

Vermont

Page 1

Rule 5.100

Rule 5.100

Revised: July 1, 2003 Revised: November 1, 2007 Revised: April 15, 2009 Revised: January 27, 2014

Revised: January 1, 2017 Public Service Board Page 75 of 73

PART V: COMPLIANCE PROCEEDINGS

5.134 Compliance Proceedings

- (A) In response to a complaint filed by any member of the public or on its own motion, the Board will refer matters concerning whether an approved netmetering system is complying with the terms of its CPG or any applicable law within the Board's jurisdiction to the Department of Public Service for investigation and to make a recommendation as to whether the Board should open a compliance proceeding or take any other steps necessary to ensure that the netmetering system continues to serve the public good.
- (B) After considering the Department's recommendation, the Board may take any or all of the following steps to ensure that a net-metering system is constructed and operated in compliance with the terms and conditions of the CPG issued for that net-metering system and any related Board order:
 - (1) Direct the certificate holder to provide the Board with an affidavit under oath or affirmation attesting that the person, company, or corporation or any facility or plant thereof is in compliance with the terms and conditions of the CPG pursuant to 30 V.S.A. 30(g);
 - (2) Direct the certificate holder to provide additional information;
 - (3) After notice and opportunity for hearing, amend or revoke any CPG for a net-metering system, impose a penalty under 30 V.S.A. § 30, or order remedial activities for any of the following causes:
 - (a) The CPG or order approving the CPG was issued based on material information that was false or misleading;
 - (b) The system was not installed, or is not being operated, in accordance with the National Electrical Code or applicable interconnection standards;
 - (c) The net-metering system was not installed or is not being operated

PSB Rule 5.100 Relating to Net Metering		Page 1
Effective: March 1, 2001	Vermont	Rule 5.100
Revised: July 1, 2003		
Revised: November 1, 2007		
Revised: April 15, 2009		
Revised: January 27, 2014		
Revised: January 1, 2017	Public Service Board	Page 76 of 73
	in accordance with the plans and evidence subm	nitted in support of
	the application or registration form or with the f	indings contained
	in the order approving the net-metering system;	
(d)	The holder of the CPG has failed to comply wit	h one or more of
	the CPG conditions, the order approving a CPG	for the net-
	metering system, or this Rule; or	
(e)	Other good cause as determined by the Board in	its discretion.
(C) If, assuming the allegations in the complaint are true, the Board determines that		
there is no probability of a violation of any CPG condition, Board order, or any		
applicable law, the Board will dismiss the complaint and inform the complainant		
and CPG holder of such dismissal.		

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