

## **ST. CROIX ELECRCIC COOPERATIVE**

1925 Ridgeway Street  
Hammond, Wisconsin 54015

### **Policy Bulletin 1007 Member Owned Interconnected Generation**

#### **I. OBJECTIVE**

To support a member's decision to operate a generating system interconnected with the cooperative's power distribution network. To comply with the requirements of the Public Utility Regulatory Policies Act (PURPA) of 1978 and all subsequent amendments.

#### **II. POLICY**

- A. Within the stated limits of this policy the cooperative shall provide net energy billing<sup>1</sup> opportunities for member owned generating systems in aggregate with a maximum of 20 kWhs per hour (A.C.) or less of generating capacity.
- B. Generating systems with an aggregate energy generating capacity of more than 20 kWhs per hour (A.C.) but less than or equal to 40 kWhs per hour (A.C.) shall be paid for all of their energy production by the cooperative at the applicable avoided cost rate <sup>2</sup> within the stated limits of this policy.
- C. Generating systems with an aggregate generating capacity in excess of 40 kWhs per hour (A.C.) will have their power production purchased by Dairyland Power Cooperative at their avoided cost rate. The terms and conditions for the energy purchase shall be set by Dairyland Power. The energy producer shall also be subject to terms and condition established by St. Croix Electric Cooperative as described in this policy.

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<sup>1</sup> Net Energy Billing provides the member the opportunity to offset their energy purchases on a per kilowatt-hour (kWh) basis from the Cooperative in amounts equal to their kWh production during any billing period.

<sup>2</sup> The Avoided Cost rate is the wholesale market value of energy on a per kilowatt-hour kWh basis. An Avoided Cost Rate is computed monthly, each for solar generating and non solar generating interconnected systems. The non solar Avoided Cost Rate is published monthly by the cooperative's wholesale power supplier. The solar weighted average Avoided Cost Rate is computed by St. Croix Electric staff each month.

### III. POLICY PROVISIONS

- A. Net energy billed member owned generating systems are limited to one (1) per member at one account<sup>3</sup> not to exceed 20 kWhs per hour (A.C.) of generating capacity in aggregate. The cooperative shall provide net energy billing of the generator's power production equal to the member's power purchases from the cooperative for the applicable billing period. The member's power production in excess of their purchases for the applicable billing period will be paid at the avoided cost rate per applicable rate Policy Bulletin 308.
- B. At accounts where the member has multiple meters (maximum of four), the energy production for purposes of net energy billing shall be applied as an off-set to the meter with the highest cost energy rate first. All accounts served under this policy shall be billed in cycle one.
- C. The member's power generation may not, in the opinion of the cooperative, have an adverse effect on line loading or control, safety or the reliability of service to other members. In the event the member's interconnected power generation is deemed by the cooperative to have an adverse effect on the quality of the electric service or safety of others, the member shall discontinue power generation immediately upon notification of such by the cooperative. The member's interconnected power generation will not be allowed to resume until actions have been taken to the satisfaction of the cooperative to correct the problems resulting in the discontinuation of interconnected power generation.
- D. The energy production capacity of a member's owned dispersed generator(s) will be deemed to be the manufacturer's name plate rating. In the event a member's power production in any 60 minute period exceeds the 20 kWhs per hour (A.C.) maximum to qualify for net energy billing, the member-producer shall be paid at the applicable avoided cost rate for all their energy production in the current billing period. If there is a second net energy billed account occurrence of power generation in excess of 20kWhs in a single 60 minute period, the power production from the generator will no longer be eligible for net energy billing. All production will then be purchased at the applicable avoided cost rate.

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<sup>3</sup> A member may have multiple electric accounts at one premise or at different locations but the ability to obtain net energy billing equal to the member's power purchases is limited to the one account where the interconnection with the utility grid occurs.

- E. The cooperative reserves the right to amend and modify this policy and its terms of service for all members including those currently operating net energy billed generating systems. The Board of Directors shall determine if members taking service under this then current policy shall be subject to all terms and conditions of any future policy modifications.
- F. The aggregate installed KW capacity of all net energy billed interconnected generating facilities shall not exceed five (5) percent of the distribution substation peak demand as determined by the Cooperative as the highest sixty (60) minute, or less, metered demand over the most recent calendar year.
- G. Possible amendments may include but are not limited to changes in the allowable maximum generating capacity qualifying for net energy billing.

#### **IV. REQUIRED / APPLICABLE INTERCONNECTION MEMBER DOCUMENTS**

##### All Installations

- Wisc. Distributed Generation Interconnection Guidelines Policy 623

##### Generator Capacity less than or equal to 20 kWhs per hour.

- Generation Interconnection Application Policy 623A.3
- Engineering Data Submittal Form Policy 623A.2
- Distributed Interconnection Agreement Policy 623A

##### Generator Capacity more than 20 kWhs per hour

- Generation Interconnection Application Policy 623A.3
- Engineering Data Submittal Form Policy 623A.2
- Distributed Interconnection Agreement Policy 623A.1

#### **V. RESPONSIBILITY**

The President / CEO shall be responsible for the administration of this policy.

Date Amended: April 1, 2013

Date Effective: Bills dated June 1, 2013 and later.

Date Amended: December 1, 2014