

**ST. CROIX ELECTRIC COOPERATIVE**  
1925 Ridgeway Street  
Hammond, Wisconsin 54015

**POLICY BULLETIN 308.2**

**Rate Code: 14S / 14W**

**Parallel Generation Solar Production Meter**

**AVAILABILITY**

To all members served under the Small Single Phase rate schedule with qualified small power production solar single-phase interconnected generating facilities with a production capacity of 20 kWhs per hour (A.C) or less connected in parallel with the Cooperative's electric system in order to serve all or part of the member's electricity requirements and subject to the terms and conditions of Policy Bulletin 1007 Interconnected Generation.

The aggregate installed generating capacity of all net energy billed interconnected generating facilities shall not exceed 5 percent of the distribution substation's actual peak demand determined as the highest 60-minute, or less, metered demand over the most recent calendar year.

**CHARACTER OF SERVICE**

Single phase, 60 hertz, at available voltages.

**MONTHLY RATE**

Fixed Charge @ \$0.13 Daily  
Grid Charge @ \$0.0200/kWh

**Net Energy Billed Credit \***

Summer	@	\$0.11200/kWh	May through September
Winter	@	\$0.09800/kWh	October through April

**Avoided Cost Energy Credit**

@ Monthly Solar Weighted Average LMP<sup>1</sup>

**Avoided Cost Capacity Credit**

@ \$0.06600/kWh June, July & August

\* Plus Applicable PCA

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<sup>1</sup> The prior month's Avoided Cost Energy Credit is applied to the current month's Net Excess Generation.

## **MINIMUM CHARGE**

The minimum billing shall be the Fixed Charge.

## **GRANDFATHERING**

Members served under an interconnected Parallel Generation rate schedule on or before August 18, 2014 shall be exempt from a Grid Charge or similar cost recovery charge applicable to all other member accounts in this rate class until the earlier of: when the installed D.C. capacity of the solar generator at the account as it existed August 18, 2014 is increased or when the member or their spouse is no longer a member residing at the account premises, or the date of May 1, 2023.

## **GRID CHARGE**

Applicable to all non grandfathered member accounts taking service under this policy.

The Grid Charge shall be assessed to the energy kWh production of the member's generation facility as metered separately from the member's energy kWh consumption each established for the same monthly billing period, except that in no monthly billing period will the Grid Charge be applied to energy kWh production in excess of the energy kWh consumed.

## **POWER COST ADJUSTMENT**

The Power Cost Adjustment (PCA) reflects incremental changes in purchased power costs. The PCA will increase/decrease by 1/100¢ per kilowatt-hour for every corresponding 1/100¢ increase/decrease in the Cooperative's total projected power cost per kilowatt-hour. The reference point for measuring such changes is a base power cost of \$0.0790 {effective 05/01/2014} per kilowatt-hour sold. The adjustment will be updated on January 1 each year and reviewed in July and changed if necessary. The PCA adjustment will be applied monthly on customer bills. A PCA will only be applied to the net kWh purchases by the consumer.

## **NET EXCESS GENERATION**

Net Excess Generation (NEG) shall mean any metered energy production from the member's qualifying onsite generation facility that exceeds their metered energy consumption at the same location within the same billing period.

## **AVOIDED CAPACITY COST CREDIT**

The Avoided Capacity Cost Credit is applicable to NEG occurring on bills dated in July, August and September only. The Avoided Capacity Cost Credit rate per kWh shall be equal to the Cooperative's wholesale power supplier's avoided capacity costs or Summer Capacity Charge and the estimated capacity factor/value of the solar generation facilities to which this credit applies.

## **AVOIDED ENERGY COST CREDIT**

The Avoided Energy Cost shall be equal to the solar-weighted monthly average hourly Day Ahead (DA) Locational Marginal Price (LMP) for energy at the DPC node under the Midwest ISO ("MISO") capacity and energy markets tariff in effect at the time of the energy deliveries. Until or unless the Cooperative has hourly NEG representative of its actual installations to use as a substitute, the hourly LMP will be weighted by the solar energy production pattern as established and made available by the National Renewable Energy Laboratory's PVWatts® Calculator as established for a 4 kW (DC rated), Standard module, fixed solar array using a tilt of 20 degrees and azimuth of 180 degrees and the nearest available weather location which at current is Minneapolis, MN. The Avoided Energy Cost Credit shall be the solar-weighted average hourly DA LMP for the month multiplied by the NEG during the month.

## **METERING**

Participation under this policy requires the installation and ongoing operation of separate metering for the member's consumption and production. The metering of consumption shall measure the total energy consumption at the member's location regardless of whether said energy is provided by the Cooperative or by the member's onsite generation facility. The metering of production shall measure the total energy production of the member's onsite solar generation facility. Each meter shall be read monthly.

## **TERMS OF PAYMENT**

The rates for electric energy are net amounts. The gross amount being 3 percent additional. The amount of 3 percent will be added to any bill remaining unpaid after the due date shown on the bill. Timely payment shall be considered to be made when amounts due are actually received at the Cooperative's office counter or electronic funds are available, on or before the due date shown on the bill. Payments made via the after-hours depository shall be marked paid as of 4:30 p.m. each business day. Payments made via the Cooperative's on-line bill pay site shall be marked paid as of 11:59 p.m. each business day. Payments received after business hours, Saturday, Sunday and holidays shall be marked paid the next business day.

In order to avoid ill will from those customers, who seldom make untimely payments, one late payment will be allowed each calendar year without incurring the late payment charge.

**RENEWABLE ENERGY CERTIFICATES (REC)**

Ownership of any RECs shall remain with the member.

Date Adopted: 12/01/14

Date Revised: 02/02/15