
**DISTRIBUTED RENEWABLE ENERGY PROGRAM
GENERATORS WITH A CAPACITY OF 20 KW AND LESS**

Availability

This rate is available only to Member-Consumers who operate renewable electric generation facilities with a nameplate capacity of 20 kW or less and are interconnected with the Cooperative's system, to generate a portion or all of the Member-Consumer's own electricity. If a Member-Consumer has more than one electric generator, the generator's rating(s) shall be summed and the sum may not exceed 20 kW.

The Cooperative's Distributed Renewable Energy Program is available on a first come, first serve basis until the nameplate capacity of all participating generators is equal to the maximum program limit of 1% of the Cooperative's peak load for the preceding calendar year. The maximum program limit of 1% shall be further allocated as follows:

- a) No more than 0.5% for Member-Consumers with a system capable of generating 20 kilowatts or less.
- b) No more than 0.25% for Member-Consumers with a system capable of generating more than 20 kilowatts but not more than 150 kilowatts.
- c) No more than 0.25% for Member-Consumers with a system capable of generating more than 150 kilowatts, but not more than 550 kW.

Upon enrolling in the Distributed Renewable Energy Program Member-Consumers shall be eligible to continue participation for a minimum period of ten years. A participating Member-Consumer may terminate participation in the Cooperative's Net Metering Program at any time for any reason.

Member-Consumer Eligibility

To be eligible to participate in the Distributed Renewable Energy Program, Member-Consumers must (1) generate a portion or all of their own retail electricity requirements using an eligible electric generator as defined in MCL 460.1005, specifically solar, wind, geothermal, biomass, including waste-to energy and landfill gas, or hydroelectric, and (2) be Full Requirements Service Member-Consumers taking service under one of the Cooperative's standard electric rates.

Member-Consumers wishing to participate in the Distributed Renewable Energy Program shall obtain a Distributed Renewable Energy Application from the Cooperative and submit the completed application, including the \$100.00 application fee, for review. Upon approval of the Distributed Renewable Energy Application, the Cooperative shall issue a Distributed Renewable Energy and Interconnection Agreement to be signed by the Member-Consumer and the Cooperative. A copy of the signed agreement will be kept on file at the Cooperative. A signed Distributed Renewable Energy and Interconnection Agreement ("Agreement") is required prior to interconnection of the Member-Consumer's generator to the Cooperative's facilities.

The interconnection device used to connect the Member-Consumer's renewable energy generator with the Cooperative's facilities shall comply with the requirements of IEEE standard 519 and 1547, and Underwriters Laboratories standard UL-1741 Scope 1.1a for utility-interactive (grid-connected) power systems.

The generation equipment must be located on the Member-Consumer's premises, serving only the Member-Consumer's premises and must be intended primarily to offset a portion or all of the Member-Consumer's requirements for electricity. At the Member-Consumer's option, the generation capacity shall be determined by one of the following methods:

- a) Aggregate nameplate capacity of the generator(s).
- b) Aggregate projected annual kWh output of the generators(s)

(Continued on Sheet No. D-23.21)

**DISTRIBUTED RENEWABLE ENERGY PROGRAM
GENERATORS WITH A CAPACITY OF 20 KW AND LESS**
(Continued From Sheet No. D-23.20)

The Member-Consumer is required to provide the Cooperative with the capacity rating in kW of the generating unit(s) and a projection of the annual kWh output of the generating unit(s) when completing the Cooperative's Distributed Renewable Energy Application.

The Member-Consumer shall determine its annual electricity needs using one of the following methods:

- a) The Member-Consumer's annual energy usage, measured in kWh, during the previous 12 month period:
- b) Where metered demand data is available, the maximum integrated hourly demand measured in kW during the previous 12 month period: or
- c) In cases where no data, incomplete data, or incorrect data for the Member-Consumer's past annual energy usage is available, or where the Member-Consumer is making changes on-site that will affect their future total annual electric usage, the Cooperative and the Member-Consumer shall mutually agree on a method to determine the Member-Consumer's future annual energy usage.

Metering

The Member-Consumer's usage shall be determined with metering capable of measuring the flow of electricity in both directions. The metering for electricity flowing from the Member-Consumer's premises shall have the same capabilities as the metering required for normal administration of the applicable standard service tariff. The Member-Consumer shall pay the incremental cost of all such metering above that for meters provided for similarly situated non-generating Member-Consumers. Any service upgrades, protective or power quality equipment/devices necessary to accommodate the output of the generating unit(s), as determined by the Cooperative, shall be at the Member-Consumer's expense.

Monthly Charges:

The Total Monthly Charges to be paid by the Member-Consumer shall be the sum of the following:

- a) The Monthly Charge specified in the standard service tariff, and
- b) The charges for the total energy delivered to the Member-Consumer during the month determined pursuant to the Cooperative's applicable standard service tariff, and
- c) A generation credit determined by application of the monthly average real-time locational marginal price (LMP) for energy at the commercial pricing (CP) node within the Cooperative's distribution service territory **or \$0.065 whichever is less** to the total energy (kWh) delivered to the Cooperative during the month plus any dollar amount net excess generation carried over from the prior month. For rates with time-of-use kWh charges, the LMP shall be determined and applied in a manner consistent with the time of use period.

In no instance, shall the Total Monthly Charges be less than the Monthly Charges specified in the standard service tariff, which shall be payable each month. If the Total Monthly Charges are equal to the Monthly Charge, all unused dollar amount of excess generation credit shall carry over and be available for determination of the generation credit in the following month's bill. Any dollar amount of excess generation credit carried forward to the following month that is not used up that month shall be carried forward for use in subsequent billing periods. If a Member-Consumer terminates service with the Cooperative while having a Distributed Renewable Energy credit amount on their account, the Cooperative shall refund the remaining credit amount to the Member-Consumer following a final reading by the Cooperative of the Member-Consumer's Distributed Renewable Energy meter.