

CITY OF ST. LOUIS

NET METERING PROGRAM

JANUARY 2017

The City of St. Louis Net Metering Program offers City electric residential and business customers the opportunity to support renewable energy. It enables our customers who generate electricity using renewable energy sources to connect to the electric utility grid and to send electricity back to the grid at times when their generation exceeds their own use. The customer receives a credit for the “net excess generation” (NEG) and may use these credits to offset their use of electricity supplied by the utility.

The Program has two categories:

Category 1: 20 kilowatts (kW) or less

Category 2: Over 20 kilowatts to 150 kW

The Net Metering Program is available to our customers until the size of the program reaches 1% of the City’s previous year retail energy sales in megawatt-hours (MWh). The 1% for Program capacity will be measured against the total of the generator nameplate capabilities multiplied by the capacity factor for all participating customer’s generators and is split into the following categories:

Category 1: 0.5%

Category 2: 0.5%

The total of these splits will equal the 1% for the Program capacity. This program is voluntary and is available on a first-come, first served basis. Once the Program has reached its Program capacity, no additional customers will be included in the Net Metering Program.

CUSTOMER ELIGIBILITY

To participate in the Net Metering Program, a customer must generate a portion or all of their own electricity requirements with an eligible electric generator which utilizes a qualified renewable energy resource. These are solar, wind, hydropower, geothermal, energy storage systems or qualified biomass resources.

Customers classes A-1 thru A-4, B, C and D are eligible to participate. A net metering customer with a load factor of less than 30% for three or more consecutive months is not eligible for rate B. Load factor is defined as the energy consumption over a billing period divided by the product of the time in the billing period and the maximum demand during that billing period.

In order to participate, a customer must meet current payment terms of any pre-existing contracts or tariffs with the City, including those imposed by participation in the Net Metering Program, or those required by the interconnection of a customer’s eligible electric generator to the City’s distribution system.

Eligible customers will be placed into the appropriate Net Metering category based on the aggregate nameplate capacity of the electric generator(s) located on the customer's premises.

The customer must meet approved interconnection requirements before participating in this program.

GENERATOR REQUIREMENTS

The eligible electric generator(s) must be located on the customer's premises, serving only the customer's premises and must be intended primarily to offset a portion or all of the customer's requirement for electricity. The renewable generator may not be sized to exceed the customer's annual electricity needs.

The customer's requirement for electricity shall be determined by one of the following methods:

1. The customer's annual energy usage, measured in kWh, during the previous 12 month period,
2. When metered demand is available, the maximum integrated hourly demand measured in kW during the previous 12-month period,
3. In instances where complete and correct data is not available, or where the customer is making changes onsite that will affect total usage, the City and the customer shall mutually agree on a method to determine the customer's electric requirement for electricity.

The aggregate capacity of eligible electric generators shall be the aggregate nameplate capacity of the generator(s). The nameplate capacity of the renewable generator(s) may not exceed 150 kilowatts.

The customer is responsible for ensuring compliance with all technical, engineering and operational requirements of the eligible generation equipment suitable for the City's distribution system.

METERING REQUIREMENTS

The customer must have an electronic bi-directional billing meter and a separate generation meter. These will be specified and furnished by the City of St. Louis' Municipal Electric Department along with the meter sockets. Installation and maintenance costs of this meter equipment is the responsibility of the customer.

APPLYING FOR NET METERING

The customer must submit an application along with the \$100 non-refundable application fee to the City. Once the application has been reviewed, the City will contact the applicant to discuss the application and assist in developing an Interconnection Agreement specific to the proposed project. Upon acceptance of the Interconnection Agreement by the customer and the completion of the proposed installation, a generation meter will be installed. If the project is a retrofit of an existing electrical customer, the existing electric meter will be replaced with a Net Meter, otherwise if this is a new customer project, the Net Meter will be installed at this time. The generation meter will record the output of the renewable generator. The Net Meter will record the electric energy supplied by the City and will also record the electric energy supplied by the customer's renewable source that is delivered back to the City.

NET METERING CUSTOMER CHARGES

In addition to all other applicable customer charges, net metering customers will receive a monthly charge as follows:

With aggregate nameplate generation up to 20 kW:	\$25/month
Aggregate nameplate generation greater than 20kW up to 50kW:	\$75/month
Aggregate nameplate generation greater than 50kW up to 150kW:	\$125/month

CREDIT FOR EXCESS ENERGY PRODUCTION

For non-residential (Rate B, C and D) customers with solar and wind energy projects, the credit to the customer's bill for net excess generation shall be based on the weighted average of hourly pricing for the previous rolling 12-month average of MISO real-time locational marginal pricing at the City's commercial pricing node for hours ending at 8:00 am through and including 11: 00 p.m. for all Saturdays, Sundays and the following holidays:

- New Year's Day
- Memorial Day
- Independence Day
- Labor Day
- Thanksgiving
- Friday after Thanksgiving
- Christmas Eve
- Christmas Day
- New Year's Eve

For residential (Rate A-1 through A-4) customers with solar and wind projects, the credit calculation shall be based on the previous 12-month average of MISO real-time pricing at the City's pricing node for **all hours**.

Other types of qualifying renewable generation will be evaluated based on their projected capacity factor and performance curve over time. For all rate classes, the electric service cost offset by the customer-owned generation credit will be settled in the billing month in which it occurs. Any net excess generation credits will not be transferred forward. Under no circumstances shall the net excess generation credit amount exceed the cost of electrical service from the City.