

AMEREN ILLINOIS

COMMUNITY SOLAR
(AGGREGATED NET METERING)

A GUIDEBOOK FOR Generator Owners



PURPOSE

Ameren Illinois has created this handbook to support the successful implementation of Aggregated Net Metering. A thorough review and understanding of this handbook will help the Generation Owner understand the process, how to add subscribers, how to allocated subscriptions, understand customer data provided to ensure a successful result for customers.



ACRONYMS/ABBREVIATIONS

AC – Alternating Current
ANM – Aggregated Net Metering
COGF – Collectively Owned Generation Facility
CRGP – Community Renewable Generation Project
DC – Direct Current
DS-1 – Residential Electric Service Tariff
DS-2 – Non-Residential Electric Service Tariff
DER – Distributed Energy Resources
GO – Generation Owner
ICC – Illinois Commerce Commission

ACRONYMS/ABBREVIATIONS

IPA – Illinois Power Agency
KV – Kilovolt
KW – Kilowatt
LICS – Low Income Community Solar
MW – Megawatt
POSG – Private On-Site Generation
PGR – Private Generation Rebates
PTR – Peak Time Rewards
RES – Retail Electric Supplier
VNM – Virtual Net Metering

YOUR ELECTRICITY: WHO IS INVOLVED?

- Ameren Illinois: An energy delivery company that delivers electricity and natural gas to Illinois homes and businesses in its service territory. Ameren Illinois does not generate electricity.
- Illinois Commerce Commission (ICC): A state government agency that rules and regulations for handling procedures for Net Metering / Community Solar (Aggregated Net Metering).
- Retail Electric Suppliers (RES): Companies that market electricity directly to residents and businesses. The RES may generate the electricity itself or purchase it from the market.
- Residential and Small Commercial Retail Customers: A residential customer is any customer taking service under the Ameren Illinois residential electric service tariff (DS-1) and a small commercial retail customer is a non-residential customer taking service under the Ameren Illinois non-residential electric service tariff (DS-2).
- Subscriber: A retail customer who has a subscription to a CRGP or LICs and is located in Ameren Illinois service territory. A Subscriber may have a subscription in more than one CRGP or LICs area. A COGF participating customer is not considered a subscriber.

AGGREGATED NET METERING OVERVIEW

• The Law

The first section of 220 ILCS 5/16-107.5 states the following:

- “The Legislature finds and declares that a program to provide net electricity metering, as defined in this Section, for eligible customers can encourage private investment in renewable energy resources, stimulate economic growth, enhance the continued diversification of Illinois' energy resource mix, and protect the Illinois environment.”



• The Net Metering Tariff

- Subscribers must successfully complete an Application for Service in compliance with 83 Ill. Adm. Code 465, and customers with on-site private generation must comply with the interconnection requirements within 83 Ill. Adm. Code 466.
- Generation owners providing subscriptions may register their subscribers for service under this tariff with the consent of the subscriber. Subscribers may be eligible to receive service under this tariff simultaneously from multiple subscriptions or combined on-site private generation. Subscriptions under this Rider NM will be available upon completion of the programming and development of the information technology infrastructure necessary to support the specialized billing, which is currently anticipated to be completed in Fall 2018.

• The Illinois Rebate Tariff

- More to information to come – this tariff is currently being created

WHAT IS A GENERATION FACILITY?

- A Generation Facility (COGF) mean an electric generating facility located in Ameren Illinois service territory, powered by solar, wind, dedicated crops grown for electricity generation, agricultural residues, untreated and unadulterated wood waste, landscaping trimmings, livestock manure, anaerobic digestion of livestock or food processing waste, fuel cells or micro-turbines powered by renewable fuels, or hydro-electric energy interconnected at a distribution level voltages under the provisions of 83 Ill. Adm. Code 466.

ELIGIBLE SUBSCRIBERS

- Eligible Subscribers are retail customers who are located in Ameren Illinois service territory and have agreed to the electric service under the terms of Ameren Illinois' NM (Net Metering) Rider.
 - Subscribers are not allowed to simultaneously take service under Rider NM and service under Rider QF – Qualifying Facilities (Rider QF) or Rider NM and service under Rider PTR – Peak Time Rewards (Rider PTR).
- Subscribers contract with the generator owners for a subscription entitling them to the output of a certain portion of a generator. These subscriptions are portable (can be used anywhere in Ameren Illinois territory) and transferrable (subscriptions can be sold or given to other participants). The terms and conditions associated with the sale and transfer of subscriptions are between the generator owner and the customer/subscriber.
- Subscribers must authorize the generator owner to enroll them in Ameren Illinois net metering service. Ameren Illinois may ask customers/subscribers for their authorization to release information about their usage and billing to the generator owner.

DISTRIBUTED GENERATION INTERCONNECTION PROCESS

- A Generation Owner must complete their Interconnection Request Application Form and application fee.

Note: The primary contact must be an authorized person for the Generation Facility, not an Agent, Broker, or Consultant.

- Access our [website](#) for required documents and additional information.

RENEWABLES PORTAL LOG IN

- Once the Generation Owner receives, their letter of approval from Ameren Illinois will provide access to the Generation Owner by sending an email with a link to the Renewables Portal.
 - Step-by-step instructions are provided in the Aggregated Net Metering Portal Log In and User Guide located at <https://anm.ameren.com>

RENEWABLES PORTAL USER AND RECORDS MANAGEMENT

- Levels of access rights within the Renewables Portal
 - External Admin – these users can maintain the following:
 - Nickname for the Generation Unit
 - View Generation Unit data
 - Add and maintain the subscribers and their allocations
 - Add and maintain the recipient for DG Rebate
 - Add and Deactivate External View Only users
 - Request and Export reports

External Admins will not provide access to Subscribers or add users with a distribution list (group) email account.

- External View Only – these users can view the following:
 - View Generation Unit data
 - Request and Export reports

RENEWABLES PORTAL REPORTS

- GENERATION UNIT DAILY USAGE REPORT
- GENERATOR-SUBSCRIBER DAILY USAGE REPORT
- GENERATOR-SUBSCRIBER CONTRACT REPORT
- SUBSCRIBER DAILY USAGE REPORT

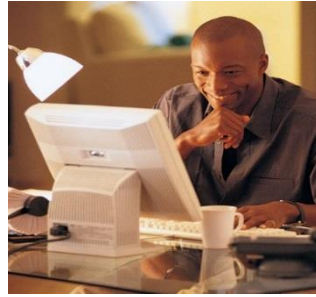
UNDERSTANDING NET METERING BILLING

The following is a net metering billing scenario for customers initiating service under Rider Net Metering, subsequent to June 1, 2017 but prior to reaching the 5% threshold.

Type of NM Customer	Delivery Service Netted?	Delivery Service Netting Carried to Anniversary Date?	Supply Service Netted?	Supply Service Netting Carried to Anniversary Date?
Onsite – non-competitive; fixed rate; no rebate.	Yes	Yes	Yes	Yes
Onsite – non-competitive; fixed rate; received rebate.	No	N/A	Yes	Yes
Subscriber – non-competitive; fixed rate.	No	N/A	Yes	Yes
Onsite – non-competitive; hourly; no rebate.	Yes	Yes	Yes	Yes
Onsite – non-competitive; hourly; received rebate.	No	N/A	Yes	Yes
Subscriber – non-competitive; hourly.	No	N/A	Yes	Yes
Onsite – competitive; regardless of rebate.	No	N/A	Yes	No
Subscriber – competitive.	No	N/A	Yes	No

The following is a net metering billing scenario for customers initiating service under Rider Net Metering, subsequent to reaching the 5% threshold.

Type of NM Customer	Delivery Service Netted?	Delivery Service Netting Carried to Anniversary Date?	Supply Service Netted?	Supply Service Netting Carried to Anniversary Date?
Onsite – non-competitive; fixed rate; regardless of rebate.	No	N/A	Yes	Yes
Subscriber – non-competitive; fixed rate.	No	N/A	Yes	Yes
Onsite – non-competitive; hourly; regardless of rebate.	No	N/A	Yes	No
Subscriber – non-competitive; hourly.	No	N/A	Yes	No
Onsite – competitive; regardless of rebate.	No	N/A	Yes	No
Subscriber – competitive.	No	N/A	Yes	No



COMMUNICATIONS

Ameren Illinois Communications:

Customers who have questions about Community Solar should contact Ameren Illinois Customer Service at 1-800-755-5000.

Ameren Illinois Print Materials:

- Community Solar Overview
 - For Generation Owners and Subscribers
- Renewables Portal Log-In and User Guide

Websites:

- Ameren.com/illinois/electric-choice/renewables
- Ameren.com/illinois/electric-choice/distributed-generation
- Ameren.com/illinois/electric-choice/net-metering
- Ameren.com/illinois/electric-choice/qualifying-facilities

OUR COMMITMENT TO COMMUNITIES

To support customers in Community Solar, also known as Aggregated Net Metering, which will allow customers to use the energy output of off sight generation to reduce billed usage at their homes or businesses.

Participating customers contract with the Generator Owner(s) for a subscription entitling them to the energy output of a certain portion of a generator.

These subscriptions are portable (can be used anywhere in Ameren Illinois territory) and transferrable (subscriptions can be sold or given to other participants). The terms and conditions associated with the sale and transfer of subscriptions are between the Generator Owner and the customer.