



NEW YORK
STATE OF
OPPORTUNITY.

NY-Sun

Community Distributed Generation



August 27, 2015

Webinar Overview

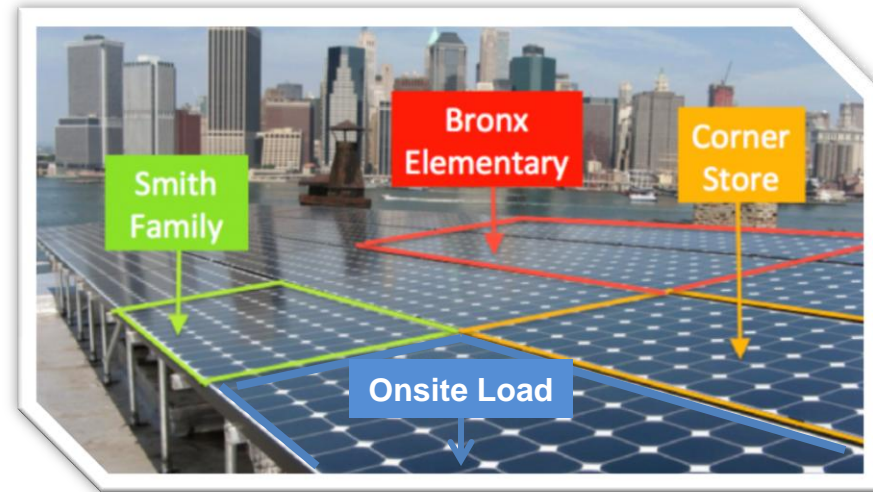
1. Introduction
2. Net Metered Community DG
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Introduction

Community Distributed Generation

The Community Distributed Generation (Community DG) program extends New York's current net energy metering policy guidelines to expand access to renewable energy.



Source: Vote Solar

Community DG Stakeholder Responsibilities

Utility

- Track and distribute the credits from the Community DG facility to members

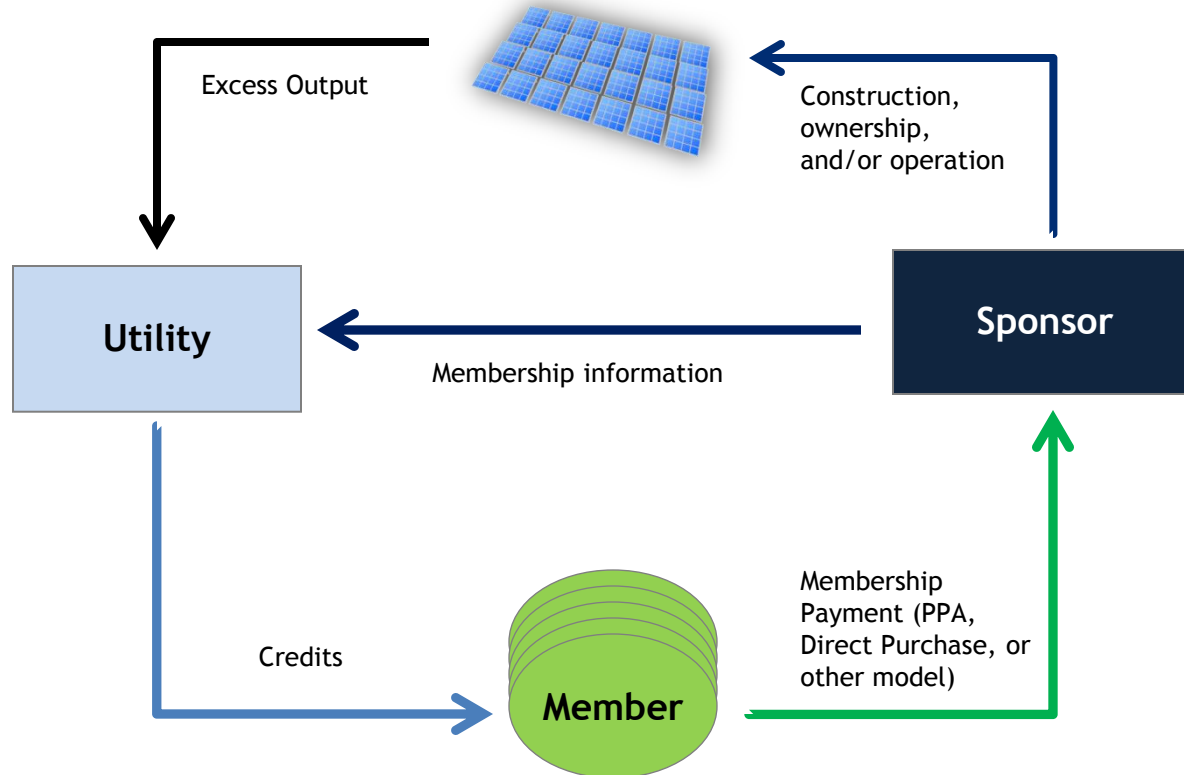
Sponsor

- Aggregate members & collect payment
- Build, own, and/or operate generation facility
- Provide the utility with member information
- Distribute excess credits to members
- Can be a Project Developer, ESCO, Business or Non-Profit, LLC, partnership, or other form of business or civic association

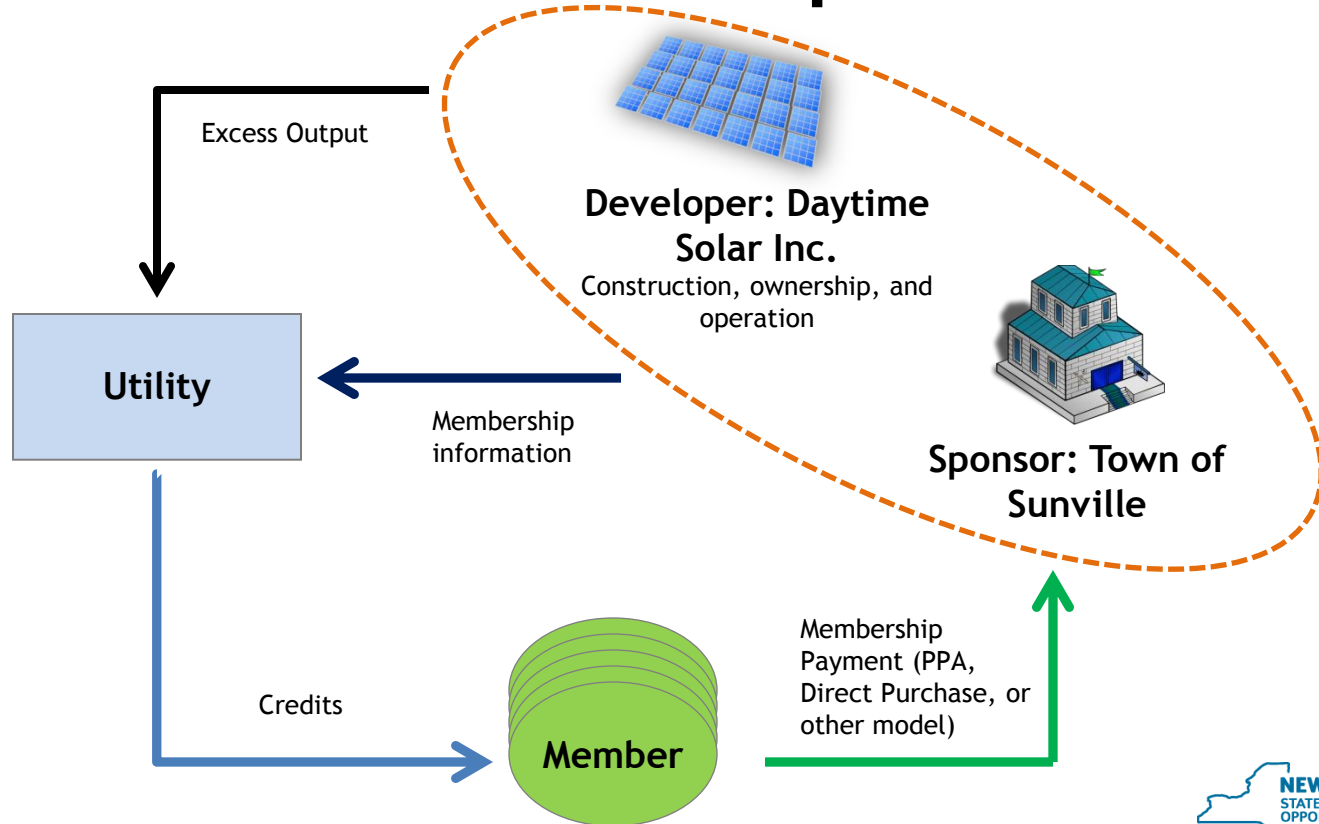
Member

- Receive net metering credits (purchase, PPA, lease or other model)

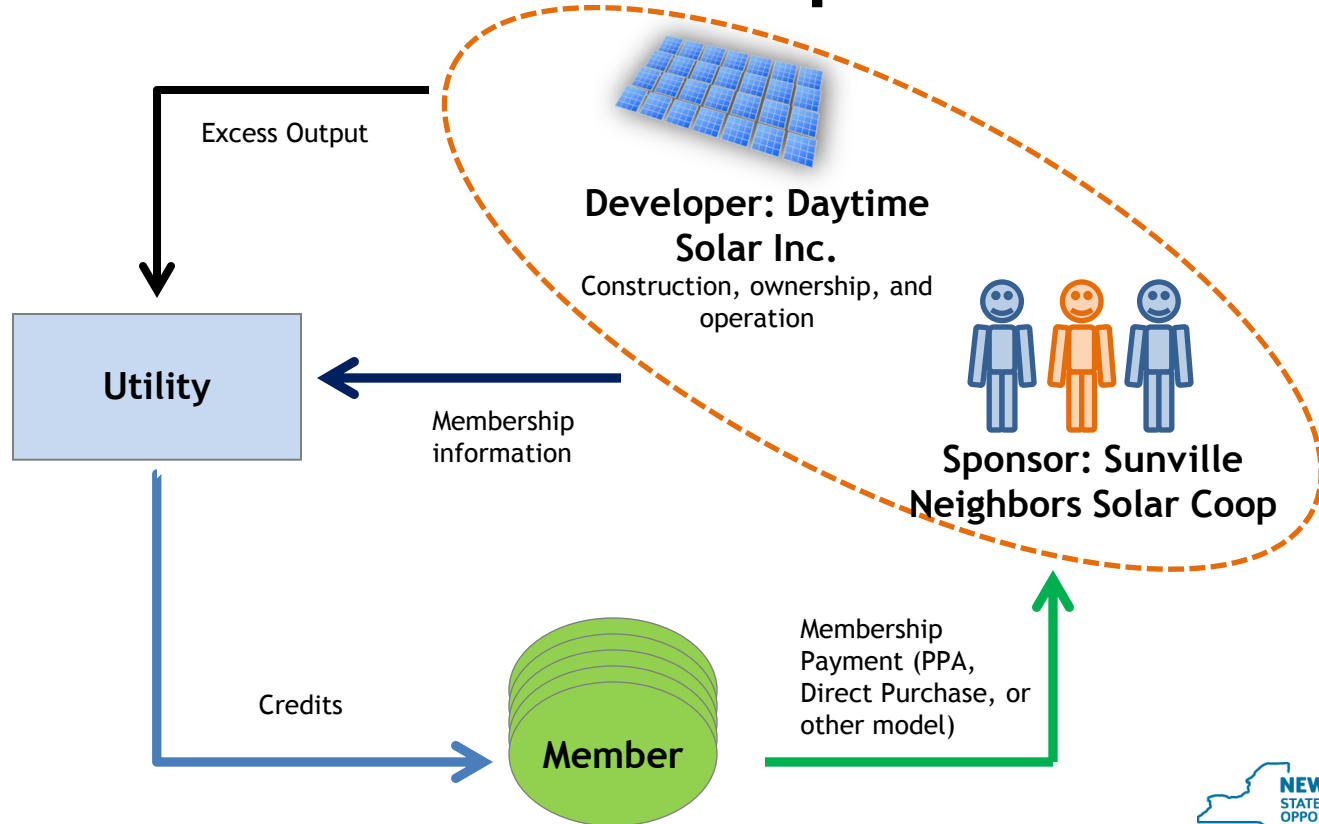
Community DG Stakeholder Interaction



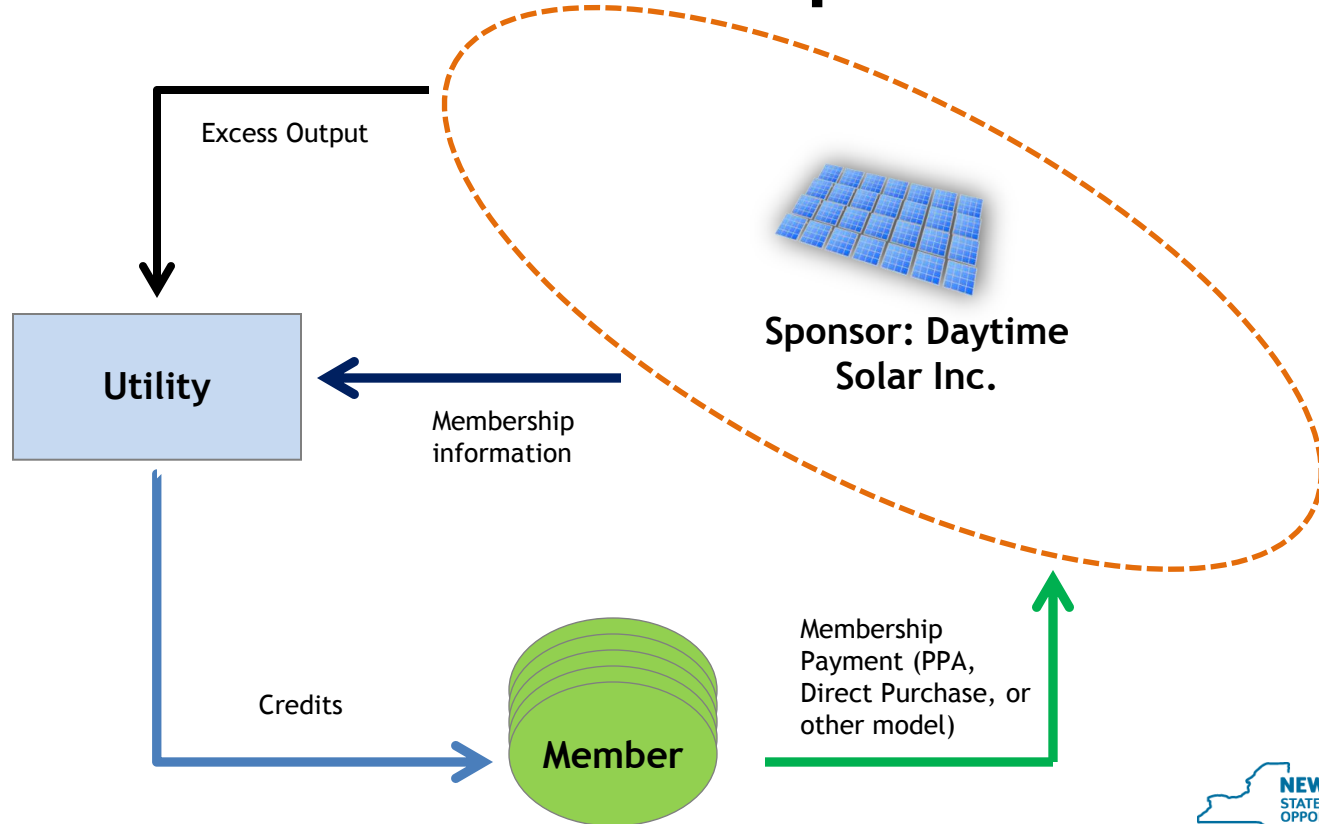
Potential Examples



Potential Examples



Potential Examples



Net Metered Community DG

Net Metered Community DG

- **Technology:** PV and Wind up to 2 MW-ac, ADG up to 1 MW-ac, Fuel Cell up to 1.5 MW-ac
- **Host Account Type:** Non-residential, behind-the-meter host account under either a demand or non-demand classification
- **Member Account Type:** Any utility customer

Net Metered Community DG

Volumetric Crediting:

Non-demand host meters: CDG project's net metered output will offset the member's retail rate.

Monetary Crediting:

Demand host meters: CDG project's net metered output will be credited at the host meter's retail rate.

Community DG Membership

Membership Conditions

- At least ten members must participate
- Members must be located in the same utility territory and NYISO load zone where the project is located.
- Minimum member allocation of 1,000 kWh annually
- Maximum Member Allocation of the member's historic average annual consumption

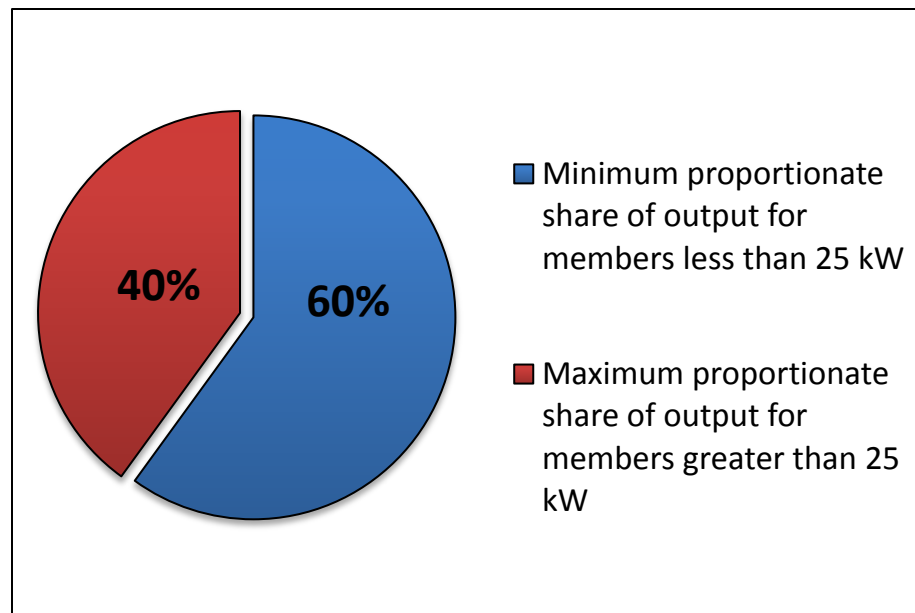
Membership Conditions, Continued

- Membership terms, including exit or transfer, are defined by the member's contractual relationship with the sponsor
- If a member's participation is terminated by the sponsor (for non-payment or otherwise), it will not affect the member's utility service.

Membership Conditions, Continued

Distribution of Project Facility's Output Amongst Members

- Members sized at more than 25 kW may not take up more than 40% of the facility output in total (with the exception of master-metered multi-unit buildings)



Membership Conditions, Continued

- **Multi-Unit Master Metered Buildings**
 - Building owner may represent building occupants as indirect participants
 - The building owner would be the Community DG project member
 - Building owner would distribute credits to the building's participating occupants



Community DG Project Sponsor

Community DG Project Sponsor

- **Qualifying Entity:** Project Developer, ESCO, Business or Non-Profit, LLC, a partnership, or other form of business or civic association
- **Responsibilities:**
 - Oversee the construction, operation, and ownership of the Community DG facility
 - Interface with utility, providing membership information for the distribution of credits
 - Manage membership

Community DG Project Sponsor, Continued

Membership Information List

Sponsor must provide utility with member account information and % allocation of net metering credits from project

Initial Submission

Sponsor must submit its initial membership information list to the utility at least 60 days prior to allocating credits to members (this information is not required at the time the preliminary interconnection application)

Modifications

Sponsor may modify membership information on a monthly basis

Community DG Project Sponsor, Continued

- **Sponsor's Excess Credits**
 - A sponsor may accumulate credits due to project under-subscription or member defaults
 - The sponsor must report to the utility the amount of excess credits to be held by the sponsor at the host meter
 - Once a year, sponsor must provide the utility with an allocation for distributing those credits to the membership or the credits will expire

Community DG Phase 1

Community DG Phase 1 Implementation

Time Period: October 19, 2015 through April 30, 2016

Eligible Projects Requirements: Phase 1 Projects must advance REV goals, meeting one of the following two conditions:

- **Located in a Community DG Opportunity Zones** - Areas that utilities will identify in GIS files, comprising at least 40% of a utility's service territory
- **Low-income participation** - Membership include at least 20% low-income customers, defined as a customer participating in an Assistance Program, Home Energy Assistance Program, or a utility-administered low-income discount program
- Projects that do not qualify as Phase I projects may file CDG preliminary interconnection applications with a utility and wait to be interconnected after the end of Phase 1

Community DG Phase 1 Implementation, Continued

- **CDG Opportunity Zone vs. NY-Sun Strategic Zone:**
 - NY-Sun Strategic Zones are different than CDG Opportunity Zones
 - CDG Opportunity Zones outside of NY-Sun Strategic Zones do not receive additional incentive

Community DG Timeline



CDG Projects and NYSERDA Programs

CDG Projects and NYSERDA Programs

Community DG projects are eligible for funding under existing NYSERDA Customer Sited Tier Programs

- PONs 2112 and 3082 (NY Sun PV)
- PON 2828 (ADG to Electricity)
- PON 2157 (Large Fuel Cell)
- PON 2439 (Small Wind)

CDG Projects and NYSERDA Programs

Program application changes for CDG Projects:

- **PONs 2828, 2157, 2439**
 - None
- **NY Sun Small Commercial and Commercial/Industrial**
 - Project size limitation of 110% of load does not apply to CDG projects
- **NY Sun Commercial/Industrial**
 - Binding agreement with customer will not be required at time of application for incentives but customer list will be required prior to first payment (Commercial Operation)

CDG Projects and NYSERDA Programs

Program application changes for CDG Projects, Cont:

- **NY Sun Commercial/Industrial**
 - CDG Projects in ROS receive Volumetric Incentive
 - Requirement to provide electric bills at time of application does not apply but sponsor must indicate proportion of customer load that pays RPS surcharge prior to invoicing

Community DG Timeline



Q & A