Community Distributed Generation
Webinar Overview

1. Introduction
2. Net Metered Community DG
3. Membership
4. Sponsor
5. CDG Phase 1
6. CDG Projects and NYSERDA Programs
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

- Utility
  - Excess Output
  - Membership information
  - Credits

- Sponsor
  - Construction, ownership, and/or operation
  - Membership information
  - Membership Payment (PPA, Direct Purchase, or other model)

- Member
Potential Examples

Developer: Daytime Solar Inc.
Construction, ownership, and operation

Sponsor: Town of Sunville

Utility

Excess Output

Membership information

Member

Credits

Membership Payment (PPA, Direct Purchase, or other model)
Potential Examples

Excess Output

Developer: Daytime Solar Inc.
Construction, ownership, and operation

Sponsor: Sunville Neighbors Solar Coop

Membership information

Membership Payment (PPA, Direct Purchase, or other model)

Utility

Credits

Member
Potential Examples

Excess Output

Utility

Membership information

Member

Credits

Sponsor: Daytime Solar Inc.

Membership Payment (PPA, Direct Purchase, or other model)
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)

![Pie chart showing distribution of output]

- Minimum proportionate share of output for members less than 25 kW
- Maximum proportionate share of output for members greater than 25 kW
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

- **February 10th**: Straw Proposal Released
- **July 17th**: CDG Order Released
- **September 1st**: Utility Community DG Opportunity Zones Filing Deadline
- **September 9th**: CDG Low Income Collaborative Meeting
- **September 15th**: Utility Tariff Filing Deadline
- **October 19th**: CDG Phase 1 Interconnection opens
- **May 1st**: CDG Phase 2 Interconnection opens
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

- **February 10th**: Straw Proposal Released
- **July 17th**: CDG Order Released
- **September 1st**: Utility Community DG Opportunity Zones Filing Deadline
- **September 9th**: CDG Low Income Collaborative Meeting
- **September 15th**: Utility Tariff Filing Deadline
- **October 19th**: CDG Phase 1 Interconnection opens
- **May 1st**: CDG Phase 2 Interconnection opens