



# Reforming the Energy Vision (REV) and NY-SUN Overview



December 2015

## What is REV: Core Approaches

The State's Reforming the Energy Vision (REV) policy initiative is centered on three core approaches that will drive transformation:

- [Regulatory Reform \(PSC\)](#) – “REV” Proceedings
- [Market Activation \(NYSERDA\)](#) – Clean Energy Fund
- [Leading by Example \(NYPA\)](#) – Grid & Public Facilities



## What is REV: Outcomes

- A cleaner environment by 2030
  - 40% reduction in greenhouse gas emissions from 1990 levels
  - 50% of all New York’s energy must be generated from renewable sources
  - 23% reduction in energy consumption of buildings from 2012 levels
- A stronger and healthier economy
- More affordable energy
- Empowered customers
- A more resilient energy system



## REV-Related PSC Proceedings

- “REV” Tracks 1 and 2 & Clean Energy Standard (14-M-0101)
- Large-Scale Renewables (15-E-0302)
- Clean Energy Fund (14-M-0094)
- NY Green Bank (13-M-0412)
- NY-Sun (03-E-0188)
- Community DG (14-M-0224)



## CEF Overview

- A proposed 10-year, \$5 billion funding commitment to support increased scale and impact of clean energy
- The next evolution of State clean energy programs, modified to:
  - Improve market readiness of clean energy solutions
  - Increase private investment to leverage ratepayer funds
- Four Portfolios:
  - Market Development
  - Innovation
  - NY Green Bank
  - NY-Sun



# Overview of Current NY-Sun Programs



# NY-Sun Programs

- **NY-Sun Incentive Programs**
  - <200 kW Residential/Small Commercial
  - >200 kW Commercial/Industrial
- **Lowering Balance of System Costs**
  - Shared Solar
  - Solarize
  - K-Solar
  - PV Trainers Network
- **Financial Support**
  - Affordable Solar
  - Green Jobs - Green New York
  - C-PACE



## <200kW Residential/Small Commercial

- Participation through Eligible Installers/Contractors who submit all of the paperwork to NYSERDA
- Purchases, leases, PPAs (power purchase agreements) are all eligible
- Incentives paid directly to contractor/developer



## <200kW Residential/Small Commercial

### Three Regions

- Long Island (PSEG-LI)
- ConEd
- Rest of State (ROS)

Each region's MW targets are broken into blocks by sector to which incentives are assigned

Residential (up to 25 kW)

Small non-residential (up to 200 kW)

## >200kW Commercial/Industrial

### Performance-based incentives

- Initial incentive payment at commercial operation (25%)
- Three annual incentive payments based on production

20% multiplier on base incentive for utility strategic locations

## >200kW Commercial/Industrial

### Two Incentive Regions

- ConEd Service Territory
- Rest of State (ROS), except Long Island

### ROS is one region with two incentive rates

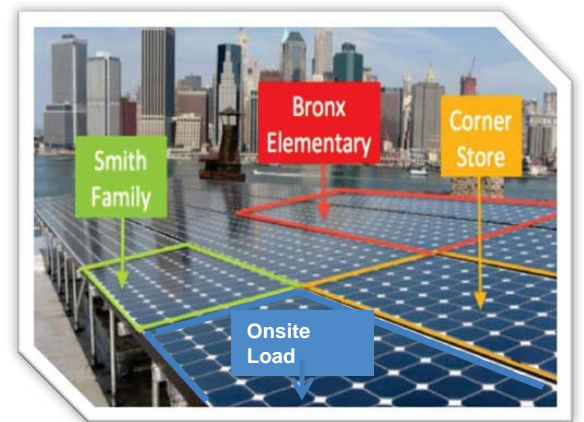
- *Volumetric Incentive* – Net Metering Crediting on a kWh basis
- *Monetary Incentive* – Remote Net Metering Crediting on a monetary basis, available through grandfathering (prior to June 1, 2015)

# Community Distributed Generation



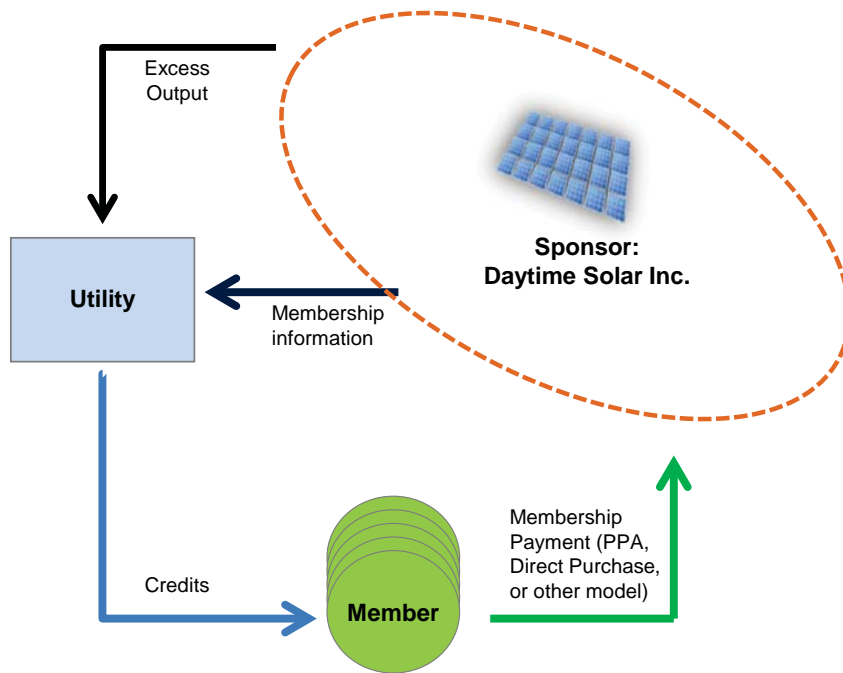
## Community Distributed Generation

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

# Potential Examples



## Why Community DG

- The vast majority of New Yorkers cannot put solar on their roof because of:
  - Shade
  - Structural issues
  - Multifamily building
  - Rental property
  - Other factors
- Opportunities for Low- to Moderate-Income
- Community Involvement
- Diversify Solar Installer Offerings



## Community DG Order (July 17, 2015)

- Within the Remote Net Metering provisions of PSL 66-j and 66-l
- Describes utilities' role of providing connection and net-metering
- Addresses multi-unit building issues
- Describes the low-income component
- Provides for the number of members & proportionate share allowed
- Describes the consumer protections that apply
- Addresses grid locational benefits and siting



## Community DG Legal Issues to Watch

- Registration with the SEC; is the sponsor offering a “security”?
  - Shared Solar NREL Paper, April 2015
  - CommunitySun SEC No-Action Letter
- Use of municipal land / prevailing wage issues
- Consumer protections / contract structures
- HEFPA

# Questions?

