



NYSERDA

Community Choice Aggregation (CCA)

Long Island

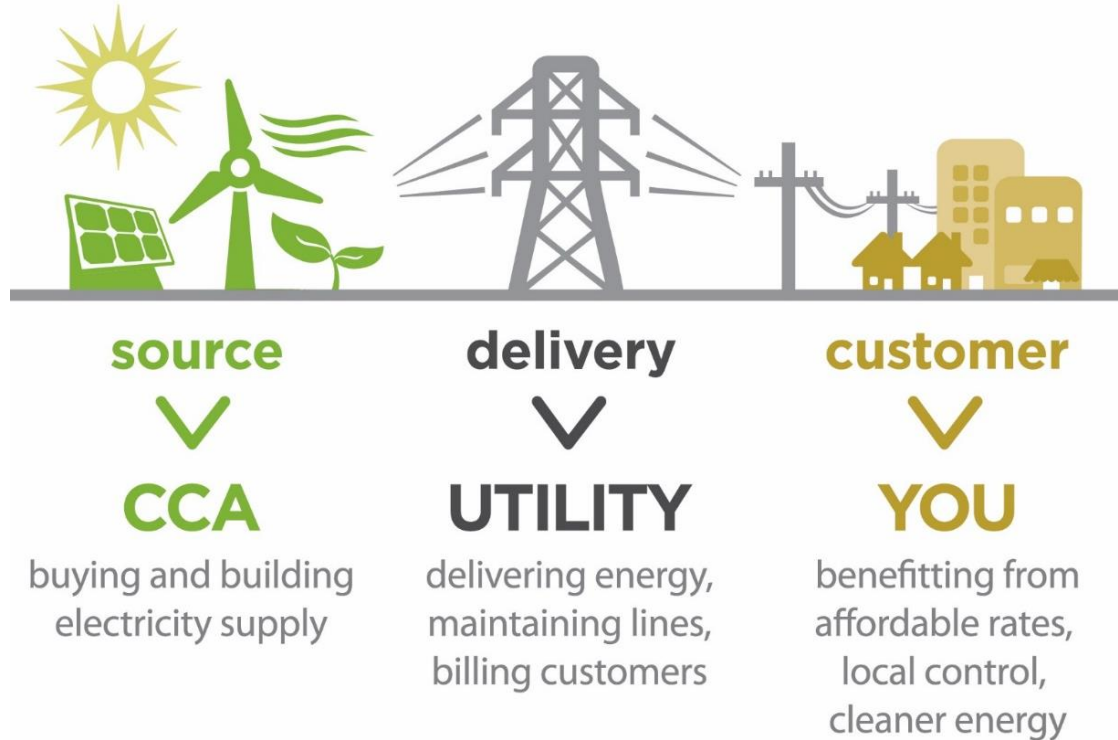
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New York State Energy Research and Development Authority (NYSERDA)

“One must learn by doing the thing, for though you think you know it, you have no certainty until you try.”

- Sophocles, 400 B.C.

Community Choice Aggregation: How It Works



Purpose

- CCA allows local elected officials to choose where the energy comes from for their community.
- Enter into a bulk purchasing arrangement and competitively procure energy supplies with the help of a CCA Administrator.
- The purpose is to build market clout and negotiate better prices and terms on energy supply and other clean energy products and services.

CCA Roles and Responsibilities

Municipality

- Ultimately responsible for the CCA program
- Authorizes CCA by adopting a local law
- Enters into contracts with ESCOs and other vendors on behalf of CCA customers – proxy for customer consent
- Conducts public outreach and education

CCA Administrator

- Enters into agreements with participating municipalities
- Facilitates Public Service Commission (PSC) approval of the CCA Implementation Plan and Data Protection Plan
- Solicits bids from ESCOs for the procurement of energy supply and other value-added clean energy products.
- Receives administrative fees received from ESCOs
- Responsible for reporting and accountability measures

Utility

- Delivers energy to CCA customers, responds to service interruptions, and exchanges data needed by the CCA

Energy Services Company (ESCO)

- Enters agreements with the municipality to supply 100% of the electricity and/or natural gas needs of participating customers
- Receives payment from the utility for energy procured by CCA customers and also remit payment for the CCA administrative fees to CCA Administrator

Local Partner Organization / Program Organizer

- A CCA Program Organizer typically secures buy-in from local government and engages in preliminary public outreach and education pertaining to CCA
- The CCA Program Organizer may be a volunteer group, a non-profit organization (existing or newly established), local government, or other third party

NYSERDA

- CCA Toolkit and technical assistance from Clean Energy Community Coordinators in your region

Cleaner, Less Expensive, and Local

1. Bulk Purchasing

Your utility bill has two main parts:

- **Delivery charges** – These charges relate to the transmission and distribution of electricity. These services are regulated and do not change as a result of a customer's participation in CCA.
- **Supply charges** – Customers may choose the Utility or a third-party supplier, a.k.a ESCO. With CCA, energy supply and RECs are subject to competitive procurement in a bulk purchasing arrangement with the goal of securing lower-cost, fixed-rate pricing for electric supply.

2. Community Solar

- The CCA partners with Community Solar projects that are located within the CCA's utility territory.
- These projects generate utility bill credits. Participants receive a portion of these credits to offset the electricity charges on their utility bill.
- Customers buy these credits at a fixed discount, creating a net savings.
- Customers benefit from a direct reduction in their energy expenditures.

3. Clean Energy Innovation

- The actions of individual customers to reform the demand curve can be aggregated in a way that delivers significant value to the grid.
- CCAs are uniquely positioned to help customers benefit from this dynamic and gain access to payments, bill credits, and financing by adopting value-added clean energy goods and services.
- Emerging market opportunities relate to energy efficiency, smart thermostats, energy management, energy storage, electric vehicles, and behavioral engagement.

Current Status of CCA in NYS

Operating CCAs

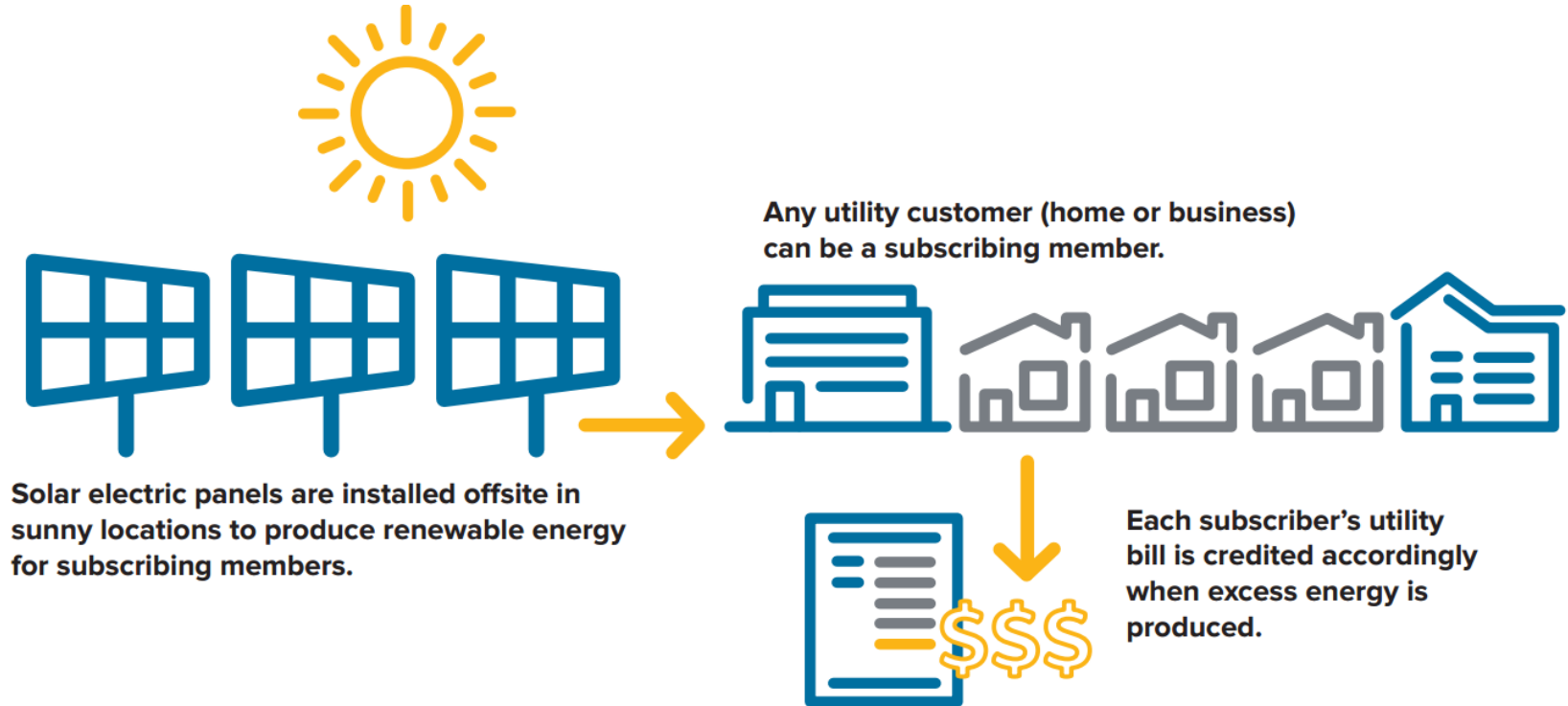
- 61 cities, towns, and villages in NYS with an active CCA
- ~170,000 residential and small commercial electricity accounts
- 38 municipalities are currently receiving 100% renewable energy as default supply
- Total Estimated load
 - 1.4 million MWH/yr
 - 850,000 MWH/yr of renewable energy

Approved CCA Administrators

- Sustainable Westchester
- Municipal Electric and Gas Alliance (MEGA)
- Good Energy
- Joule Assets



Community Solar: How It Works



Thank You!

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