COMMUNITY CHOICE AGGREGATION

And the Rochester People’s Climate Coalition
Traditional Electricity Mix for Greater Rochester

- **32%** Fossil Fuel
- **31%** Nuclear
- **30%** Hydroelectric
- **7%** Other Renewables

Source: EPA – https://www.epa.gov/energy/power-profiler
Traditional Generation Mix

Generators provide electricity to the grid

Energy Suppliers/Brokers

Utilities)

Utility transports electricity to customers

Customers

CURRENT - WITHOUT CCA THE POWER
Traditional Generation Mix

CURRENT - WITHOUT CCA
THE MONEY

Customers pay utility bill for both supply and delivery

Energy Suppliers/Brokers

Utilities

Utility pays suppliers/brokers for supply
Customers pay utility bill for both supply and delivery.
WHAT IS COMMUNITY CHOICE AGGREGATION (CCA)?

- Energy purchase program authorized by the Public Service Commission (PSC) in April 2016
- Allows municipalities to aggregate energy demand and negotiate bulk purchase
- All energy customers are eligible to participate
Customers pay utility bill for both supply and delivery.

Traditional Generation Mix

Generators provide electricity to the grid.

Utilities

Energy Suppliers/Brokers

Energy Suppliers/Brokers

Customers

Renewable Generation

CCA Administrator negotiates agreements on behalf of customers.

Utilities pay suppliers/brokers for supply.

Customers pay utility bill for both supply and delivery.
WHAT ARE THE BENEFITS OF CCA?

- Reduced electric rates for residents and small businesses
- Reduced price volatility through fixed rate and longer term contracts
- Potential improved access to state grant programs such as Clean Energy Communities
- Can accelerate the transition to renewable energy
- Encourage local renewable energy development and jobs
Traditional Electricity Mix for Greater Rochester

- Fossil Fuel: 32%
- Nuclear: 31%
- Hydroelectric: 30%
- Other Renewables: 7%
- Other: 7%
Fossil Fuel
Nuclear
Hydroelectric
Other Renewables
plus shared solar

Electricity Mix – Our Goal

0%
CCA IN NEW YORK

- PSC approved the Sustainable Westchester pilot project February 2015
- Incorporated lessons learned from Westchester Power
- Enacted for rest of state April 2016

- Westchester Power achieves long term fixed rate contracts
- Many municipalities now supplied with 100% renewable energy
WHO CAN AUTHORIZE CCA?

- Villages
- Towns
- Cities

Multiple municipalities can work together to form a single CCA that serves several communities.

- Westchester Power includes 20 municipalities and 110,000 customers

County governments are not authorized to create a CCA but are encouraged to support the efforts of municipalities within their boundaries.
CCA PROGRAM OVERVIEW

- May aggregate electric supply, gas supply, or both
- May include energy efficiency and distributed energy resources like solar
- Designed to enroll customers on an opt-out basis, but must offer easily accessible opportunity for would-be participants to opt out
- May include customers already contracted with ESCOs on an opt-in basis
- May choose to procure 100% renewable energy
CCA ADMINISTRATION FLEXIBILITY

- Municipality can administer its CCA program itself
- Can have a third party such as a non-profit administer its CCA program
- Administration costs can be paid from the charges for electricity and are typically folded into the supplier contract
CCA IMPLEMENTATION PROCESS

- PSC Approvals
- Sign MOU
- Execute supply contract
- Pass local law
- Select Administrator

Submit implementation plan & data protection plan
Collect Data from Utility
Send RFQ to ESCOs
Send RFP to ESCOs and receive formal bids
Public outreach
STEPS FOR CCA ADMINISTRATOR

- Design the program through development of an Implementation Plan and coordination with the PSC
- Coordinate with the utility (i.e. RG&E, National Grid)
- Solicit, negotiate and contract for electric supply using the CCA’s bulk buying power
- Educate the community about the program and the opt-out process
- Follow rules to prepare for and renew purchase contracts going forward
- Consider distributed generation opportunities (i.e. shared solar)
WHAT RPCC IS PROPOSING

- Coordination among interested municipalities
- 100% renewable energy supply, incorporating local energy projects
- Offer services in partnership with Joule Assets for program administration and program organization
  - Initially Joule Assets to provide CCA administrator services and RPCC to provide program organization
  - At the end of the first procurement contract, RPCC to transition to conduct both roles
- If selected, payment for services from fees collected in accordance with the PSC order
WHY RPCC AND JOULE

- **Joule Assets**
  - Comprised of professionals who set up the Westchester CCA
  - Worked with NYSERDA and the PSC to put the New York CCA program in place

- **RPCC**
  - Made up of involved citizens and technical experts in the Rochester area
  - Interest in maximizing the full array of benefits for the community
  - Long-term interest in the success of a greater Rochester CCA

- The Joule/RPCC team has already been working with local municipalities
QUESTIONS

Questions and comments about CCA and this presentation can be directed to:

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