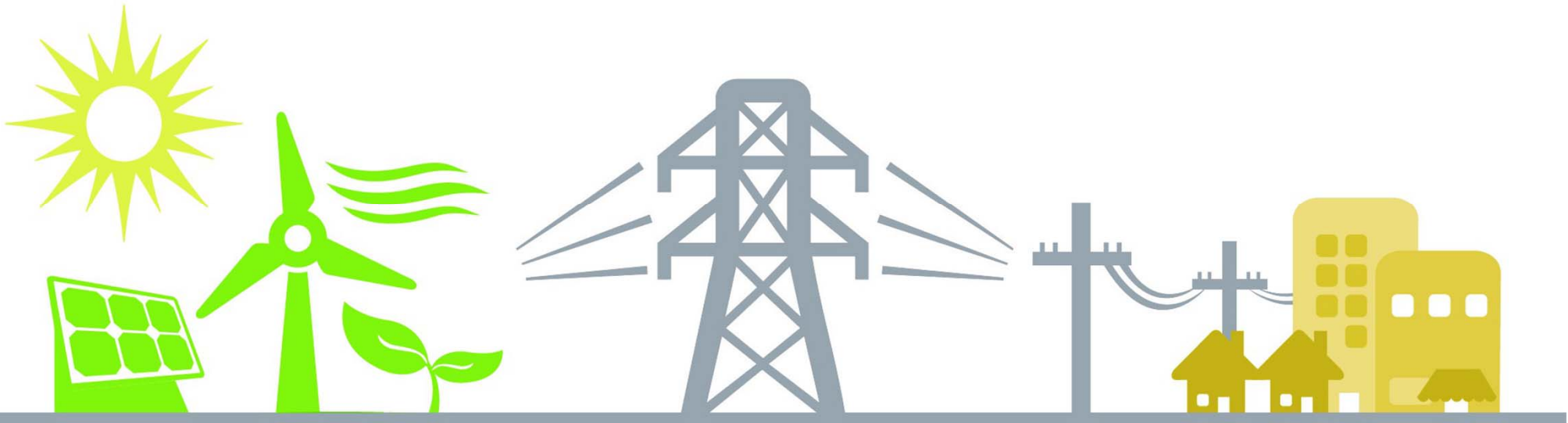


# Municipal Energy Aggregation

Warrant Article 30



Sponsored by the Canton Select Board



# What is Municipal Energy Aggregation?

- This is a form of group purchasing in which a city or town arranges electricity supply on behalf of its citizens
- Aggregation means that Canton's electrical load is combined ("aggregated") and given to the same electricity supplier, allowing for the best price possible from that supplier.
- Aggregation is allowed by Massachusetts law (MGL c.164 §134) and is growing in popularity.



# How does it work?

- Current Eversource residential customers **automatically enrolled.**
- Residents **can opt out at any time** without penalty.
- Residents who have a contract with a competitive supplier **are NOT automatically enrolled.**



# What is aggregation?

What happens now



Minimum Renewable Energy Requirement

What happens with Municipal Energy Aggregation

## How CCA Works



Goal: Increases Renewable Energy

# What Does it Change?

Only the  
Supplier is  
Changed



## Total Charges for Electricity

### Supplier (Eversource) (Basic Svc Fixed)

Generation Service Charge	737 kWh X .11397	\$84.00
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Subtotal Supplier Services		\$84.00
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### Delivery (Rate A1 R1 RESIDENTIAL)

Customer Charge		\$7.00
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Distribution Charge	737 kWh X .06145	\$45.29
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Transition Charge	737 kWh X -.00061	-\$0.45
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Transmission Charge	737 kWh X .03058	\$22.54
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Renewable Energy Charge	737 kWh X .00050	\$0.37
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Energy Efficiency	737 kWh X .01725	\$12.71
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Subtotal Delivery Services		\$87.46
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<b>Total Cost of Electricity</b>		<b>\$171.46</b>
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Your primary relationship for electricity will remain with Eversource. Eversource will continue to deliver your electricity, address power outages, and bill you. The program will be integrated into your electricity bill.

# Why Should Canton Pursue Municipal Energy Aggregation?

**Savings:** Goal is for the aggregation price to beat the average of Eversource's varying prices over the length of the electricity supply contract.

**Stability:** Rates are typically locked for 24-36 months whereas the Eversource rate changes every 6 months.

**Greener Choices:** Municipal Energy Aggregation is an opportunity to affordably purchase energy with a higher renewable content than MA law requires (RPS), usually 5% more.

**Supports Local Economy:** Municipal Energy Aggregation can drive demand for new local renewable resources (local jobs).

# What Other Towns have Municipal Energy Aggregation?

- Over 160 Massachusetts communities already use Municipal Energy Aggregation or have applications pending.
- Communities in this area include Brookline, Dedham, Foxborough, Holliston, Milton, Natick, Newton, Sharon, Walpole, and Westwood.

# What is the Process?

## Basic Outline of Municipal Energy Aggregation Approval Process:

- Town Meeting approves warrant to pursue a Municipal Energy Aggregation plan
- Town selects a Energy Broker
- Broker creates aggregation plan (at *no cost* to Canton)
- Town Administration approves plan
- Department of Energy Resources (DOER) reviews plan
- Department of Public Utilities (DPU) approves plan
- Broker issues request for bids and electricity suppliers respond with bid
- Town selects electricity supplier \*
- Broker publicizes Energy Aggregation plan to residents and small businesses, and handles all opt-around requests

**\* If no plans or energy prices are deemed acceptable, there is no obligation for the town to proceed.**



# FAQs

## **Would this program replace Eversource as my electric utility?**

No. Eversource would remain the electric utility for Canton and would continue to deliver your electricity.

This program would change the supplier on your Eversource bill, and it would change the rate that is used to calculate the Supply charges on your Eversource bill. You would continue to receive your bill from Eversource, you would continue to pay Eversource, and you would continue to call Eversource if your power goes out.

## **Would I need to sign a contract?**

No. There is no contract to sign and no installation of any equipment. You can leave the program without penalty at any time. You can choose to opt out of the program.

## **How would I join the program?**

Customers currently receiving Eversource's default basic service would be automatically enrolled in the program. However, you can choose to opt out of the program. Customers who currently have their electricity supplied by a competitive supplier would need to opt into the program.

## **Will I be able to keep my current plan?**

Yes. No one is locked into the Community Choice Aggregation plan, and you may opt out of the plan to keep the Eversource defaults or whatever energy buying program you choose.

## **Will this affect the utility companies' profit margins?**

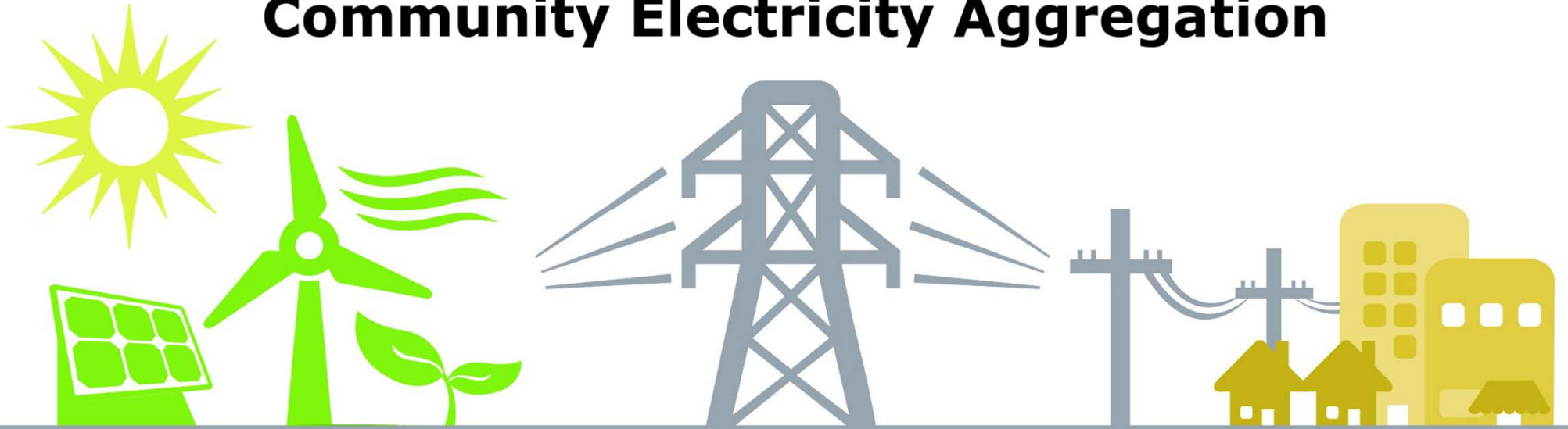
No. Eversource earns its money on the transmission and delivery only, not on the power generation, so utility jobs should not be affected.

## **Will buying more solar cause brownouts on cloudy days?**

Np. The grid is able to sustain a much higher percentage of renewable sources than it currently delivers. We could reasonably double the amount of solar currently powering our grid without running into trouble

# QUESTIONS?

## **Community Electricity Aggregation**



More info at

<https://www.town.canton.ma.us/885/Municipal-Energy-Aggregation>