



# Westchester Power 6/6/2024 Village of Croton

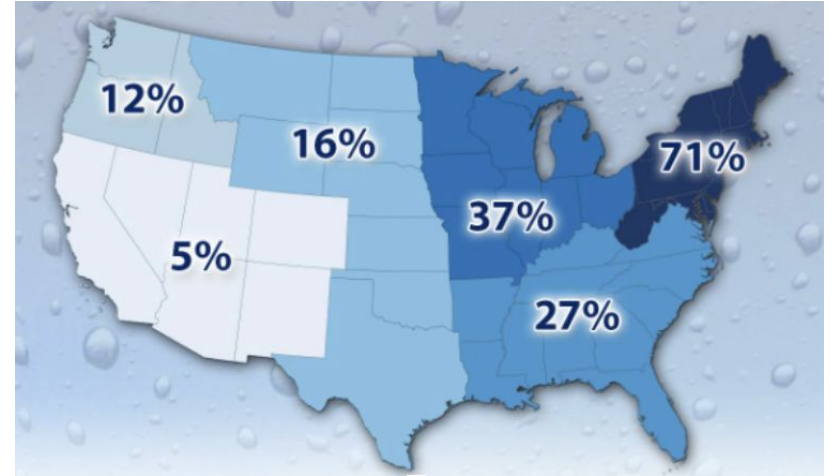
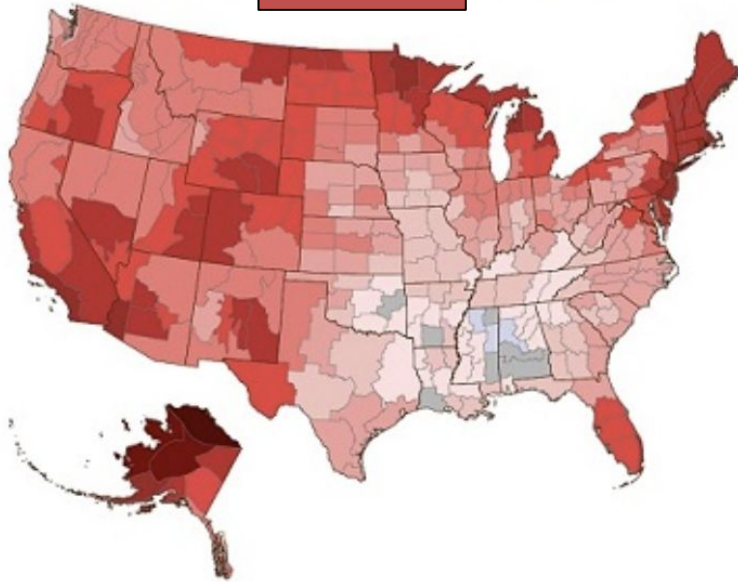
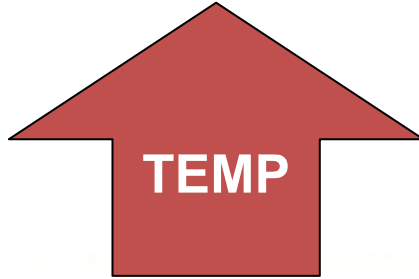


SUSTAINABLE  
WESTCHESTER



# A SHARED CHALLENGE

# CLIMATE CHANGE IS HERE, NOW



# OUR COMMUNITIES ARE IMPACTED



White Plains  
9/23/2023



Yorktown  
9/23/2023



Tarrytown  
10/21/2023

# AMBITIOUS GOALS FOR NYS

Climate Leadership and Community Protection Act - CLCPA

**70%** renewable energy by 2030

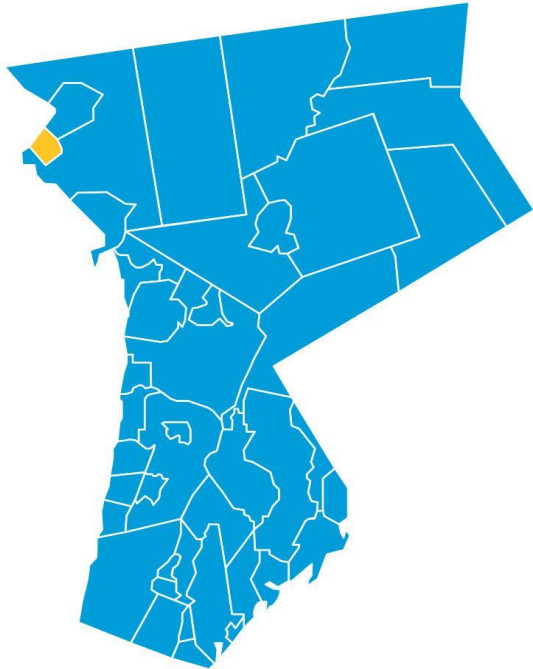
**Zero** emissions by 2040



**SHARED SERVICES:  
DOING MORE TOGETHER**

# SUSTAINABLE WESTCHESTER

## CREATED BY AND FOR WESTCHESTER'S MUNICIPALITIES

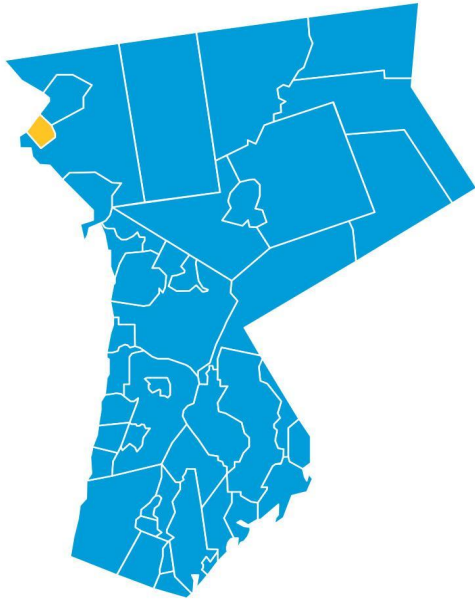


- |                  |                    |                  |               |
|------------------|--------------------|------------------|---------------|
| Ardsey           | Hastings-on-Hudson | North Castle     | Rye Brook     |
| Bedford          | Irvington          | North Salem      | Rye City      |
| Briarcliff Manor | Larchmont          | Ossining Village | Rye Town      |
| Bronxville       | Lewisboro          | Ossining Town    | Scarsdale     |
| Cortlandt        | Mamaroneck Village | Peekskill        | Sleepy Hollow |
| Croton-on-Hudson | Mamaroneck Town    | Pelham Manor     | Somers        |
| Dobbs Ferry      | Mount Kisco        | Pelham Village   | Tarrytown     |
| Eastchester      | Mount Pleasant     | Town of Pelham   | Tuckahoe      |
| Elmsford         | Mount Vernon       | Pleasantville    | White Plains  |
| Greenburgh       | New Castle         | Port Chester     | Yonkers       |
| Harrison         | New Rochelle       | Pound Ridge      | Yorktown      |

and Westchester County itself



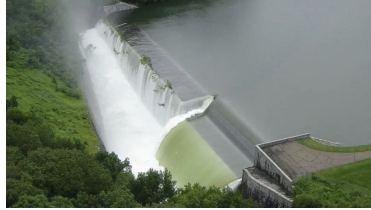
SUSTAINABLE  
WESTCHESTER



# SW IS SHARED SERVICE PROGRAMS

## COMMUNITY ENERGY

WESTCHESTER POWER



COMMUNITY SOLAR

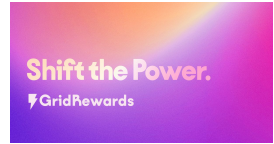
## ELECTRIFICATION SOLUTIONS

ENERGYSMART HOMES



SUNSHINE TO EV

## GRID EFFICIENCY



GRID REWARDS™

## ZERO WASTE

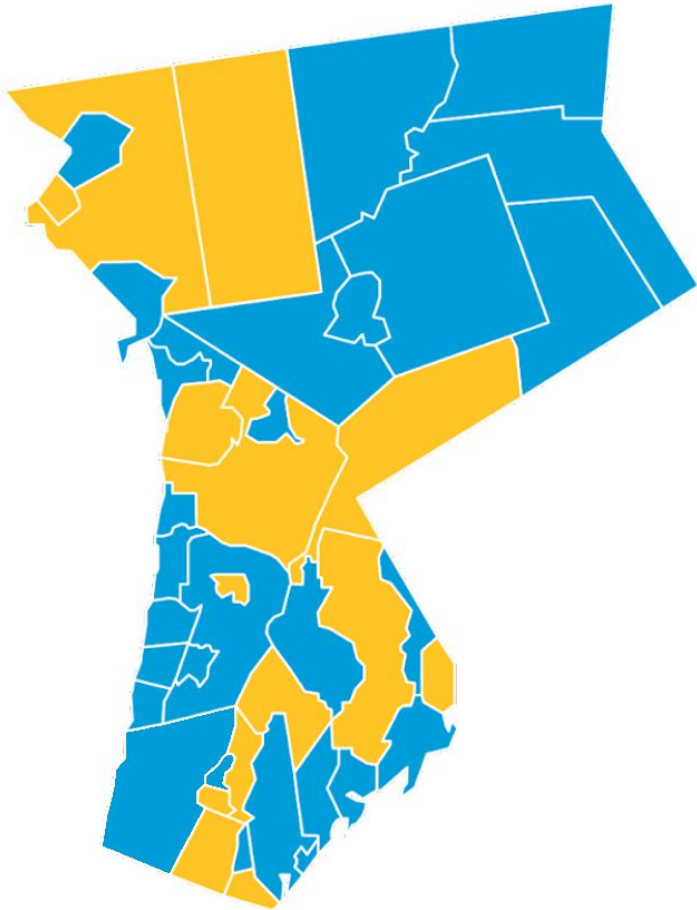


RECYCLE RIGHT APP

## BUILDING DECARBONIZATION



**WESTCHESTER POWER  
IS A CORNERSTONE OF  
REGIONAL CLIMATE ACTION**



# WESTCHESTER POWER CCA

## FIRST AND LARGEST CCA IN NEW YORK STATE

- |                    |                    |                  |               |
|--------------------|--------------------|------------------|---------------|
| Ardsey             | Larchmont          | North Salem      | Rye Brook     |
| Bedford            | Lewisboro          | Ossining Village | Rye City      |
| Croton-on-Hudson   | Mamaroneck Village | Ossining Town    | Sleepy Hollow |
| Dobbs Ferry        | Mamaroneck Town    | Peekskill        | Somers        |
| Greenburgh         | Mount Kisco        | Pelham Village   | Tarrytown     |
| Hastings-on-Hudson | New Castle         | Pleasantville    | Tuckahoe      |
| Irvington          | New Rochelle       | Pound Ridge      | White Plains  |
|                    |                    |                  | Yonkers       |

**29**

Municipalities

**145,000**

Residents and  
Small Businesses

# WESTCHESTER POWER PROGRAM



**PROVIDE CLEAN ENERGY**



**EXPAND CONSUMER CHOICE**



**CAP ELECTRICITY COSTS**



# PROVIDE CLEAN ENERGY

2023

**310,860**

Metric Tons  
of Carbon



# ➔ PROVIDE CLEAN ENERGY



Cars off the road

Based on EPA Calculator

73,985



## PROVIDE CLEAN ENERGY

**368,310** Tons of Carbon . . .

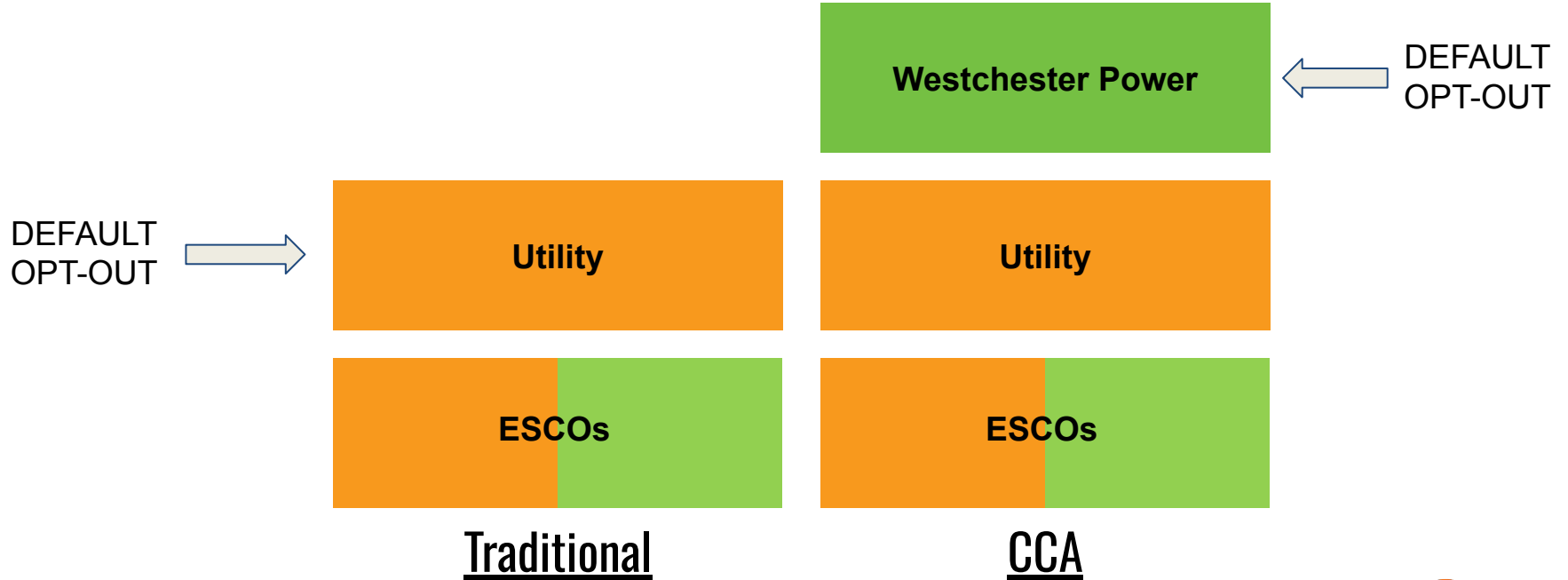


**\$47,854,300** social costs averted.

NYSDEC calculation for 2025, based on 2% discount rate



# Expand Consumer Choice

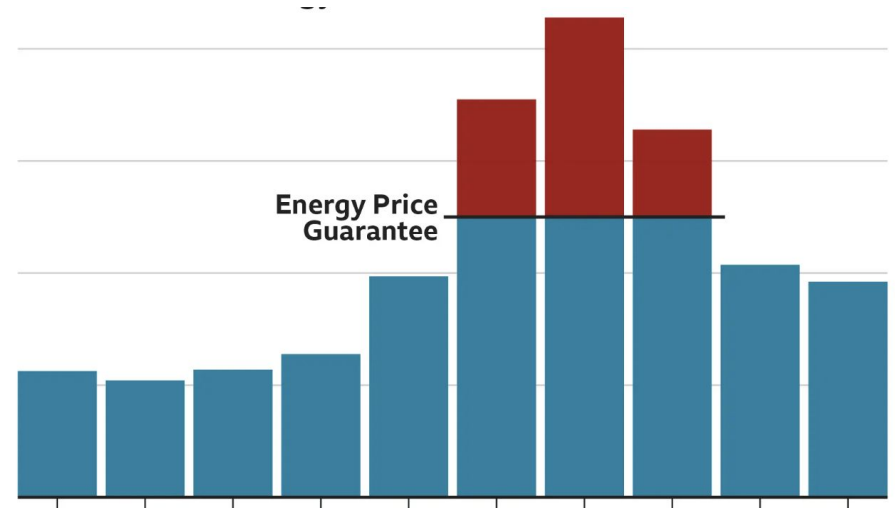




# CAP ELECTRICITY COSTS

**UTILITY RATES HAVE VARIED** from 4 cents to 22 cents since program launch.

**WP PREDICTABLE FIXED-RATE** never exceeds the contract level.




# STATE GRANTS

**STATE GRANTS** can be accessed by municipalities that participate in CCA. NYSERDA's Clean Energy Communities program recognizes CCA as a high-impact action.

Select Your Community:

**Village of Croton-on-Hudson**



A NYSERDA Clean Energy Community

**8,070**  
POPULATION (2010 CENSUS)

**Mid-Hudson**  
REGION

**Westchester**  
COUNTY

**85**  
DESIGNATED COMMUNITIES IN THE REGION

## Accomplishments

Advanced (v3.0) (★★★★★)

**37**

ACTIONS COMPLETED



**14,500**

POINTS EARNED

### High Impact Actions

	Count	Points
Benchmarking	2	300
Buildings and Facilities	6	2,600
Clean Energy Upgrades	1	500
Clean Fleets	3	600
Clean Heating and Cooling Demo	1	700
Climate Smart Communities Certification	2	800
Community Campaigns	11	4,000
Community Choice Aggregation	2	1,500
Energy Code Enforcement Training	1	200
LED Street Lights	2	900
NYStretch Energy Code	1	1,200
PACE Financing	1	0
Transportation and Landscaping	3	1,000
Unified Solar Permit	1	200
<b>Grand Total</b>	<b>37</b>	<b>14,500</b>

## Leaderboard

### Regional Leaders

	Points
Village of Croton-on-Hudson	14,500
City of Kingston	11,600
Village of Hastings-on-Hudson	11,100

### Statewide Leaders

	Points
Village of Croton-on-Hudson	14,500
City of Kingston	11,600
Village of Hastings-on-Hudson	11,100

# CUSTOMER SUPPORT & EDUCATION

**CONSUMER-FRIENDLY** with no fees or penalties for coming or going.

**CUSTOMER SUPPORT** by phone or email, plus other program info.

**EASILY ACCESSIBLE INFORMATION** to find Con Ed rate comparisons.

**HELP FOR MUNICIPAL STAFF** is always available.



# CURRENT CONTRACT

# CURRENT CONTRACT: CON ED TERRITORY



Supplier: Constellation New Energy



Rates for Residential & Small Commercial:

- Renewable – 15.449¢/kWh
- Standard – 13.685¢/kWh



Term: November 1<sup>st</sup> 2022 through October 31<sup>st</sup> 2024 (24 months)

\*Con Ed 12-month trailing average for the period 04/2023-03/2024: 9.378¢/kWh

# WHY? UNIQUE CHALLENGES IN 2022

**WAR IN UKRAINE** roils energy markets

**ENERGY PRICES FORECAST TO RISE**

**ACTUAL PRICES DECLINE** post-contract,  
leaving fixed-rate higher than utility



# WP RENEWABLE ENERGY IS A GOOD DEAL

## Monthly ranges of comparable ESCO offerings

(12-24 month contracts, 100% renewable)

Year	Month	ESCO Rates Range (Cents)
2022	December	18.29 - 18.59
2023	January	17.19
	February	15.49 - 15.99
	March	14.89 - 15.49
	April	15.39-15.49
	May	14.73 - 20.00
	June	14.11 - 20.00
	July	15.99 - 20.99
	August	16.39 - 20.99
	September	15.39 - 20.99
	October	14.29 - 20.99
	November	15.39 - 20.99
	December	13.49 - 21.00
2024	January	13.79 - 21.41
	February	13.79 - 19.41
	March	14.29 - 31.20

WP program rate for 100% renewable energy: **15.449¢/kWh**

**WP RENEWABLE ENERGY** has typically come in below market costs, even in the most recent contract, comparing favorably with similar renewable offerings from ESCOs.

**NEW CONTRACT OPPORTUNITIES**

# MARKET CONTEXT: ADVANTAGES FOR FIXED RATES

**CAPACITY CONCERNS:** NYISO projects a shortage in 2025 with the confluence of peaker plants coming offline, acceleration of electrification and new emissions rules coming into effect.

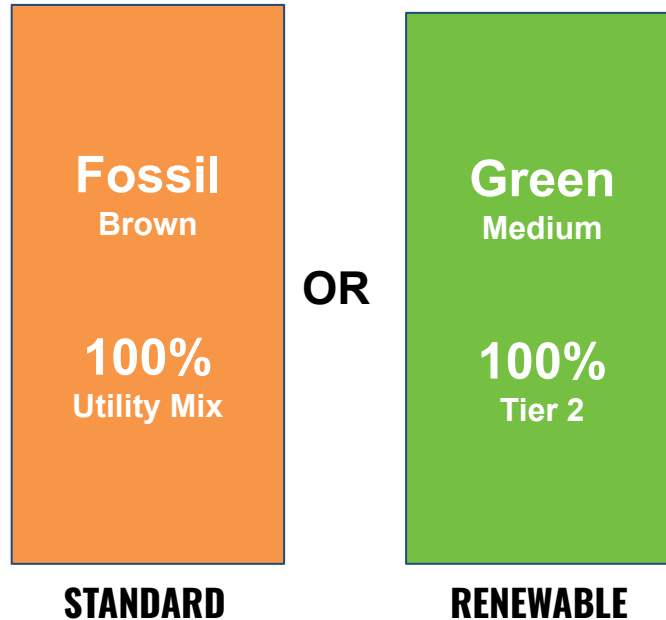
**PRESSURE ON NATURAL GAS PRICES:** Natural gas is the electricity market price setter. Exports to higher priced market are again becoming a factor as port facility capacity increases.

**HOT SUMMER PREDICTED:** 2-4 degrees higher than average. New York City will likely see twice as many 90-degree days as in 2023, when there were 12.



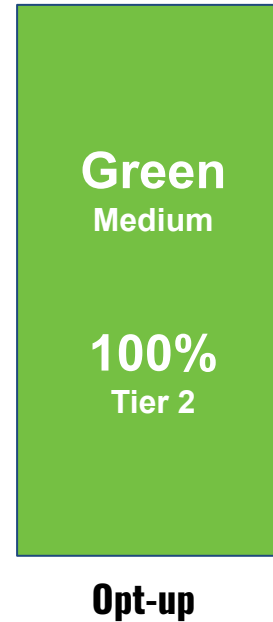
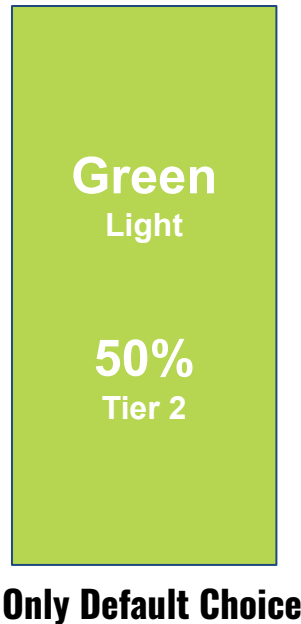
# AIMING FOR A GREENER CONTRACT

## CURRENT CONTRACT DEFAULT OPTIONS



# AIMING FOR A GREENER CONTRACT

## New Contract (initial) Options



# MARKET CONTEXT: REC LIMITS & OPTIONS

## Tier 2 LIMITED SUPPLY



Primarily hydropower

- For generation constructed prior to Jan 1, 2015
- Maintaining and optimizing legacy facility output, and keeping it in-State

## Tier 1 NOW AVAILABLE



Primarily wind and solar

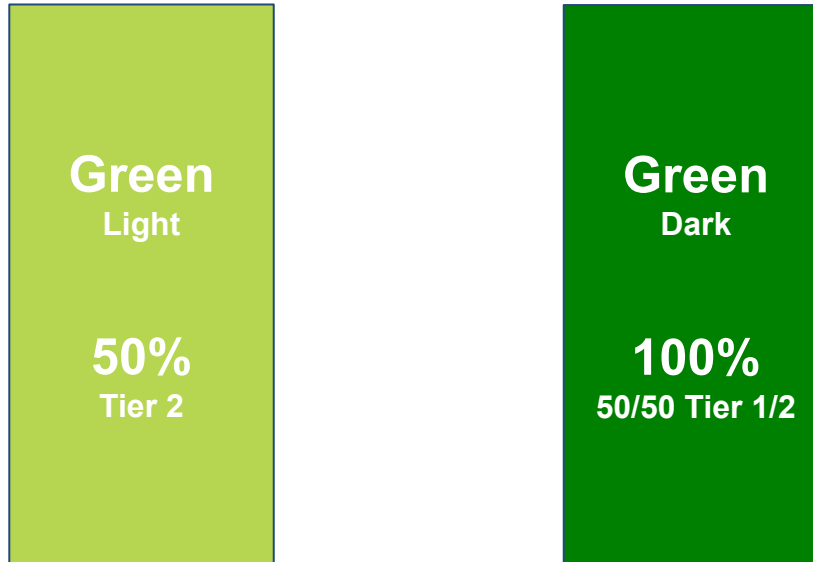
- Started operation after Jan 1, 2015
- Considered higher “additionality” - deeper green.

## RECs 101

- New York renewable market system based on “renewable energy certificates” - RECs
- 1 REC = 1 megawatt-hour of power put out on the grid
- NYS has designed distinct “tiers” of RECs for different policy purposes, but all to grow renewables and meet clean energy goals

# AIMING FOR A GREENER CONTRACT

**If Tier 1 RECs Become Available**



**Default**

# GETTING TO 100

**Challenge:** NYSERDA price known by July, and sale in August, but we are looking to sign the main contract in June. So,

**June:** Award sign contract for 50% Tier 2

**July:** NYSERDA announces price; if within target price range, munis who want to go to 100% sign a simple contract amendment changing the default product and price

**August:** Supplier purchases RECs

# Three MOU Options

## 1. Tier 2 50% default and 100% opt up

The product structure we initially go to bid with and contract for in June will be the structure for the upcoming contract, regardless of Tier 1 REC availability

## 2. Automatic shift to Tier 1+2 100% Renewable Default

Indicates muni “shall” sign contract amendment to make 100% Renewable product the default if price cap is met

## 3. Muni decision to take Tier 1+2 100% Renewable Default

Does not oblige muni to sign the amendment and allows for an additional decision to be made once product price is known

# REQUESTED ACTIONS & TIMETABLE

## Croton

Select & Sign MOU: Now through Mid-June

## Sustainable Westchester

RFP Release to Bidders: Early June

Bid Award: Mid-June

## Sustainable Westchester & Croton

Signs Initial 50% Default ESA: Late June

## Sustainable Westchester

\*Tier 1 Price Determined: Early July

## Croton

Sign Contract Amendment: Early/Mid July

## Sustainable Westchester

Tier 1 REC Transaction: Aug 1-15

Final Pricing: Aug 15-17

## Sustainable Westchester

Public Meeting(s): End of August

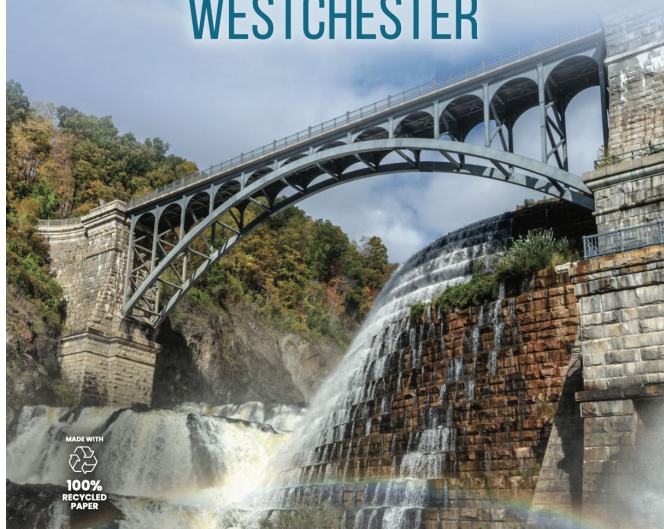
Opt-out Period: Early Sept - Early Oct

Customer Enrollments: Nov 1

\*Point at which we learn the viability of 100% Renewable default product & whether to move forward with the ESA amendment or not



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# THANK YOU!

## Contact Us

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## More Program Information

[sustainablewestchester.org/wp/conedterritory.org](http://sustainablewestchester.org/wp/conedterritory.org)

