

Clean Energy Communities





Spring Local Government Workshop
5.18.18





Clean Energy Communities

- 
- State energy goals
 - Clean Energy Community program overview
 - Regional progress and metrics
 - Energy trends
 - Upcoming events
- 

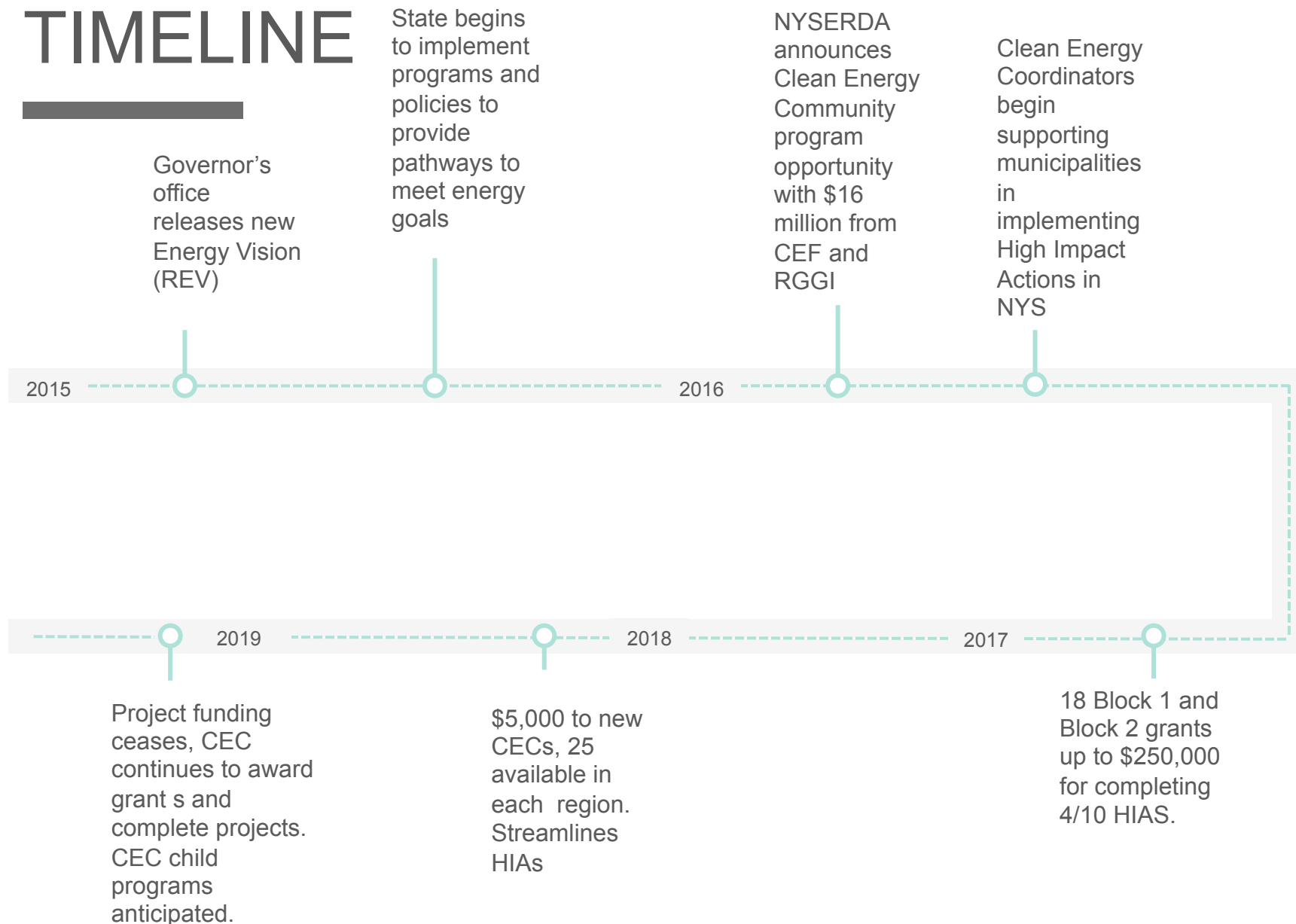
Clean Energy Communities



- **State Energy Goals-Medium Term**
 - 40% by 2030 (Emissions)
 - 50% by 2030 (Renewables)
 - 600 tBtu by 2030 (Efficiency Gains)
- **CEC 101**
 - 10 High Impact Actions
 - Governments can lead, compliment private sector and social ethos
 - Focus on economic development, environmental outcomes, tax payer savings

Clean Energy Community

TIMELINE



Snap Shot

Finger Lakes

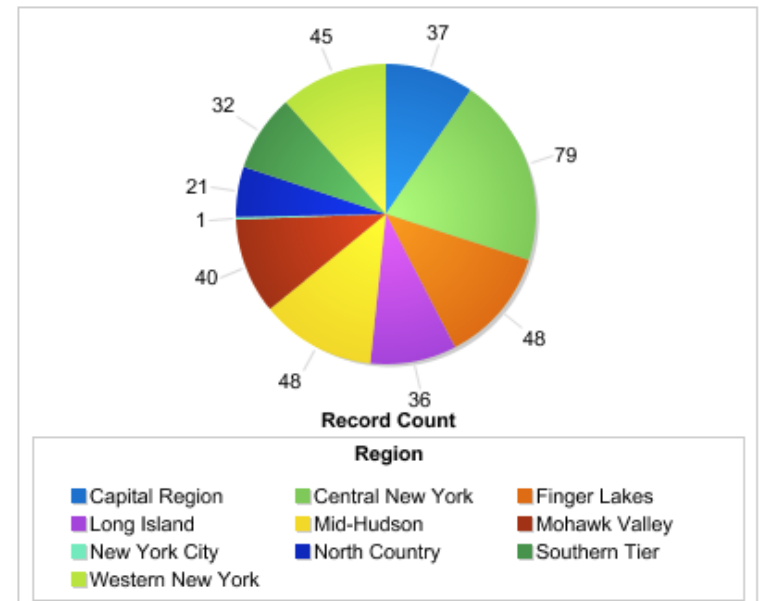
20 Clean Energy Communities

Village of Brockport	Town of Starkey
Village of Spencerport	Town of Irondequoit
Village of Bergen	Town of Avon
Village of Sodus	Town of Batavia
Village of Fairport	Town of Pittsford
Village of Churchville	Town of Geneva
Village of Livonia	Town of Brighton
Village of Geneseo	Wyoming County
City of Canandaigua	Seneca County
City of Rochester	
City of Geneva	

8 Villages, 3 Cities, 7 towns, 2 Counties

48 Communities with approved HIAs

Communities with Approved Actions by Region



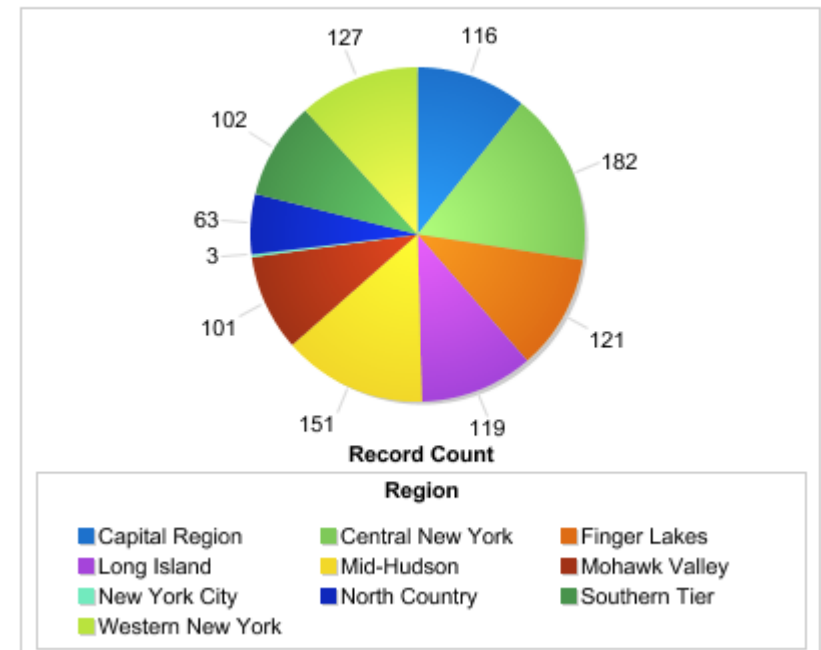
Snap Shot

Finger Lakes

122 High Impact Actions

- Benchmarking (24)
- Clean Energy Upgrades (3)
- LED Streetlights (6)
- Clean Fleets (16)
- Solarize (3)
- Unified Solar Permit (32)
- Energy Code Enforcement Training (34)
- Climate Smart Certification (2)
- Community Choice Aggregation (0)
- Energize NY Finance (2)

Approved Action Count by Region



Regional Performance Metrics



Energy Savings

Western NY

- 46,105 MWh
- 75,000,000 Lbs CO2 reductions



Renewable Energy

Western NY

- 40,292 MWh
- 66,000,000 Lbs CO2 reductions



Participation

Western NY

- 204 Municipalities
- 55% of State-Wide Total Participation

Regional Performance Equivalents

14,000 Passenger Vehicles

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7,000 ZNE Homes

.....

75,000 Acres Forest
CO2 Sequestration



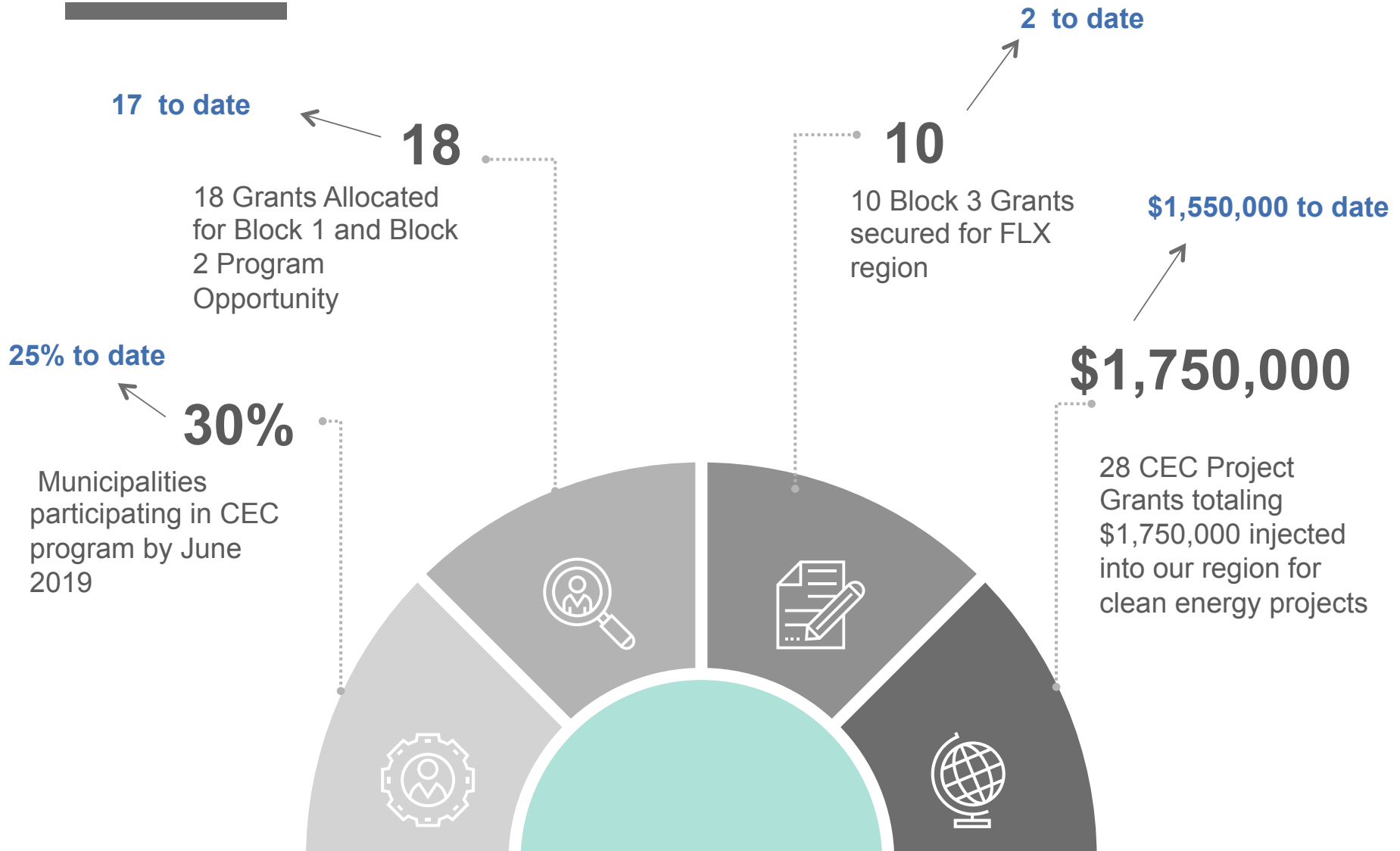
\$1.5 million

Regional Projects Underway

- Geothermal
- Solar
 - .5 MW
- Electric Vehicles
 - 5 Electric Vehicles to Municipal Fleets
- EV Charging Infrastructure
- LED Streetlights
 - 1,000 LED Streetlights +
- Building Energy Upgrades
- Smart Water Meters
- Climate Action Technical Plan
- Clean Fleet Analysis



Programmatic Goals by 2019



New York Energy Trends

- Community Choice Aggregation
 - Municipal Energy Procurement Model
Authorized by PSC
- Clean Energy Community Leadership/Child Programs
 - Post CEC, NY-Sun
- Utility/Grid Transformation
 - New Tariff programs, Micro-grids, Targeted Energy Projects (VDER), REV Demonstration Projects
- Distributed Energy Resources and Community Solar
 - Large Scale Renewables, Storage, Demand Response, Nuclear, Expanded Access to Renewables, Market Response



Upcoming Energy Events

- **Energy Code Enforcement Training**

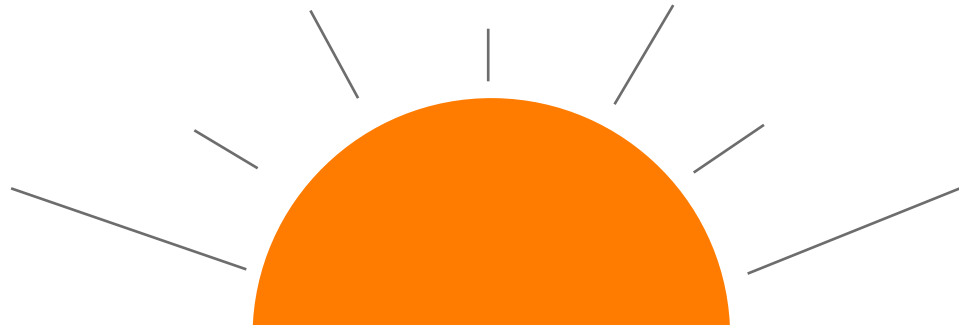
June 5th, Victor NY

Free registration

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- **Regional Solar Workshop with NY-Sun**

July 18th, TBD

Free Registration, limited to 50 participants. RSVP to G/FL



CONTACT



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A dense forest of evergreen trees, likely pines or firs, fills the background. The trees are dark green and densely packed. In the center of the image, there is a white rectangular frame. Inside this frame, the text "? 's THANK YOU" is displayed. The text is in a clean, sans-serif font. The words "THANK" and "YOU" are in white, while "? 's" is in black. The text is centered within the frame.

? 's
THANK
YOU