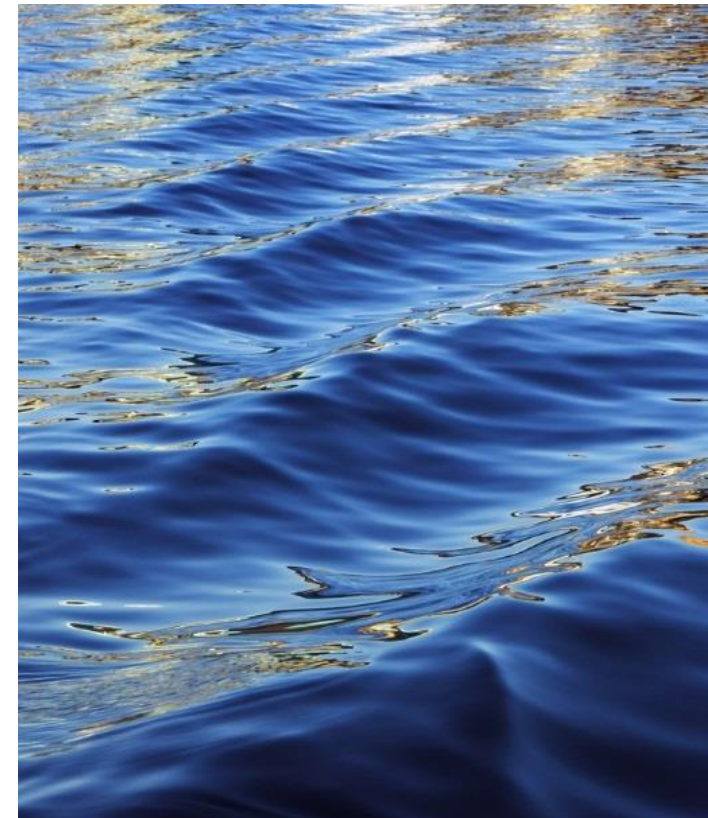




Clean Energy Communities 3.0

G/FLRPC
Local Government Workshop
May 16, 2024



Rob Richardson: Clean Energy Communities Coordinator

Rob Richardson



- BA in Politics & Government, Cum Laude '05
- MPA in Public Management & Public Policy '17
- Former Assistant City Manager, Canandaigua, NY
 - Understand Municipal Limitations/Challenges
- Guided City to both CEC & CSC Certifications
 - Understand both sides- Program & Participant
- Love for that work guided me to G/FLRPC
- In my “spare time,” I coach Soccer
 - HAC Boys Varsity



CEC- A Brief History

A Brief History

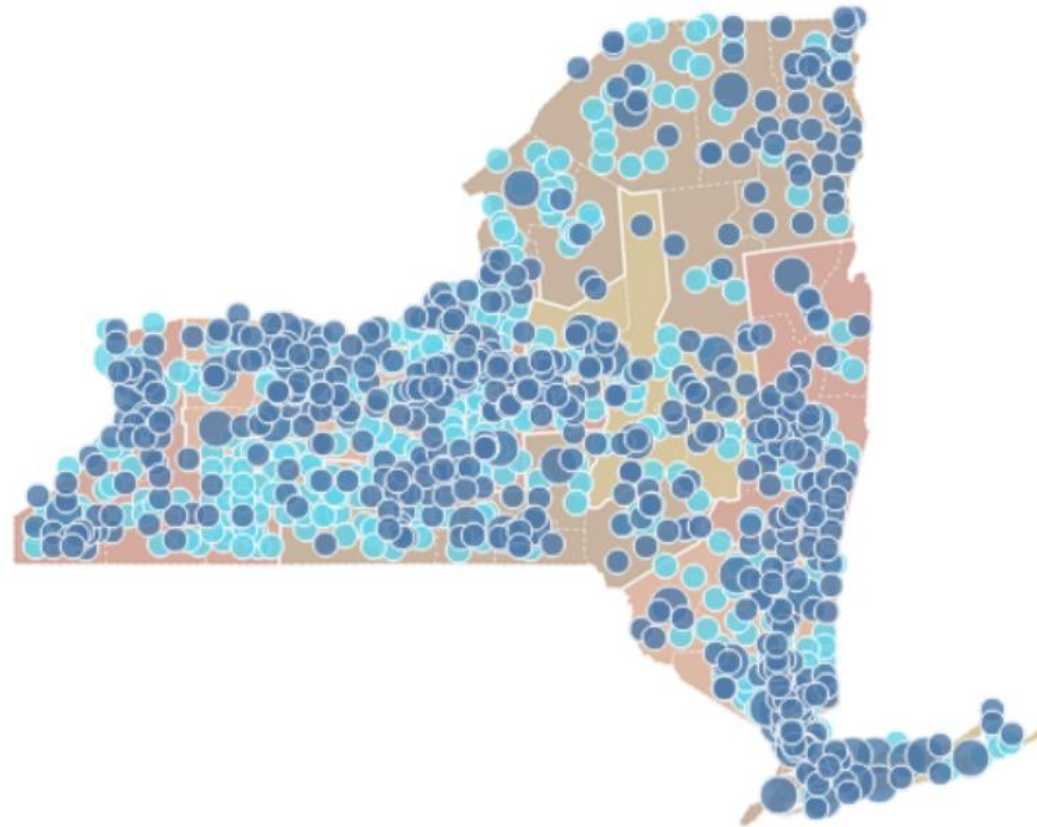
- **August 1, 2016:** The Clean Energy Communities (CEC) Program kicks off to help municipalities across New York State save money & reduce utility consumption
 - Program garners solid response from Municipalities
 - 600 Participating Communities
 - 323 Designated Communities
 - 1866 Completed Actions
- **January 26, 2021:** Round Two of CEC Program, the Leadership Round, Launches
 - Offered New Actions & Expanded Funding Opportunities
 - Increased Participation Statewide
 - 293 New Communities
 - 218 New Designated Communities
 - 2005 Completed Actions

Clean Energy Communities- Current Statewide Participation

893 Participating Communities

541 Designated Communities

3,871 Actions Completed



Display Communities that have completed a particular action

(All) ▼

Display Communities by Region

(All) ▼

Community Size

- Small Community
- Large Community

Status

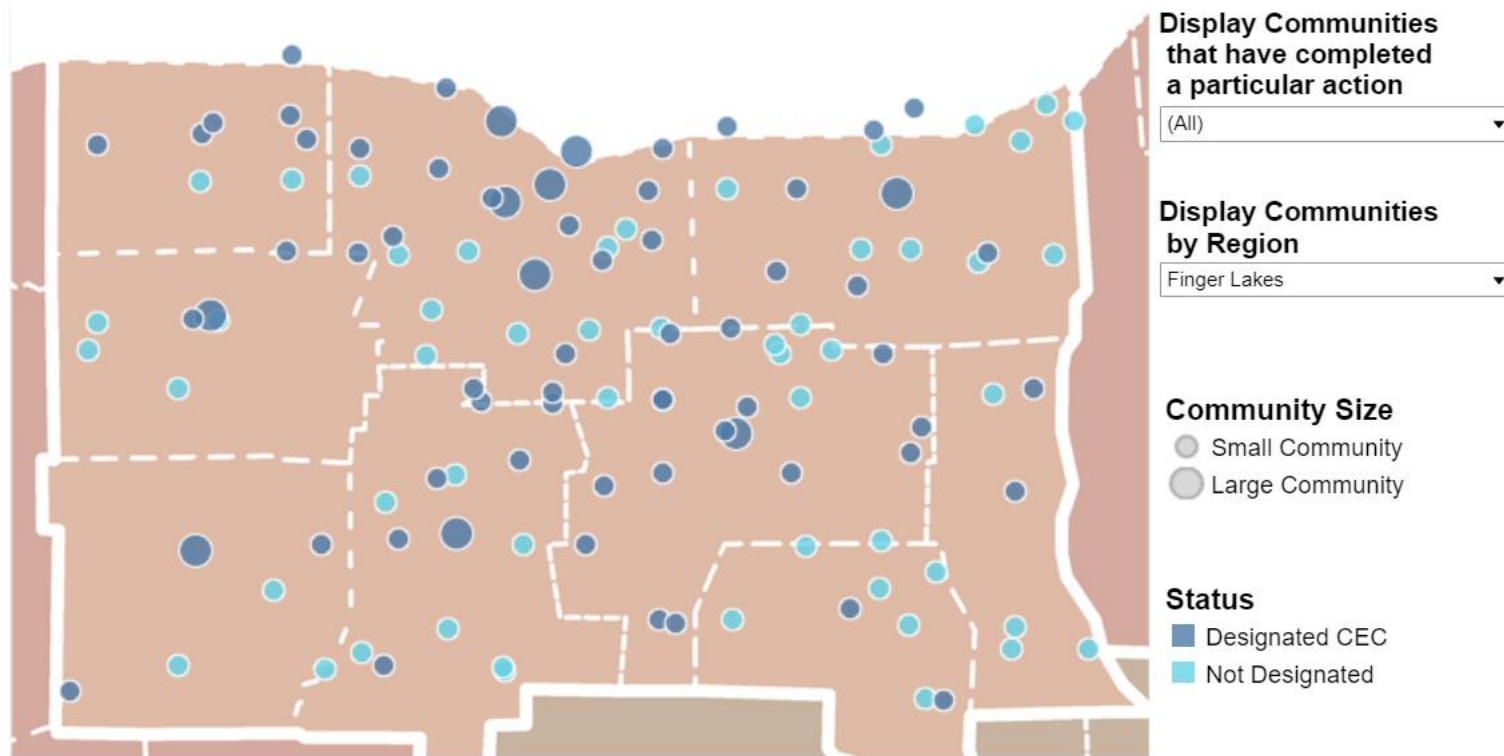
- Designated CEC
- Not Designated

Clean Energy Communities- Regional Participation

119 Participating Communities

66 Designated Communities

469 Actions Completed



Leadership Round

43 New Participating (+57%)

30 New Designated (+83%)

253 New HIAs (+117%)

\$710,000 in Funding...

In Less Than 3 Years!



CEC 3.0

3.0 Brings Substantial Changes

- December 13, 2023: CEC 3.0 Launches
 - \$25 Million Available Statewide for Communities
 - Incentive for Communities That Move Quickly
 - MONEY IS MOVING FAST!!!
 - New & Expanded High Impact Actions
 - Achievement Tiers = More Points, More Grant Funding
 - Additional Benefits for Disadvantaged Communities
 - Funding Cap Removed
 - Up to 50% Bonus Funding of Awarded Grant per Implemented Project
 - Streamlined Grant Application Process
 - Awards of less than \$30,000 will not have a Contract*
 - *excludes custom projects or projects requesting a CEC Energy Study
 - The BIGGEST Change, However...






Multiple Designation Levels

DESIGNATION GRANTS BEFORE 10/1/24:

To earn funding at these levels, the municipality must submit the required documentation for the action(s) that qualifies them for the designation grant by 9/30/24 at 11:59 PM EST. If the action(s) is rejected, municipalities will not be eligible for grant awards at this level.

Designation Level	Number of Points	Funding for Small Municipalities (Up to 39,999 population)	Funding for Large Municipalities (40,000 or greater population)
CEC Designation - must complete 4 high-impact actions	N/A	\$5,000	\$5,000
1-Star Designation ★	1,000	\$10,000	\$10,000
2-Star Designation ★★	3,000	\$50,000	\$125,000
3-Star Designation ★★★	5,000	\$100,000	\$200,000
4-Star Designation ★★★★	7,000	\$175,000	\$275,000
5-Star Designation ★★★★★	9,000	\$250,000	\$350,000

DESIGNATION GRANTS ON OR AFTER 10/1/2024:

Designation Level	Number of Points	Funding for Small Municipalities (Up to 39,999 population)	Funding for Large Municipalities (40,000 or greater population)
CEC Designation - Must complete 4 high-impact actions	N/A	\$5,000	\$5,000
1-Star Designation 	1,000	\$10,000	\$10,000
2-Star Designation 	3,000	\$40,000	\$100,000
3-Star Designation 	5,000	\$75,000	\$150,000
4-Star Designation 	7,000	\$125,000	\$200,000
5-Star Designation 	9,000	\$200,000	\$300,000

New Round of CEC Brings Instant Impact

127 Participating Communities

70 Designated Communities

39 Advanced (v3.0) Communities

542 Actions Completed

CEC Round 3.0

8 Newly Participating

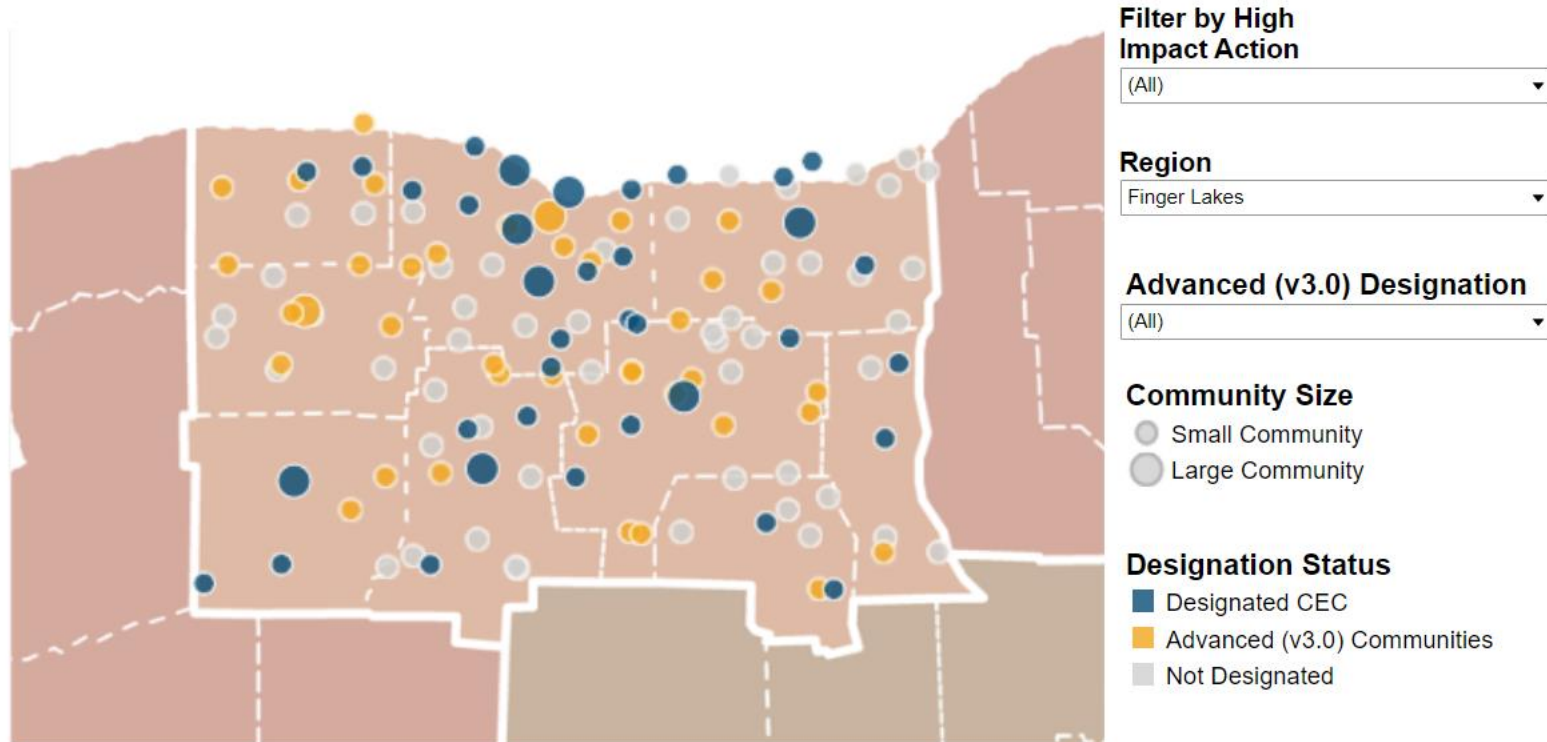
4 Newly Designated

73 New HIAs

39 Star Designations

\$975,000 in Funding...

IN THE LAST 5 MONTHS!



Which High Impact Actions Are Right for Your Community?

Up to 1800
Points

Benchmarking

Up to 1,000
Points

Thermal Energy Networks

Up to
2,000 Points

**Community Choice
Aggregation**

300 Points

**Energy Code
Enforcement Training**

Up to
900 Points

LED Street Lights

Up to
3,800 Points

Action Grant
up to \$290K

**Community
Campaigns**

Up to
1,000 Points

Green Financing

Up to 800
Points

Build-Ready

Up to
1,200 Points

**County-Hosted
Trainings**

Up to 4,100
Points

**Clean Energy Upgrades
and Municipal
Buildings Demo**

Up to
6,700 Points

Clean Fleets

200 Points

**Electric Landscaping
Equipment**

Up to 3,900
Points

Renewable Energy

Up to
1,400 Points

**Climate Smart Communities
Certification**

200 Points

**Municipal Clean Fleets
Inventory**

[High Impact Action Toolkits](#)

**300 to 1,800
Points:**

Benchmarking

Track energy use and
identify buildings with
greatest opportunity for
energy and cost savings

Eligibility: All communities

- Only Communities of 40,000+ are eligible for Large Private Buildings

Requirements:

- 300 Points: Advanced Benchmarking
 - Submit certified copy of an executed local law, ordinance, or resolution adopting Benchmarking energy use in municipal buildings over 1,000 sq. feet
 - Create EnergyStar Portfolio Manager Account, enter no less than 24 months of back utility data for municipal facilities
 - Share Portfolio Manager Account with NYSERDA
 - Completion earns community a free CEC Energy Study on a municipal building
- 1,500 Points: Large Private Buildings (25,000SF)
 - Submit copy of executed local law or ordinance

300 Points:

Energy Code Enforcement Training

Free hands-on training on current NYS energy code for compliance officers

Eligibility: Jurisdictions that enforce the Uniform Code for private buildings

Requirements:

- Completion of NYSERDA-approved residential and commercial workshops by at least 1 code official
- Submit copy of notification of completion email
- Points available only for trainings completed after January 26, 2021

[Link to Register for June 12th in Brighton](#)

**500 to 1,000
Points:**

Clean Energy Upgrades

Demonstrate reduction in
GHG emissions with new,
efficient technology

Eligibility: All communities

Eligible Upgrades: Energy efficiency & renewable energy improvements (solar, CDG, wind, geothermal, premium-efficiency wood pellets, anaerobic digesters)

Requirements:

- Submit ENERGY STAR Portfolio Manager benchmarking report for municipal buildings 1,000SF or larger that are owned or occupied by your community
- Share PM account read-only access with NYSERDA
- Submit Clean Energy Upgrades Calculator
- Submit back-up documentation (e.g., ASHRAE Energy Audit, approved pre-and-post engineering study, executed contract)
- Upgrades must have been substantially complete after August 1, 2016

Clean Energy Upgrades

Tier Number	% Reduction	Points	Prequalification
Tier 1	10% reduction	500	If you received points through a previous CEC PON for a 10% reduction, you are not eligible.
Tier 2	15% reduction (an additional 5% from the previous tier)	+ 200 Additional	Must have already received approval for the 10% reduction tier.
Tier 3	20% reduction (an additional 5% from the previous tier)	+ 300 Additional	Must have already received approval for the 10% and 15% reduction tiers.

Elective/Direct Pay

- Inflation Reduction Act (IRA)
- Tax-exempt and governmental entities (states, local governments, Tribes, territories, and nonprofits) are now eligible to receive the same tax credits for qualifying clean energy projects and electric vehicle purchases as consumers.
- There are a total of 12 Credits Municipalities are Eligible For
- Non-competitive- pay allows entities to get their payment if they meet the requirements for both direct pay and the underlying tax credits.

[Elective/DirectPay](#)

**100 to 3,100
Points:**

Municipal Building Demos

**Implement Clean Heating
& Cooling technology in a
municipal building**

Eligibility: All communities

Requirements:

- Install air- or ground-source heat pumps, or solar hot water system in at least one municipal building
- Building must be 1,000SF or larger and open year long to public
- Submit signed Demo Certification Form
- Submit photograph of educational kiosk, display, and/or materials educating staff and public about beneficial electrification
- Date of completion: date equipment is installed; must be after August 1, 2016

Municipal Building Demonstration: Clean Heating and Cooling		
Tier Number	Building Square Footage	Points
Tier 1	1,000-14,999 Square Feet	700
Tier 2	15,000 Square Feet and Above	1,000

Municipal Building Demonstration: Net Zero Building Size		
Tier Number	Building Square Footage	Points
Tier 1	1,000-14,999 Square Feet	500
Tier 2	15,000 Square Feet and Above	800

A Municipal Pool Heat Pump Demonstration is worth 100 Points.

**300 to 4,600
Points**

Renewable Energy

**Harness renewable energy
for your municipal energy
needs**

Eligibility: All communities

Requirements:

- 300 Points: CDG Subscription
 - Submit Bill Showing Active Municipal Account
- 700 Points: 100% Renewable Electricity
 - Certification form showing Annual Load matched w/ Renewable Energy Certificates (RECs) retired by NYGATS
- 400 to 1,500 Points: Host Clean Energy Generation Installation on Municipal Property
 - Submit a completed Renewable Energy Certification Form
 - Submit a copy of the hosting agreement or a screenshot of an incentive approval in the NY-SUN Program
- 600 to 2,100 Points: Clean Energy Generation Installation Owned By Municipality
 - Submit a completed Renewable Energy Certification Form
 - Submit the application number or a screenshot of an incentive approval in the NY-SUN Program.

Host Clean Energy Generation Installation on Municipal Property

Tier Number	Total Project(s) Size	Points
Tier 1	5 kW - 49.9 kW DC	400
Tier 2	50 kW - 99.99 kW DC	+ 500 Additional Points
Tier 3	100 kW DC or more	+ 600 Additional Points

Own Clean Energy Generation Installation

Tier Number	Total Project(s) Size	Points
Tier 1	5 kW - 49.9 kW DC	600
Tier 2	50 kW - 99.99 kW DC	+ 700 Additional Points
Tier 3	100 kW DC or more	+ 800 Additional Points

200 to 900 Points:

LED Street Lights*

Save electricity by
converting municipal
streetlights to LEDs

Eligibility: All Communities

Requirements:

- Submit LED Street Light Calculator.
 - Minimum 50% of streetlights converted,
OR minimum 10 fixtures in communities
with less than 20 fixtures
- 700 Points: Cobra Head Fixtures*
- 200 Points: Decorative Poles

* Points awarded retroactively for action approved by
NYSERDA prior to Leadership Round launch.

**200 to 3,000
Points:**

Clean Fleets: Electric Vehicles

Reduce GHG emissions and
pollutants by transitioning to
EVs and supporting EV use

Eligibility: All communities

Requirements:

- Submit Clean Fleets Certification Form
 - Active at submittal/date operational

Light-Duty Electric Vehicles		
Tier Number	Total Deployment	Points
Tier 1	1	300
Tier 2	At least 2 additional vehicles to tier 1 (3 vehicles total).	+ 500 Additional
Tier 3	At least 3 additional vehicles to tier 2 (6 vehicles total).	+ 700 Additional

- 600 Points: Medium/Heavy Duty Road Vehicle
- 200 Points: Light Duty Non-Road Vehicles
- 700 Points: Medium/Heavy Duty Non-Road Vehicle
- EVs: plug-in hybrid or battery-electric vehicle;
public roadway capability; speed at least 55MPH

**200 to 3,700
Points:**

Clean Fleets: Charging Stations

Reduce GHG emissions and
pollutants by transitioning to
EVs and supporting EV use

[Clean Fleets Toolkit](#)

Eligibility: All communities

Requirements:

- Submit Clean Fleets Certification Form
 - Active at submittal/date operational

Level 2 Charging Stations		
Tier Number	Total Ports	Points
Tier 1	Minimum of 2 ports	200
Tier 2	Minimum of 4 additional ports (6 total ports)	+ 400 Additional
Tier 3	*Minimum of 10 additional ports (16 total ports)	+ 600 Additional

DC Fast Charging Stations		
Tier Number	Total Ports	Points
Tier 1	Minimum of 1 port	500
Tier 2	Minimum of 2 additional ports (3 total ports)	+ 800 Additional
Tier 3	Minimum of 3 additional ports (6 total ports)	+ 1,200 Additional

**800 to 1,400
Points:**

Climate Smart Communities Certification*

Reduce GHG emissions and
adapt to climate change by
achieving Bronze / Silver CSC
Certification

Eligibility: All communities **Requirements:**

- 800 Points: Bronze Certification
- 1,400 Points: Silver Certification
- Submit screenshot(s) of the CSC [website](#), or comparable information, demonstrating achievement of Certification(s)

* Points awarded retroactively for action approved by NYSERDA prior to Leadership Round launch.

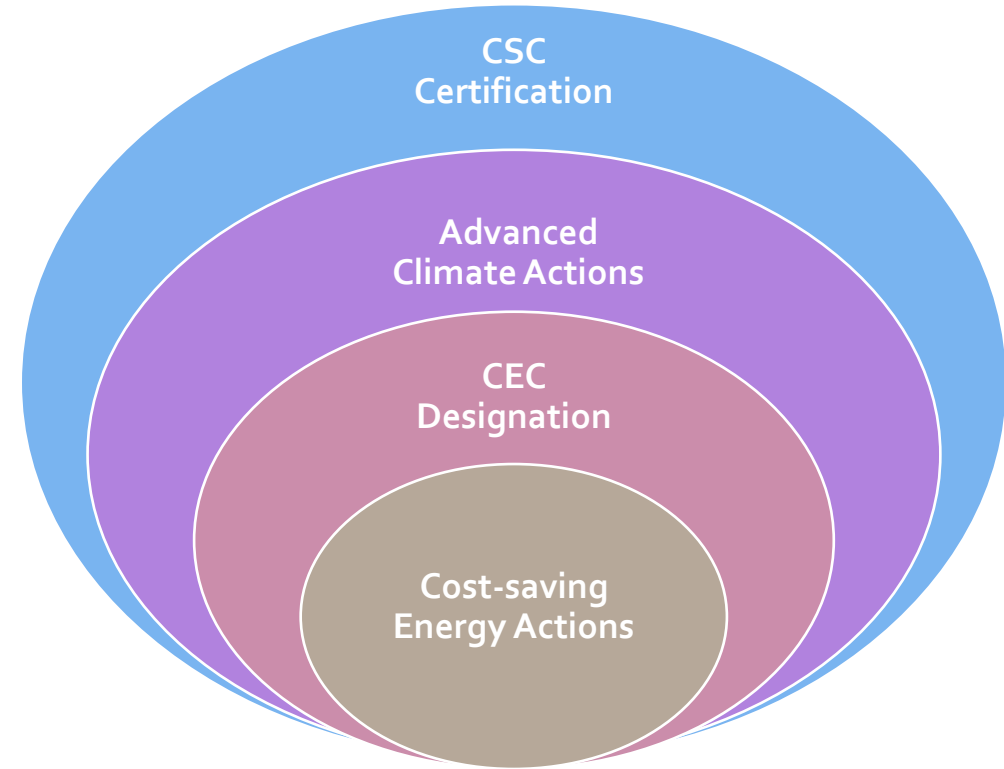
How are CEC & CSC Related?

Clean Energy Communities

- Focused on clean energy
- 15 high-impact action categories, 50+ distinct actions
- Becoming a Certified Bronze or Silver CSC are actions
- Complete 4 actions to be designated a CEC
- Additional Designations Earn Grant Funding

Climate Smart Communities Certification

- Comprehensive climate program
- 12 action categories, 115 unique actions
- Improve score on grant applications (CSC Grants, ZEV Infrastructure Rebates, DOS Smart Growth Community Planning and Zoning Grant)
- Become Certified Bronze with 120 points (2 mandatory actions)



➤ **Earn points toward CSC Certification by doing CEC actions and vice versa!**

**200 to 1,000
Points:**

Community Campaigns- Community Solar

Help your constituents
access clean energy while
saving money

Eligibility: All communities

Tier 1 – 200 Points		
Municipality Size by Population	Required Number of Campaign Participants	Action Grant Amount
Large (40,000+)	25	\$15,000
Small/Medium (0-39,999)	10	\$5,000

Tier 2 – Additional 300 Points		
Municipality Size by Population	Required Number of Campaign Participants	Action Grant Amount
Large (40,000+)	100 (125 total participants)	\$30,000
Small/Medium (0-39,999)	50 (60 total participants)	\$10,000

Tier 3 – Additional 500 Points		
Municipality Size by Population	Required Number of Campaign Participants	Action Grant Amount
Large (40,000+)	250 (375 total participants)	\$60,000
Small/Medium (0-39,999)	100 (160 total participants)	\$20,000

Must Submit Scoping Document to NYSERDA for Approval
PRIOR to Campaign Launch

**200 to 1,000
Points:**

Community Campaigns- Electric Vehicles

Partner with organizations and
dealerships to offer Residents
options

Eligibility: All communities

Tier 1 – 200 Points		
Municipality Size by Population	Required Number of Campaign Participants	Action Grant Amount
Large (40,000+)	10	\$15,000
Small/Medium (0-39,999)	5	\$5,000

Tier 2 – Additional 300 Points		
Municipality Size by Population	Required Number of Campaign Participants	Action Grant Amount
Large (40,000+)	50 (60 total participants)	\$25,000
Small/Medium (0-39,999)	15 (20 total participants)	\$7,500

Tier 3 – Additional 500 Points		
Municipality Size by Population	Required Number of Campaign Participants	Action Grant Amount
Large (40,000+)	100 (160 total participants)	\$40,000
Small/Medium (0-39,999)	50 (70 total participants)	\$15,000

Must Submit Scoping Document to NYSERDA for Approval
PRIOR to Campaign Launch

500 to 1,800 Points: Community Campaigns- Clean Heating & Cooling

Help residents electrify their homes
and replace other forms of energy
such as fossil fuels

Eligibility: All communities

Tier 1 – 500 Points		
Municipality Size by Population	Required Number of Campaign Participants	Action Grant Amount
Large (40,000+)	10	\$15,000
Small/Medium (0-39,999)	5	\$5,000

Tier 2 – Additional 600 Points		
Municipality Size by Population	Required Number of Campaign Participants	Action Grant Amount
Large (40,000+)	20 (30 total participants)	\$30,000
Small/Medium (0-39,999)	10 (15 total participants)	\$10,000

Tier 3 – Additional 700 Points		
Municipality Size by Population	Required Number of Campaign Participants	Action Grant Amount
Large (40,000+)	30 (60 total participants)	\$60,000
Small/Medium (0-39,999)	15 (30 total participants)	\$20,000

Must Submit Scoping Document to NYSERDA for Approval
PRIOR to Campaign Launch

200 Points:

Electric Landscaping Equipment

Reduce emissions,
noise, and other
pollutants from
municipal operations

Eligibility: All Municipalities

Requirements:

- Submit an Electric Landscaping Certification Form identifying sufficient electric landscaping equipment purchased for municipal operations that will save at least five (5) tons of carbon dioxide equivalent annually.
- Must have been purchased on or after December 13, 2023

200 Points:

Municipal Clean Fleets Inventory

Plan the possible transition
to electric vehicles in a
thoughtful and efficient
manner

Eligibility: All Municipalities

Requirements:

- Submit a complete Clean Fleets Inventory Certification Form
- Must Include at least Five (5) vehicles
- Completed on or after January 1, 2023

CEC 3.0 Resources

- 1) Clean Energy Communities 3.0 Round [Website](#)
- 2) [Videos](#): NYS local governments implementing the CEC Program
- 3) CEC 3.0 Round [Guidance Document](#)
- 4) Registration Link to [Code Enforcement Training](#)
- 5) CEC HIA [Toolkits](#)
- 6) CEC 3.0 Grants [Overview](#)
- 7) Disadvantaged Communities Lookup [Map](#)
- 8) Information on [Elective/Direct Pay](#)
- 9) NYSERDA [Flex Tech](#) Program
- 10) CEC HIA Submission [Portal](#)
- 11) Climate Smart Communities Program [Portal](#)
- 12) Community [Scorecard](#)



I'm Here to Help!

Rob Richardson
(e) rrichardson@gflrpc.org
(c) (585) 666-9308

