

Hudson Valley Community Power



Let's create change together

Community Partners



Program Partners



Hudson
Valley
Energy



Follow us to learn more about how you can make Community Choice a reality in the Hudson Valley.

HudsonValleyCommunityPower.com

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#HudsonValleyCommunityChoice

#LocalEnergyChoice





Agenda

- What is Community Choice Aggregation (CCA)?
- The Hudson Valley Community Power CCA Program (2019)
- Next Steps for Clinton
- Frequent CCA questions (and answers) – a review
- Community Solar + CCA
- If time allows
 - Community Solar Sustainability fund workshop
 - Discuss local networks

What is CCA?



Community Choice Aggregation (CCA) is:

A **policy** enabling **municipalities** to source energy on behalf of its residents and businesses.

Why? “Public Benefit” win-win-win:

- 1) Save money
- 2) Clean Energy
- 3) Consumer Protection

What is CCA? a New York State Priority



NYSERDA's Clean Energy Communities (CEC) Program

Action 1: Benchmarking

Action 2: Clean Energy Upgrades

Action 3: LED Streetlights

Action 4: Clean Fleets

Action 5: Solarize

Action 6: Unified Solar Permit

Action 7: Energy Code Training

Action 8: Climate Smart Communities (CSC) Certification

Action 9: Community Choice Aggregation (CCA)

Action 10: Energize New York Finance

NYSERDA CEC Website:

<https://www.nyserda.ny.gov/All-Programs/Programs/Clean-Energy-Communities/Action-Items>

What is CCA?

Deregulation → Individual Consumer Choice



Electric	Meter #12345	RATE E100 NON HEATING	Rate Class
Electric Service Charges 1131 kWh at a cost of \$192.25		Central Hudson Account	
Average Daily Cost for Electric \$3.3147		Number is 11 digits	
Amount of Electricity Used			
Nov 13, 2009	Present Reading (act.)	91153	
Sep 16, 2009	Previous Reading (act.)	90022	
Electricity Used (kWh)		1131	
Cost for Electricity Used (for 2.0 months)		Annual Usage = Monthly Usage * 12	
ENERGY DELIVERY CHARGES:			
Basic Service Charge	2.0 Mos @	18.00	36.00
Delivery Svc Chg	1131 kWh @	0.04691	53.06
MFC Admin Chg	1131 kWh @	0.00209	2.36
Transition Adj	1131 kWh @	0.00012	0.14
Bill Credit	1131 kWh @	-0.00682	-7.71
SBC/RPS Chgs	1131 kWh @	0.00392	4.43
Purch. Power Adj	1131 kWh @	0.00053	0.60
Misc. Charges	1131 kWh @	0.00013	0.15
NYS Assessment	1131 kWh @	0.00303	3.43
ADM Chg	1131 kWh @	0.00149	1.69
Total Delivery Chrgs			94.15
ENERGY SUPPLY CHARGES:			
(You may choose another supplier for this part of your service)			
MFC Supply Chg	1131 kWh @	0.00403	4.56
Market Price	1131 kWh @	0.06400	73.36
Market Price Adj	1131 kWh @	0.01418	16.04
Total Supply Chrgs			93.96
NYS & Local Taxes and Surcharges			4.14
TOTAL ELECTRICITY COST			\$192.25

Delivery

Supply



Account Number

Account Number: 1111-1111-11-1

Sample 1
Residential, Full Service, Dual Service

1111-1111-11-1
Page 1 of 4

Questions About Your Bill? See the reverse side for explanations. For further help, call a Customer Service Representative at 845-452-2700 or 1-800-527-2714. Our phone lines are busiest Monday and Tuesday mornings. We can better respond to your call if you avoid these times.

Your Bill at a Glance

Total Balance Due
Current Billing Period
Late Charges Added After

What is CCA?

Deregulation → Individual Consumer Choice



dps.ny.gov/PTC/zipcode/12508






Summary of Offer Results [Back to home](#)

134 Energy Offers Found

86 Electric | **48** Gas

33 Green Offers

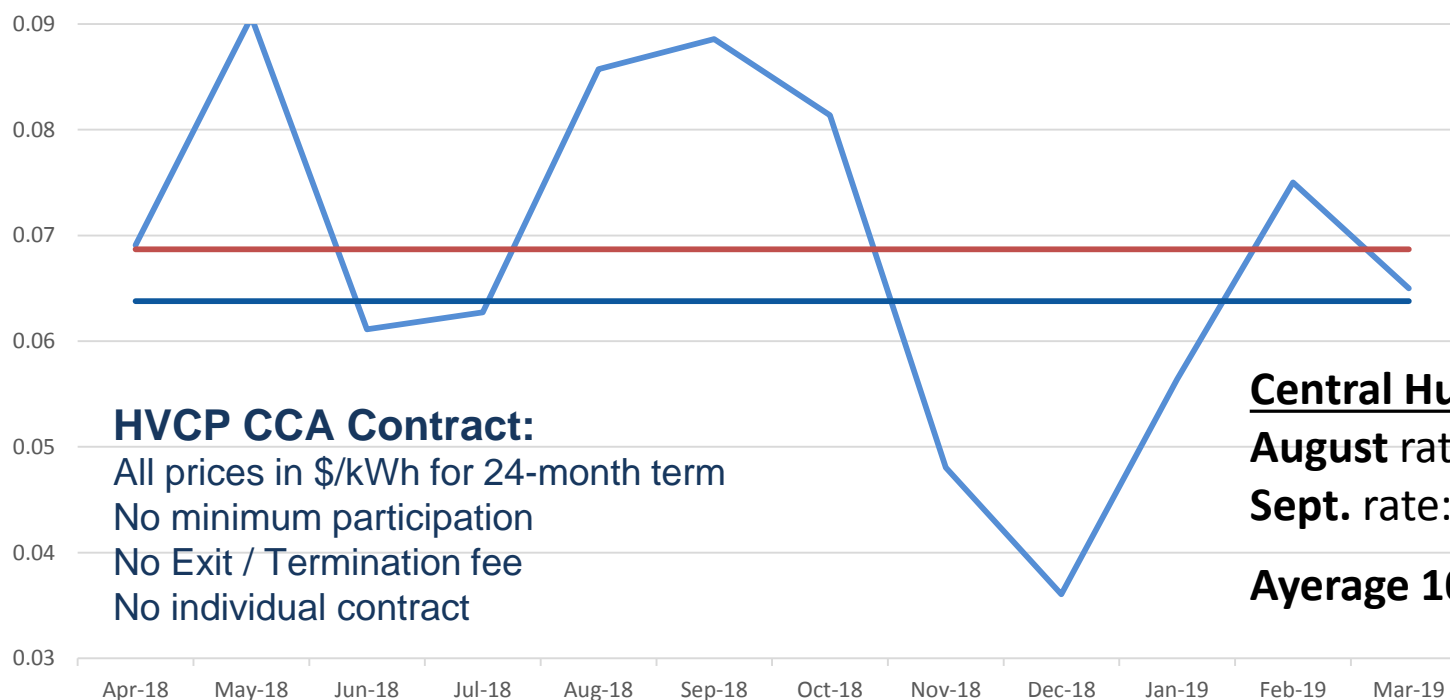
Estimations are made based on consumption of 300 therm or 700 kWh per month.

 Electric Summary	 Gas Summary
\$36.39–\$112.98 PER MONTH (\$0.052–\$0.16 per kWh)	\$141.75–\$294 PER MONTH (\$0.4725–\$0.98 per therm)
33 Green Offers 	0 Guaranteed Savings 
0 Guaranteed Savings 	

Electricity Rate Comparison



12-month Central Hudson weighted average	HVCP 100% Renewable fixed rate	Savings
	0.0636	0.0049
0.0687	HVCP Standard fixed rate	Savings
	0.0608	0.0079



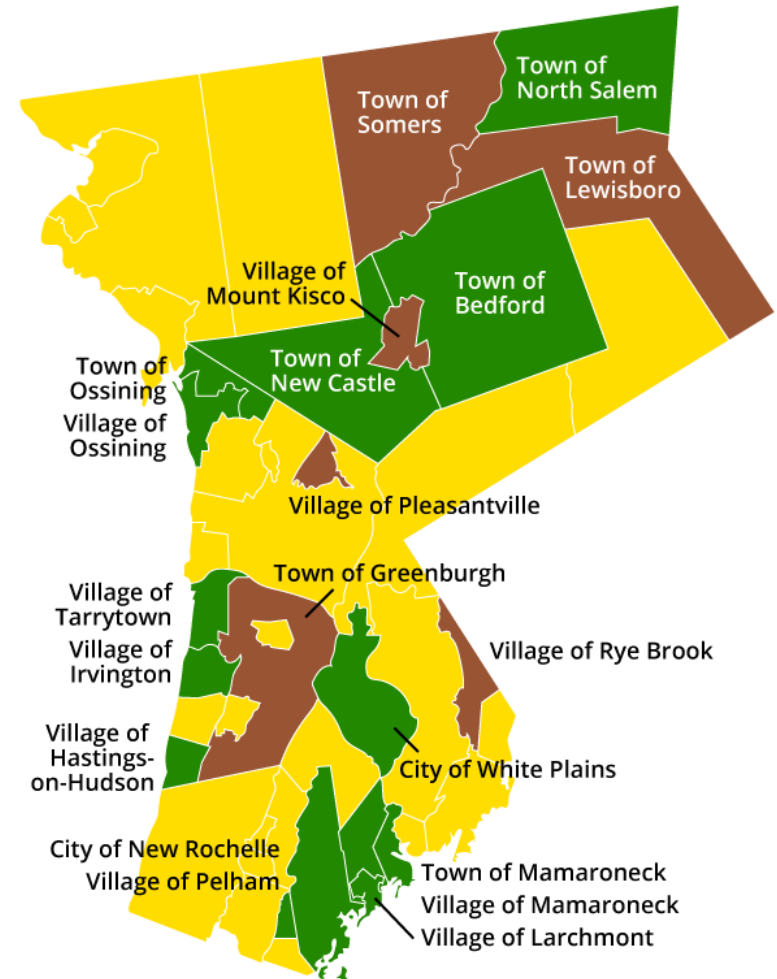
— Central Hudson variable rate — 12-month Central Hudson weighted average — HVCP 100% Renewable fixed rate

What is CCA?

New York Pilot Project



- Launched May 2016
- 110,000+ customers in 25 communities
- \$17 million in savings (as of 10/2018)
- 24 of 25 communities 100% renewable default
- Largest renewable energy purchase in NYS history



Where we are ...



Hudson Valley Community Power on September Central Bill (“Direct Energy Services”)

100% New York State Renewable Energy is the new default supply.

Letters in the mail will describe program details and options as consumers



Community Power is bringing Local Energy Choice to
the Hudson Valley

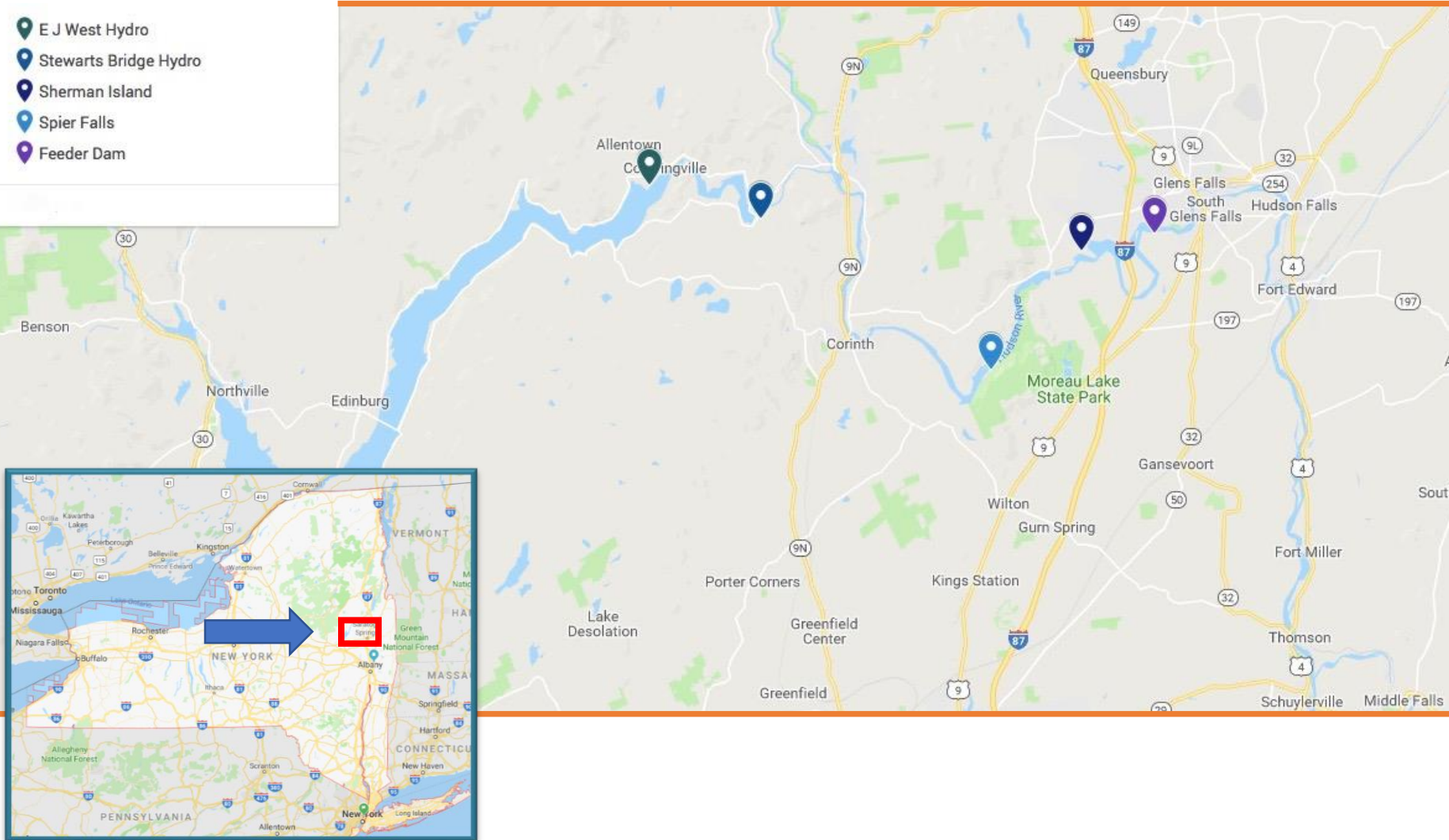
[Learn more](#)

Supply Source Options

Hudson Valley Community Power Renewable Hydropower Facilities



- E J West Hydro
- Stewarts Bridge Hydro
- Sherman Island
- Spier Falls
- Feeder Dam





Program Opt-Out Choices

If you do not wish to participate in the program, you may opt out, as follows:

Opt-out by mail: Fill out the prepaid opt-out card enclosed in the Notification Mailing

Opt-out by phone: Call us at **845-859-9099**.

Opt-out online: Visit www.HudsonValleyCommunityPower.com to use the Opt-out Form. Enter Enrollment Account Number when prompted.



Community Power is bringing Local Energy Choice to
the Hudson Valley

Learn more

Next Steps



- Department of Public Service (DPS) Approval – Meetings, articles, outreach
- Notification Mailing package will be mailed to eligible customers in November?
- 30-Day Opt-Out period follows Mailing – Goal: in Program by January 2019
- Program supply rate on Central Hudson bills on billing cycle following Opt-Out
- Public education Q&A sessions **ongoing + CAC meeting attendance**
- For questions or to learn more:
 - **Email:** info@HudsonValleyCommunityPower.com
 - **Program Hotline:** 845 859-9099
 - **Website:** www.HudsonValleyCommunityPower.com
 - **Visit us** at our **Community-hosted Office Hours ...**

Mondays 12:30 – 1:30 pm

Elting Public Library, 93 Main St., **New Paltz**

Tuesdays 11:00 am – 12:30 pm

Poughkeepsie Public Safety Building, 505 Main St.

Wednesdays 11:00 am – 12:30 pm

Beacon Recreation Center, 23 West Center St.

Thursdays 11:00 am – 12:30 pm

Cold Spring Village Hall, 85 Main St.

... OR call or email us at your convenience!

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Common Questions



- Does this replace my utility company?
No. All through utility bill (line item change).
- Why are you doing this? How can you do this?
Public benefit – for the 3 goals (above).
- Will this save me money?
5-10% on Supply price, not guaranteed.
- Am I locked into this for 2 years?
No. Can exit freely at any time.
- What happens after 2 years? Will the rate go crazy?
No – contract ends, back to utility. Can repeat.
- Where does the energy come from?
Renewable electricity from New York State.
Community Solar – local + guaranteed ~10% savings

CCA + Community Solar



CCA

Cost saving opportunity by a low, fixed rate

100% Clean New York State electricity

Consumer protection – no bad contracts or hidden fees

Community Solar

100% Local Clean Electricity

Guaranteed Savings – typically 10% more off entire bill

CCA Partner Communities Advantage:

By signing up to be part of a local Community Solar project, you also help build a Sustainability Fund, which your city/town can use to create an even more sustainable community.

Resources



About Community Choice

NYSERDA: <https://www.nyserda.ny.gov/All-Programs/Programs/Clean-Energy-Communities/Clean-Energy-Communities-Program-High-Impact-Action-Toolkits/Community-Choice-Aggregation>

“LEAN”: <http://leanenergyus.org/>

Hudson Valley Community Power: <https://www.hudsonvalleycommunitypower.com/>

NYS Public Service Commission “CCA Order”

<https://www.nyserda.ny.gov/-/media/Files/Programs/Clean-Energy-Communities/Public-Service-Commission-CCA-Order.pdf>

NYS DEC Webinar

<https://content.govdelivery.com/accounts/NYSDEC/bulletins/20259e6>

Questions?



Hudson Valley Community Power

RENEWABLE HIGHLANDS

www.HudsonValleyCommunityPower.com

email: cca@hudsonvalleyenergy.org

Program hotline: 845-859-9099

Jeffrey Domanski

CCA@HudsonValleyEnergy.org

646 483-1338

Glenn Weinberg

gweinberg@jouleassets.com

914 977-3444 x106



**Hudson
Valley
Energy**

The Process for “new” Communities



1. Approve Community Choice Local Law

- Enabling calls upon municipal home rule authority to establish a CCA program.
- Establishes principles and desired outcomes, but gives municipality flexibility to explore and implement on their own terms.



The Process for “new” Communities

2. Select Community Choice Administrator/Approved Program

- Entity authorized to represent the municipality in CCA implementation process with utilities, regulators, energy suppliers, project developers.
- Selecting an Administrator does not commit the municipality to CCA; simply authorizes Administrator to collect data and present contract options. Municipality determines threshold criteria for execution.
- Administrative fee paid by contracted energy suppliers, not by municipality or as a line item on residents' utility bills.

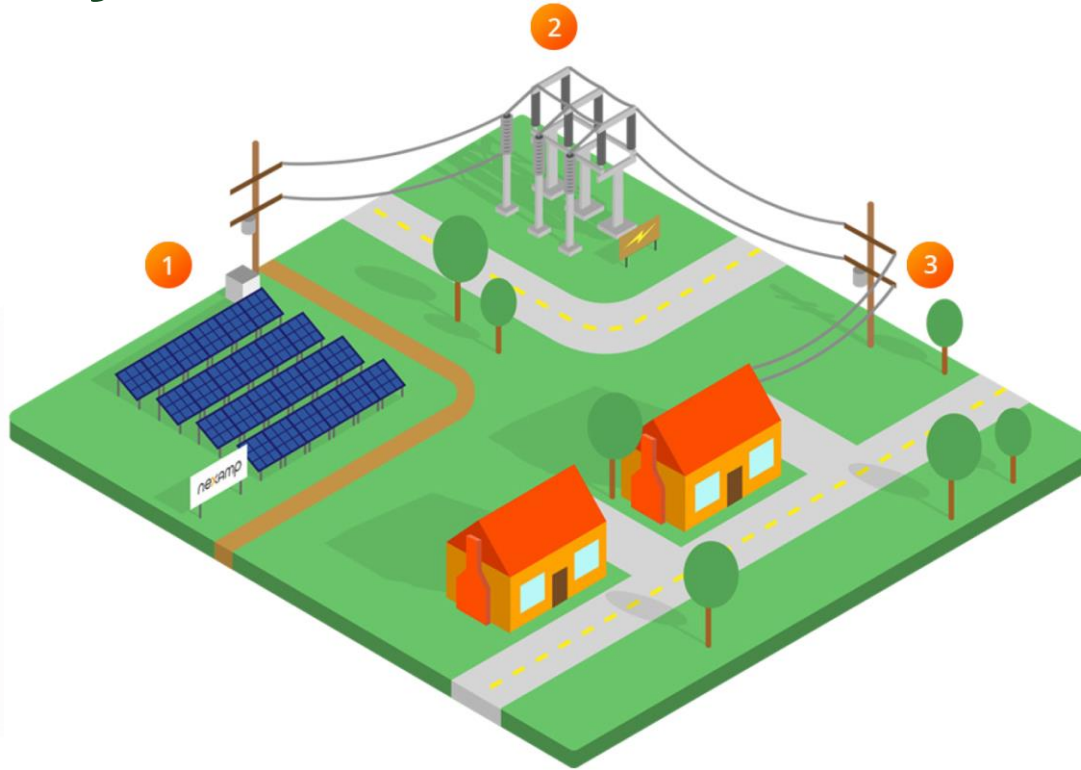
The Process for “new” Communities



3. Identify Suppliers and Terms

- Administrator represents municipality in negotiations with local renewable operators / retail suppliers to find available resources, arrive at pricing benchmarks and contract terms.
- Municipality (and counsel) has final authority, establishes binding terms for contract execution through MOU.

Community Solar: how it works



- 1.** You subscribe to a share of a solar farm.
- 2.** The solar farm feeds clean power into the grid while earning you energy credits.
- 3.** You purchase these energy credits at a discount, reducing your electricity costs by ~ 10%.

Billing & Payments: Sample Utility Bill

Your credits will appear as a line item on your bill called "CDG Generation Credit"

Message Center

Did You Know ?

2018 IS THE YEAR OF THE VETERAN

IF YOU ARE A VETERAN OR A MILITARY FAMILY WHO HAS A
HARDSHIP SUCH AS A FINAL TERMINATION NOTICE YOU MAY
BE ELIGIBLE FOR A ONE-TIME GRANT THROUGH THE GOOD
OR MORE INFO GO TO CENTRALHUDSON.COM.

Electric Meter # 46743189 RATE E100 NON HEATING

Electric Service Charges 972 kWh at a cost of \$172.36

Average Daily Cost for Electric \$5.9434

Amount of Electricity Used

Aug 23, 2018	Present Reading (act.)	88466
Jul 25, 2018	Previous Reading (est.)	87494

Electricity Used (kWh)	972
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Cost for Electricity Used (for 1.0 months)

ENERGY DELIVERY CHARGES:

Basic Service Charge	1.0 Mos @	21.00	21.00
Delivery Svc Chg	972 kWh @	0.07563	73.51
MFC Admin Chg	972 kWh @	0.00180	1.75
Transition Adj	972 kWh @	0.00017	0.17
Bill Credit	972 kWh @	-0.00190	-1.85
SBC/RPS Chgs	972 kWh @	0.00698	6.78
Misc. Charges	972 kWh @	0.00256	2.49
RDM Chg	972 kWh @	-0.00280	-2.72

Total Delivery Chrgs	101.13
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ENERGY SUPPLY CHARGES:

(You may choose another supplier for this part of your service)

MFC Supply Chg	972 kWh @	0.00325	3.16
Market Price	972 kWh @	0.07774	75.56
Market Price Adj	972 kWh @	-0.00994	-9.66

Total Supply Chrgs	69.06
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NYS & Local Taxes and Surcharges	2.17
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TOTAL ELECTRICITY COST	\$172.36
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Miscellaneous Charges

CDG generation credit	-170.00
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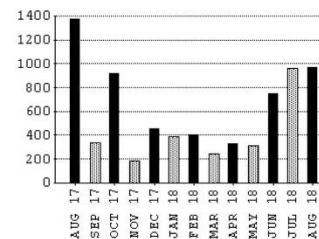
Total Due to CHG&E	\$2.36
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Solar Credits

For this billing period, the average cost of energy we purchased for you was \$0.07105 per kWh (excluding taxes). You can use this number to compare our price to other suppliers' prices.

Graph (black bars = actual, gray bars = estimate)

YOUR RECENT ELECTRIC USAGE



Sample Nexamp Invoice



Nexamp, Inc.
101 Summer Street
2nd Floor
Boston, MA 02110

Invoice
TDS939
3/25/2019

Current Invoice Total: \$311.18

Previous Account Balance: \$551.35

Total Account Balance: \$862.53

Bill To:

Company XYZ
654 Rose St
Boston, MA 01234

TOTAL DUE
\$862.53

DUE DATE
4/24/2019

Utility	Production Period	Utility Account Info	Solar Energy Credit	Discount on Solar Credits	Amount Due
NGRID WCMA	1/29/2019 to 2/27/2019	1234567891 987 Ladyslipper Ave Boston, MA 01234	\$366.09	15%	\$311.18

Current Invoice Total **\$311.18**

Lifetime Savings


\$305
Value of Credits
Purchased to Date


18%
Savings
Rate


\$295
Savings
to Date

Environmental Impact


10,000 lb
CO₂ Emissions
Saved


155
Equivalent
Trees Planted

PAY ONLINE: visit www.nexamp.com/login **MAIL A CHECK:** 101 Summer St 2nd Floor, Boston MA 02110

QUESTIONS ABOUT YOUR BILL? contact ar@nexamp.com

FAQs

I have no credits on my utility bill. What do I do?

If there are credits missing from your utility bill, your utility bill was likely generated before the utility was able to transfer the credits. Customers have two options: 1) check your online utility account to confirm that the credits have been transferred to your account and applied to your balance or 2) wait for your next utility bill to confirm the transfer of credits. Please feel free to hold off on paying your Nexamp invoice until you have confirmed the transfer of credits to your account – we do not want our customers paying for credits they have not seen!

Does this change my relationship with the utility?

Not at all; the utility delivers electricity to your home as usual, and will continue to service all equipment and resolve all power outages. Nexamp will handle all communication with your utility regarding your enrollment in community solar. If there are any remaining charges after the Nexamp credits are applied to your utility bill, you are responsible for paying that amount to the utility.

When is it important to contact Nexamp?

If at any point you intend to move or change the details of your utility account, we need to hear from you as soon as possible! We have minimal visibility into your utility account, and therefore we rely on the customer to inform us of any impending changes that might disrupt your crediting service.

Nexamp Projects in Central Hudson

Wappingers Falls

2.6 MW

Rochester (Airport Road)

5.6 MW

Rochester (Rt. 209)

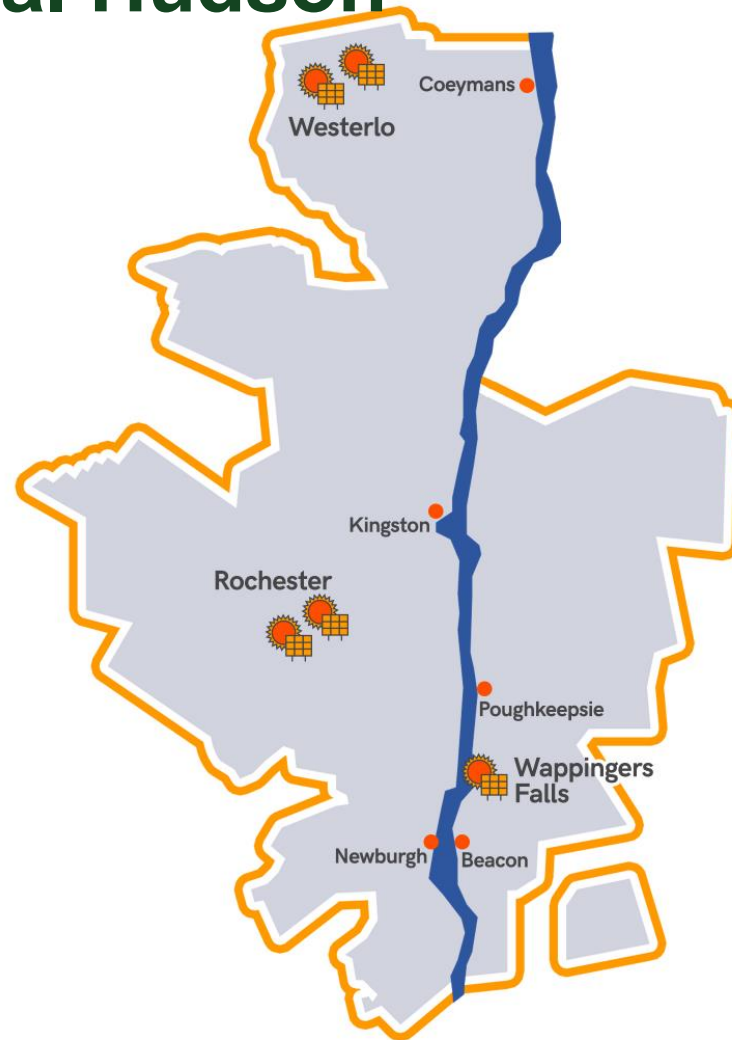
5.6 MW

Westerlo (East)

7 MW

Westerlo (West)

7 MW



Sustainability Fund

Enrolling community solar customers through CCA raises funds for participating communities.

Where does the funding come from?
CCA enrollment efficiency.

We are making more community solar viable.

For every 1 Enrollment	Reward = \$50
50	\$2,500
200	\$10,000
400	\$20,000

A minimum threshold of 2.5% accounts must be reached to receive funds.

2.5% of Beacon's 5,884 households* is
147 enrollments for \$7,355

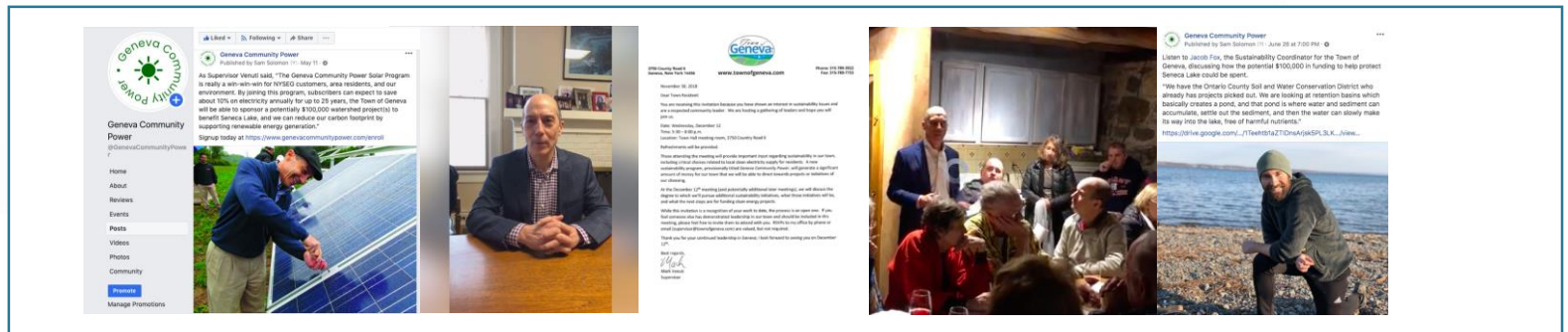
Enrollment targets must be met by November 30th.
Municipalities may combine funds for shared projects.

Case Study



Finger Lakes Town earned \$25,000
15% of residents enrolled

The Supervisor and Sustainability Coordinator led the way



Local organizations took up the cause



Residents became enthusiastic ambassadors

Local Engagement Mapping

Who are the local organizers and organizations? Fill in your forms.

Associations:

Nonprofits:

Facebook:

Media: