



NYSERDA Grant Challenge

Town of Hurley



Hurley Climate Smart Task Force

For the Town of Hurley, February 27, 2024

Kristen Schara, Coordinator

Lynne Bailey, Communications Manager



**Climate Smart
Communities**

Certified Bronze

Hurley's 2024 Challenge for \$20k Grant Money



Community Solar Sign-ups

If 50 residents or businesses in Hurley sign up for community solar, the Town can receive a \$10,000 grant

All subscriptions begun on or after June 1, 2023, are eligible



Heat Pump Installations

If we report five installations of heat pumps or heat pump water heaters in the Town, we can receive a \$5,000 grant; \$10k available for 15 installations

Installations completed after Nov. 29, 2023, qualify



EV Purchases/Leases

When we report that five electric vehicles purchases by town residents or entities, the Town can receive a \$5,000 grant

Purchases from Nov. 29, 2023, qualify

Agenda for Hurley TB March Meeting

- Why electrify
- Planning for a renewable energy future
 - Possible plan overview
- Where our electricity comes from
- Opportunity #2
 - **Community Solar**
- Next steps / Q&A



Why Electrify?

- Save money
 - Especially with a good plan
- Better performance
 - Electric vehicles
 - Induction stoves
 - A/C

- Help town get grants
- Did I say SAVE MONEY?



- Better for the environment

Why Electrify?

- Lowers carbon-producing activity
 - Power plants switching to renewables
- Puts less pollution into the atmosphere
- Less atmospheric pollution also reduces CO₂ in the oceans
- Reducing pollution from fossil-fuels can help limit rise of global temperatures





Last Session

April 25*: Electric Vehicles

Town Board Meetings begin at 6 PM Town Hall

*Changed to a Thursday that month



Making Your Renewable Energy Plan

Courtesy Tom Konrad, Energy Coach,
New Yorkers for Clean Power

Lynne Bailey, MS

Cornell Climate Steward

Communications Manager, Town of Hurley CSTF

Easthurley@gmail.com / climatesmart@townofhurley.org



Why have a plan? Affordability



Using renewables instead of fossil fuels means replacing fossil fuel powered equipment



Replacing working equipment is an extra expense



Replacing equipment near its end-of-life means you can use money you would already have to spend



Having a plan means you will know what to do if something needs to be replaced in a hurry




If everyone has a plan, we'll stop wasting money on obsolete equipment



How to Make a Plan


Inventory



What uses fossil fuels in my home?

- Vehicle
- Heating
- Hot Water
- Cooking
- Lawnmower
- Snowblower
- Back-up generator...


Replacement Option



Identify Electrification Alternatives

- EV/PHEV
- Heat pumps
- Heat pump water heater
- Induction
- Electric yard tools
- EV to home...
- Solar Panels

Preparation



Preparation

- Home weatherization
- Added insulation

Electrical Upgrades Needed?

- Replace before end of life
- Source green electricity-CDG, ESCOs, solar...



Create a personalized plan at
[RewiringAmerica.org](https://www.RewiringAmerica.org)

Example Home Fossil Fuel Use Inventory

Item	Annual Use	Replace in	Replace with	Do first
Electric Supply	10,000 kWh			Community Solar Sign-up
Boiler	600 g fuel oil			
Aux water heat	See above			
2015 Prius	400 gal gas			
Gas Stove	Low			
Riding Lawnmower	?? gal			
Snowblower	? gal			



Electrification Opportunity #2

Community Solar Subscription

Lynne Bailey, MS

Cornell Climate Steward

Communications Manager, Town of Hurley CSTF

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What is Community Solar?

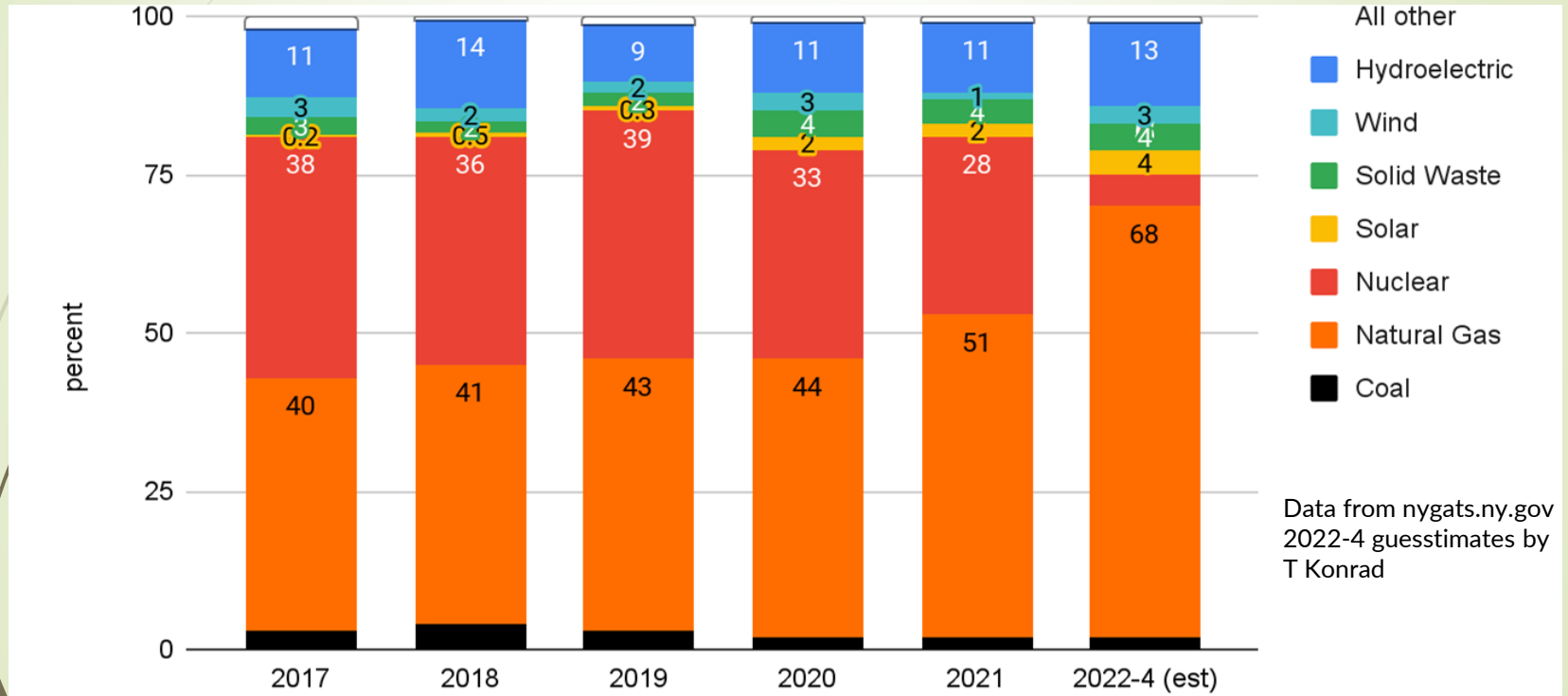


The background of the slide is a close-up, slightly angled view of a solar panel array. The panels are dark blue or black with a grid of thin, light-colored lines. The perspective is from above, looking down at the panels, which are arranged in rows and columns. The lighting is bright, creating some highlights and shadows across the surface of the panels.

**Community Solar sign-ups
encourages companies to
build solar farms**

**With subscribers on deck
they proceed more confidently**

Where Our Electricity Comes From: Central Hudson Energy Sources



You should sign up for Community Solar

- ▶ You are eligible if you...
 - Have Central Hudson electric bill
 - Don't have solar panels
- ▶ Community solar always a good deal
 - Saves up to 10% on electric bills
- ▶ If town gets 50 new sign-ups from June 1, 2023, the town may get a \$10,000 grant
- ▶ Want help signing up? Contact an Energy Coach



Community Solar a.k.a. CDG or Community Distributed Generation

- ▶ You get credit on your Central Hudson bill, then pay the Community Solar company for it (at a 10%) discount
– OR –
- ▶ CH provides a “Consolidated Bill” with community solar credits and debits listed on the CH bill:

Payments and Adjustments		
CDG Subscription Dr	11/16/2022	\$177.65
Community Distrib Generation Cr	11/16/2022	\$-197.39

\$177.65 = Payment to solar farm
\$197.39 = Central Hudson credit
\$ 19.74 = On bill savings

- User info also available from community solar company

Community Solar Savings Example

Hi Lynne,

It's never too late to look back! That's why we're sending you a 2023 review of your community solar savings with Solstice. We hope that these numbers will help illuminate the impact solar is having on your life!

- The total credit value applied to your utility bills based on your solar share's production was \$2,001.81.
- The total cost you paid at a discounted rate for those credits was \$1,801.63.
- **Overall, you saved \$200.18 in 2023 by being a Solstice customer and supporting local renewable energy!**

Solstice received this data from your utility provider, and in some cases, this data may have been affected by reporting delays. As a reminder, you can log in to your **Solstice account** any time to view your billing history, solar energy usage, positive environmental impact, and more!



How to Sign-up On-line

- ➔ Go to <https://cleanenergymarket.cenhud.com/>
- ➔ Enter zip code
- ➔ Use slider to indicate average monthly electric bill
- ➔ Click on button **SEARCH PROJECTS**

The screenshot shows the website's search interface. At the top, the browser address bar displays 'cleanenergymarket.cenhud.com'. Below it is a dark blue navigation bar with the text 'Clean Energy' and links for 'Search Projects', 'FAQ', 'Support', and 'Rewards', along with a user profile icon. The main heading reads 'Support Local Clean Energy & Save!'. A paragraph of text explains that users can subscribe to a share of a solar farm or other renewable energy projects in the Hudson Valley, allowing them to support renewables without installing anything on their property and save money. Below this, a form prompts the user to 'Enter your zip code and average monthly electric bill'. The form includes a slider for the average monthly electric bill, with a value of '\$225' displayed above it. The slider has a range from 0 to 1000. Below the slider is a zip code input field containing '12443' and a 'Search Projects' button. Red circles highlight the '\$225' value, the '12443' zip code, and the 'Search Projects' button.

cleanenergymarket.cenhud.com

Clean Energy Search Projects FAQ Support Rewards

Support Local Clean Energy & Save!

With clean energy programs, you can subscribe to a share of a solar farm – or other types of renewable energy projects – located right here in the Hudson Valley. If you have an electric bill, you can support renewables without installing anything on your property – and save money!

Enter your zip code and average monthly electric bill

\$225

0 1000

12443 Search Projects

Project Search Results

Things to look for

- Active project (no wait)
- No cancellation fees
- Details
- Sign-up Bonus (\$25 +)
- Consolidated Bill

Clean Energy Search Projects FAQ Support Rewards

Reiserder Filling Up
Ellenville, NY
Est. Annual Savings **\$216**
Project Status **Active**
Min. Credit Score **None**
No cancellation fees.
Subscription Provided By Solstice (9)
Details **Get Started**

Myer Solar Farms Filling Up
Wappingers Falls, NY
Est. Annual Savings **\$216**
Project Status **Active**
Min. Credit Score **650**
Free to cancel with 90 days notice.
Subscription Provided By Common Energy (34)
Details **Get Started**

Landau II Filling Up
Kingston, NY
Est. Annual Savings **\$216**
Project Status **Active**
Min. Credit Score **None**
No cancellation fees.
Subscription Provided By Solstice (9)
Details **Get Started**

Brodhead Filling Up
West Shokan, NY
Est. Annual Savings **\$216**
Project Status **Active**
Min. Credit Score **None**
No cancellation fees.
Subscription Provided By Arcadia (21)
Details **Get Started**

Details Example

Clean Energy

Search Projects

FAQ

Support

Rewards



Project Search / Project Details

Landau II Sign-up Bonus

📍 Kingston, NY



✔ We're here to help

Our Energy Advisors provide expert, unbiased energy advice at no cost to you. [Get in touch](#) >



Provider



Solstice

3.6 ★★☆☆☆ (9)

Sign-up Bonus

\$25 VISA gift card when you enroll

The Project

Project Size

5,496 kW

Remaining Spots

7

Your Savings

Est. Annual Savings ⓘ

\$135

Annual Carbon Offset

10 tons

Your estimated share and environmental impact are based on your monthly electric bill. [Edit your info](#)

Cancellation Info

Cancellation Fee

No cancellation fees

Cancel anytime! If you are moving or cancelling your utility account, we recommend cancelling 90 days before you'd like to be fully removed from the solar farm to avoid receiving credits past the point when you have moved.

Billing Info

Min. Credit Score ⓘ

None

Discount Offered ⓘ

Save 10%

Auto pay required ⓘ

No

Consolidated Bill ⓘ

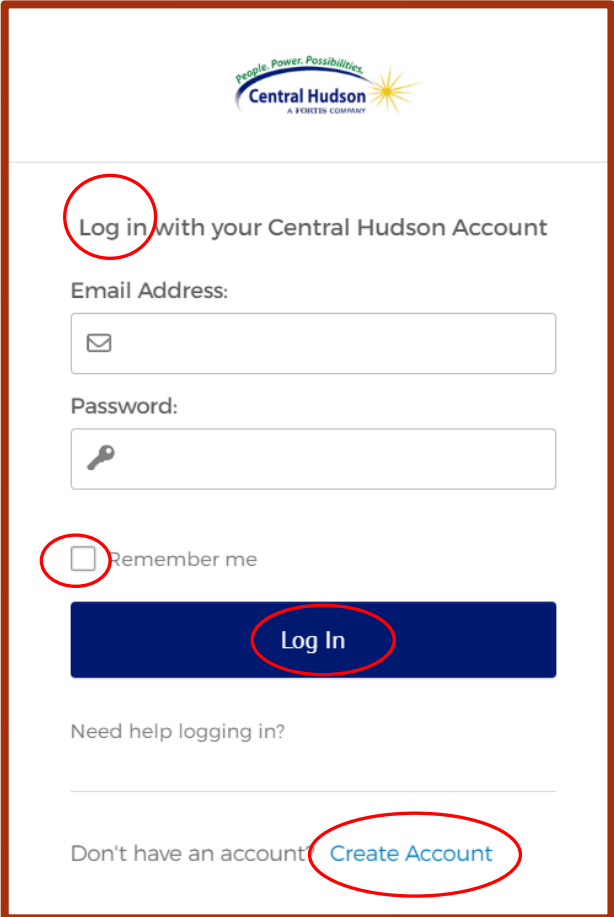
Yes

As your solar panels produce electricity each month, you see a credit on your utility bill. Then, you'd receive a separate bill from Solstice charging you for that electricity produced by your solar panels, but at a 10% discount.

Get Started

Get Started

- Create a CH account
 - Have a bill available – OR –
- Log into your account
- Follow on-screen instructions – 4 steps to complete



The screenshot shows the Central Hudson login interface. At the top right is the logo with the tagline "People. Power. Possibilities." and "Central Hudson A FORTIS COMPANY". Below the logo, the text "Log in with your Central Hudson Account" is circled in red. Underneath are two input fields: "Email Address:" with an envelope icon and "Password:" with a key icon. Below the password field is a "Remember me" checkbox, also circled in red. A large blue "Log In" button is circled in red. Below the button is the text "Need help logging in?". At the bottom, the text "Don't have an account" is followed by a blue "Create Account" link, which is circled in red.

People. Power. Possibilities.
Central Hudson
A FORTIS COMPANY

Log in with your Central Hudson Account

Email Address:

Password:

Remember me

Log In

Need help logging in?

Don't have an account [Create Account](#)

Sign-up by Phone?

- ▶ Customer can call EnergySage, contracted by Central Hudson, to provide info and comparisons for all current projects and providers
- ▶ Energy Sage at (888) 989-9490, a CDG provider or an Energy Coach can help customers sign up
 - <https://cleanenergymarket.cenhud.com/support>
 - <https://nyforcleanpower.org/cleanenergycoaching>
 - <https://midhudsonenergychoices.org/>
 - Contact providers directly: Soltice, Nexamp etc

Community Energy Advisors & and Coaching

<https://cleanenergymarket.cenhud.com/support>

Need some help?

Let's get in touch.



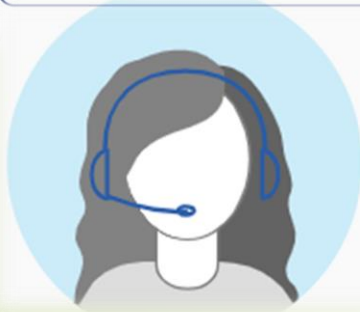
Schedule a call

Schedule a call with an energy advisor.



Send us an email

Send an email to an energy advisor.



Contact us directly at

(888) 989-9490

community@energysage.com

energysage



Find a time to meet with
EnergySage

< March 2024 >

SUN	MON	TUE	WED	THU	FRI	SAT
25	26	27	28	29	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23

Meeting duration

15 mins

What time works best?

Showing times for **March 4, 2024**

America/New_York

3:50 pm

3:55 pm

4:00 pm

4:05 pm

4:10 pm

Overwhelmed?

Sign Up for Energy Coaching

<https://nyforcleanpower.org/cleanenergycoaching>



Impartial advice on all things electric

- Solar - Heat Pumps
- Electric & Plug-in electric vehicles
- Tax Credits - Battery back-up
- Water heating - Electric & Plug-in electric vehicles
- Electric lawnmowers - Induction stoves.
- Heat pump dryers... Community solar... EV chargers ... Snow blowers....



Tom Konrad

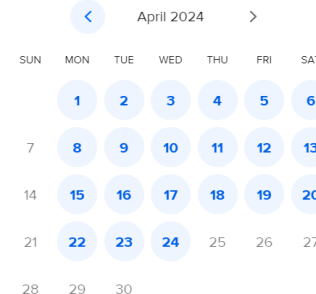
Tom Konrad

45 Minute Energy Coaching Session

🕒 45 min

I'll answer questions about green tech, or help you plan your next steps for transitioning your life off fossil fuels.

Select a Date & Time





Sign Up for Energy Coaching

<https://midhudsonenergychoices.org/>



Regional Clean Energy Hub

Partnering Organization

- Focus on low income and accessing grant funding.



Next Steps – Q&A

- ▶ Sign Up
- ▶ Get counted – Let us know
 - Email climatesmart@townofhurley.org
 - Go to www.climatesmarthurley.org , select Community Solar Page and fill out form
Need provider name and date signed up
- ▶ Need help?
 - Email climatesmart@townofhurley.org
 - Review this information on website www.climatesmarthurley.org
 - Contact an Energy Coach or Support at Energy Sage



Free Resources



**Regional Clean
Energy Hub**
Partnering Organization



MidHudsonEnergyChoices.org

- ▶ Help navigating and applying for low income energy programs
 - Empower New York
 - Solar For All
 - Subsidized financing etc...

UtilityProject.org

- ▶ Help with
 - Billing disputes
 - Utility shut-offs
 - Disputes with ESCos
 - Energy assistance programs (i.e. HEAP)



**PUBLIC UTILITY
LAW PROJECT**
OF NEW YORK, INC.

[NYforCleanPower.org/
cleanenergycoaching](https://www.nyforcleanpower.org/cleanenergycoaching)

- ▶ Sign up for a free coaching session or an EV expert
- ▶ Help with making a plan to save money while getting off fossil fuels
- ▶ Info about EVs, heat pumps, geothermal, solar, insulation, electric lawnmowers, snow blowers, induction stoves, tax rebates, etc...



**Hurley's Climate Smart Task Force thanks
the Hurley Town Board, and Hurleyites for their
interest and participation**

**Next Session is *April 25*
Electric Vehicles**

**Kristen Schara, Coordinator
Lynne Bailey, Communications Manager
Erin Nylan, Peter McKnight & Stephen Ballentine**

www.climatesmarthurley.org



**Hurley
Climate Smart
Task Force**



End of Part II

Electrification Series :Community Solar