

# VDER Compensation

**Tom Su, District Director DER**

**Central Hudson Estimating and Customer Support**

# Phase 1 Net Energy Metering

- Residential customers
  - 25 kW limit
  - CBC
  - No annual reconciliation
- Residential farm
  - 100 kW limit
- Demand customers
  - System under 750 kW
  - Estimated generation less than 110% of annual usage

# Value Stack

- Residential customers with systems over 25 kW
- Demand customers with systems over 750 kW
- Demand customers with systems under 750 kW with estimated generation over 110% of annual usage.
- Remote Crediting
- CDG



# Customer Benefit Charge (CBC)

- Monthly fixed charge to fund energy efficiency programs, solar programs, and low-income discount programs.
- Established to maintain net metering.
- Effective for customers with systems interconnected after December 31, 2021.
- Calculated based on DC system size in kilowatts.
- Applies to on-site residential and non-demand commercial customers
- Recalculated each year.
  
- SC1 Residential Solar - \$1.23/kW
- SC1 Residential Solar Value Stack - \$0.61/kW

# Remote Crediting

- Replaces Value Stack Remote Net Metering
- Existing Value Stack Remote Net Metering projects converted to Remote Crediting
- Case 19-E-0735

# Remote Crediting

- Compensation – Value Stack without MTC
- May have up to 10 individual customers
  - Each customer may have any number of satellites
- Credits are allocated based on provided percentage of generation
  - Credits no longer cascade
- Host can allocate credits to itself
- Excess credit on satellite account is carried over for each satellite
- Satellites cannot participate in CDG or Net Metered RNM

# Remote Crediting

- Each project must submit an Allocation Form
  - Generation will accumulate in the Host bank until a form is submitted and processed
- Remaining credits on a RNM account will become the Remote Crediting starting bank of credits



# Remote Crediting

- Satellites with multiple hosts
  - Onsite generation applied first
  - Credited on a pro rata basis

Customer Electric Charges	\$300.00						
Source	Current Month Credit	Carryover from Prior Month	Allocation from Host Bank	Total Available Credit			
Onsite generation	\$50.00	\$10.00	\$0.00	\$60.00			
Remaining Charges	\$240.00						
Source	Current Month Credit	Carryover from Prior Month	Allocation from Host Bank	Total Available Credit	Pro-rata %	Credit Applied	Carryover to Next Month
Host 1	\$100.00	\$25.00	\$0.00	\$125.00	32.5%	\$77.92	\$47.08
Host 2	\$200.00	\$50.00	\$10.00	\$260.00	67.5%	\$162.08	\$97.92
Total from all Hosts				\$385.00		\$240.00	
Remaining Charges	\$0.00						



# Net Crediting

- Net crediting model
- Minimum 5% CDG savings rate
- Discount rate of 1%
- Subscribers receive only savings
- Utility makes payment to CDG sponsor
- 1 Anchor customer

# Net Crediting

Example:

Monthly generation credit - \$10,000  
10% CDG Savings rate  
10 Subscribers

Traditional Model	Net Crediting - CDG
CH Bill – credit of \$1000	CH Bill – credit of \$100
CDG Bill to customer - \$900	CH receives 1% of \$10,000
	CH sends payment to developer for \$8,900.

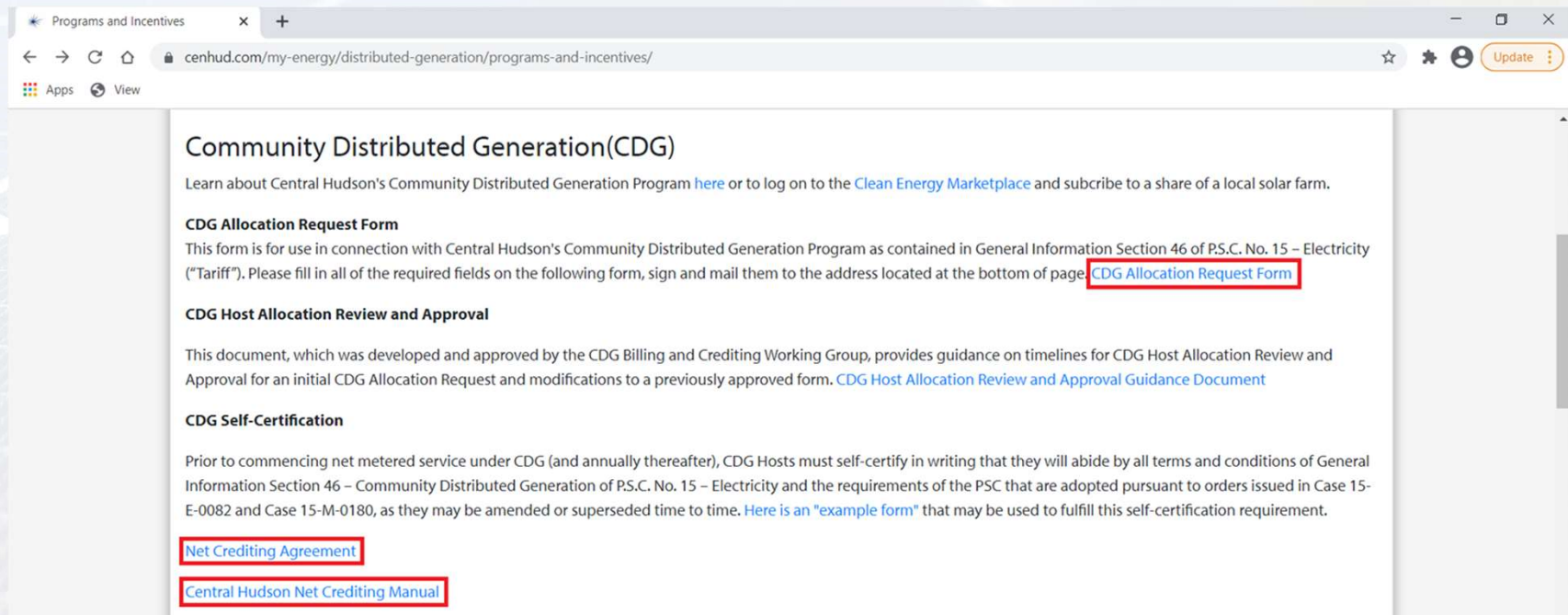
# Net Crediting

## Benefits

- Reduce the need for two bills
- Reduce soft costs associated with CDG
- Eliminates need for customers to submit banking or payment information to third parties
- Eliminates CDG risk of non payment
- Guaranteed savings

# Net Crediting

<https://www.cenhud.com/my-energy/distributed-generation/programs-and-incentives/>



The screenshot shows a web browser window with the URL <https://www.cenhud.com/my-energy/distributed-generation/programs-and-incentives/>. The page title is "Community Distributed Generation(CDG)". The main content includes:

- Community Distributed Generation(CDG)**  
Learn about Central Hudson's Community Distributed Generation Program [here](#) or to log on to the [Clean Energy Marketplace](#) and subscribe to a share of a local solar farm.
- CDG Allocation Request Form**  
This form is for use in connection with Central Hudson's Community Distributed Generation Program as contained in General Information Section 46 of P.S.C. No. 15 – Electricity ("Tariff"). Please fill in all of the required fields on the following form, sign and mail them to the address located at the bottom of page [CDG Allocation Request Form](#)
- CDG Host Allocation Review and Approval**  
This document, which was developed and approved by the CDG Billing and Crediting Working Group, provides guidance on timelines for CDG Host Allocation Review and Approval for an initial CDG Allocation Request and modifications to a previously approved form. [CDG Host Allocation Review and Approval Guidance Document](#)
- CDG Self-Certification**  
Prior to commencing net metered service under CDG (and annually thereafter), CDG Hosts must self-certify in writing that they will abide by all terms and conditions of General Information Section 46 – Community Distributed Generation of P.S.C. No. 15 – Electricity and the requirements of the PSC that are adopted pursuant to orders issued in Case 15-E-0082 and Case 15-M-0180, as they may be amended or superseded time to time. [Here is an "example form"](#) that may be used to fulfill this self-certification requirement.

At the bottom of the page, there are two links highlighted with red boxes:

- [Net Crediting Agreement](#)
- [Central Hudson Net Crediting Manual](#)



# Net Crediting

SECTION I - Host Information			
<b>CDG Host Account:</b>	XXXX-XXXX-XX	<b>Account Name:</b>	Customer Host
<b>Service Address:</b>	Name Company Address City, State ZIP Code	<b>Mailing Address:</b>	Name Company Address City, State ZIP Code
<b>Customer Contact:</b>	First Name Last Name	<b>Phone:</b>	999-999-9999
<b>e-mail address</b>	<a href="mailto:emailaddress@unknown.com">emailaddress@unknown.com</a>	<b>Project Number:</b>	
Net Crediting			
<b>Enroll:</b>		<b>Unenroll:</b>	
<b>Savings Rate:</b>	5%	<b>Excluded Anchor Customer Account:</b>	XXXX-XXXX-XX
SECTION II - Member Allocation Information			
Check One	<b>Initial Allocation Request:</b> must be submitted at least 60 days prior to the CDG Host Account commencing service under the CDG Program.		
	<b>Subsequent Allocation Request:</b> must be submitted no less than 30 days before the CDG Host Account's cycle billing date to which the modifications apply.		
	<b>Annual Request for Allocation of Excess Credits:</b> must be submitted no less than 30 days before the 12-month anniversary of commencing CDG net metered service and is effective for a one-time allocation only. The most recent <b>Initial Allocation Request</b> or <b>Subsequent Allocation Request</b> , as applicable, will continue to apply to all on-going allocations.		

# Net Crediting

Electricity Used (kWh)		424
Cost for Electricity Used (for 1.0 months)		
ENERGY DELIVERY CHARGES:		
Basic Service Charge	1.0 Mos @	20.00
Delivery Svc Chg	424 kWh @	0.08349
MFC Admin Chg	424 kWh @	0.00183
Transition Adj	424 kWh @	0.00018
Bill Credit	424 kWh @	-0.00307
SBC/RPS Chgs	424 kWh @	0.00601
Misc. Charges	424 kWh @	0.00347
RDM Chg	424 kWh @	-0.00294
<b>Total Delivery Chrgs</b>		<b>57.73</b>
ENERGY SUPPLY CHARGES:		
(You may choose another supplier for this part of your service)		
MFC Supply Chg	424 kWh @	0.00330
Market Price	424 kWh @	0.05694
Market Price Adj	424 kWh @	0.00216
<b>Total Supply Chrgs</b>		<b>26.46</b>
NYS & Local Taxes		1.42
TOTAL ELECTRICITY COST		\$85.61
For this billing period, the average cost of energy we purchased for you was \$0.06240 per kWh (excluding taxes). You can use this number to compare our price to other suppliers' prices.		
<b>Payments and Adjustments</b>		
COMMUNITY DISTRIB GENERATION CREDIT	AUG 2	\$-52.36
PAYMENT RECEIVED BY US MAIL	AUG 5	\$-15.16

**Central Hudson**  
A FORTIS COMPANY

**Billing Detail**

Meter # \_\_\_\_\_ RATE E100 NON HEATING

Electric Service Charges 424 kWh at a cost of \$85.61  
Average Daily Cost for Electric \$2.6537

Amount of Electricity Used  
Aug 23, 2019 Present Reading (actual) 70172  
Jul 24, 2019 Previous Reading (estimated) 69748

**Electricity Used (kWh)** 424

Cost for Electricity Used (for 1.0 months)

ENERGY DELIVERY CHARGES:

Basic Service Charge	1.0 Mos @	20.00	20.00
Delivery Svc Chg	424 kWh @	0.08349	35.40
MFC Admin Chg	424 kWh @	0.00183	0.78
Transition Adj	424 kWh @	0.00018	0.08
Bill Credit	424 kWh @	-0.00307	-1.30
SBC/RPS Chgs	424 kWh @	0.00601	2.55
Misc. Charges	424 kWh @	0.00347	1.47
RDM Chg	424 kWh @	-0.00294	-1.25
<b>Total Delivery Chrgs</b>			<b>57.73</b>

ENERGY SUPPLY CHARGES:  
(You may choose another supplier for this part of your service)

MFC Supply Chg	424 kWh @	0.00330	1.40
Market Price	424 kWh @	0.05694	24.14
Market Price Adj	424 kWh @	0.00216	0.92
<b>Total Supply Chrgs</b>			<b>26.46</b>
NYS & Local Taxes			1.42

**TOTAL ELECTRICITY COST** \$85.61

For this billing period, the average cost of energy we purchased for you was \$0.06240 per kWh (excluding taxes). You can use this number to compare our price to other suppliers' prices.

**Payments and Adjustments**

COMMUNITY DISTRIB GENERATION CREDIT	AUG 2	\$-52.36
PAYMENT RECEIVED BY US MAIL	AUG 5	\$-15.16

Account Number: \_\_\_\_\_ Page 3 of 3

**Message Center**

**What's New ...**  
\*\*Scan Alert\*\* Our customers are reporting heightened scam activity with calls threatening to disconnect services if payment using a prepaid card is not made immediately. Central Hudson would never request a payment in this way. Go to [CentralHudson.com/visamcentral](http://CentralHudson.com/visamcentral) for more information.

**Did you know?**  
We have enhanced our payment options. You can now pay your Central Hudson bill with a credit/debit card or use a payment center without incurring a transaction fee. Bill customers can set up automatic recurring card payments. Visit [www.centralhudson.com/billpay](http://www.centralhudson.com/billpay).

**Sign up for Text Messaging**

Text REG to 236483 to register

Report an outage, receive restoration status updates, check your balance and pay your bill from anywhere.

If your cell phone number is not linked to your account, you will need your Central Hudson account number to register online.

[www.CentralHudson.com/Alerts](http://www.CentralHudson.com/Alerts)

# CDG Subscription Site

**Tom Su, District Director DER**

**Central Hudson Estimating and Customer Support**



# CDG Subscription Site

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

The screenshot displays the EnergySage Community Solar website interface. At the top, the browser address bar shows the URL [cdgm.energysage.com/projects?utility\\_slug=central-hudson&zip\\_code=12603](https://cdgm.energysage.com/projects?utility_slug=central-hudson&zip_code=12603). The page header includes navigation links for Search Projects, FAQ, Support, and Rewards, along with the EnergySage logo. The main section is titled "Search Projects" and features a search bar with the zip code "12603" and a dropdown menu for "UTILITY: Central Hudson...". Below the search bar, there are six project cards arranged in a 2x3 grid. Each card includes a status indicator (e.g., "Highest Rated", "Almost Full", "Filling Up Fast", "Subscribing", "Sold Out"), a project name, location, estimated annual savings, and a "GET STARTED" button. The projects shown are Bogart Solar (Catskill, NY), Reisender Solar (Ellenville, NY), Myer Solar Farms (Wappingers Falls, NY), and two others. The website also features a navigation menu with links to View Bills, SAP, PowerClerk, Fortis Plan, EmpireBlue, System Dashboard, Claim Form, and Home page.



# CDG Subscription Site

The screenshot shows a web browser window displaying the EnergySage website for the Bogart Solar project. The browser's address bar shows the URL [cdgm.energysage.com/projects/ampion-bogart](https://cdgm.energysage.com/projects/ampion-bogart). The website header includes navigation links for Search Projects, FAQ, Support, and Rewards, along with the EnergySage logo.

## Community Solar

### Bogart Solar

**Ampion Energy**  
★★★★☆  
4 Reviews

**GET STARTED**  
What happens when I click Get Started?

#### The Project

**99%** There are 21 kW left


System Size:	3,000 kW
Remaining Spots:	3
Time to Launch:	Launched

#### Your Estimated Share

Estimated Savings:	\$135
Number of Panels:	16
Carbon Offset:	6 tons


#### Cancellation Info

Days Notice:	180
Cancellation Fee:	



#### Project Story

Community shared solar program open to residents in Central Hudson Gas & Electric (CHGE) territory. Capable of generating enough power for more than 300 homes annually, Bogart Solar is the first community solar project in the town of Catskill and features 2.5 acres of pollinator-friendly habitat. Bo ... Show More



Catskill, NY

#### Annual Project Impact

How is this calculated?

