

Community Power

COMMUNITY POWER COALITION OF NEW HAMPSHIRE

www.CPCNH.org | CommunityPowerNH.gov



**COMMUNITY
POWER COALITION
OF NEW HAMPSHIRE**



Agenda

- 1 | **Mission & Values**
- 2 | **What is Community Power**
- 3 | **Implementation Process Steps**
- 4 | **Electricity Choices**
- 5 | **CPCNH Governance, Staff, & Service Providers**
- 6 | **Challenges**

Mission & Values (& website)



**COMMUNITY
POWER COALITION
OF NEW HAMPSHIRE**
For communities, by communities.

Mission: Foster resilient New Hampshire communities by empowering them to realize their energy goals.

Values

- ⚡ Embody an **inspiring vision** for **New Hampshire's energy future**
- ⚡ Support communities to **reduce energy costs** and pursue economic vitality by harnessing the power of **competitive markets** and **innovation**
- ⚡ Support communities to implement successful energy and climate policies and to **promote the transition to a carbon neutral energy system**
- ⚡ **Balance the interests of member communities** who are diverse in demographics, geography and their energy goals
- ⚡ Use our shared expertise, leadership and skills to **educate, empower and build the capacities** of our members
- ⚡ Help communities **demystify the power sector** to **make informed decisions**
- ⚡ Facilitate **collaboration and teamwork** by **championing diversity, equity and inclusion** of people and communities of all kinds

Key Website Pages

Public Meetings & Minutes:
www.cpcnh.org/calendar

Key Documents:
www.cpcnh.org/about

FAQs:
www.CommunityPowerNH.gov/faqs

Digital Spaces:
CPCNH transitioning from Google Drive to Microsoft 365. More soon!

Members

⚡ 2 County & 51 Municipal Members | ~30% of NH population

- Currently serving 16 communities | ~80,000 customers
- 20+ launching in 2024 | >100,000 customers

**Canterbury | Dover | Enfield | Exeter | Hanover
Harrisville | Lebanon | Nashua | Peterborough**

Plainfield | Portsmouth | Rye | Walpole

Cheshire County (Dublin, Fitzwilliam, Nelson)

Durham | Hudson | New London | Newmarket

Pembroke | Stratham | Warner | Webster | Westmoreland

Cheshire County (Chesterfield, Roxbury, Winchester, Gilsum)

Atkinson | Barrington | Bethlehem | Boscawen | Campton

Franconia | Gilford | Hampton Falls | Hopkinton | Lancaster | Loudon

Lyme | Newport | Tamworth | Somersworth | Wilmot

Berlin | Bradford | Charlestown | Dalton | Grantham

Kensington | Merrimack County | Northfield | Randolph

Shelburne | Springfield | Sugar Hill | Temple

OPERATING SINCE

Spring 2023 ■

Fall 2023 ■

TARGET LAUNCH

March 2024 ■

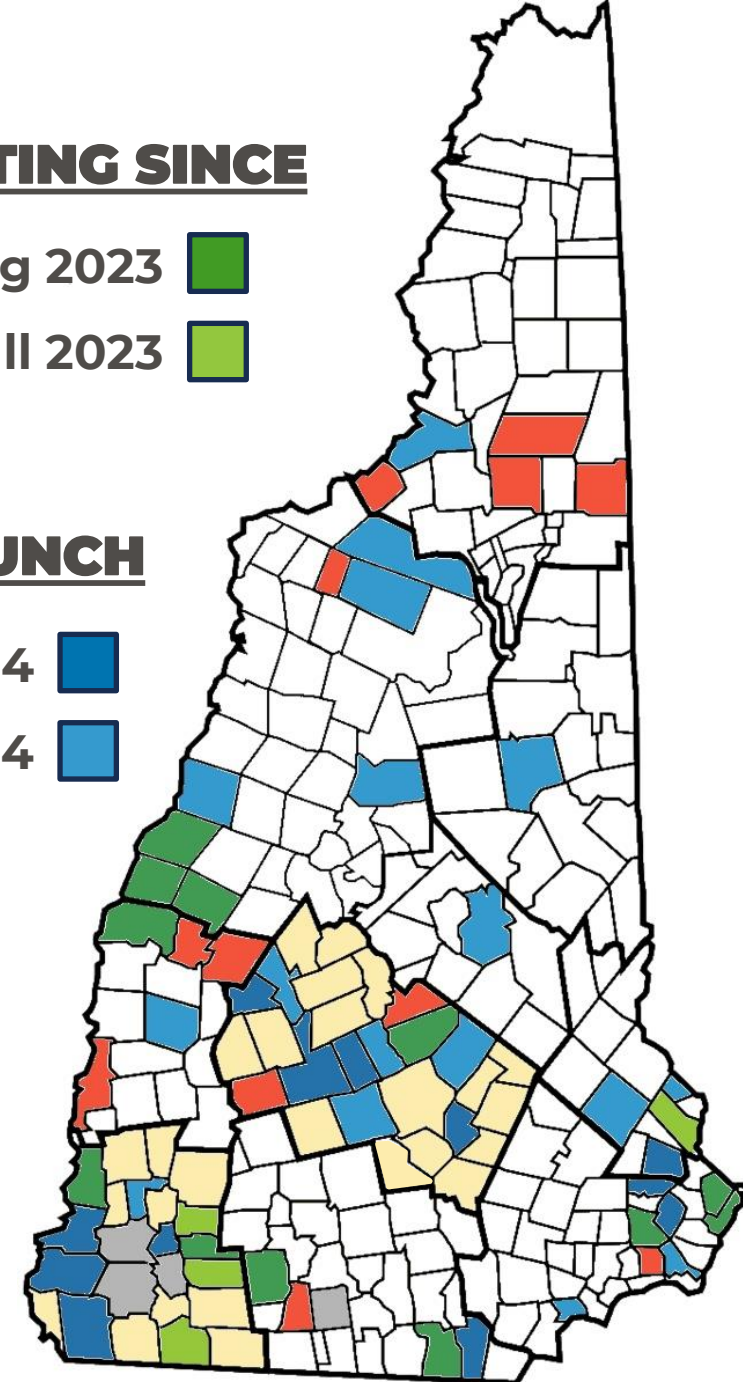
~June 2024 ■

ON DECK

Planning ■

County-ready ■

Broker ■



What is Community Power?

New Hampshire cities, towns, and counties can become **default electricity provider** for their residents + businesses and provide related services.



Pooled Purchasing Power
for **Energy Supply**

Economies of Scale

Utility Company
Delivers Power

Grid Reliability

Communities Benefit from
**Value Added Services &
Programs**

*Lower Rates &
Product Choices*

RSA 53-E, Relative to Aggregation of Electric Customers by Municipalities & Counties

Customers may switch back to utility default supply or take service from a Competitive Supplier

Community Power programs must be paid for out of revenues received from participating customers

Electric Bill: Supply & Delivery

Total Charges for Electricity

Your electric supplier is

PETERBOROUGH COMMUNITY POWER
PO BOX 840
CONCORD NH 03302-0840
INFO@COMMUNITYPOWERNH.GOV
866-603-7697

706.00kWh X \$0.109 \$76.95

Payment will be sent to bank
for processing on 09/24/21

\$145.64

Amount Due On 08/29/21	\$26.47
Last Payment Received On 08/25/21	-\$26.47
Balance Forward	\$0.00
Total Current Charges	\$145.64

Current Charges for Electricity

Supply

\$62.31

Cost of electricity from
Eversource

Delivery

\$83.33

Cost to deliver electricity
from Eversource



Your electric supplier is

Eversource
PO Box 330
Manchester, NH 03105-0330

Delivery

(RATE R RESIDENTIAL SVC)

Service Reference: [REDACTED]

Customer Chrg		\$13.81
kWh Distribution Chrg	706.00kWh X \$0.05177	\$36.55
Regulatory Reconciliation Adj	706.00kWh X \$-0.00016	-\$0.11
Transmission Chrg	706.00kWh X \$0.03046	\$21.50
Strnded Cst Recovery Chrg	706.00kWh X \$0.00896	\$6.33
System Benefits Chrg	706.00kWh X \$0.00743	\$5.25
Subtotal Delivery Services		\$83.33

Total Cost of Electricity \$160.28

Total Current Charges \$160.28

Coalition Community Power Benefits

Lower Rates | **Local Control** | **Consumer Choice** | **Clean Energy**

Lower Rates

- ⚡ CPCNH is a nonprofit power supplier, actively managing a diverse portfolio of wholesale energy supply contracts.
- ⚡ By participating freely in competitive power markets, we have an advantage over brokers and utilities who lock in a single hedge for a fixed period.

Consumer Choice

- ⚡ Community Power is voluntary.
- ⚡ Customers may opt-in/out/up at any time without charge.
- ⚡ Community Power provides a menu of clean energy options, often more affordably than utility supply rates.

Local Control

- ⚡ CPCNH was created by NH cities, towns, and counties. Our meetings, records, and finances are open to the public.
- ⚡ Our purpose is public good. Our Board is composed of community representatives.
- ⚡ Net revenues from power sales accrue in reserve funds for community benefit.
- ⚡ **Public Advocacy** in the Regulatory and Legislative process promoting Community energy needs

Clean Energy

- ⚡ CPCNH enables cities and towns to develop local clean energy and battery storage projects to create local economic benefit.
- ⚡ We empower Members to speak with one voice at the State House and PUC to lead public advocacy reforms that enable clean energy market innovation.

Implementation Process Steps

Join the Coalition □ Bring a Plan to Town Meeting □ Launch!

- **1. Join Coalition “Joint Powers Agency” — Governed by Members**
 - Membership by Select Board vote to adopt Joint Powers Agreement (JPA)
- **2. Establish an “Electric Aggregation Committee” (EAC) to;**
 - Prepare an “Electric Aggregation Plan” (EAP);
 - Hold two public hearings on that EAP in advance of;
 - Bringing the EAP to Town Meeting for voter adoption;
- **3. Launch Community Power!**
 - Town Meeting adoption of an EAP authorizes (but does not require) the Select Board to contract for services to finance, launch, and operate Community Power.

Electricity Supply Rates for Residential, General Service, and Outdoor Lighting Customers

Rates
Effective
Feb. 1 – July
31, 2024

<u>Power Options</u>		<u>Renewable Content</u>	<u>Rate (¢/kWh)</u>	<u>Estimated Cost per Month*</u>
Utility Default Energy Service	Unitil[†]	24.3%	10.718 ¢	~ \$70
	NH Electric Co-op[†]		10.161 ¢	~ \$66
	Liberty Utilities[†]		9.758 ¢	~ \$63
	Eversource[†]		8.285 ¢	~ \$54
Community Power Coalition of New Hampshire	Clean 100	100%	12.4 ¢	~ \$81
	Clean 50	50%	9.4 ¢	~ \$61
	Granite Plus	33%	8.4 ¢	~ \$55
	Granite Basic[‡]	24.3%	8.1 ¢	~ \$53

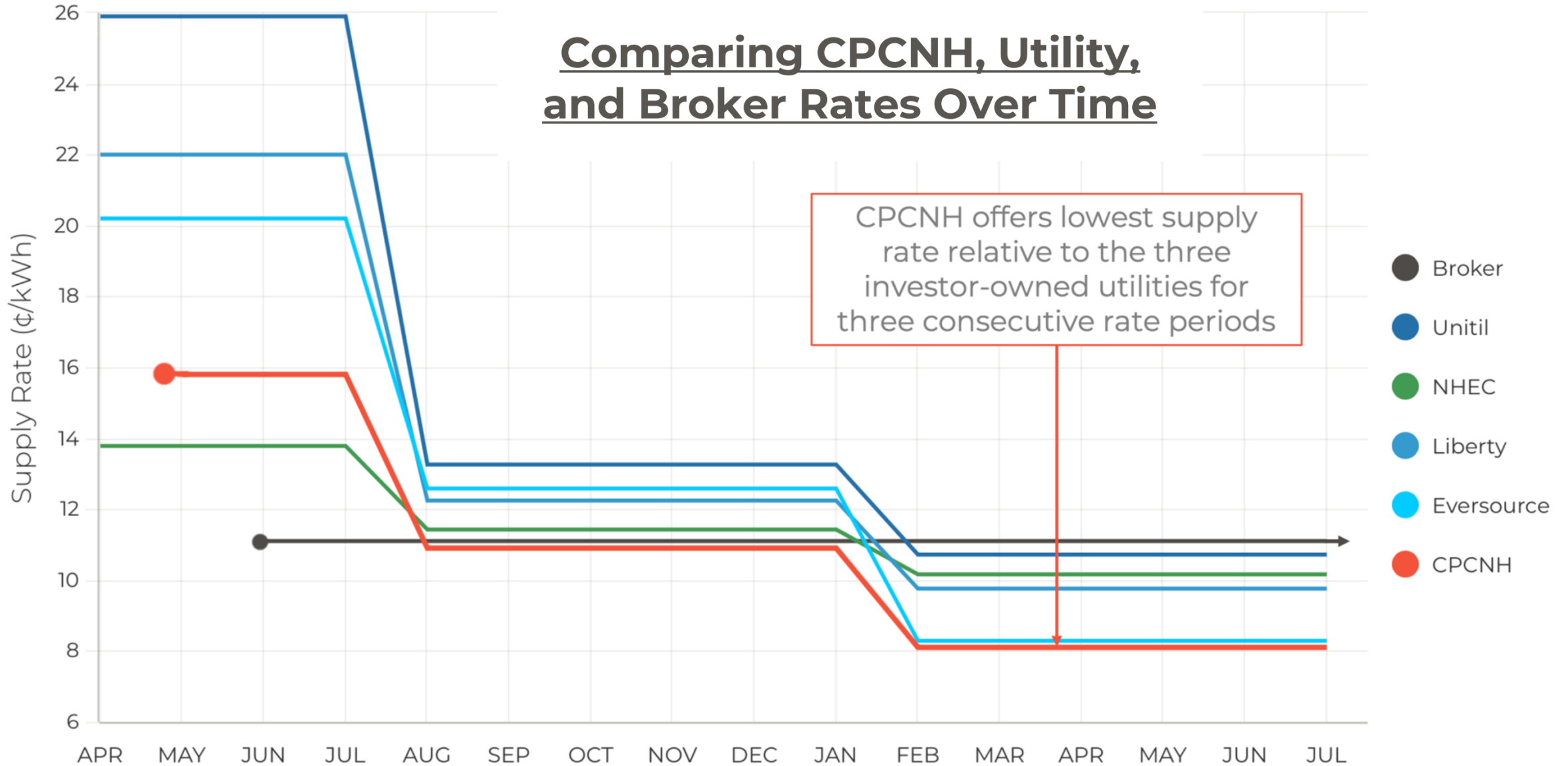
* Estimated cost per month based on average residential usage of 650 kilowatt-hours (kWh) per month.

† CPCNH's Granite Basic is a savings of **24% off Unitil's** residential/small commercial rate, **20% off NH Electric Co-op's**, **17% off Liberty's**, and **2% off Eversource's**. The small discount compared to Eversource's rate is because Eversource Default Energy Service customers benefit from a 1.5 ¢ per kWh credit due to an over collection of rates last year (a prior year reconciliation). The Coalition is able to beat this artificially low rate for all NH residential & small commercial ratepayers while covering all of our costs and accumulating financial reserves on behalf of our operating Member CPAs.

‡ Community Power Aggregations (CPAs) may offer either Granite Basic or Granite Plus as their default power option. Check your community's page at www.CommunityPowerNH.gov for details specific to your program.

Rate Comparison

Comparing CPCNH, Utility, and Broker Rates Over Time



CPCNH began service in late April 2023.

2023 - 2024

The broker example is fixed through December 2025.

Board of Directors

Community Governance



Local elected officials, former utility executives, energy finance & development professionals, municipal managers, teachers, & much more.

Board Committees

- ~ Audit
- ~ Executive
- ~ Finance
- ~ Governance
- ~ Member Outreach & Engagement
- ~ Regulatory & Legislative Affairs
- ~ Risk Management

CPCNH committees are made up of representatives from CPCNH member towns, cities and counties.

Staff & Service Providers

Expert Operations



CEO
Brian Callnan



Director of Member Services
Henry Herndon



**Director of Regulatory
& Legislative Affairs**
Deana Dennis



**Director of
Administration**
Bobbi-Jo Michael

Energy
Portfolio Mgmt



Retail Customer
Services



Community
Engagement



CLEAN ENERGY NH
Your Voice in All Energy Matters

Legal



Revenue Controls &
Accounting



River City Bank



R.C. BRAYSHAW & COMPANY, LLC

Public Advocacy

- ⚡ Empowering Member cities and towns to speak with one voice at the Legislature and Public Utilities Commission
- ⚡ Coalition Membership approves our Regulatory & Legislative Affairs Charter and “policy principles”
 - Increasing innovation through local control, equity & community development
 - Advancing community benefits through open access to the electric system
 - Enforcement of laws, market rules, and regulations



Operational Challenges & Opportunities

- ⚡ **Utility operational barriers exist that prevent CPCNH's programs from fully serving all customers, despite regulatory rules and NH Law**
 - This has led to some unfortunate situations where utilities did not flag NEM customers for us, and as a result, were inadvertently enrolled into CPA service and customers lost their credits.
 - CPCNH has filed complaints against Eversource with PUC and DOE in addition to working to find settlement with the utilities on an individual customer basis.
- ⚡ **Because utilities are unable to share the required NEM export data, CPCNH is not able to serve *most* NEM customers**
 - We can serve most NEM 1.0 customers without harm!
- ⚡ **We are further held back due to the inability of utilities to treat exports to the grid by our customers as “load reducers” as required by law (RSA 362-A:9, II) and Puc 2205.15**
 - We are working with utilities and regulators to achieve resolution.
- ⚡ **Unlocking the value stack as referenced in the DOE VDER study and explained in our Docket 22-060 is essential for innovative rates and competition**
 - The LEEPA pilots envisioned in RSA 362-A:2-b explain how retail customers can directly receive the benefit from transmission cost reduction, unlocking rate innovation like Transactive Energy.



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Thank You!

Brian Callnan, CEO

Brian.Callnan@communitypowernh.gov