



**CITY OF PORTSMOUTH NH  
AGENDA & ZOOM REGISTRATION**

**Portsmouth Energy Advisory Committee Meeting**

**Wednesday, January 25, 2023 at 5 pm  
City Hall Conference Room A  
and via Zoom**

Members of the public may attend in person or via Zoom. To attend via Zoom, you must register in advance. Please click on the link below or copy and paste this into your web browser:

[https://us06web.zoom.us/meeting/register/tZEud-Gorj8uHt3-Zo8Ng56\\_buxjYsviSHMv](https://us06web.zoom.us/meeting/register/tZEud-Gorj8uHt3-Zo8Ng56_buxjYsviSHMv)

After registering, you will receive a confirmation email containing the Zoom link and additional information for joining the meeting.

**AGENDA**

1. Roll call
2. Review of last week's discussion and timeline
3. Motion to adopt timeline for completion of EAP  
*Sample motion: Move that the Energy Advisory Committee complete the draft Energy Aggregation Plan in February on a timeline that allows the City Council to authorize a June launch of Community Power.*
4. EAP update
5. Feb 2 Public Hearing (Powerpoint to be presented by Henry Herndon attached).
5. Public Comment

# Portsmouth Community Power

## *Electric Aggregation Plan Overview*

*February 2, 2023*



**Presented by:** Portsmouth Energy Advisory Committee

Portsmouth Community Power will allow the City to provide energy supply and related services on behalf of Portsmouth's residents and businesses.

Community Power programs create an economy of scale that can result in more affordable electricity and expanded options for renewables and innovative energy technologies.



# Agenda

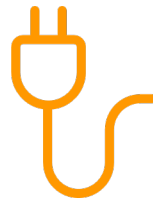
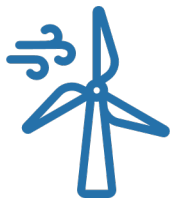
1. What is Community Power?
2. Electric Aggregation Plan
3. Community Power Coalition of New Hampshire
4. Timeline for Portsmouth Community Power
5. Questions & Discussion

# What is Community Power?

- ~ Community Power programs pool, or aggregate, the demand of customers in a community and purchase electric power on behalf of that community with the goal of **lowering costs** and expanding **access to renewable energy** and other innovations.
- ~ Community Power programs are enabled by New Hampshire's updated Community Power law [RSA 53-E, Relative to Aggregation of Electric Customers by Municipalities & Counties](#).
- ~ The Legislature's intent in enacting RSA 53-E was to "***encourage voluntary, cost effective and innovative solutions to local needs with careful consideration of local conditions and opportunities***".

# What is Community Power?

New Hampshire cities, towns, and counties can procure **electric power supply** on behalf of their residents and businesses and provide related services.



## Pooled Purchasing Power for **Energy Supply**

- ~ Access to competitive markets
- ~ Lower costs & price stability
- ~ Option to source power locally & access more renewables

## Utilities continue to **Deliver** Power

- ~ Owns & maintains the power grid
- ~ Delivers generation to load
- ~ Ensures reliable electric service

## Community Benefits from **Value Added Services**

- ~ Affordable rates
- ~ Access to green power options
- ~ Time-of-Use rate options
- ~ Solar, storage, electric vehicle support

# Benefits of Community Power



## Local Control

Democratizing energy procurement to the community level



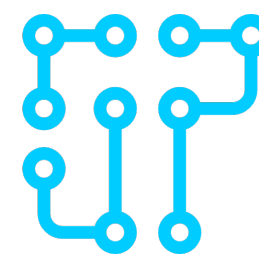
## Lower Costs

MA, NY, CA and other markets have demonstrated lower rates than regulated utilities



## Renewables

Build & Buy Clean Energy  
Support more local renewables



## Resilience & Innovation

New Technologies  
Market Competition  
Price Signals  
Customer Empowerment

*“Portsmouth Community Power will only launch if it is able to initially offer residential default rates that are lower than or competitive with those offered by Eversource.”*

# Electric Bill: Supply & Delivery

*Page 1*

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

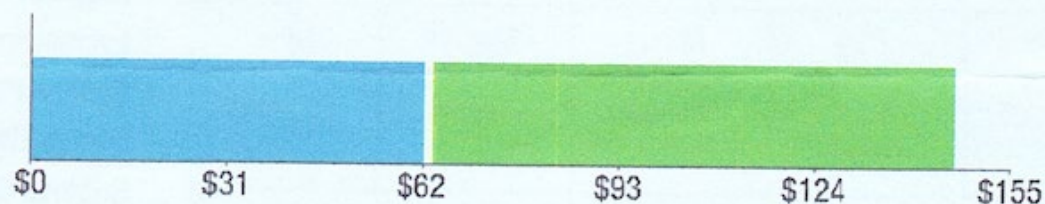
**\$62.31**

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



# Electric Bill: Supply & Delivery

*Page 2*

## Total Charges for Electricity

|                               |            |   |         |
|-------------------------------|------------|---|---------|
| <b>Supplier</b><br>Eversource | →          | <b>Supplier</b><br>[NAME] Community Power |         |
| Service Reference:            | [REDACTED] |   |         |
| Energy Chrg - Rate R          |            | 706.00kWh X \$0.08826                     | \$62.31 |
| Subtotal Supplier Services    |            |   | \$62.31 |

### 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 |

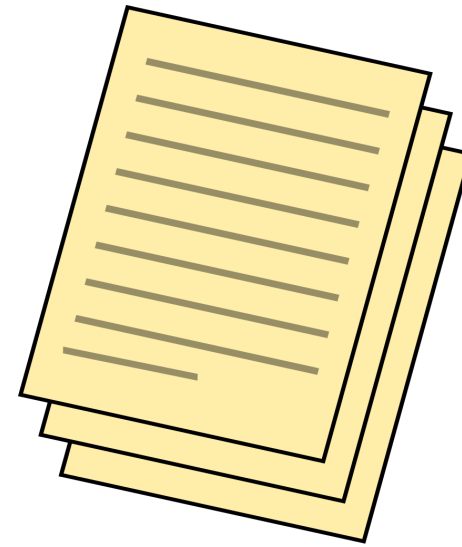
**Total Cost of Electricity** **\$145.64**

**Total Current Charges** **\$145.64**



# Key Points

- ~ **Eversource will continue to deliver electricity** to customers, and to own and operate the local distribution system (poles, wires, transformers, sub-stations, etc.). They will also continue to provide customer service and billing.
- ~ The Portsmouth City Council, with advisory support from the Portsmouth Energy Advisory Committee, will be **authorized to contract for the necessary professional services and power supplies to launch Portsmouth Community Power.**
- ~ **Participation in Community Power is completely voluntary.** After electricity rates are established, all customers not already on competitive supply will be notified and automatically enrolled. Customers can choose to opt-out and stay with Eversource for electricity supply. Customers on competitive supply may choose to opt-in to Portsmouth Community Power or stay with their current supplier.



## 2. The Electric Aggregation Plan

# What is the Electric Aggregation Plan?

- ~ The Portsmouth City Council designated the Portsmouth Energy Advisory Committee as the Electric Aggregation Committee pursuant to RSA 53-E.
- ~ The City Council tasked the Committee with preparing an Electric Aggregation Plan. This is a detailed plan that explains how our Community Power program will operate. It is available for your review on our webpage:  
<https://www.cityofportsmouth.com/city/peac-informational-materials>
- ~ The Portsmouth Energy Advisory Committee (also pursuant to RSA 53-E) is holding two Public Hearings -- on February 2 and February 9 -- to educate the community about the plan and get community input.

# Purpose of the Electric Aggregation Plan

- ~ Defines program goals and objectives
- ~ Defines governance (E.g., process for approving rates)
- ~ Summarizes the implementation process
- ~ Commits Portsmouth Community Power to comply with applicable statutes and regulations in terms of:

*(a) Providing universal access, reliability, and equitable treatment of all classes of customers;*

*(b) Meeting, at a minimum, the basic environmental and service standards established by the Public Utilities Commission and other applicable agencies and laws and rules.*

## The Plan does:

Address issues required to be considered by RSA 53-E including:

- (a) How net metering will be provided; and
- (b) How customers enrolled in the Electric Assistance Program will receive their discount.

## The Plan does not:

- Commit the City to any defined course of action; or
- Impose any financial commitment or liability on the City of Portsmouth or its taxpayers.



# Electric Aggregation Plan Overview

## Chapters:

1. Introduction to Community Power
2. Overview of Portsmouth Community Power
3. Community Power Coalition of New Hampshire
4. Portsmouth Community Power's Goals, Objectives & Requirements
5. Statutory Requirements for Portsmouth's Plan

## Attachments:

1. Net Energy Metering, Group Net Metering & Low-Moderate Income Solar Project
2. Portsmouth's Public Planning Process
3. City Policy Excerpts
4. How Load-Serving Entity Services will be Implemented
5. Customer Data Protection Plan
6. Abbreviations



# Portsmouth Community Power will

1. **Serve as the default electricity supplier** on an “opt-out” basis
2. **Offer innovative service and rate options to customers on an "opt-in" basis** such as more renewable energy and time-varying rates
3. **Operate on a competitive basis** – Customers will be able to switch back to Eversource energy service or other supplier *with no penalty*.
4. **Be self-funded** by rates paid by participating customers – **The City will not use taxes to cover program expenses.**

**The City Council, with advisory support from the Portsmouth Energy Advisory Committee, will contract for the necessary services and power supplies to implement and operate the program, set customer rates prior to program launch, and continue to provide oversight thereafter.**



# Customer Notification and Enrollment Process

- ~ At least **30 days before program launch** all Portsmouth electric customers will be mailed **notifications** that will include the initial fixed rate for Portsmouth Community Power service compared with Eversource
- ~ Customers currently on default energy service provided by Eversource will be **able to decline participation or “opt-out”** of Portsmouth Community Power by a return postcard, online, or by calling a customer service number.
- ~ If a **customer is already getting their power from a competitive supplier**, nothing will change unless they choose to switch and **“opt-in”** to Portsmouth Community Power.
- ~ New utility customers will get similar opt-out notices.
- ~ All Portsmouth Community Power default service customers will always be able to know the fixed rate at least 30 days in advance and be able to switch supplier at next meter read upon request with **no penalty or exit fee**.



# Example of Customer Rates and Optional Products

Example default service product and optional rates that could be offered to customers:

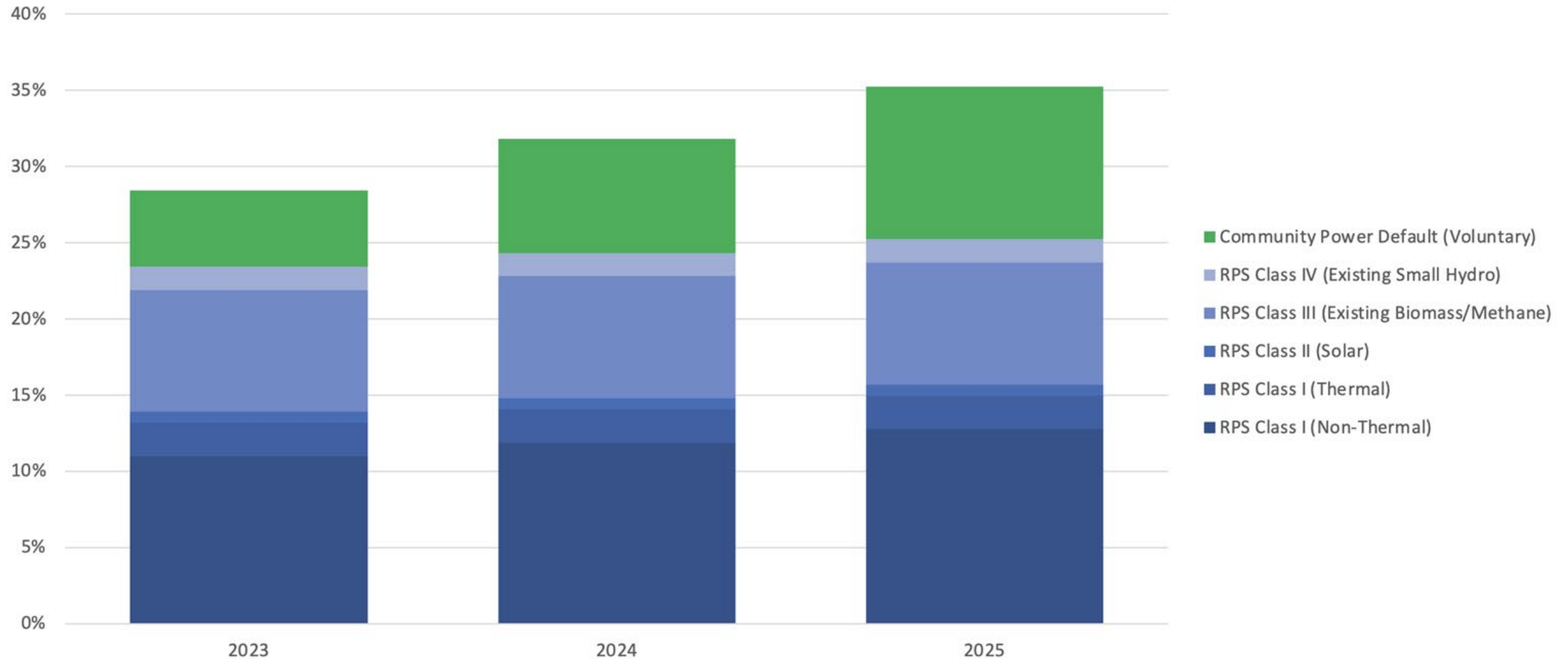
| <u>PRODUCT</u>       | <u>CONTENT</u>                | <u>MEMBER ELECTIONS</u>      |
|----------------------|-------------------------------|------------------------------|
| <b>Granite Basic</b> | Minimum RPS Content (23.4%)   | Default, opt-down/in, or N/A |
| <b>Granite Plus</b>  | 33% Renewable or Carbon Free  | Default, opt-up/in, or N/A   |
| <b>Clean 50</b>      | 50% Renewable or Carbon Free  | Opt-up/in or N/A             |
| <b>Clean 100</b>     | 100% Renewable or Carbon Free | Opt-up/in or N/A             |

*(The Renewable Portfolio Standard (RPS) is a New Hampshire state policy setting a minimum requirement for renewable energy to be provided to customers. RPS requirement for 2023 is 23.4%)*



# Illustrative Renewable Energy Purchases

Renewable Portfolio Standard Requirements + Voluntary Purchases





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

### **3. Community Power Coalition of New Hampshire (CPCNH or “The Coalition”)**

# Community Power Coalition of New Hampshire

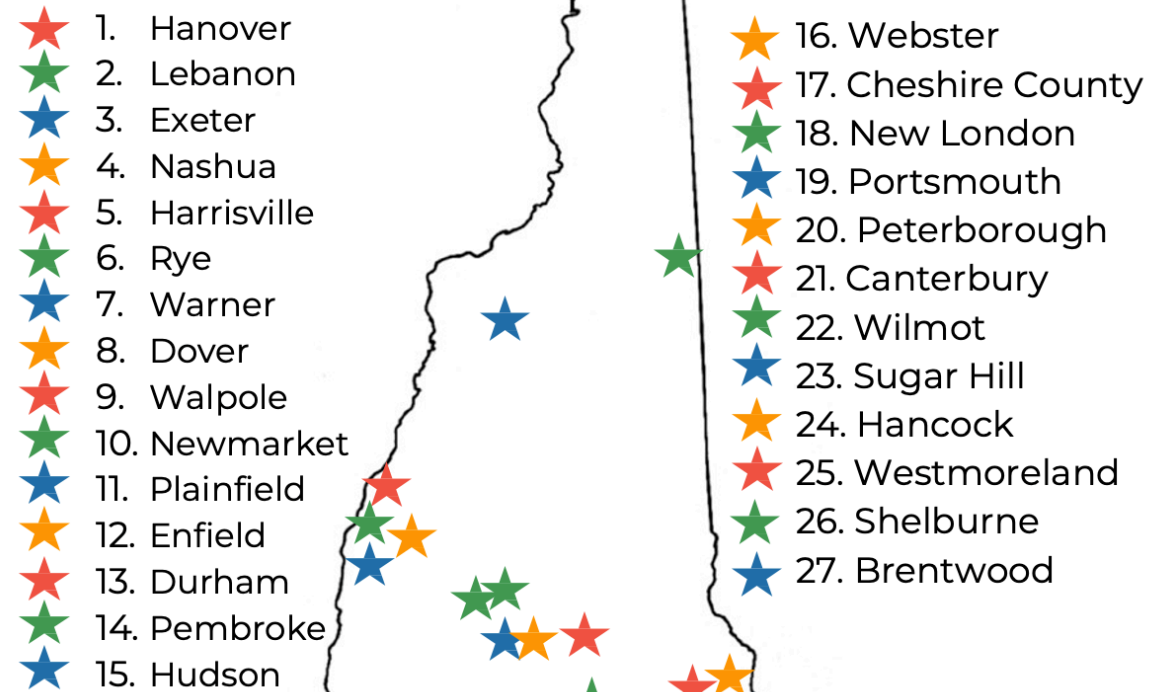
⚡ Community-governed not-for-profit Joint Power Agency formed on 10/1/21

⚡ **27 Members representing:**

- **21% of NH population**
- ~119,000 customers
- ~960,000 MWh / year
- ~\$150 million / year revenues (controlled by communities)

⚡ Target windows for program launch:

- Spring 2023 for 12 Members
- Spring 2024 for 15 Members



# Governed “for Communities, by Communities”

## BOARD OF DIRECTORS

1. Chair Clifton Below, City of **Lebanon** (alt. Greg Ames)
2. Vice Chair Kevin Charette, City of **Portsmouth** (alt. Peter Rice)
3. Treasurer Kimberly Quirk, Town of **Enfield** (alt. Jo-Ellen Courtney)
4. Secretary Evan Oxenham, Town of **Plainfield** (alt. Steve Ladd)
5. Director Terry Clark, **Cheshire** County (alt. Chris Coates)
6. Director Christopher Parker, City of **Dover** (alt. Jackson Kaspari)
7. Director Doria Brown, City of **Nashua** (alt. Deb Chisholm)
8. Director Rick Labrecque, Town of **Brentwood** (alt. Tom Palma)
9. Director Kent Ruesswick, Town of **Canterbury** (alt. Howard Moffett)
10. Director Mandy Merrill, Town of **Durham** (alt. Nat Balch)
11. Director Nick Devonshire, Town of **Exeter** (alt. Julie Gilman)
12. Director Jim Callihan, Town of **Hancock** (alt. Robbie Hertneky)
13. Director April Salas, Town of **Hanover** (alt. Peter Kulbacki)
14. Director Andrea Hodson, Town of **Harrisville** (alt. Andrew Maneval)
15. Director Craig Putnam, Town of **Hudson** (alt. Kate Messner)
16. Director Jamie Hess, Town of New **London** (alt. Tim Paradis)
17. Director Toni Weinstein, Town of **Newmarket** (alt. Steve Fournier)
18. Director Steve Walker, Town of **Peterborough** (alt. Danica Melone)
19. Director Matt Miller, Town of **Pembroke** (alt. Jackie Wengenroth)
20. Director Lisa Sweet, Town of **Rye** (alt. Howard Kalet)
21. Director Michael Prange, Town of **Shelburne** (alt. Ray Danforth)
22. Director Jordan Applewhite, Town of **Sugar Hill** (alt. Margo Connors)
23. Director Paul Looney, Town of **Walpole** (alt. Dennis Marcom)
24. Director Clyde Carson, Town of **Warner** (alt. George Packard)
25. Director Marty Bender, Town of **Webster** (alt. David Hemenway)
26. Director Mark Terry, Town of **Westmoreland** (alt. John Snowdon)
27. Director William Chaisson, Town of **Wilmot** (alt: )

## COMMITTEES

| Executive          | Finance                          | Risk Management                |
|--------------------|----------------------------------|--------------------------------|
| CEO & Staff Search | Regulatory & Legislative Affairs | Member Operations & Engagement |

(Audit & Governance Committees under formation)

## OFFICERS & COMMITTEE CHAIRS



[Clifton Below](#)  
Chair

**City of Lebanon**  
Assistant Mayor & City  
Councillor



[Kim Quirk](#)  
Treasurer

**Town of Enfield**  
Energy Committee



[Kevin Charette](#)  
Vice Chair

**City of Portsmouth**  
Energy Committee



[Evan Oxenham](#)  
Secretary

**Town of Plainfield**  
Energy Committee



[Matt Miller](#)  
Chair, Risk  
Management

**Town of Pembroke**  
Energy Committee



[Lisa Sweet](#)  
Chair, Member  
Operations

**Town of Rye**  
Energy Committee



[Mandy Merrill](#)  
Chair, Regulatory &  
Legislative Affairs

**Town of Durham**  
Energy Committee



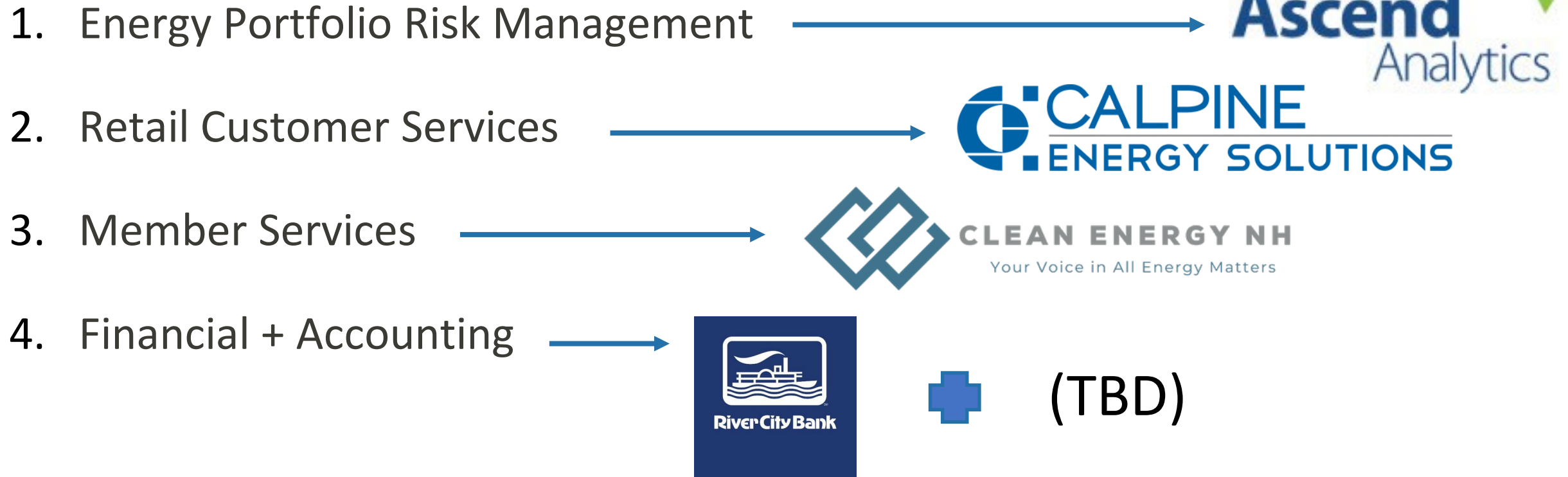
[April Salas](#)  
Chair of CEO &  
Staff Search

**Town of Hanover**  
Sustainability Director

# Operations: Wholesale, Retail, Members

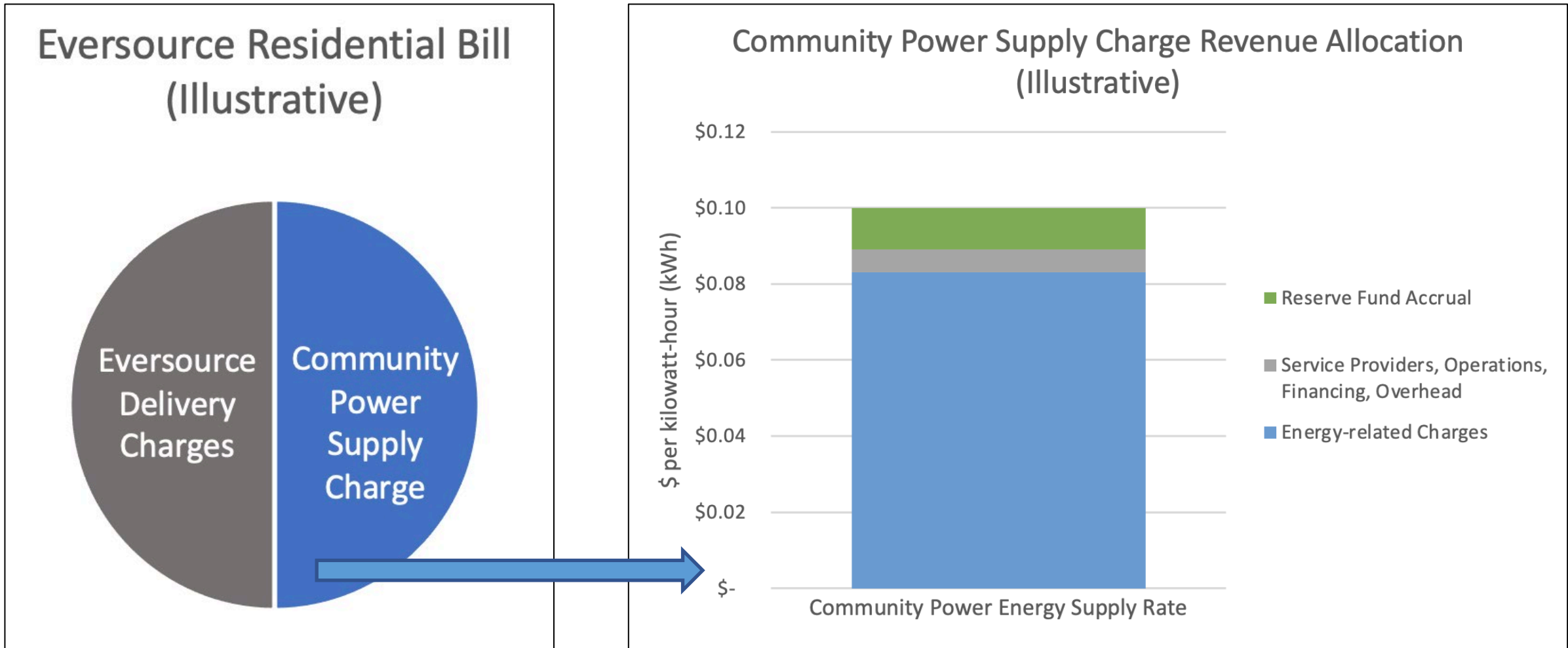
Request for Proposal for Comprehensive Services & Credit Support

## Four service categories:



CPCNH is in the process of negotiating service & financing agreements with these firms

# Illustration of Energy Supply Charge Revenue Allocation



*(Average energy supply rates between 2019-2021 were ~ \$0.08 per kilowatt-hour (kWh). Supply increased to over \$0.15 per kWh in 2022. Energy supply rates fluctuate over time depending on market forces, availability of fuel and generators, weather, climate, and other factors. The \$0.10 per kWh supply rate in the graphic is for illustrative purposes.)*

# [NAME] COMMUNITY POWER

Portsmouth Energy  
Advisory Committee

Drafts Electric Aggregation Plan (EAP)

City Council

Sends EAP to [LEGISLATIVE BODY] vote  
Appoints CPCNH Directors  
Oversees Portsmouth CP

EAP



**PUBLIC UTILITIES  
COMMISSION**

Approves Portsmouth  
EAP

PORTSMOUTH RESIDENTS

CPCNH is formed and governed  
by 20 Member communities,  
including PORTSMOUTH

CPCNH provides comprehensive  
services to Portsmouth  
Community Power



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

Community-appointed  
Board & Committees  
Expert staff & vendors  
Provides power & serves  
customers

**Eversource**

Power Delivery,  
Metering, Billing

**ISO New England**

Power Market

# 4. Timeline for Portsmouth Community Power







# Portsmouth Community Power Timeline

- ~ **Step 1:** Conduct Research and Form Community Power Committee
- ~ **Step 2:** Draft Community Power Plan / Hold Public Hearings
- ~ **Step 3:** Bring Plan to City Council for vote of adoption
- ~ **Step 4:** Contract with Service Provider, Notify Customers, Launch!



## 5. Questions/Comments



# THANK FOR YOUR INTEREST!

## LEARN MORE AT:

[CityofPortsmouth.com/city/Portsmouth-community-power](https://CityofPortsmouth.com/city/Portsmouth-community-power)



- ✓ The Portsmouth Electric Aggregation Plan
- ✓ Presentation on the Electric Aggregation Plan
  - ✓ Frequently Asked Questions
- ✓ **NEXT PUBLIC INFORMATION SESSION on February 9, 2023**

## Potential Q2 Portsmouth Go-Live

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January -- **Resident Survey launched** (references 2/2 public hearing)

Feb 2-- **Public Hearing #1**

Feb 9 -- **Public Hearing #2**

Feb 10 -- **EAP submitted to Public Utility Commission** (starts 60-day approval clock)

Feb 13 -- **City Council Community Power Working Session**

Feb 21 --**City Council approves EAP**

Mar 20 -- **City Council executes the CPCNH Cost Sharing Agreement and Member Services Contract and other Governance Documents** -- CPCNH initiates various program launch activities: supporting local public engagement campaign efforts, incorporating the City's rate product elections into call center scripting, etc.

April 1 -- **Wave 1 communities launch with CPCNH**

Apr 11 -- **PUC approves EAP** (hasn't been approving earlier than 60 days but perhaps) -- CPCNH initiates additional program launch activities: registering the approved CPA with Eversource, requesting mailing list data / preparing customer notices, etc.

Apr 12 -- **CPCNH Risk Management Committee convenes to authorize energy supply procurement for Portsmouth** (and allow Portsmouth to opt-out and defer its launch at the meeting)

Apr 25 -- **CPCNH submits 45-day advance notice of intent to launch Portsmouth's CPA to PUC and Eversource**, publishes Portsmouth's rates to the DOE shopping comparison website, sends out customer opt out/in mailers (+30 days from launch), supports the City in ramping up public engagement / the required public meeting post-notices (public hearing +15 days from launch),etc.

May 28 – June 30 -- **Portsmouth CPA launches service** and CPCNH enrolls all customers in groups, on Eversource's meter reading / billing group cycle schedule, with the consequence that full enrollment is achieved by end of June.

August 1 -- **Rates change for August – January 2024** for utility default service and CPCNH (all CPAs)

