

# Hudson Energy Aggregation Committee

Information & Recruiting Presentation

Craig Putnam, CPCNH Director for Hudson Energy Aggregation Committee

January 18, 2022 | 7:00pm (via Zoom)

FOR COMMUNITIES, BY COMMUNITIES.



**COMMUNITY  
POWER COALITION**  
OF NEW HAMPSHIRE



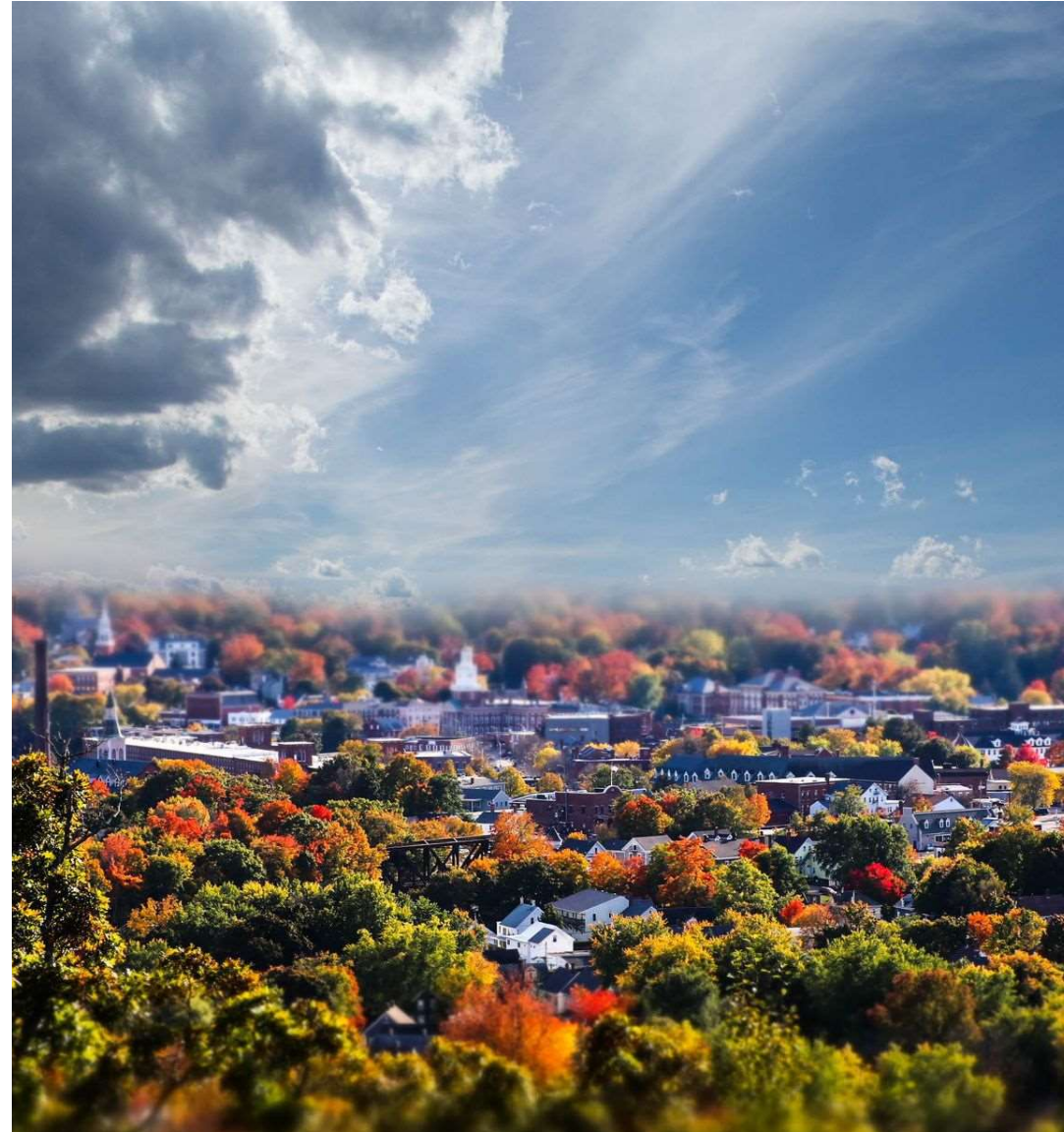
# Presentation Overview

- 1 | What is Community Power?
- 2 | Community Power Coalition of New Hampshire
- 3 | Hudson EAC
- 4 | Q&A Discussion

# 1. What is Community Power?



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# What is Community Power?

New Hampshire cities, towns, and counties procure electric power supply on behalf of their residents and businesses and provide related customer services (local programs, Net Energy Metering supply rates, etc.)



Pooled Purchasing Power  
For **Energy Supply**

Utility Company  
**Delivers** Power

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

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

*Enabling Legislation: RSA 53-E, Relative to Aggregation of Electric Customers by Municipalities & Counties*

# What is Community Power?

# Benefits of Community Power



## Local Control

Democratizing energy procurement to the community level



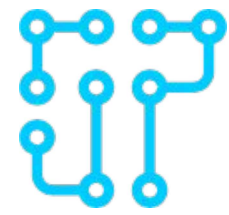
## Lower Costs

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



## Renewables

Build & Buy Clean Energy



## Resilience & Innovation

New Technologies  
Market Competition  
Price Signals  
Customer Empowerment

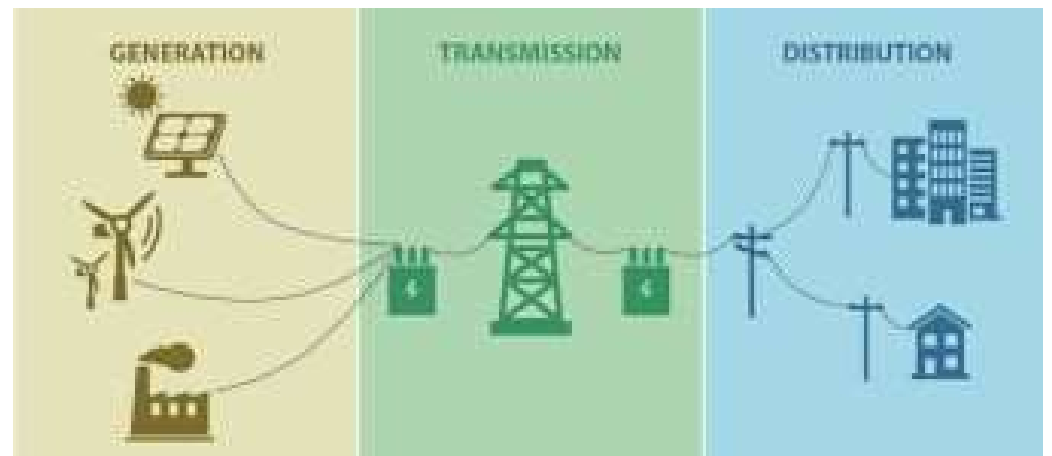
# Enabling Legislation

# What is a Default Energy Supplier?

*The Utility providers in NH are not allowed to own power plants (the energy supply); they provide the distribution wires and billing to the end user.*

*If the end-user doesn't choose a competitive energy supplier, they get their Utility's default supplier*

*For Hudson, that is Eversource*





# Eversource Utility Bill

<b>Service from 01/04/21 - 02/01/21</b>				<b>28 Days</b>
<b>Next read date on or about: Mar 03, 2021</b>				
Meter Number	Current Read	Previous Read	Current Usage	Reading Type
<b>S72991171</b>	<b>31424</b>	<b>27752</b>	<b>3672</b>	<b>Actual</b>

Total Demand Use = 11.80 kW

Monthly kWh Use						
Feb	Mar	Apr	May	Jun	Jul	Aug
3726	3941	3824	3459	3470	4447	5072
Sep	Oct	Nov	Dec	Jan	Feb	
4395	4546	4315	4728	4186	3672	

## Contact Information

Emergency: 800-662-7764  
 www.eversource.com  
 BusinessCenterNH@eversource.com  
 Pay by Phone: 888-729-7764  
 Customer Service: 866-554-6025

For information or questions regarding your account, please contact Eversource at the number above. If, after contacting us, your billing

Delivery Services	\$333.69
Other Charges or Credits	-\$110.47
<b>Total Current Charges</b>	<b>\$482.18</b>
<b>Total Amount Due</b>	<b>\$482.18</b>

## Total Charges for Electricity

### Supplier

Eversource

Service Reference: 511403009

Allocated for 01/04/21 to 01/31/21

Energy Chrg - Rate G 3540.90kWh X \$0.07068 \$250.27

Allocated for 01/31/21 to 02/01/21

Energy Chrg - Rate G 131.10kWh X \$0.06627 \$8.69

**Subtotal Supplier Services \$258.96**

### Delivery

(RATE G GENERAL SERVICE)

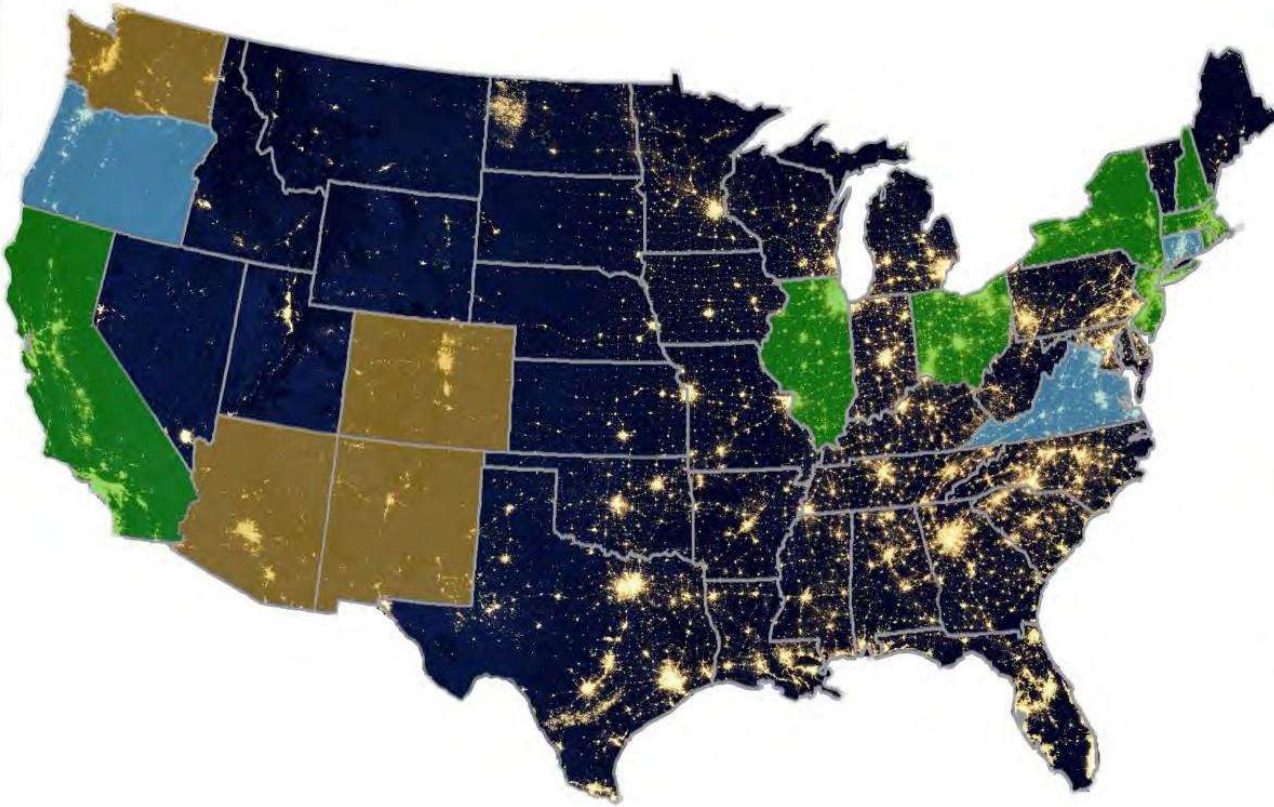
Service Reference: 511403009

Allocated for 01/04/21 to 01/31/21

# Where is Community Power?

## AUTHORIZED

- New Hampshire 2019
- New York 2016
- Illinois 2009
- New Jersey 2003
- California 2002
- Ohio 1999
- Rhode Island 1999
- Massachusetts 1997



## INTERESTED (low barriers)

- Connecticut
- Virginia
- Oregon

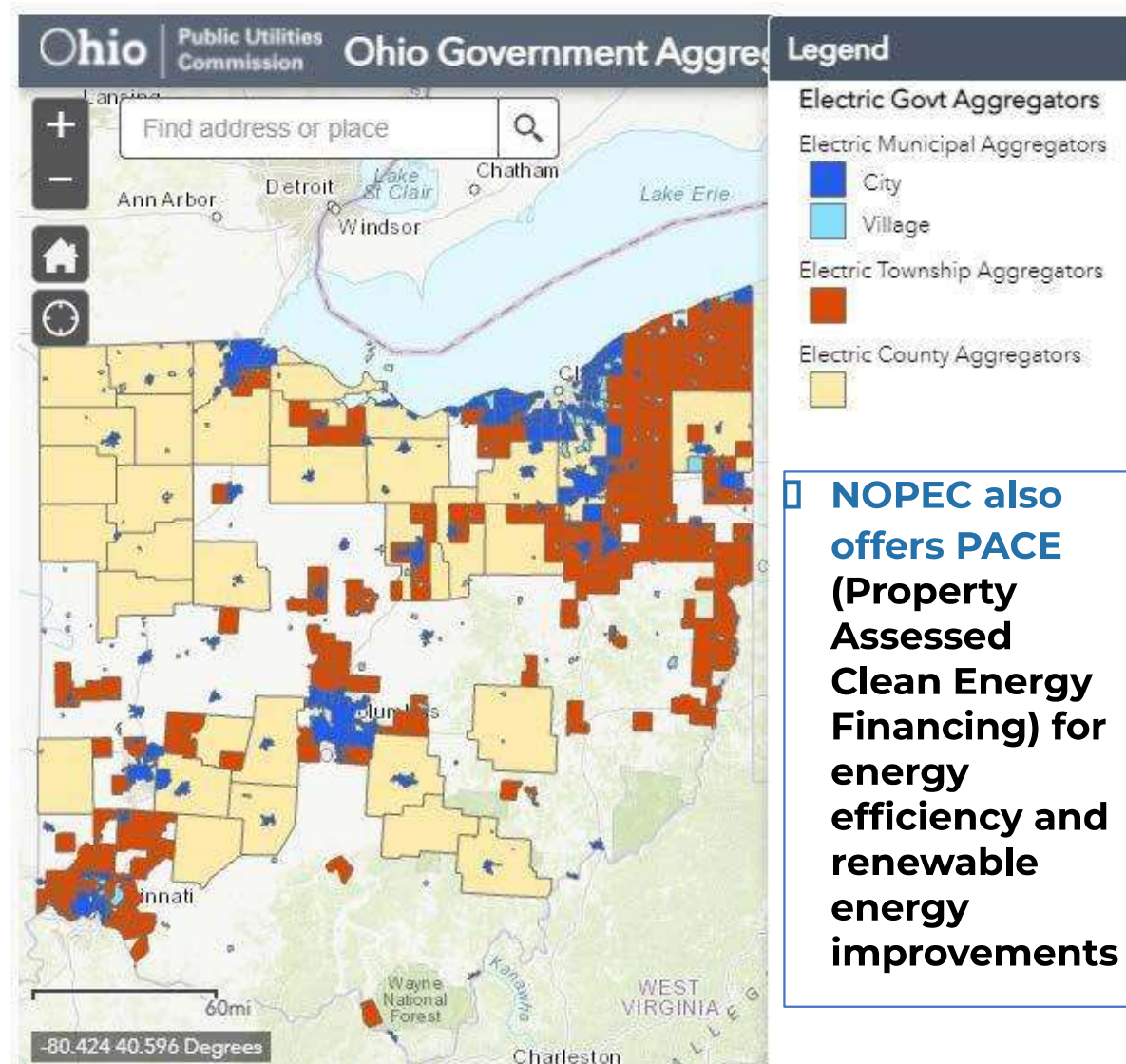
## INTERESTED (high barriers)

- Washington
- New Mexico
- Colorado
- Arizona

# OHIO Community Power Market

- Ohio has enabled municipal and county aggregation for more than 2 decades.
- Map from Ohio PUC shows places that have **authorized electric aggregations**. (Not all may be currently active.)
- The largest, Northeast Ohio Public Energy Council (NOPEC), serves 950,000 customers in 240 communities. NOPEC estimates savings >\$300 million and \$28 million in community energy efficiency grants since 2001 inception.

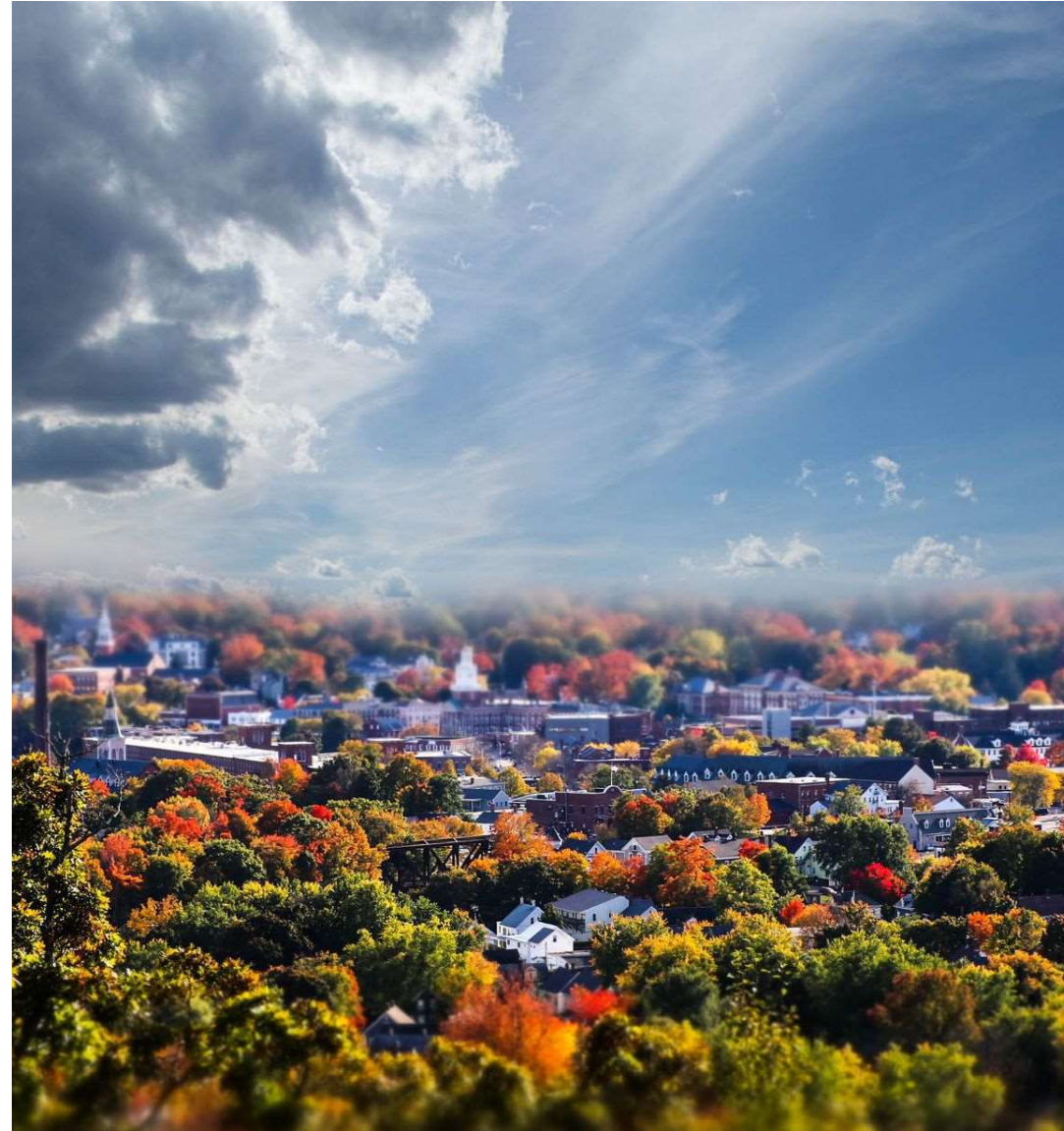
Sources: <https://www.leanenergyus.org/ohio> and <https://puco.ohio.gov/wps/portal/gov/puco/utilities/electricity/resources/government-aggregation>



# 2. The Coalition



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*For communities, by communities.*



# Incorporation Day, October 1, 2021

*For Communities, By Communities*



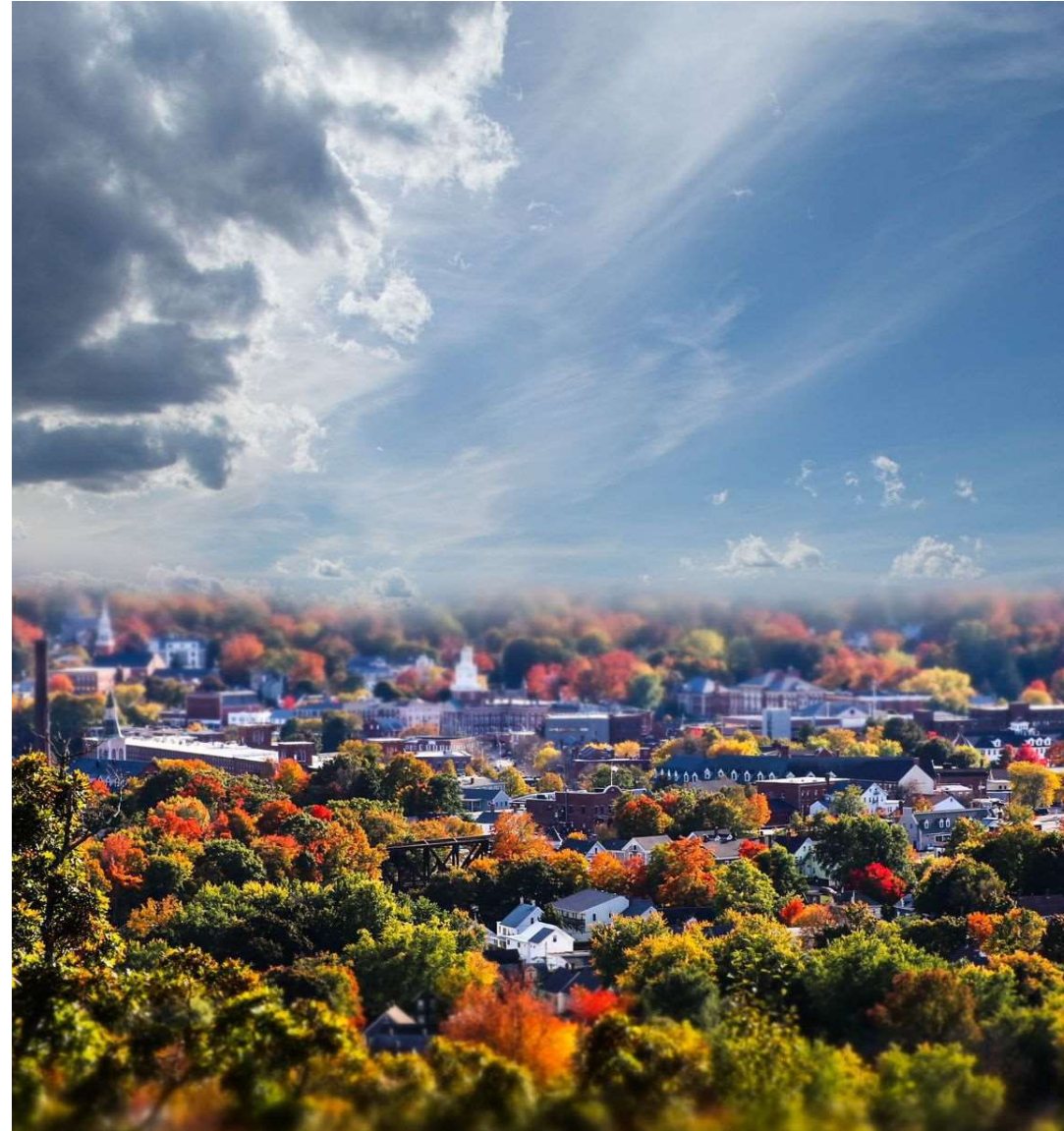
# COMMUNITY POWER COALITION OF NH

## OUR VISION

NH cities, towns and counties are empowered to realize their individual energy goals including local control, cost reduction, renewable energy, competitive markets and resiliency.



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# Community Power Coalition of NH (CPCNH)

*A non-profit organization set up to democratize energy purchasing by empowering towns, cities and counties to choose where their electricity comes from and how it is generated on behalf of their residents and businesses.*



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# CPCNH Member Communities

## Community Power Coalition of NH

- Statewide public non-profit
- Governed by member communities
- Provides pooled procurement and shared services for Community Power programs

## Status

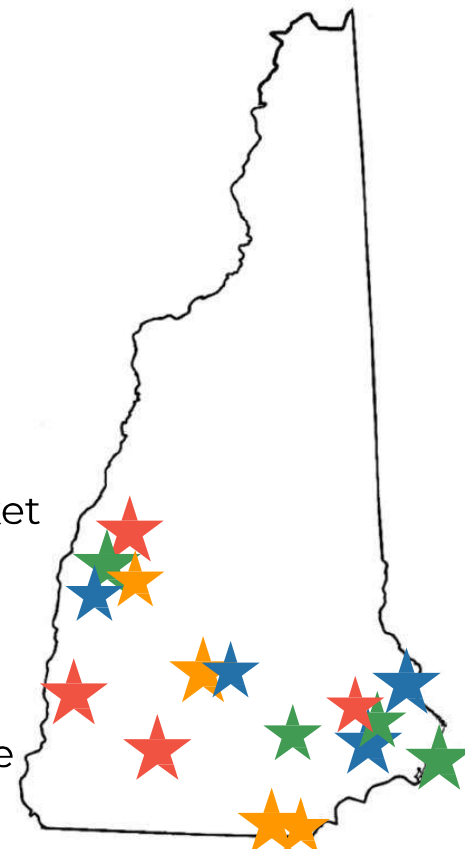
16 municipalities (13 towns & 3 cities) + 1 county have joined by **unanimous vote** of governing body to adopt the Joint Powers Agreement (1/10/22)

## Joint Powers Agreement

Intermunicipal agreement establishing CPCNH as a public nonprofit

**All NH cities, towns, and counties are invited to join CPCNH**

- ★ 1. Town of Hanover
- ★ 2. City of Lebanon
- ★ 3. Town of Exeter
- ★ 4. City of Nashua
- ★ 5. Town of Harrisville
- ★ 6. Town of Rye
- ★ 7. City of Dover
- ★ 8. Town of Warner
- ★ 9. Town of Walpole
- ★ 10. Town of Newmarket
- ★ 11. Town of Plainfield
- ★ 12. Town of Enfield
- ★ 13. Town of Durham
- ★ 14. Town of Pembroke
- ★ 15. Town of Webster
- ★ 16. Town of Hudson
- ★ 17. Cheshire County





# Public Power Joint Powers Agencies (JPAs)

Public power utilities formed 70+ joint power agencies over the past ~50 years to provide power supply services for many of the more than 2,000 municipal electric utilities in the U.S.



# CPCNH Leadership

*CPCNH Chair*  
**April Salas**  
Hanover  
Sustainability Director



*CPCNH Treasurer*  
**Andrea Hodson**  
Harrisville  
Select Board Chair



*CPCNH Risk Mgmt. Committee Chair*  
**Matt Miller**  
Pembroke  
Electric Aggregation Committee



*CPCNH Vice-Chair*  
**Clifton Below**  
Lebanon  
Assistant Mayor



*CPCNH Executive Committee*  
**Doria Brown**  
Nashua  
Energy Manager



*CPCNH Member Ops Committee Chair*  
**Lisa Sweet**  
Rye  
Electric Aggregation Committee

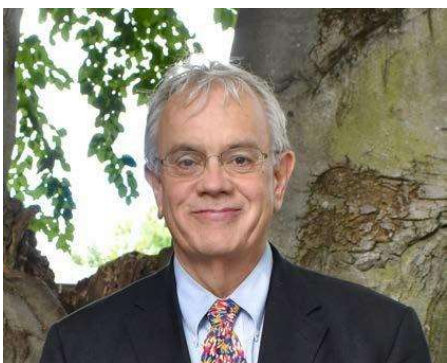


*CPCNH Secretary*  
**Evan Oxenham**  
Plainfield  
Electric Aggregation Committee



# Clifton Below, Lebanon Assistant Mayor

Vice-Chair, CPCNH



**30 years of energy policy leadership & public service for NH:**

- Author of Community Power Act (2019 revisions – SB 286)
- Co-author of Electric Utility Restructuring Act of 1996
- Former NH state Representative, Senator & PUC Commissioner
- Former President of New England Conference of Public Utility Commissioners (& served on many state, regional, & Federal boards)
- Lebanon Energy Advisory Committee Chair: developing Lebanon Community Power
- Recent Coalition activities:
  - Negotiations & amendments to House Bill 315
  - Negotiations & amendments to Senate Bill 91
  - Community Power Rule drafting (PUC)
  - Statewide Data Platform settlement (PUC)



Coalition professional profile page: <https://www.cpcnh.org/bios>

# Getting to Community Power – step by step

*The first step was for Hudson to join CPCNH. To do this the Selectboard:*

- Authorized the Town Manager to sign the Joint Powers Agreement – agreeing to join & provide input to the coalition*
- Authorized the Energy Aggregation Committee (EAC) to represent Hudson at CPCNH*
- Assigned a Director and Alternate from the EAC*



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# Getting to Community Power – step by step

*The second step is for the Hudson EAC to develop an Electric Aggregation Plan for review and input by any interested parties and vote on adoption at Town Elections (planned for spring 2023).*



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# Getting to Community Power – step by step

*Assuming CPA is adopted in Hudson, the final step is for the Selectboard to review a contract with pricing to enter into an agreement with a Community Choice Aggregator. Even with an approved Electricity Aggregation Plan, the Selectboard doesn't have to sign an agreement.*



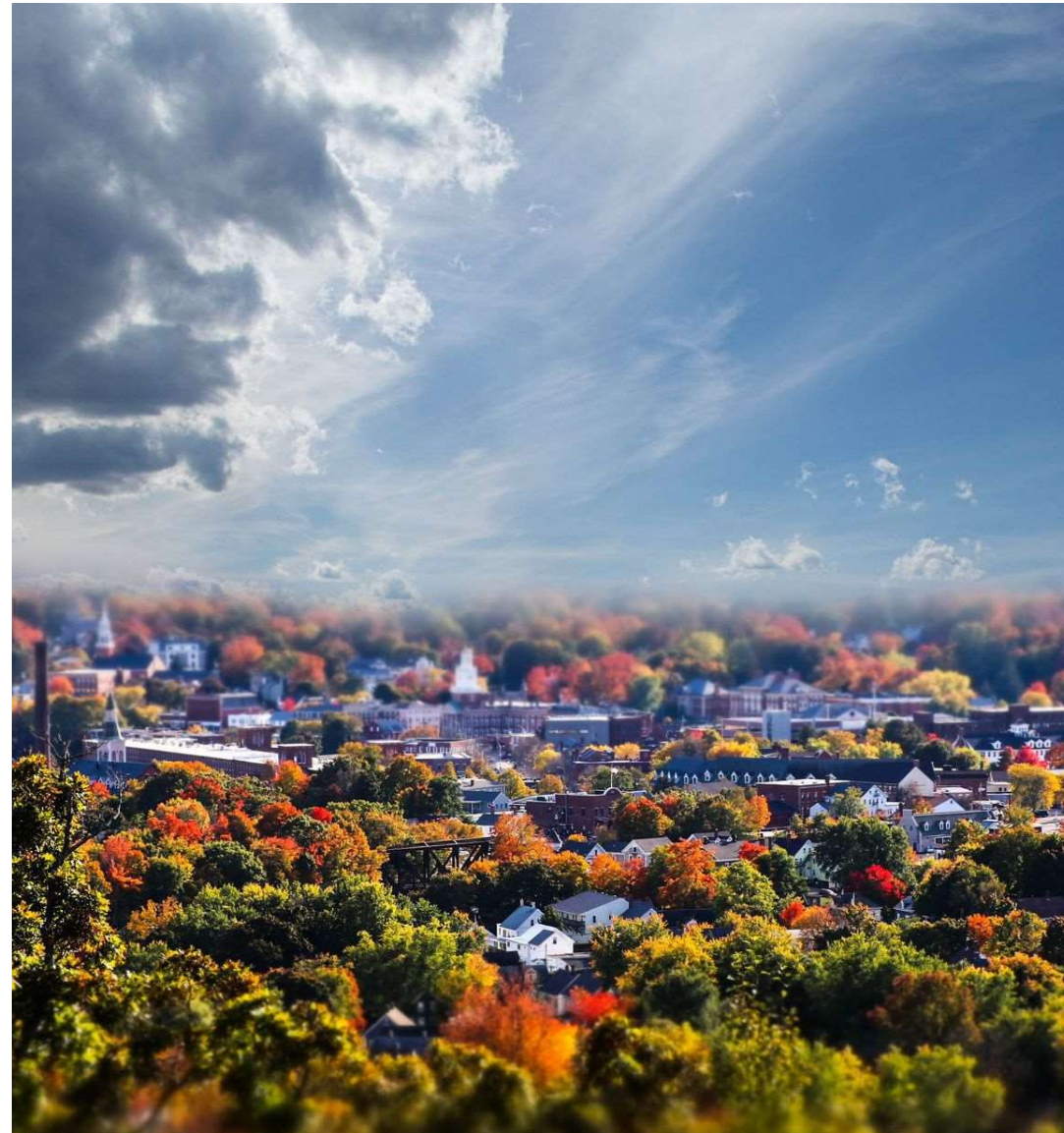
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# 3. Hudson EAC

(Energy Aggregation  
Committee)



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# Hudson Energy Aggregation Committee (HEAC) Timeline

- *Formed on 10/14/21 as a subcommittee of the Sustainability Committee*
- *Initial members:*
  - *Craig Putnam*
  - *Kate Messner*
- *Hudson signed JPA on 11/9/21*
- *HEAC authorized by BOS on 11/29/21 to represent Hudson to CPCNH*
- *Hudson officially joins CPCNH on 12/16/21*
  - *Craig is Hudson's CPCNH Director & Kate is the Alternate*



# Work of the HEAC

*There are two main tasks for the HEAC to accomplish:*

- 1. Help shepherd the town through the process of adopting community power aggregation (CPA)
  - Working with the BOS, the PUC, the DOE, power distributors (Eversource), ... to put in place a process whereby CPA can be implemented in Hudson (if the voters so choose)*
  - Educating Hudson voters so they understand CPA and can vote on it (warrant article planned for spring 2023)**
- 2. Assuming the warrant article will pass, the HEAC will work in parallel to do due diligence on potential CPA partners; currently, there are three candidates*

# Adopting Community Power Aggregation

*There are several activities where the HEAC can directly help the town navigate the process of adopting CPA:*

- Working with CPCNH and others to further develop CPA in NH*
- Helping to develop a warrant article for CPA adoption (due to BOS November 2022)*
- Educating the voters as to what CPA is all about prior to the spring 2023 town elections*

# Evaluating Candidate CPA Partners

*Currently, there are three candidate CPA partners:*

- *CPCNH (non-profit)*
- *Standard Power / Good Energy (for-profit)*
- *Freedom Logistics / Colonial Power (for-profit)*

*The HEAC needs to:*

- *Evaluate each of these candidates, and*
- *Make a recommendation to the BOS as to which entity to partner with (and why)*
- *This recommendation is targeted for fall 2022 (but could happen later if necessary)*

# Evaluating Candidate CPA Partners

*Evaluating candidate CPA partners will include examining:*

- *Financials*
- *Past performance*
- *Pricing – as compared to default supplier (Eversource):*
  - *Must be able to offer better & more dynamic pricing*
  - *Must be able to offer greener power mix options*
- *Ability to offer additional / new capabilities:*
  - *Time-of-use pricing*
  - *Local power generation (solar, wind, ...)*
  - *TBS...*

# HEAC Member Characteristics

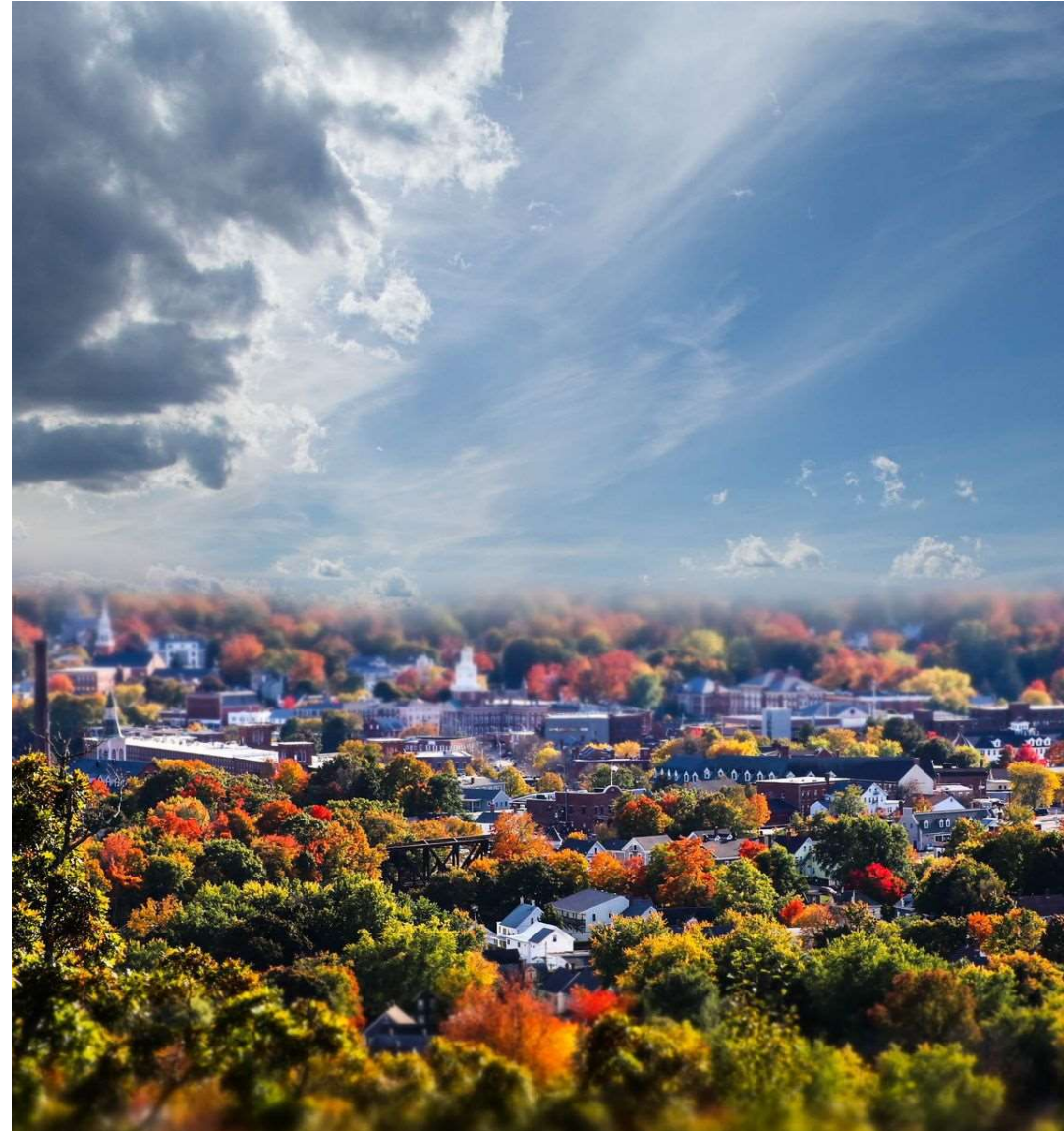
*HEAC is looking for several new members who are comfortable with:*

- *Working collaboratively with the other HEAC members*
- *Working with numbers / spreadsheets*
- *Performing financial analysis*
- *Reading annual reports*
- *Communicating with / interviewing the candidate providers*
- *Working with & presenting to the BOS*
- *Presenting to the community*
- *TBS...*

# 4. Q/A & Discussion



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# COMMUNITY POWER COALITION OF NEW HAMPSHIRE

**SUSTAINABLE  
HANOVER**  
Energy | Environment | Community