

Atkinson Community Power

Public Hearing: Electric Aggregation Plan

December 2, 2023 - 10:00am – Kimball Public Library

December 14, 2023 – 7:00pm – Atkinson Community Center



**COMMUNITY
POWER COALITION**
OF NEW HAMPSHIRE



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- 2 | Electric Aggregation Plan
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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](#) (enacted as the first in the nation in 1996 and updated in 2019 and 2021).
- ~ 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"***.

TITLE III
TOWNS, CITIES, VILLAGE DISTRICTS, AND
UNINCORPORATED PLACES

Chapter 53-E
AGGREGATION OF ELECTRIC CUSTOMERS BY MUNICIPALITIES AND
COUNTIES

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

How Community Power Works



FOR COMMUNITIES, BY COMMUNITIES.



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Source

Atkinson Community Power purchases electricity from the sources you choose.

Delivery

Unitil delivers the electricity using the same power line infrastructure and billing mechanisms.

Community

Atkinson Energy Users save money and have the power to choose new rates and products, and how much electricity comes from renewable sources.

Benefits of Community Power



Local Control

Democratizing energy procurement to the community level



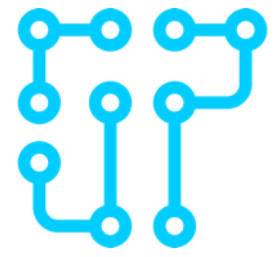
Lower Costs

Demonstrated lower rates than regulated utilities



Clean Energy

Build and buy clean energy
Support more local renewables



Resilience & Innovation

New technologies
Market competition
Price signals
Customer empowerment

“Community Power will only launch if it is able to (at launch) offer residential default rates that are lower than those offered by Unitil or Eversource.”

(Page 1 of proposed Electric Aggregation Plan)

Unitil

Electric Bill:

Delivery & Fixed Charges

(poles, wires, infrastructure, services)

Unitil

Electric Bill:

Electric Supply

(the electrons)

Community Power

Granite Basic Rate

Electric Supply

ELECTRIC SERVICE



| ELECTRIC SERVICE | | PERIOD 07/14/23 - 08/15/23 |
|---------------------------------|---------------------------|----------------------------|
| Delivery Charges Residential | | |
| Customer Charge | | 16.22 |
| Delivery Charge | 1050.00 kWh x \$0.08147 | 85.55 |
| Stranded Cost Charge | 1050.00 kWh x (\$0.00004) | (0.04) |
| Taxes & Surcharges | | |
| System Benefits Charge | 1050.00 kWh x \$0.00700 | 7.36 |
| Total Current EL Charges | | \$109.09 |



| ELECTRIC SUPPLIER SERVICE | | PERIOD 07/14/23 - 07/31/23 |
|---------------------------------|------------------------|----------------------------|
| Supplier Charges | | |
| Energy Service Chg Fixed | 558.00 kWh x \$0.25925 | 144.67 |
| Total Current SS Charges | | \$144.67 |
| ELECTRIC SUPPLIER SERVICE | | PERIOD 08/01/23 - 08/15/23 |
| Supplier Charges | | |
| Energy Service Chg Fixed | 492.00 kWh x \$0.13257 | 65.22 |
| Total Current SS Charges | | \$65.22 |

Total Bill all charges
and Supply = **\$318.98**

Unitil Default Service

Typical average residential user (based on Unitil 12 month report):

652 kWh per month x 12 months = 7,824 kWh per year
3,322 Residential Accts (Atkinson) x 7,824 kWh per year = 25,991,328 kWh per yr

Hypothetical annual savings (town-wide) compared to Unitil default rate:

Summer (current) rates: \$ 612,616
Winter (2022) rates: \$1,259,996

Total \$209.89


Total \$141.79

558 kWh x **\$0.15800** = \$88.16


492 kWh x **\$0.10900** = \$53.63

Total Bill all charges
and Supply = **\$250.88**

Unitil Delivery +
Community Power Supply

Electric Account Summary 


| | |
|-----------------------------------|----------------|
| Amount Due On MM/DD/YY | \$61.78 |
| Last Payment Received On MM/DD/YY | -\$61.78 |
| Balance Forward | \$0.00 |
| Current Charges/Credits | |
| Electric Supply Services | \$43.10 |
| Delivery Services | \$27.52 |
| Total Current Charges | \$70.62 |
| Total Amount Due | \$70.62 |

Total Charges for Electricity 

| | | |
|----------------------------------|-----------------------|----------------|
| Supplier | | |
| Eversource | | |
| Service Reference: 000000000 | | |
| Energy Chrg - Rate G | 191.00kWh X \$0.22566 | \$43.10 |
| Subtotal Supplier Services | | \$43.10 |
| Delivery | | |
| (RATE G GENERAL SERVICE) | | |
| Service Reference: 000000000 | | |
| Customer Chrg 1-Phase | | \$16.21 |
| Distribution Chrg | 191.00kWh X \$0.02820 | \$5.39 |
| Transmission Chrg | 191.00kWh X \$0.02201 | \$4.20 |
| Strnded Cst Recovery Chrg | 191.00kWh X \$0.00036 | \$0.07 |
| System Benefits Chrg | 191.00kWh X \$0.00863 | \$1.65 |
| Subtotal Delivery Services | | \$27.52 |
| Total Cost of Electricity | | \$70.62 |
| Total Current Charges | | \$70.62 |

Community Power
Granite Basic Rate

Electric
Supply

Total Charges for Electricity 

| | | |
|----------------------------------|-----------------------|----------------|
| Supplier | | |
| Atkinson Community Power | | |
| Service Reference: 000000000 | | |
| Energy Chrg - Rate G | 191.00kWh X \$0.10900 | \$20.82 |
| Subtotal Supplier Services | | \$20.82 |
| Delivery | | |
| (RATE G GENERAL SERVICE) | | |
| Service Reference: 000000000 | | |
| Customer Chrg 1-Phase | | \$16.21 |
| Distribution Chrg | 191.00kWh X \$0.02820 | \$5.39 |
| Transmission Chrg | 191.00kWh X \$0.02201 | \$4.20 |
| Strnded Cst Recovery Chrg | 191.00kWh X \$0.00036 | \$0.07 |
| System Benefits Chrg | 191.00kWh X \$0.00863 | \$1.65 |
| Subtotal Delivery Services | | \$27.52 |
| Total Cost of Electricity | | \$48.34 |
| Total Current Charges | | \$48.34 |

Key Points

- ~ **If/when Your Community Power launches, most Unitil or Eversource default electric supply customers will be automatically enrolled** in the same service for a lower price. Community Power will be the **new default electricity supplier** for your Town's customers.
- ~ **Participation in Community Power is voluntary.** Customers can choose to opt-out and to stay with Unitil or Eversource for electric supply, or shop for another market option.
- ~ **Unitil or Eversource will continue to deliver electricity** using their poles and wires, provide billing services, and ensure reliability.
- ~ **Customers shopping with third-party suppliers will remain with their supplier** unless they choose to opt-in to Community Power.
- ~ **Community Power will be self-funded** by rates paid by participating customers.
No taxes will be used to cover program expenses.



2. The Electric Aggregation Plan

What is the Electric Aggregation Plan?

- ✓ **Selectmen** establish a Committee pursuant to RSA 53-E to oversee development of the Electric Aggregation Plan (EAP).
- ✓ EAP details how the Community Power program will operate and comply with state legal requirements.
- There will be two Public Hearings on 12/02/2023 and 12/14/2023 to educate the Community about the Plan and to receive community input.

Purpose of the Electric Aggregation Plan

- ~ Defines program goals and objectives
- ~ Defines governance; implementation; customer noticing, enrollment, options
- ~ Commits municipality to comply with applicable statutes and regulations:

(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;
- b) How customers enrolled in the Electric Assistance Program will receive their discount.

The Plan does not:

- ~ Otherwise commit the town to any defined course of action; or
- ~ Impose any financial commitment or liability on the town or its taxpayers.

Electric Aggregation Plan Outline

Chapters:

1. Introduction
2. Overview of Community Power
3. Goals & Objectives
4. Statutory Requirements

Appendices:

- I. CPCNH
- II. Net Metering
- III. Load Serving Entity Services
- IV. Customer Data Protection Plan
- V. Abbreviations

Draft EAP on Town web site:

https://www.town-atkinsonnh.com/sites/g/files/vyhlf8101/f/uploads/atkinson_community_power_electric_aggregation_plan_v1.0.pdf

Implementation Process Steps

Form Committee >> Research & Planning >> Town Meeting >> Launch!

☒ 1. Form Committee & Join Coalition “Joint Powers Agency”

☒ Select Board voted to join CPCNH on **September 18, 2023**

☒ Select Board established Committee on **September 18, 2023**

☒ 2. Electric Aggregation Committee | Research & Planning

☒ Committee conducted research and drafted “Electric Aggregation Plan”

☐ Public hearings to collect community input (December 2, December 14)

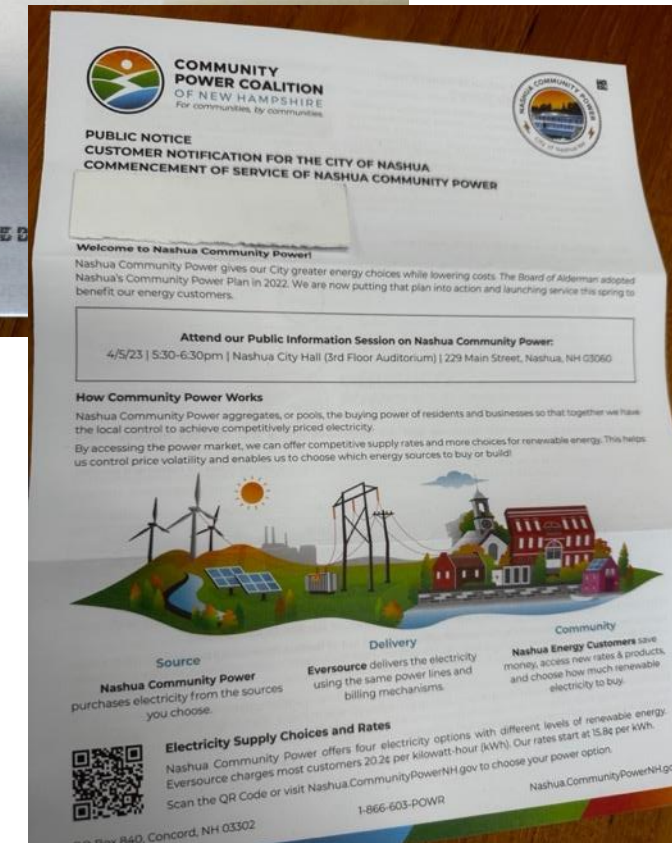
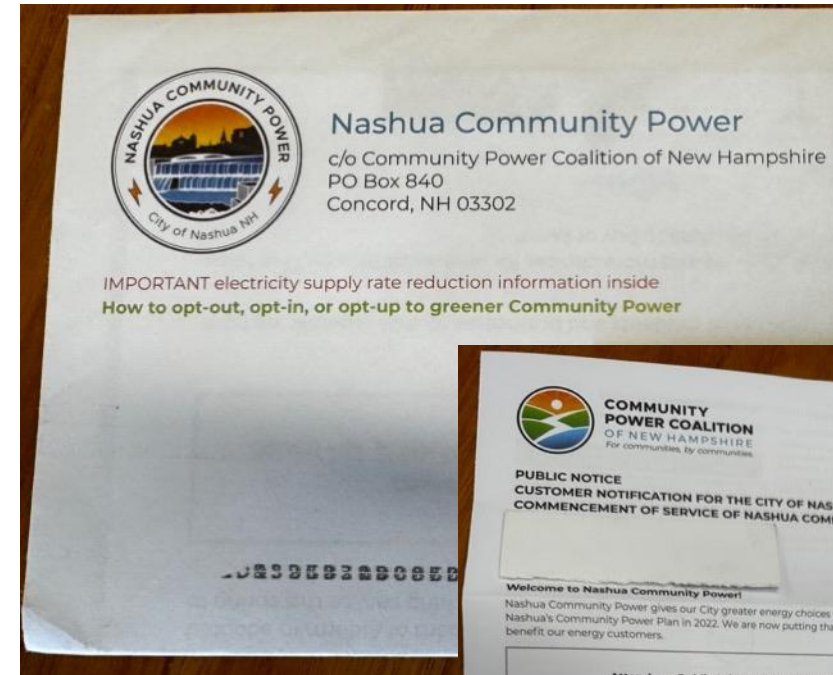
☐ 3. Town Meeting | Warrant Article (March 12, 2024)

☐ Town Meeting adoption of EAP authorizes (but does not require) the Select Board to contract for services to finance, launch, & operate Community Power.

☐ 4. Launch! (early summer 2024?)

Customer Notification and Enrollment Process

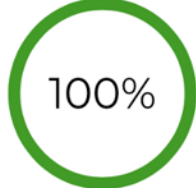


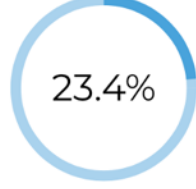
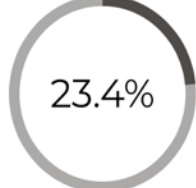
- ⚡ At least **30 days before program launch** all **electric customers will be mailed notifications** including the initial fixed rate for Community Power service compared with Unitil or Eversource
- ⚡ Customers on Unitil or Eversource default energy service **able to decline participation or “opt-out”** by calling 1-866-603-POWR, contacting info@CommunityPowerNH.gov ; or visiting www.CommunityPowerNH.gov
- ⚡ If a **customer is already getting their power from a competitive supplier**, nothing will change unless they choose to **“opt-in”** to Community Power.
- ⚡ **Unitil or Eversource will continue to deliver electricity** using their poles and wires, provide billing services, and ensure reliability.
- ⚡ Rates posted at least 30 days in advance; customers can switch supplier at next meter read upon request with **no penalty or exit fee**.
- ⚡ **Community Power is self-funded** by rates paid by participating customers. **No taxes will be used to cover program expenses.**



Electricity Choices

- ⚡ Energy customers can select from a menu of energy choices by:
- ⚡ Visiting www.CommunityPowerNH.gov and using the portal, or calling **1-866-603-POWER**, to select their power option.
- ⚡ Please have your utility account number handy so your selection may be easily processed.
- ⚡ Customers are always free to choose to buy power from their utility, or from another market option, without charge.

Aug 1, 2023 – Jan 31, 2024

| Renewable Content | Power Options | Rate (\$/kWh) | Estimated Cost* | 6-Month Savings |
|---|--|----------------------------------|-----------------------|----------------------|
|  | Clean 100 | 15.2 ¢ | ± \$91 / month | Clean Premium |
|  | Clean 50 | 12.3 ¢ | ± \$74 / month | ± \$6 |
|  | Granite Plus | 11.3 ¢ | ± \$68 / month | ± \$42 |
|  | Granite Basic <i>(Default Power)</i> | 10.9 ¢ | ± \$65 / month | ± \$60 |
|  | Unitil Eversource | 13.267 12.582 ¢ | ± \$75 / month | N/A |

*Based on usage of 600 kWh per month



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3. Community Power Coalition of New Hampshire

Community Power Coalition Members

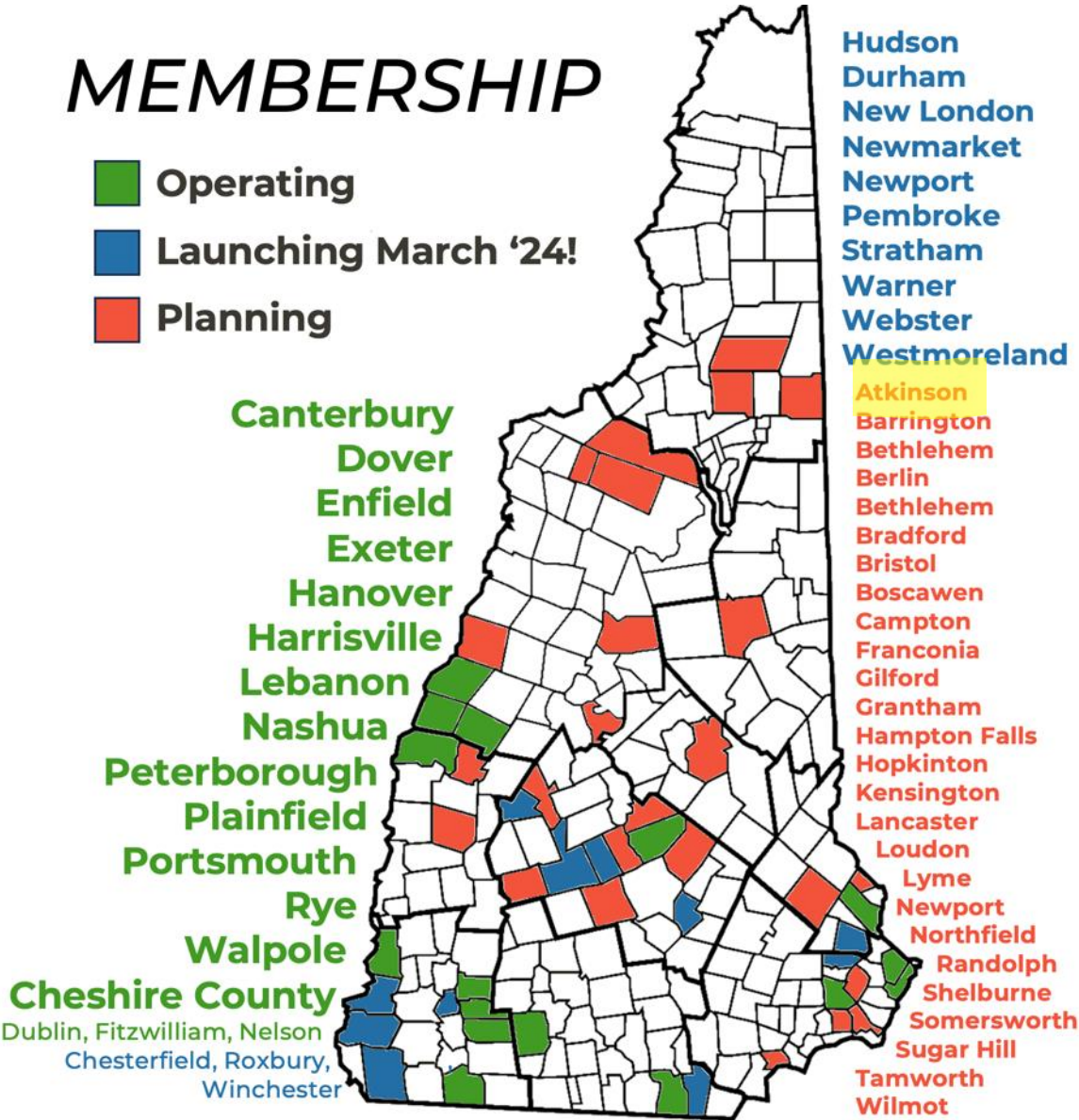
CPCNH is a community-governed power supplier

- ~40 Municipal Members Representing >25% of NH population
- 15 cities & towns + 1 county launched 2023
 - ~80,000 customers
 - Larger than Unitil or Liberty loads
- Remaining & new Members to launch 2024+
- Many cities/towns in process of joining

All NH cities & towns are invited to join

MEMBERSHIP

- Operating
- Launching March '24!
- Planning



Board of Directors

Community Governance

Technical Expertise | Transparent & Accountable

Accelerate Energy Transition | Public Advocacy



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

Staff & Service Providers

Expert Operations

Board Committees

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



CEO

Brian Callnan

Staff:

Administration

Member Services

Load & Power Resources

Regulatory & Legislative Affairs

Energy Portfolio
Risk Mgmt.



Retail Customer
Services & Data
Mgmt.



Legal
Accounting
Banking



Community
Engagement



Atkinson Electricity Use (12 months)

| ATKINSON - Aggregated data provided by Unitil for the 12 months ending October, 2023 | | | | | | |
|--|---|--------------------|--|--------------------|---|--------------------|
| | <u>Utility Default Supply Customers</u> | | <u>Competitive Supply Customers</u> | | <u>Total Customers</u> | |
| | (Eligible for Opt-Out Notifications & Automatic Enrollment) | | (Eligible for Opt-In Notifications & Voluntary Enrollment) | | (Combined Utility Default & Competitive Supply Customers) | |
| CustomerType | Customer Accounts | Annual Usage (MWh) | Customer Accounts | Annual Usage (MWh) | Customer Accounts | Annual Usage (MWh) |
| Commercial Industrial | 204 | 1,999 | 156 | 2,974 | 360 | 4,973 |
| Municipal | 2 | 35 | 13 | 625 | 15 | 660 |
| Residential | 2,516 | 21,600 | 666 | 3,508 | 3,182 | 25,108 |
| Total Y.E. 10/23 | 2,722 | 23,634 | 835 | 7,107 | 3,557 | 30,741 |
| | | | | | | |
| Aggregated data provided by Eversource for the 12 months ending September, 2023 | | | | | | |
| Customer | <u>Utility Default Supply Customers</u> | | <u>Competitive Supply Customers</u> | | <u>Total Customers</u> | |
| Type | (Eligible for Opt-Out Notifications & Automatic Enrollment) | | (Eligible for Opt-In Notifications & Voluntary Enrollment) | | (Combined Utility Default & Competitive Supply Customers) | |
| | Customer Accounts | Annual Usage (MWh) | Customer Accounts | Annual Usage (MWh) | Customer Accounts | Annual Usage (MWh) |
| Small Commercial (G) | 9 | 26 | 0 | 0 | 9 | 26 |
| Residential | 123 | 748 | 17 | 147 | 140 | 895 |
| Total Y.E. 9/23 | 132 | 774 | 17 | 147 | 149 | 921 |
| | | | | | | |
| Total ALL | 2,854 | 24,408 | 852 | 7,254 | 3,706 | 31,662 |



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OF NEW HAMPSHIRE
For communities, by communities.

Warrant Article 2024



Atkinson Community Power

To see if the Town will vote to adopt the Atkinson Community Power plan, to authorize the Select Board to implement the plan, and to take all action in furtherance thereof, pursuant to RSA 53-E. The Atkinson Community Power plan is an initiative to offer lower electricity rates to residents. The plan will launch only if it can offer lower rates. Initial participation can be declined and residents can opt out at any time in the future.

Tax Impact: None

Questions & Answers

<https://www.town-atkinsonnh.com/energy-commission/pages/atkinson-community-power>

www.cpcnh.org

CommunityPowerNH.gov