



**CITY OF DOVER**

## ENERGY COMMISSION – MINUTES

Meeting Type: **Regular Meeting**  
Meeting Location: **City Hall 1<sup>st</sup> Floor Conference Room, 288 Central Ave.**  
Meeting Date: **Wednesday, February 15<sup>th</sup>, 2023**  
Meeting Time: **5:30 PM**

### 1. Welcome

Chair Bill Baber opened the meeting at 5:30 pm.

**Roll call:** Bill Baber (Chair), Vincent Lyon, Arcadia Lee, Walter King, Susan Smith, Quincy Devine and John Turner

R. Ohler arrived at 5:35 pm and Councilor Deborah Thibodeaux arrived at 6:00 pm.

**Excused Absent:** Mike Behrmann

**Unexcused Absent:**

**Staff Present:** Jackson Kaspari (Resilience Manager)

### 2. Election of Officers

B. Baber nominated V. Lyon to serve as Vice Chair, S. Smith seconded.

W. King nominated B. Baber to serve as Chair. V. Lyon seconded. These two sole nominations were approved by unanimous consent.

### 3. Assign Minutes Taker

A. Lee agreed to take the minutes per the rotating schedule.

### 4. Citizens' Forum

No Citizens were presented

### 5. Approval of Regular Meeting Minutes of January 18, 2023

W. King moved to approve the minutes noting that John Turner's name be added. S. Smith seconded. Vote: U/A.

### 6. Old Business

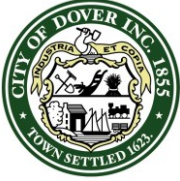
No old business was discussed.

### 7. Staff Updates

#### Eversource Electricity Data

In accordance with NH Puc 2203.02 a data request was initiated to Eversource on January 13th, 2023 to have it provide:

- 12 months of aggregated data for each rate class distinguishing between customers on default and competitive supply service.
- Customer counts within each rate class.
- Electricity sales from net metering.
- Revenues billed, revenues received and monies sent to receivables or collections.



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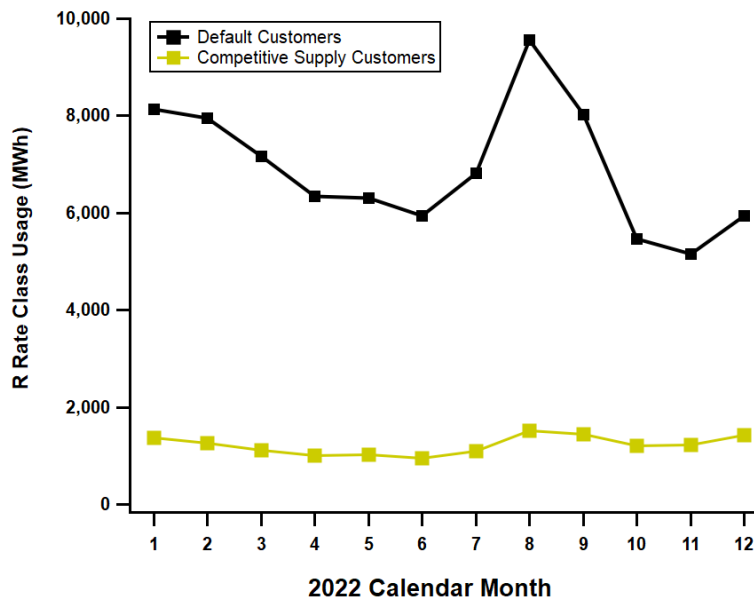
This data was provided on February 7th, 2023, well within the 30-day obligation period. This data will be sent to CPCNH to assist with preparing for the potential launch of a Dover Community Power Program.

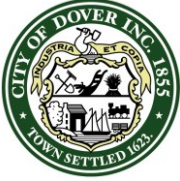
Here are some highlights from an initial analysis:

- ❖ 84% of residential rate class (R) customers remained on Eversource default supply as of December, 2022.
- ❖ 62% of general service (G) customers remained on Eversource default supply as of December, 2022.

| Rate Class      | % on Default Supply |
|-----------------|---------------------|
| Residential (R) | 84                  |
| General (G)     | 62                  |
| C & I (GV)      | 0                   |

The default (black trace) and competitive supply (gold trace) load profiles are shown as a function of calendar month below for 2022. Two expected peaks can be identified occurring during the darkest and hottest months of the year.



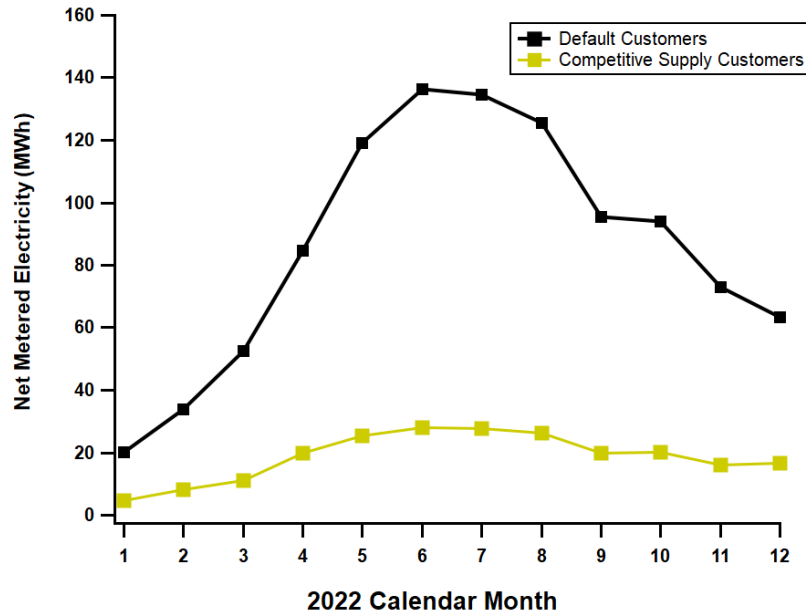


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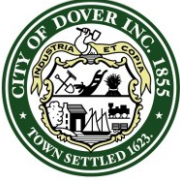
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Net metering data is also displayed for the R rate class and follows the expected trend with the highest levels of net metering occurring during months with greater solar production and less required electric based cooling.



This analysis will be expanded to additional rate classes.

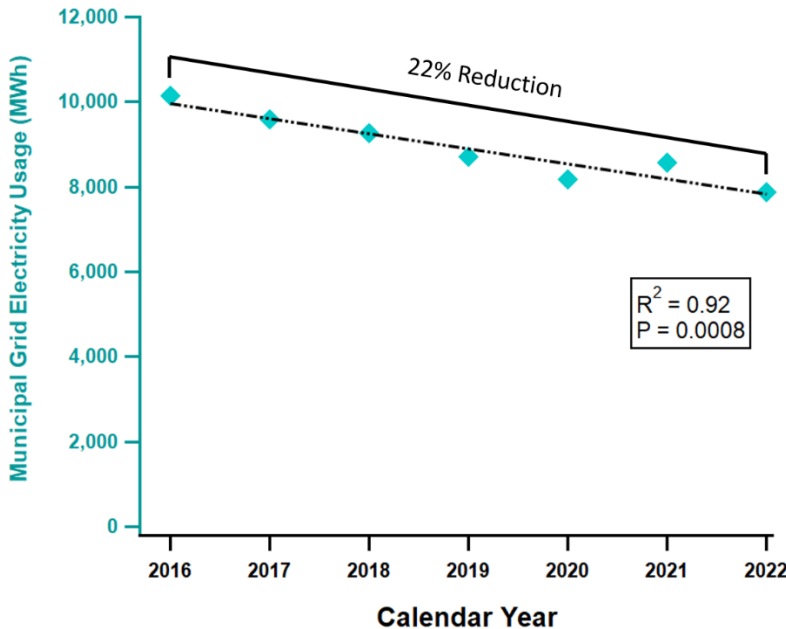
Related to this work, the cumulative municipal purchased electricity plot as a function of calendar year was expanded to include 2022.



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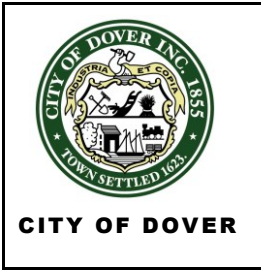
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As is highlighted in the figure, municipal purchased electricity consumption continued to decline in 2022 following the same linear trend as the prior six calendar years. There is a significant 22% reduction in consumption between 2016 and 2022.

### Demand Response / Load Curtailment Options

I've been coordinating with Community Services Director John Storer to explore options for the municipality to engage in demand response (DR) also referred to as load curtailment. At certain points in time the demand for electricity outpaces the grid's ability to supply it which in severe cases can lead to controlled blackouts dictated by ISO-NE. Instead of relying on backup generators to produce more energy at a high expense to consumers and the environment, ISO-NE will call on entities that have facilities with high demand to reduce that demand and receive compensation. I've been collaborating with the Massachusetts State Contractor for DR, CPower, who is currently preparing an initial DR feasibility assessment for the Ice Arena, WWTF, McConnell Center and River Street Pump Station using direct load profiles from Eversource. I'll share these results once they become available but recommend using an entity like CPower to assist the City with DR rather than trying to directly interface with ISO-NE. Participating in DR has a multitude of community benefits and the City Council will be briefed on the matter prior to any formal contractual arrangement with CPower.



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### Energy Efficiency and Conservation Block Grant Program

Here is a link to the recording of the DOE webinar with all of the details:

[https://www.youtube.com/watch?v=odhwiBay5\\_M](https://www.youtube.com/watch?v=odhwiBay5_M)

This program was also highlighted on pages 23 and 24 of the Citywide Resilience Plan.

To summarize, the City is slated to receive \$76,150 through a formula allocation as long as the City follows the necessary steps to receive the funds which include:

- ❖ Submission of a pre-award sheet by April 28, 2023.
- ❖ Development of an Energy Efficiency and Conservation Strategy using the DOE template for local governments.
- ❖ Selection of either a voucher or a traditional grant approach.
- ❖ Council authorization to receive the funding.

Grants require more reporting and corresponding administrative oversight but allow for increased flexibility for the use of the funds. Vouchers have much less administrative burden but are limited to use for either technical assistance services or equipment purchases and installation rebates. DOE recommended communities receiving under \$250k, i.e. Dover, to strongly consider the voucher option.

## 8. New Business

### A. Workgroup Ideas and Formation

We have an opportunity to be more proactive about our work, so we're creating work groups to focus on specific topics that can inform larger reports.

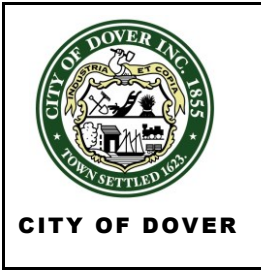
Mike Behrmann will submit a letter of resignation by end of next week regarding his membership on the Commission, however he is willing to serve as a citizen consultant to any of the workgroups.

There will be 4 work groups (and up to 3 people can meet per work group):

- 1. Community Power – B. Baber and J. Kaspari are leading, Q. Devine will support
- 2. New sources of Clean Energy/Solar – V. Lyon is leading, W. King & J. Turner are supporting.
  - o B. Baber recommended looking at suitable sites for solar and the group agreed that crafting an RFP is the easiest way to get information on sites, costs, permitting, etc.
- 3. Transportation – R. Ohler will lead and B. Baber will support
- 4. Net Zero/energy reduction – A. Lee will lead, S. Smith will support
  - o W. King raised the point that we need an updated GHG inventory
  - o J. Kaspari is hiring a Fellow for this upcoming summer
  - o A. Lee offered to conduct the GHG inventory with J. Kaspari's help with data collection so the Fellow can hit the ground running and work with the net zero WG to focus on Dover's reduction strategy.

J. Kaspari will serve as a resource but cannot be a member of any workgroups.

Leads are responsible for setting agendas and scheduling meetings; priority is to help support Jackson as best we can.



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Everyone will plan to have a one-hour meeting before the next meeting and report outcomes. Members are welcome to appropriately change the names of their workgroups if needed. J. Kaspari suggested adding working group updates to the rotating list of updates on the agenda – to be determined.

The objective of workgroups is to come up with concrete ideas and research that can support Dover's Citywide Resilience Plan and educate the public to reduce their impact.

### 9. Other Business / Member Comments

B. Baber noted that the topic of Community Power will be added to regular staff updates.

Dover's Electric Aggregation Plan was approved by the City Council and submitted to the Public Utilities Commission.

J. Kaspari was appointed as Dover's Member Director and B. Baber as the Alternate Director.

The first ordinance reading was held by the City Council that would allow for the addition of two Alternate Members to the Commission.

The Meeting was adjourned by unanimous consent at 7:02 pm.