

**AGENDA  
CHESHIRE ENERGY COMMISSION  
MONDAY, FEBRUARY 28, 2022, 7:00 PM  
Via Zoom**

*Public access made available through live streaming on YouTube at  
[https://www.youtube.com/channel/UC4\\_xey3QjJmwe57R\\_6K94Dw](https://www.youtube.com/channel/UC4_xey3QjJmwe57R_6K94Dw)*

*Public comments accepted at [Comments@cheshirect.org](mailto:Comments@cheshirect.org) and by voice mail message at 203 271-6638.  
Video will be available on Channel 14 and on demand at [www.cheshirect.org](http://www.cheshirect.org) as soon as possible*

**I. CALL TO ORDER**

**II. DETERMINATION OF QUORUM**

**III. PLEDGE OF ALLEGIANCE**

**IV. APPROVAL OF MINUTES**

A. January 31, 2022

**V. COMMUNICATIONS**

**VI. OLD BUSINESS**

A. Energy Efficiency Projects

1. CHP at Cheshire Community Pool - current operating rate
2. Bartlem Park concession stand – energy waste

B. Benchmarking

1. Energy Star Portfolio Manager – database input and maintenance
2. New municipal energy efficiency/cost savings opportunities

C. Publicity/Education/Outreach

1. News articles and letters to the editor

D. Clean Energy

1. Opportunities for additional solar car ports or PV arrays, charging stations

E. PBC Projects

1. Quinnipiac Park bathroom renovation project

F. Grants, Rebates, & Utility Programs

1. Early involvement of Eversource in all town building projects
2. Spreadsheet of important dates – programs and grants

G. Energy Reliability Program

1. Update on tree trimming

H. Coalition for Sustainable Cheshire

1. Benchmark and Track Energy Use - information for Silver Status for Sustainable CT

I. School Modernization – resources for high performance schools

**VII. NEW BUSINESS**

A. CT Residential Renewable Energy Solutions (RRES) - <https://www.eversource.com/content/ct-c/residential/about/doing-business-with-us/builders-contractors/interconnections/renewable-energy-solutions-interconnections>

B. Arrow of Light Den from Pack 114 - Cub Scout Merit Badge

C. Federal Support for EV Charging Stations Announced – CT allotment = \$7,771,342

SPECIAL MEETING  
CHESHIRE ENERGY COMMISSION  
MEETING MINUTES - January 31, 2022  
(Rescheduled from January 24, 2022)  
VIRTUAL ZOOM

**I. CALL TO ORDER**

Chairman Ogurick called the meeting to order at 7:04 PM.

**II. DETERMINATION OF QUORUM**

A quorum was present.

**Commission Members Present:** Richard Ogurick (Chairman), Dan Knudsen, Walter Gayeski, Ryan O'Grady, David Gavin, Chris Smith,

**Staff Present:** Daniel Bombero, Capital Projects Manager

**Others Present:** David Veleber, Town Council, Attorney Paul Michaud, Michaud Law Group, Dean Fiske, Ravenswood Construction LLC.

**III. PLEDGE OF ALLEGIANCE**

All present pledged allegiance to the flag of the United States of America.

Councilman Veleber, Mr. Fiske from Ravenswood Construction, and Attorney Michaud were introduced to the group and item D. under "VII. New Business" was addressed first.

**IV. APPROVAL OF MINUTES**

A. December 1, 2021 Minutes (Special Meeting Rescheduled from 11/29/21)

**MOTION** by Mr. Gavin to approve the Meeting Minutes from December 1, 2021.

**SECONDED** by Mr. Knudsen.

**VOTE** unanimous by all those present and voting.

**V. COMMUNICATIONS**

Mr. Ogurick shared that he received an email from Joan Shechem who expressed that she is not in support of combining the Energy Commission with the Environmental Commission. Chairman Ogurick also shared that he received an email from Matt Planeta, Arrow of Light Den Leader from Pack 114 out of Highland School. Mr. Planeta requested the help of the Commission to provide information about the causes of an energy problem within the community. Mr. Ogurick will invite the Den Leader to join the February Meeting.

## **VI. OLD BUSINESS**

### **A. Energy Efficiency Projects**

#### **1. I Heart My Home - update**

Mr. Knudsen had no new updates to report.

#### **2. CHP system at Cheshire Community Pool – 2021 average operating rate=59%**

Mr. Gavin shared his pool energy analysis (attached) with the group and a discussion ensued. Mr. Gavin would like to see the unit operate better than 90% in order to optimize energy savings. He also shared that he believes that the Commission should request that UCONN update the data in the energy portfolio manager. Mr. Ogurick said that he and Mr. Gavin would discuss the matter at a later date. Mr. Bombero shared that Aegis Energy maintains and operates the equipment at the pool and he will follow up with Sheila Adams, Pool Director, to possibly provide an explanation for the 59% average operating rate of the Cogen Unit.

#### **3. Bartlem Park Concession Stand**

This item was not discussed.

### **B. Benchmarking**

#### **1. Energy Star Portfolio Manager – database maintenance**

This item was discussed under VI. 2. Mr. Gavin requested that the commission reach out to UCONN to update and edit the database. There was also a brief discussion about which commission member had been designated to input #2 heating oil into the system. Mr. Smith was determined to be the designee. Mr. Ogurick stated he would have a discussion about the matter with Mr. Gavin at a later date.

#### **2. New municipal energy efficiency/cost savings opportunities.**

There were no new updates.

### **C. Publicity/Education/Outreach**

#### **1. News articles and letters to the editor**

No news articles or letters to the editor were shared.

### **D. Clean Energy**

#### **1. Opportunities for additional solar car ports or PV Arrays**

After a brief discussion, the group concluded that Mr. Gavin and Mr. Smith will continue to use the portfolio manager to identify opportunities. Mr. Ogurick pointed

out that "Virtual Net Metering" presented earlier by Attorney Michaud serves as a clean energy project for the Town to consider.

2. Build Back Better legislation has a provision for "direct pay" incentives for solar for municipalities and other entities that don't benefit from a tax credit and prefer not to or can't use a PPA.

Mr. Ogurick shared that he got this agenda item from a Google Group that he is affiliated with. Chairman Ogurick pointed out that if this statement is true, it may be related to Attorney Michaud's earlier presentation. There was no further discussion on this item.

#### **E. PBC Projects**

1. Quinnipiac Park Bathroom renovation project

Mr. Bombero reported that he forwarded the responses from the architect to the Commission members. The construction phase of the project will most likely be bid in the early spring of 2022. Mr. Bombero commented that much will be dependent on the availability of materials. The group discussed the structure and Mr. Bombero explained that this will be a seasonal building with a roof that is not insulated. Mr. Ogurick made a comment that the lights and fans are on a switch and he would like to see the lights on a sensor. Mr. Bombero concurred that this is a good suggestion, and he would bring it to the Public Building Commission for their consideration.

#### **F. Grants, Rebates & Utility Programs**

1. Early Involvement of Eversource in all Town building projects

This item was not discussed.

2. Spreadsheet of important dates -programs and grants

This item was not discussed.

#### **G. Energy Reliability Program**

1. Update on tree trimming

Mr. Bombero will provide an Eversource schedule to the group. When asked if there were any drastic impacts from the recent winter storm, including any power outages, Mr. Bombero reported that there were no impacts to report.

## **H. Coalition for Sustainable Cheshire**

### **1. Action Item 7.1- Benchmark and Track Energy Use-submit materials for next round for Sustainable CT**

Ms. Pearson is interested in the Portfolio Manager. Mr. Knudsen agreed to reach out to Ms. Pearson to determine what she needs in order to track energy usage so that Sustainable CT is able to achieve their goal of Silver Status.

## **I. School Modernization**

Mr. Ogurick stated that this item is intended to be a place holder until the School Modernization Project is further along. Chairman Ogurick commented that Councilman Slocum had told him that it is premature for the commission to meet with Colliers.

## **VII. NEW BUSINESS**

### **A. Energy Commission reappoints (Gayeski, O'Grady)**

Chairman Ogurick expressed gratitude for the service of Mr. Gayeski and Mr. O'Grady on the Commission.

### **B. Cheshire Housing Authority – backup generator for Beachport; solar for 44 units on South Main Street**

Mr. Gayeski agreed to contact Lou Nero to discuss the Residential Renewable Energy Program. Mr. Veleber added that the backup generator is planned to be used to fuel a warming center in the main building at Beachport. This community area would serve as a warming station and medications could be kept cold in the refrigerator, should Beachport lose power.

### **C. Reversible Central Air Conditioning-\$300 to \$500 incremental cost for heat pumps**

The group discussed that the two new elementary schools, which are planned to be constructed as part of the School Modernization initiative, will have air conditioning in them. The commission would like Reversible Central Air Conditioning as well as other energy saving options to be considered when designing these buildings. Mr. Ogurick shared that he has been in touch with Tim White from the Board of Education and the Town Council to encourage them to consider constructing Net Zero schools. He shared that the initial costs may be higher, however, the life cycle costs are lower. Chairman Ogurick would like to ensure that the recommendations of the Energy Commission are heard and taken into consideration.

**D. Virtual Net Metering – David Veleber, Dean Fiske**

Mr. Fiske introduced Mr. Michaud, Energy Attorney who presented to the group. He presented the SAM (State, Agriculture, Municipalities) Bill Credit Auction to the commission (presentation attached). The program presented to the commission assists towns in securing electric bill savings for 20 years (energy and delivery charges) with utility providers. The group asked several questions about the program. At the conclusion of the presentation and question/answer session, Chairman Ogurick requested that Mr. Michaud provide additional information to the Commission. Attorney Michaud agreed.

**E. Solar Roof Lease program- <https://www.ctgreenbank.com/wp-content/uploads/2022/01/CGB-solar-roof-lease-1-20-2022.pdf>**

Mr. Bombero agreed to reach out to Andrew Martelli, Economic Developer for the Town of Cheshire, to see if he could advertise the Solar Roof Lease Program to local businesses.

**VIII. ADJOURNMENT**

A motion to adjourn was made by Mr. Gavin, seconded by Mr. Gayeski and the meeting was adjourned at 8:56 PM.

**ATTEST**



Anne McBain, Acting Secretary

**McBain, Anne**

## VI. A. 2. Cogen Unit Community Pool

**From:** David Gavin <david.gavin@frontier.cor>  
**Sent:** Saturday, January 15, 2022 3:44 PM  
**To:** Chrissmithct@gmail.com; danknudsenct@gmail.com; Bombero, Daniel J.; Ryan064@hotmail.com; weg600@cox.net; ogurick@aol.com; McBain, Anne  
**Subject:** cogen at pool 2021 monthly operating rates

below is % operating rate at pool we only save energy and \$ when operating at above 90%. note some + 100% values- these represent more that 30.33 day periods. we need to understand the low rate months and how to optimize and give priority to the cogenerator verses the main boiler heating. we also get a lower gas cost rate for cogen

<b>cogen performance past year 2021</b>				
<b>start date</b>	<b>end date</b>	<b>ccf (hundred cubic feet)</b>	<b>Total Cost (\$)</b>	<b>% running</b>
12/22/20	1/31/21	811	486.12	28.4
1/31/21	2/28/21	408	265.09	14.3
2/28/21	3/31/21	593	361.9	20.8
3/31/21	4/30/21	555	339.76	19.4
4/30/21	5/31/21	2,135	1,167.21	74.8
5/31/21	6/30/21	2,764	1,500.02	96.8
6/30/21	7/31/21	2,135	1,181.30	74.8
7/31/21	8/31/21	2,876	1,590.22	100.8
8/31/21	9/30/21	2,821	1,739.62	98.8
9/30/21	10/31/21	2,993	1,962.14	105
10/31/21	11/30/21	1,383	956.97	48.5
11/30/21	12/31/21	885	639	31.0
<b>total</b>		<b>20359</b>		
<b>month ave/past yr.</b>		<b>1697</b>	<b>12189</b>	<b>713.3</b>
<b>ave cost\$</b>			<b>0.60</b>	
	<b>mon. ave%</b>	<b>59.4</b>		
	<b>100%/month</b>	<b>2854</b>		



# **State, Agriculture, Municipalities**

## **SAM Bill Credit Auction**

**2022**

## **SAM Host Auction**

- SAM Host adopts one or more remote solar systems to be submitted into the SAM Auction. If the solar system wins the auction, the Sam Host will secure electric bill savings (generation and delivery charge) for 20 years.
- SAM Host is guaranteed 20% electric bill savings on the generation portion of the bill (plus an 80%/60%/40% distribution charge discount) for the Beneficial Accounts for 20 years.
- The remote solar system(s) do not need to be located on the SAM Host property per se but are subject to a site control or similar agreement.
- Sam Host's current and future electricity purchasing arrangements with Eversource, UI, and competitive electricity suppliers do not change.
- By adopting the remote solar system, the SAM Host will be helping to achieve its clean energy goals!



## **Beneficial Accounts and Electric Bill Credits**

- SAM Host is allowed up to five Beneficial Accounts per solar/fuel cell system meter. Towns are allowed to aggregate all accounts.
- SAM Beneficial Accounts include schools, city hall, police stations, fire stations, community centers, senior centers, libraries, water treatment plants, street lighting, etc., and any state facilities.
- SAM electric bill credits plus the delivery charge reduction are applied to the SAM Host Beneficial Accounts each month and are based on the remote solar system's monthly power production (kWh).
- SAM Host will save 20% on the Beneficial Accounts' electric bills (generation portion) plus distribution charge discounts at 80%/60%/40% for 20 years.



## Examples of Past and Existing VNM Bill Credit Projects

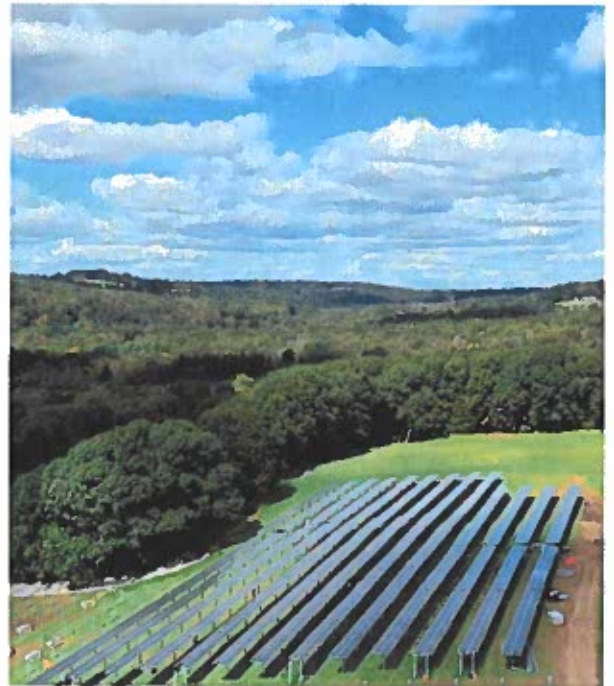
PROJECT	SIZE	PRODUCTION	Savings 1 <sup>st</sup> Year	Savings 20 Years
Bristol	1.2 MW	1,200,000	\$91,332	\$1,955,813
Putnam	1.2 MW	1,200,000	\$91,332	\$1,955,813
Bethlehem 1	1.2 MW	1,200,000	\$91,332	\$1,955,813
Bethlehem 2	1.2 MW	1,200,000	\$91,332	\$1,955,813

**Bristol, CT**



MLG | **MICHAUD**  
RENEWABLE ENERGY LAW IS OUR BUSINESS **LAWGROUP**

**Bethlehem, CT**



**Putnam, CT**



## **SAM Auction - Next Steps**

- SAM Host executes the SAM Auction Agreement
- SAM Host signs the Eversource or UI Beneficial Account Certification Form
- SAM Host completes the Eversource or UI Beneficial Account listing form.
- The remote solar system(s) are bid into the SAM Auction.
- If the solar system wins the Sam auction, the solar system is constructed.
- At the solar system commercial operation date, the SAM Host will start to receive credits and delivery charge reductions for the Beneficial Accounts on the monthly Eversource or UI electric bills.





# Questions?

MLG | **MICHAUD**  
RENEWABLE ENERGY LAW IS OUR BUSINESS **LAWGROUP**

