

CHESHIRE ENERGY COMMISSION MINUTES  
MONDAY, NOVEMBER 25, 2019

I. CALL TO ORDER

The meeting was called to order at 7 pm by Chairman Ogurick.

II. DETERMINATION OF QUORUM

**Commissioners Present**

Richard Ogurick

Paul Michalowski

David Gavin

Walter Gayeski

Daniel Knudsen

**Commissioners Absent**

Timothy White

Don Nidoh

**Staff Present**

Walter Gancarz

A quorum was determined to be present.

III. PLEDGE OF ALLEGIANCE

All present pledged allegiance to the flag.

IV. APPROVAL OF MINUTES

A. September 30, 2019 – Regular Meeting

**MOTION** by David Gavin to accept the minutes with corrections.

**SECOND** by Daniel Knudsen and opened for discussion.

**VOTE** The motion was passed unanimously 5-0.

II. Paul Michalowski

VI. A. 1. The *cogeneration unit* is running...

... 1462 therms of heat energy *this month* which would bring the cost down to *5 cents per kWh*...

...are floating *25 through 28 cents per kWh* which would...

VI. A. 3. ...was the wrong *temperature/color* and the company...

...audits *starting* on Wednesday...

...fixtures were *modified* for controls....

VI. A. 4. ...and sensors turn the *pole* lights on at dusk...

VI. C. 3. ...by Mr. Michalowski...

VI. D. 2. ...*Schools currently purchase supply from Constellation for 7 cents per kWh*...

VIII. ...by Paul Michalowski to...

B. October 28, 2019 - Regular Meeting (No Quorum)

**MOTION** by Paul Michalowski to accept the minutes as is.

**SECOND** by David Gavin.

**VOTE** The motion was passed unanimously 5-0.

V. COMMUNICATIONS

Nothing New

VI. OLD BUSINESS

## CHESHIRE ENERGY COMMISSION MINUTES

### A. Energy Efficiency Projects

#### 1. Community pool – CHP monitoring update

David Gavin supplied a summary which concluded that compared to September and October of last year the facility has decreased on grid kWh by 61%. The unit continues to perform better than expected. The approximately 22% decrease in gas usage through the main meter is consistent with the heat generated and delivered to the main boiler whose consumption is expected to increase as the cold weather requires heating throughout the facility. Walter Gayeski thanked Mr. Gavin for his work with the community pool cogeneration unit data.

#### 2. Bus Depot – energy efficiency opportunities for new trailer and equipment

The Cheshire Public Schools Facility Manager sent an update via email with the trailer specifications and advised the Commission that a permit application with the Building Inspections Department is in the works. He has sent his concerns regarding lack of LED lighting, HVAC heat loss calculations and Building Automation and Controls network to the designer of record. David Gavin noted no LED in plans. Walter Gayeski noted 9 tons of air conditioning is excessive. Why has a heat pump not been considered when ducted heat pumps are available? Why no stand-alone EMS? The floor does not appear to have adequate insulation compared to values for the rest of the construction.

#### 3. Dodd & Highland Schools – status of the JK Energy Solutions energy analyses Nothing new

#### 4. Highland School – status of “Government Freezer” project The demolition is complete. Space dimension verification have generated new drawings and approval requirements. Panel delivery is anticipated 4-6 weeks post approval.

#### 5. MaClary Athletic Complex – new lighting is needed; LED options A request for proposal will be developed over the winter. When bulbs were replaced on November 19<sup>th</sup>, at least a dozen fixtures have water penetrating their housing which means the all-weather capability is compromised.

### B. Benchmarking

#### 1. Energy Star Portfolio Manager – status of database update, UCONN to handle setup of town portfolios Nothing new.

### C. Publicity/Education/Outreach

#### 1. News articles and letters to the editor Paul Michalowski supplied “CHESHIRE ENERGY COMMISSION: Panel pushes for towns to buy bulk power” *The Record-Journal*, November 17, 2019 which was positive about Community Choice Aggregation.

#### 2. Community Choice Aggregation (CCA) – Webinars on 10/29/19, and 11/14/19; status of resolution and resolution template; article in The Cheshire Herald The webinars touched on some very complicated issues. Mr. Ogurick felt the first presentation was excellent, but the second presentation needed work. Mr. Ogurick was looking for more clarity to be able to present Community Choice Aggregation more easily. Mr. Gayeski feels that the individual control aspect of the CCA is the best selling point. Mr. Ogurick found a list of at least 40 electricity suppliers and a list of complaints. Town Council requested another visit from Daniel Knudsen. They make their legislative recommendations in December and January. Mr. Ogurick requested that Daniel Knudsen condense the resolution to 2-3 paragraphs.

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### D. Clean Energy

1. Greenskies 100 kW solar carport at Cheshire Police Station — status of project  
The building department inspection is scheduled for Wednesday, November 27, 2019 between 9:30 and 11:30 am. When approved, the inspector will transmit the completed work order number to Eversource.

2. Solar Virtual Net Metering Project Opportunity – Verogy  
Nothing new.

### E. PBC Projects

Nothing new.

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

1. Early involvement of Eversource in all town building projects  
Nothing new.

### G. Energy Reliability Program – update on tree trimming

Standard maintenance and circuit trimming of trees begins Monday on 20 miles from Southington through Cheshire from Peck Lane to Mountain Road and Mount Sanford Road into Hamden. Asplundh anticipates 11 crews working for one month. The Department of Public Works and Engineering will work with Asplundh to post town trees after written consent is received from the nearest property owner.

## VII. NEW BUSINESS

**MOTION** by David Gavin to add to agenda for Aegis to visit Cheshire High School to evaluate the feasibility of a Cogeneration Unit there.

**SECOND** by Walter Gayeski and opened for discussion.

**VOTE** The motion passed unanimously 5-0.

#### A. Aegis to visit Cheshire High School to evaluate the feasibility of a Cogeneration Unit there

David Gavin gave Aegis 2018 & 2019 reports from Energy Star. Approximately 1.5 kWh were used. Meter information from the Finance Department has been received and the numbers don't correlate properly. Meters may be being paid for and not being used. Mr. Gancarz will research. Mr. Gayeski thanked Mr. Gavin for his work on the databases.

#### B. HVAC improvements at Highland and new boilers at Doolittle:

##### 1. consider Variable Refrigerant Flow (VRF) Heat Pump Systems

CPS Facility Manager email advised that Highland School is limited to boiler replacement. Specifications for new condensing boilers are being considered by the Board of Education. Clarification is required as to which boiler this is at Highland School. The facility manager advised that a bid would need to go out for Doolittle for professional services. Dan Knudsen questioned if Doolittle had been evaluated for suitability of a geothermal system. Will the professional services compare VRF to a conventional boiler?

##### 2. consider Phase II of ESPC – Ameresco has the schematic designs for those measures - save time and money on the design/build process and further buy down the cost with the additional utility incentives and energy savings

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Nothing new

C. School Modernization Committee to explore options to upgrade all of the schools in town

The committee consists of 13 members. The Energy Commission wants to reach out to Peter Talbot so we might be apprised of any energy efficiency opportunities in the school modernization project.

D. Meeting dates for 2020

**MOTION** by Walter Gayeski to accept the meeting dates with the correction to the 18<sup>th</sup> of May.

**SECOND** by David Gavin.

**VOTE** The motion passed unanimously 5-0.

**VIII. ADJOURNMENT**

**MOTION** by David Gavin to adjourn at 8:50 pm.

**SECONDED** by Paul Michalowski.

**VOTE** The motion was passed unanimously 5-0.

Attest



Michelle Anastasio clerk