

**CHESHIRE ENERGY COMMISSION  
REGULAR MEETING MINUTES  
Monday, October 29, 2017, 7:00 PM  
TOWN HALL - 84 SOUTH MAIN STREET (Room 207)**

**Commissioners Present:** Chairman Rich Ogurick  
David Gavin  
Stephanie Hickok  
Tim White  
Walter Gayeski

**Commissioners Absent:** Paul Michalowski  
Carol Doheny

**Others Present:** Walter Gancarz, Town Engineer  
Rich Clavet, Cheshire Public Schools  
Dawn Guite, Interim Recording Secretary

**I. CALL TO ORDER:** Chairman Ogurick called the meeting to order at 7:00 p.m.

## **II. DETERMINATION OF QUORUM**

A quorum was present for the meeting.

## **III. PLEDGE OF ALLEGIANCE**

All present recited the Pledge of Allegiance.

## **IV. APPROVAL OF MINUTES**

### **A. September 24, 2018 – Regular Meeting**

Commissioner Gavin made a motion to accept the minutes as amended for September 24, 2018. Motion was seconded by Commissioner White and approved unanimously.

Corrections noted:

- 1) Page 1, Others Present  
Karen Gills; misspelled. Should be: **Gill**
  
- 2) Page 3, VI Old Business, PBC Project  
Should read as: **PBC Projects**
  
- 3) Page 4, Adjournment  
As Chairman, Mr. Ogurick cannot make the motion. Rather, a commissioner does.  
Change to: **Commissioner Gavin**

## **V. COMMUNICATIONS**

There was nothing to report.

## VI. OLD BUSINESS

### A. Energy Efficiency Projects

#### 1. Town-wide ESPC project – new furnace at Youth Center

Douglas Mechanical, the contractor, will be at the Youth Center on November 13 from 7:00 a.m. – 4:00 p.m. to install the new furnace. Work will extend to November 14 (if needed). Mr. Gancarz will have someone available to open the Youth Center at 7:00 a.m. No special requirements need to be addressed for the installation. The permit is in place. Chairman Ogurick will discuss project interfacing with Peter Coombs at Ameresco.

#### 2. Potential Phase 2 of ESPC project – Ameresco survey of buildings

Discussion of Phase 2 of ESPC project will be tabled for further discussion per email from Jim Daylor at Ameresco. It is unlikely that the project will go forward given the small number of potential projects. Upgrades will go forward as data continues to be reviewed.

#### 3. Community pool – status of CHP project

Mr. Gancarz said that the Town Council has approved the project, The purchase order has been issued, and the contract has been signed. Aegis contacted Mr. Gancarz today (10/29/18) for additional information. Project is stated to begin Q1 2019.

A discussion took place regarding the Town Council and providing a discussion of energy projects and their impact so that the Council has a better understanding of energy savings, the Commission's high points and successes. Mr. Gancarz will put together a draft to be discussed at the meeting in November.

#### 4. Dodd and Doolittle gymnasium lighting – convert to LED

Mr. Clavet from Cheshire Public Schools said that 95% of the project is complete at Dodd. Lights have to be tweaked because they are very bright especially near basketball back boards. At Doolittle additional components have been purchased for mounting hardware and everything is in place for work to begin. Work will begin when lighting conversion is completed at Dodd.

#### 5. Bus Depot – LED exterior lighting

Exterior LED lighting has been completed. Six 85 watt units (500 lumination with 5,000 temp.) replaced what was existing. The new units are on timers. Lights stay on all night for security.

#### 6. Year 1 Capital Plan – BMS improvements at CHS; LED stadium lighting

Mr. Gancarz stated that under the five-year capital plan, year one education received \$100,000 which will be allocated towards building management system equipment replacement at Cheshire High School and in year two (July 2019), another \$100,000 towards stadium lighting.

#### B. Benchmarking

1. Energy Star Portfolio Manager – ENERGY STAR rating for all Cheshire Buildings

There was nothing to report.

#### C. Publicity/Education Outreach

1. News articles and letters to the editor

There was nothing to report.

2. Energy Achiever Awards - presentations

Bozuttos and Ralo Properties of CT, LLC are the candidates discussed to receive this award. Presentations will be given at the Town Council meeting on Tuesday, November 13<sup>th</sup>.

3. Fall Festival – plans for 2019; theme, banner

There was a discussion about ways to improve for next year. This matter is on the agenda as a standing item. Mr. Gancarz will speak with Jerry Sitko about the Energy Commission banner. Mr. Gayeski said that a theme should be introduced along with a banner. The previous banner cannot be found.

A brief discussion took place on naming rights which will be tabled.

4. Best Net Zero Houses – subcommittee report

A subcommittee has been formed consisting of Carol Doheny, David Gavin, and Walter Gayeski. Members of the subcommittee will communicate on this at monthly meetings. Chairman Ogurick will keep it on the agenda as a standing item.

#### D. Clean Energy

1. 100 kW solar carport at Cheshire Police Station - status

Forty parking spaces behind the Cheshire Police Department are proposed which will be covered with a solar carport to protect vehicles from the weather. The Town Council approved a solar power and service agreement between Greenskies Renewable Energy LLC, and the town for the installation. Planning and Zoning needs to give approval for the site. Tidying

up of electrical components will be completed prior to Planning and Zoning approval. Installation date is slated for April 2019. It was suggested that carport installation be considered at the schools.

## 2. *Solarize Cheshire* – program update

There were a total of 72 leads, 38 site visits and 14 contracts signed.

## E. PBC Projects

Mr. Clavet reported that a CO2 system is being implemented at the high school library for dehumidification. It will balance/economize air intake during cold weather. It will be a rooftop system added to the building automation system for better monitoring. The system was designed by a hired mechanical engineer for a relatively inexpensive price. Mr. Clavet had SNE program a one click button for Dodd, Highland and the High School which have significant air conditioning during the summer. Dampers at zero will open when PBM level is reached and CO2 will kick in. When CO2 is reduced; dampers will close again. Because there is not enough load to handle this process with air conditioning, it will be handled with heat. 20 kilowatt electric heaters will be installed in ducts and reported to Ameresco. There is no heat load in the summer months at the library.

ISO Northeast gives notification 24 hours prior and the morning of - when system shutdowns will occur.

Mr. Clavet said that an Eversource program audit is scheduled on November 6. The program utilizes the existing electric bill; example: burned 25,000 kilowatt in the course of a month districtwide. Audit will be done to identify opportunities for energy savings. Electric bill will not be based on the 25,000 monthly output. It will be based on 20,000 with 5,000 kilowatt savings going toward capitalization of the improvements until kilowatt is paid off.

## F. Grants, Rebates, & Utility Programs

### 1. Early involvement of Eversource in all town building projects

There was nothing to discuss.

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

Mr. Gancarz stated that tree trimming will resume to complete a three-mile stretch of road by the end of 2018.

## VII. NEW BUSINESS

### A. Richard Chevrolet – solar, charging stations

Richard Chevrolet will be installing 2 charging stations and solar panels.

### B. NET-ZERO Energy Schools – life cycle cost analysis; ductless air source heat pumps

Chairman Ogurick discussed activity that has taken place at towns in the state based on information found on Google Groups:

Madison is gutting the library and adding an addition that will double the current size. The Building Committee, after discussing energy conservation measures, “settled on a ground source heat pump system to heat and cool the new building”.

Manchester is planning a major renovation to three elementary schools and is looking at triple glazed windows, dimmable lighting, daylight harvesting controls, and occupancy sensors. It is considering air source heat pumps; which are cheaper than ground source installation.

Waterford has converted all town buildings to ground source heat pumps.

Windham is starting to renovate and hired an architect to scale back the design based on \$112M to an \$80M project while maintaining energy efficiency content

### C. Electrifying municipal fleets – <https://driveevfleets.org/>; one-stop for group purchases

*Provided for information.*

## ADJOURNMENT

**MOTION** by Mr. White to adjourn at 8:30 p.m.

**SECONDED** by Ms. Hickok and passed unanimously by all those present and voting.

Attest,

*Dawn Guite*

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Dawn Guite, Interim Recording Secretary