

Cheshire Energy Commission
 Monday, August 25, 2014 at 7:00 p.m.
 Room 210, Town Hall, 84 South Main Street

MINUTES

Commissioners Present: Chairman Rich Ogurick
 Paul Michalowski
 Phil Newton
 Carol Wilson
 Walter Gayeski
 Joseph Nesdale

Commissioners Absent: David Gavin

Staff Present: Walter Gancarz

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 - July 28, 2014 – Regular Meeting

Correction to the minutes is on Page 5 Section 4 first sentence. Stephen Tracey is misspelled. Correct spelling is Treacy.

Chairman Ogurick made a motion to accept the minutes as amended. Motion was seconded by Mr. Gayeski and approved unanimously.

V. COMMUNICATIONS There were no communications to the Energy Commission.

VI. OLD BUSINESS

- A. Energy Efficiency Projects
 1. Town-wide ESPC project – update

Mr. Gancarz reported that 45% of the project is completed focusing on the schools and Mr. Frank Biancur, who oversees the Ameresco work, gave an update on the schools. Where Mr. Goncarz states 45% completion, Frank believes that it is 38%.

High School – 486 lights installed and programmed (project completed)

Norton – 356 lights installed and programmed (project completed)

Chapman, Darcey, Dodd, Doolittle, and Highland where given in this order for completion.

Doolittle will take 1-1/2 months to complete.

Highland is being done late because hot air heat is being installed. The ductwork needs to be taken down and this has to be completed before the lighting is installed. 3 Trane units will be installed on the roof on Tuesday, August 26th. These are gas heating and cooling units. Highland will be completed by June, 2015.

The lighting is LED technology which saves energy and kilowatt hours. Every classroom programmed from 7:00am – 5:00pm, the lighting is on at 60%. If you leave the classroom within one minute the percentage is reduced to 20%. When you walk back into the classroom it returns to 60%. After 5:00pm the lights are out but if you return to the classroom it will go on to 60%. When you leave the classroom, the lighting is completely off. The school hallways are programmed at 70% and after 2 minutes it is reduced to 20% for each light that is passed. 2 x 4 LED lights installed in the cafeteria are so bright that they were programmed down to 50%.

Chairman Ogurick asked if there were any comments made regarding the appearance of the lighting to which Frank replied that all of the teachers are happy with it. He further commented that two 16 ft. runs of LED's are a great improvement.

At the High School, the new Trane unit installed near the guidance offices will be started up on Tuesday, August 26th. The unit near the west gym floor has been running constantly for a week to coincide with the installation of the new floor. The project is 1-1/2 weeks behind schedule and is scheduled for completion for the first week in October.

Weather-stripping has been completed 100% at the schools and insulation of the pipes will be done after 3:00pm when school is dismissed. This is near completion.

At Dodd the building management system is being rewired and all ventilation will be computerized. 2 new gas boilers were installed.

Hot water will be installed at the Youth Center and the chiller will be replaced at Town Hall along with a new boiler.

2. Community pool energy efficiency

Mr. Gancarz reported that Horizon has been hired and is working on the design. Approval from Planning and Zoning should be granted by mid-October. The Energy Commission believes that the pool should be insulated and that it should not be an option. Previous minutes are confusing in that it is stated that there will not be insulation. The pool energy efficiency was a primary concern and the bubble was not a good option. It did not have good insulation value. A permanent structure should have insulation and should not be questioned. The fear of going over budget is pennywise and pound foolish. The message needs to be conveyed that the pool should be built with the best energy saving technology.

To communicate this the minutes should state that the Energy Commission advises that the Town Council incorporate energy efficiency into the pool design to the greatest extent possible including lighting, insulation and that the life cycle costs will bear out. Minutes should also state that the cost will not reach \$3.2M and that excess funds should be used for energy because it is going to cost \$60-70K more without energy improvements in that structure.

B. Benchmarking

1. Energy Star Portfolio Manager – status of Ameresco's database update.

As of Friday, August 22nd, Zach Walsh from Ameresco reported that portfolio management is complete with all utility data including the gas pipe. Everything up to June 2014 is completed. Mr. Gancarz will determine what the energy star rating is (what the points are) so that the best determination can be made. Question was raised as to whether history should be deleted prior to 2009 to increase the rating. Interest should be placed on what the rating is now to establish a baseline and hopefully increase the rating.

Mr. Ogurick asked who will keep the portfolio up-to-date. There will need to be a benchmark going forward and Ameresco should handle the updates. Mr. Gancarz will talk to Mr. Walsh. There is an assumption that with the completion of the portfolio management, Mr. Walsh's work is completed. To gage performance, Ameresco should be making the updates.

C. Publicity/Education/Outreach

1. News articles and letters to the editor.

There were no articles and letters to the Energy Commission.

2. Outstanding Energy Achiever award – status

Ms. Wilson will abdicate this responsibility to Mr. Newton as she does not have the time to do it. \$100.00 will be used to purchase the award whether it be a wall plaque or something else. The award should be presented in October which is National Energy Month. The teacher coordinators at the schools will be contacted so that they can deal directly with the teachers that they support so that students complete artwork this month.

D. Clean Energy

C-PACE – opt. in; outreach plan

Planning committee needs to get geared up. The council planning committee is meeting on Tuesday, August 26th. C-PACE, Electrical Charging Station and Landfill are all on the agenda. LED lighting needs to be addressed because there has yet to be a program in place.

Chairman Ogurick made a motion to add LED lighting to the Council Planning Committee Meeting Agenda. Ms. Wilson seconded the motion which passed unanimously.

Solarize merits – controversy

Google distribution emails have gone back and forth with a contract who is very upset with the solarized program stating that it is a bade use of state money to subsidize the program. Cheshire is impacted only because it participated in what now has become a big controversial subject. Chairman Ogurick located the letter from Bruce Angeloszek which states that solarization promotes bad industry practices to where contractors minimize needs and opt for equipment that is most cost effectively installed rather than addressing necessary issues. While Cheshire has had good results with solarization, the question remains as to whether or not it will come back to haunt.

E. PBC Projects

The projects that should be reviewed for energy efficiency are the locker room, which is going to referendum, and the linear trail. Installation of bathrooms at the linear trail should be done in an energy efficient manner with solarized roof positioned in a direction

which accesses the best efficiency. This project is also considering composting the toilets. This is on the agenda for the meeting on August 26th.

F. Grants, Rebates, & Utility Programs

1. Bright Idea Grant – execute contract

The contract is executed to determine how the money will be used. The Town Council signed off on this in February. The \$10K will be applied to the charging stations. If the Planning Commission approves, the application can be sent on Wednesday, August 27th. Mr. Gancarz met with his counterpart in Madison where their dual charging system cost \$20K. Mr. Ogurick mentioned that the Energy Commission is on a few points away from getting a second \$10K grant. Mr. Gancarz will get data from his counterpart on how much the charging system is used. Suggestions were made as to an appropriate place for the charging stations to be placed. The best suggestion was at the Town Library which is the energy awareness location for the town. There is rarely a time when all parking spots at the library are taken. The library also presents a regulation of public presence depicting specific hours of operation.

Mr. Gancarz made a motion that the electrical charging station be located at the Library parking lot. Ms. Wilson seconded the motion which carried unanimously.

2. Community Innovations Grant – need to demonstrate a need for the balance of funding by October 10, or the dollars will be forfeited.

\$2,928.60 balance remains and that it will be used toward C-PACE. The Town Council must adopt this and it will have a positive impact if it is recommended to the Council at the meeting on August 26th.

G. CL&P Energy Reliability Program – update on tree trimming

7-8 miles in Cheshire remain to be completed in a minimum of 2 months. Asplundh Tree Service has been hired to complete the work as the previous contractor was terminated due to a recent accident.

VII. NEW BUSINESS

A. EV Day at the State Capitol – September 18, 2014

Chairman Ogurick invited the Commission members to attend the event and become informed about new electrical vehicles.

ADJOURNMENT

Motion made by Chairman Ogurick to adjourn the meeting at 8:25pm.

Minutes typed and submitted this day, September 2, 2014 by Dawn Guite, Recording Secretary.

Dawn Guite