

THESE MINUTES ARE SUBJECT TO APPROVAL BY THE SUSTAINABLE ENERGY
COMMISSION

The Sustainable Energy Commission held a regular meeting Thursday, August 15, 2019 in shared meeting room 3 of the Municipal Center located at 3 Primrose Street, Newtown, CT 6470.

The meeting was called to order by Chairman Kathy Quinn at 7:00p.m.

Present: Chairman Kathy Quinn, Allen Adriani , Barbara Donahue, Mark Sievel

Also Present: Fred Hurley, Chuck Litty

Absent: George Brown, Tom Snyad, Dave Stout, Vanessa Villamil

Communications: The annual Sustainable Energy Commission presentation to the Board of Selectmen will be October 21. Titan Energy out of Rocky Hill submitted a summary of their services (att.) A. Adriani asked about #4, B. Donahue asked what software is used to analyze the data. K. Quinn will forward the original information which has more detailed. Mr. Hurley reported the there is a legitimate concern that Eversource will continue to increase the demand side of bills, which will effect commercial/industrial more than residential. There will be changes in the rate structure. Mr. Hurley shared information on Juice Bar EV charging stations. They will put a plan together on how to move forward. A program will include the infrastructure, installation, pedestal and wiring to set up charging stations. Some of the funding source is the VW settlement. The program will be announced after the first of the year.

Public Comment: none.

Acceptance of Minutes: M. Sievel moved to accept the minutes of the regular meeting of 6/20/19.

A. Adriani seconded. All in favor.

Business: Discussion and possible action:

- a. **Appointment of a new member:** After discussion the commission decided to appoint Zach Marchetti to fill the long term opening. Eric Weiss was recommended by the Republican Town Committee. There was not a quorum to hold a vote; this item will be on the next meeting agenda. There is possibly another vacancy coming soon. Ms. Quinn will notify the candidates.
- b. **ZREC for Community Center and new Police Station:** Contracts with Eversource have all been signed for Hook & Ladder, the Community Center and the Police Station. The ZREC is up to 100 kw on each one. The first RFP is for Hook & Ladder; there is a year of electrical data. They only use 88kw hours in electricity. There will be 214 panels that produce 78kw DC and 60kw AC. The new Police Department has enough space for a 100kw using a 365 watt panel. The Community Center will have difficulty reaching 100kw. The Town has until next October to have all three up and running.
- c. **VNM solar project – Voluntown 2MW (AC) – Credit for High School:** The 2 MW project for the high school is being built. There is a delay in the 2 MW for the rest because there is going to be a hearing between Eversource and UI and PURA before going forward with authorizing contracts for the virtual net metering. Our second 2MW has been taken off the waiting list and the contract is being prepared. The two projects won't be simultaneous; the second one may not be online until next spring. Ms. Donahue said there has to be signage and also four feet from panels to the edge of the roof.

Rec'd. for Record 8.23 2019
Town Clerk of Newtown 9:05am
Debbie Aurelie Halstead

d. **Batchelder site potential for solar/community solar project:** will proceed with clean up first.

e. **Energy Savings program:**
Library – no update.

Edmond Town Hall – no update

Community Center/Senior Center – Mr. Hurley said the light controls are being worked on.

Police Department – A. Adriani is reviewing the drawings.

General plan for schools – update: A facilities manager will be hired soon. Candidates were very qualified. Ms. Quinn suggested inviting the new facilities manager to a commission meeting. High School boiler replacement will be October. Ms. Donahue stated Sandy Hook School doesn't deserve LEED Gold; it was not commissioned correctly. Mr. Adriani said that Mr. Mitchell of Public Building & Site Commission said he remembers them going through the commissioning and training.

f. **Develop/update: Municipal Energy Plan, Web Site, Facebook page and Power Point Presentation. Incorporate demand reduction and Energy Star Portfolio Manager:** Mr. Litty will share with the commission an online template he received from Simsbury.

Additional Items for discussion:

1. **Organic Recycling – School program:** no update.

2. **General Recycling:** Statewide recycling is being reconsidered. There are initiatives to remove glass recyclables from single stream recycling.

3. **Outline Sustainable Newtown Program:** no update.

Adjournment: Having no further business the regular meeting of the Sustainable Energy Commission at 8:11 p.m.

The next meeting will be held Sept. 19, 2019.

Att: Titan Services summary

Susan Marcinek, clerk pro tem

Summary of Services Titan Provides:

1. **Energy Commodity Brokerage:** With a client base now exceeding 10,000 and management of more than 70,000 meters, Titan has established itself as a leader in both electricity and natural gas procurement. Utilizing a large number of proven supply options, Titan runs a well disciplined and defined process that leverages this supply base to deliver the lowest cost and best product option to our clients. Titan is supplier neutral and fully represents our clients by maximizing the value delivered – Value being defined as a combination of risk management and potential savings. Titan combines significant industry knowledge, technical ability, superior customer service, process discipline and supplier leverage to effectively guide our clients to maximize the value from their energy spend.
2. **On-Site Generation:** TitanGen provides on-site generation services wrapped around fuel cells, co-gen and solar offerings. Titan can deliver the benefits of on-site generation through a customer-owned model or a Purchase Power Agreement (PPA) model. The TitanGen model allows a customer to have either fuel cell or co-gen technology installed and operating (and thereby gain the benefit of these technologies) with zero capital cost – Titan owns the equipment, is responsible for the maintenance and operation of the fuel cell or co-gen unit and contracts with the client via a PPA (Purchase Power Agreement). The same model is available utilizing solar technology in the event there is not a significant thermal load. With either technology, the customer gets the benefits of cost reduction, clean energy and a degree of independence. Titan also has internal expertise and experience regarding the management of and monetizing of, the renewable energy credits (REC's) that are a key part of the financial modeling associated with on-site generation.
3. **Demand Side Management (efficiency):** In addition to procuring your commodity requirements in the best possible way, another way to reduce your energy spend is by identifying and implementing efficiency improvements throughout a facility. Titan Solutions offers a complete turnkey approach starting with a facility audit focused primarily on lighting and mechanicals (no fee). Post the audit, Titan works with the local utility to understand and maximize the available incentives. If the client decides to move forward with the project(s), Titan handles all aspects of the procurement of required materials and general contracting of the labor. Following the project completion, Titan provides post-project measurement to confirm that the expected results/improvements have been realized. Assuming appropriate credit credentials, Titan can offer financing on most efficiency projects.
4. **Titan Energy Intelligence (TEI) –** Being able to collect, interpret and understand the data that comes from a building's day to day operation is key to defining improvement goals and therefore, improvement plans to reduce the use of energy, drive cost reduction and improve the value gained through each dollar spent. With the TEI product/software, data management is facilitated by the collecting of utility data (electricity, natural gas, water, sewer, oil) at the utility level and then presenting this data in a usable format via a customer dashboard. TEI represents a user friendly, cost effective approach to completely understanding how a building is performing and where to focus to improve this performance.
5. Titan Energy New England is pleased to be able to provide on a nationwide basis, complete state of the art turnkey Electric Vehicle charging stations installed at your facilities. In meeting your specific needs, we provide complete design, installation, financing,

warranty, maintenance, and integration with any utility incentive programs. These systems are an excellent addition to parking lots and garages, municipalities, office buildings, apartment houses, hotels, hospitals, retail shopping centers, supermarkets, car dealers, and banks. EV charging provides a way to attract new customers and provides an additional employee benefit which helps to keep and attract new employees, while providing a greener work environment. Our systems also allow invoicing the users if so desired.