



**Town of Plaistow
Renewable Energy Committee
145 Main Street, Plaistow, NH 03865**

RENEWABLE ENERGY COMMITTEE MINUTES

MEETING DATE: Wednesday, June 22, 2016 @ 5:00 pm

PRESENT: Selectman, Julian Kiszka; Tim Moore, Planning Board; Geoffrey Adams, Planning Board; Greg Jones, Town Planner; Gerald Marchand

GUESTS: Tim Noonis, Unitil Corporation

EXCUSED: Cab Vinton, Sean Fitzgerald, Jake Kennedy, David Gerns

MEETING CALLED TO ORDER: 5:05 PM

A motion was made by G. Adams to approve the meeting minutes of May 18, 2016 as amended. D. Gerns seconded the motion which carried unanimously with a vote of 4-0-0.

2016 P.U.C. Docketbook DE 16-384, Unitil Energy Systems, Inc. Request for Change in Rates - Light Emitting Diode (LED) Tariff Presentation – Tim Noonis, Unitil Corp.

Tim Noonis, a Senior Business Development Executive at **Unitil** Corporation, thanked the Renewable Energy Committee for the opportunity to present Unitil's recently submitted Request for Change in Rates request which is currently under review by the New Hampshire Public Utility Commission. This request has been submitted by Unitil in an attempt to address concerns related to municipal outdoor lighting services and equipment.

Mr. Noonis presented an excel table which displayed the various types, sizes, lumen counts, and monthly & annual kWh hours for Plaistow's existing street light network. In addition, the table presented totals for the community's annual fixture costs and total annual street light costs associated with the existing network.

The Outdoor Lighting Service Schedule generated by Unitil as part of this process was presented for review. Mr. Noonis explained the implications of the schedule, up-front costs for the Town associated with the removal of existing fixtures and the retrofit, maintenance responsibilities, luminaire/distribution costs, and available energy rebates.

The Committee agreed to send the new information provided by Mr. Noonis to the Town's Lighting Consultant, Tanko Lighting, to have a previous analysis revisited to gain a clearer picture of how this conversion would materialize if the community were to move forward.

Letter of Recommendation – Public Safety Complex Expansion Review/Discussion

G. Jones, Town Planner, presented a drafter letter of recommendation that was requested by the Committee at its last meeting on April 20, 2016. The letter expressed the Committee's desire to

- Light Emitting Diode (LED) Lighting fixtures
- Natural Lighting/Day-lighting for windows/skylights
- Installation of rooftop photovoltaic cells (Solar)
- Use of durable and lower-cost reflective roof materials and reflective coatings
- Building Envelope - passive heating and cooling designs/air sealing
- Low-emissivity (low-e) coatings for all windows
- Insulating material(s) with high thermal resistance (R-value)
- Integrated facade systems - optimize daylight, minimize energy requirements for heating, cooling, artificial self- regulating lighting and peak use electricity systems.
- Use of exterior shading & proper orientation to provide dynamic solar control
- Optimized window-to-wall ratios
- High efficiency/performance HVAC, Ventilation, Air Conditioning & office equipment.

Upon review of the letter, G. Jones was asked to submit a finalized version to the Board of Selectmen for review as part of the Board's process of review for this new facility.

Other Business

There was no other business.

A motion was made by T. Moore to approve the meeting minutes of April 20, 2015. G. Adams seconded the motion which carried unanimously with a vote of 4-0-0

ADJOURNMENT: J. Kiszka adjourned the meeting at 6:05 pm

Respectfully submitted,

Gregory M. Jones
Plaistow Town Planner
Renewable Energy Committee Staff Person