**Swampscott Energy Committee**

**Meeting Minutes**

Thursday, May 14th, 2015 at 7:00 pm

Swampscott Town Hall, First Floor Meeting Room

Members Attending: Neal Duffy, Christine DePalma, Milton Fistel, Wayne Spritz, Tara Gallagher

Non-Members Attending: Daniel Dragani

**Agenda**

1) 7:00 to 7:10 - Approval of previous meeting minutes – Approved

2) 7:10 to 7:40 – LED replacement bulb program – Pete and Dan had recommended REC members handle this program as they do not have the time or resources to do it currently. Neal proposed contacting school building managers (principals). This is the 3rd time this has come up and there are still incandescent bulbs. High School does not have many bulbs. Order would probably be somewhere like 50-80 bulbs. Dan suggested we use the building list we created for the Fac. Cons. Task Force. We quickly reviewed the list and the most likely locations would be the schools. Neal will talk to Gargi about this and strategize connecting with the schools.

Tara brought up the Little League fields - we talked about having a pay structure that reflects the cost of running the lights. There is a pay schedule right on the wall next to the light switches. Total is about $15K/year. The largest issue is the peak usage.

3) 7:40 to 8:00 – High School scheduling (including chillers discussion) – Dan and Pete came up with an evaluation sheet of all the rooms in the high school to strategize where meetings should occur. You need a live TV feed for the Board of Selectmen (BOS) and School Committee (SC) meetings. One location was in the Sr. Ctr. but you need a projector and TV feed. We could send the feed through the Internet cable which could open up the other rooms. Mr. Reed, the high school TV teacher, is looking to upgrade his studio and this could be a good time to upgrade. SC is okay with meeting in B-129. Tom is okay for BOS meetings to occur in B129 as well. Tara recommended telling the woman who schedules the high school rooms about the energy discrepancies.

Dan looked at the chillers on the high school. Each Chiller at full capacity is 700kw. The mechanical contractor was able to pull the run hours off of each chiller. 13k for one and 6300 for the other. We’ve spent just short of 1 million dollars running the chillers. $142k/yr - about half the school’s energy bill per year. So the strategy would be to run the chillers less. We can tell the chillers to run less and tweak them. In the EMS (Energy Management System) we can track the kwh so we can decide which chiller to run and how to run them. School administration and school committee needs to know how much money they spend on air conditioning. Do we want chillers running everyday there is school? Huge maintenance cost to the town. Christine DePalma mentioned that the MSBA will often not reimburse for air conditioning on new school projects. The administration needs to decide when they condition the building. Every night you have a play or other night events it costs you $1,000. Evan could address the cost. Neal will let Gargi know. When you run the chillers you are chilling the water and circulating the air around the building. Admin. has its own cooling. We need to verify that the chillers are off when we shut it off. Dan can do a calculation, shoot Evan an email and ask him about it. The first step is to make sure it is not on when it does not need to be and it is off when we think it is off.

4) 8:00 to 8:20 – Residential Electric Aggregation – Pete Kane was not present so we did not discuss this program.

5) 8:20 to 8:40 – Police Station – Dan collected a few proposals to evaluate the police station (audit the building) to make sure it is running correctly. Tom is concerned how we would pay for the audit. Police Chief still goes to the building meetings. Chief wants to do the audit. We are unclear when a decision would be made. The police station building committee needs to decide. Neal will reach out to Pat Jones about this.

6) 8:40 to 8:50 – Any other business that comes before the committee – no new business came before the committee.

8:30 – meeting adjourned