

ENERGY/FACILITIES COMMITTEE

Annotated Notes

Superintendent's Office

APRIL 10, 2018

3:30 p.m.

Members: Mary Henry, Acting Business Manager, Alan Genovese, Superintendent, Ian Spencer, Director of Facilities Ben Kilanski, Steve Thompson, Mike Duprey, Val Carey,

Present: Mary Henry, Acting Business Manager, Alan Genovese, Superintendent, Ian Spencer,

Participants: Dan Weeks, Margaret Sharra, Kevin Bazan, Rick Meleski,

Absent: Ben Kilanski, Steve Thompson, Mike Duprey, Val Carey,

At 3:35 p.m. the Superintendent welcomed participants for attending and for their interest in this potential project.

- I. Review of March 19, 2018 Minutes – As an information item the minutes were reviewed to establish the purpose of this informational presentation.

- II. Solar Panel Update – Dan Weeks, representing ReVision Energy provided a general overview of what ReVision Energy provided in its goal to produce clean energy transition. He indicated that the company has been involved in many residential, commercial, institutional, and municipal projects. He is looking forward with working with both the town and the school in potentially installing solar panels in the respective properties.

He provided a review of the advantages and disadvantages of installing solar panels on the school's roof as well as the fields surrounding the school. It was noted that it would be more advantageous if using the fields, to install in the ball field because it is closer to the building and develop new ball fields.

He will need additional information from the school regarding electricity load and Ian Spencer will get that information to him. The estimated payback is 5 to 7 years after the District purchases the solar panels (in year 6) for 60 percent of the initial costs or approximately \$600,000.

It is expected that the electric costs will be reduced by 8 to 12 percent pre-purchased. Solar panels have a minimum life span of 40 years. Typical lease is for 25 years with an option to buy out at the end of the 5th year, or anytime thereafter.

From installation date to capital payback if bought out in year 6 is 10 to 12 years.

They build in a 2 percent annual electrical price increase in calculating payback. It was noted that it would be prudent to replace the roofs before installing solar panels. The panels are secured with custom fitted cinder blocks that will hold the panels in place and they are not directly attached to the roof. The weight of each panel is 5 pounds per square foot and will not interfere with the snow weight guidelines.

The capacity of the array is limited to the area of roof but is sufficient enough to support the school. On a fully sunny day the district would have their needs met and electricity would be distributed to the grid.

All the information presented was done in the context of preliminary available information and is subject to change.

- III. Letter from Land, Water Conservation Fund – The Superintendent shared a letter from the Department of Natural and Cultural Resources informing the District that it is important to protect the lands purchased by the Land and Water Conservation Fund. He reviewed the restrictions and some of the conversation he had. The ball fields appear to have been purchased with these matching funds as well as other school property. He will be receiving a file soon to get a better understanding of what property is involved. The land will need to be posted as protected and the general public should be able to see the hours it is available to the public on signs. The Superintendent will be updating the School Board at their next meeting as this is a new development.
- IV. Discussion of Upcoming Meeting Dates (May 7th & June 5th). It was noted the next meetings will be held in May and June. It will likely be necessary to meet over the summer if things go as planned and projects will be underway.

The meeting ended at 5:17 p.m.

Annotated notes by,

Dr. Alan Genovese,
Superintendent