

**Sudbury, MA, Energy and Sustainability Committee
Meeting Minutes February 12, 2020**

OPENING:

The February 12th, 2020 meeting of Sudbury’s *Energy and Sustainability Committee* was opened at 6:02pm at the DPW Building conference room.

ATTENDANCE:

Committee Members	Attending
Rami Alwan - Chairman, Energy and Sustainability Committee	X
Gary Bean	X
Jim Cummings	X
Edward Lewis	X
Joe Martino	X
Mark Sevier	X
Facilities Director, Town of Sudbury	
William Barletta	X
Guests	
Byron Woodman - Solect Energy	X

AGENDA:

1. Approval of Meeting Minutes
2. Byron Woodman, Solect Energy – Potential Sudbury Solar PPAs
3. New member application – Ken Nathanson
4. Green Communities application
5. Guardian Energy report
6. EV charger infrastructure and agreement
7. Energy aggregation next steps
8. Update on Fairbank project
9. Other business?

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1) Approval of Meeting Minutes:

Minutes from the January 15th, 2020 meeting were approved.

2) Byron Woodman, Solect Energy – Potential Sudbury Solar PPAs

Solect Energy is a local company that went thru an exhaustive competitive RFP process with the State to, partnered with PowerOptions, provide solar arrays to Municipalities, Schools, State agencies, Colleges and not for profits with pre-negotiated PPA's (Power Purchase Agreements). Due to the volume purchasing, these PPA's have attractive Terms and Conditions, yielding a cost structure that allows low PPA rates, while saving the Town the expense and time of conducting an independent procurement.

Solect Energy, working with Facilities Director Barletta, has taken a first pass look at several Sudbury properties that appear to be suitable for rooftop solar array deployment. They evaluated the DPW building, and the Haynes, Loring, Noyes, Curtis and Nixon schools. Deployment of even some of these arrays would significantly increase the solar in Town and reduce energy costs for a 20-year term.

Solect Energy will work with Director Barletta to refine the models, taking into account roof age, condition and structural factors to determine the potential highest gain arrays.

The Committee will review these in depth and if they appear to be in Sudbury's best interest will move to bring them forward to the Select Board for approval.

It is expected if approved by the Select Board this will need to be approved at Town Meeting to go forward.

3) New member application – Ken Nathanson

The Committee reviewed Mr. Nathanson's application and he brings forth a very strong and needed skill set along with extensive Energy and Sustainability experience. The Committee voted unanimously to recommend the Select Board accept Mr. Nathanson's application for Committee appointment as soon as possible.

4) Green Communities application

It is anticipated that Guardian Energy will provide details on several projects to be vetted by the Committee and potentially submitted during the upcoming cycle of Green Community Competitive grants.

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5) Guardian Energy report

Previously Guardian Energy Management had done some evaluations of Town buildings to determine potential energy saving projects. Several of these projects have already been done by Guardian under Green Community grants and Guardian had contacted Facilities Director Barletta to determine interest in pursuing additional projects.

Guardian conducted another couple site visits to research high gain projects including the potential replacement / upgrade of the Noyes boiler plant.

They will provide a report for the Committee to review before the end of February. The March meeting has been moved to March 4th to allow for sufficient time to vet the proposals and, if applicable, develop and submit the Green Communities Grant application.

6) EV charger infrastructure and agreement

Significant, spirited discussion revolved around the potential implementation of an EV charging station at the Flynn Building. Joe M. provided information on charging stations deployed by several surrounding towns.

The general consensus is that it does benefit Sudbury residents and visitors to have charging available, however, it does not make sense for Sudbury to subsidize charging. A discussion point was made to investigate Sudbury installing and maintaining the charger, utilizing the Energy Revolving Fund, but to charge people utilizing it for the cost of the electricity. Thus Sudbury would provide infrastructure to help the advancement of electrification of public and municipal transportation but would be revenue neutral on the actual charging cost.

Ed L. to look into recent proposals and distribute to the Committee for discussion at a future meeting.

7) Energy aggregation next steps

The Town-wide Electricity Aggregation contract is up for renewal in August. The Energy Committee guides the bidding specifications for our Aggregation Consultant.

The Committee, after significant resident input, agrees the default option should be 100% renewable energy. However, the determination needs to be made regarding the split between MA Class 1 REC's (local 100% renewable energy but expensive) vs. Texas wind (renewable wind energy – not local but also 100% green and inexpensive) vs. the price charged for the default option. Regardless – 100% renewable energy supply for the Town Aggregation will yield a very significant reduction in Sudbury's carbon footprint.

A bidding strategy discussed at the last meeting would be to get a base bid with the State mandated renewable content (currently 16%) along with the pricing on a per percentage

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basis to add in MA Class 1's or Texas wind REC's. The length of the contract is also part of the bid package. A suggestion to make the next contract expire during the Eversource winter rates (Jan – June) was well received and will be incorporated in the bid.

ACTION PLAN:

- Meet with Good Energy in April to discuss/define bid strategy
- Go for indicative pricing bids in May – determine default option
- Meet / brief Select Board in June
- Go for and secure final bids
- New program contract starts with September meter reads

8) Update on Fairbank project

Facilities Director Barletta gave the Committee a brief overview of the Fairbank project, and will provide a more detailed review / discussion targeted for our April meeting. He wishes to get Committee input on Sustainability and Energy Efficiency issues and it should be noted the Committee has been asked to look at solar deployment on the new / remodeled building.

9) Dates for next meetings:

Scheduled Energy Committee Meetings: (DPW Building conference room)

The public is welcome at all meetings.

March 4th at 6:00PM (note rescheduled from typical 3rd Wednesday due to Green Community Grant application deadlines)

April 15th, at 6:00PM

May 20th, at 6:00PM

Adjournment: The Energy Committee meeting was adjourned at 8:47pm.

Minutes submitted by: Edward Lewis, February 17, 2020