



LEBANON ENERGY ADVISORY COMMITTEE
THURSDAY, DECEMBER 17, 2020 - 4:00 PM
REMOTE VIA MICROSOFT TEAMS
LEBANONNH.GOV/LIVE

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- 1. Call to Order**
 - 2. Approval of Minutes**
 - A. November 19, 2020
 - 3. New Business**
 - A. Habitat for Humanity: Lebanon High Performance Home Project
 - B. Municipal Aggregation Subcommittee recommendation on NHCDFA funding
 - 4. Other Business**
 - A. Update on LED Streetlight Conversion Project
 - B. Update on Solar on City sites
 - C. NH Legislative Issues
 - D. Other updates
 - 5. Open to the Public**
 - 6. Committee Reports**
 - A. EV Subcommittee
 - B. Municipal Aggregation, Update on Other Community Power Aggregation issues & PUC Proceedings
 - 7. Future Agenda Items**
 - A. 2021 Goals & Work Plan
 - 8. Next Meeting Date**
 - A. January 21, 2021, 4 PM
 - 9. Adjournment**

Due to the current situation with the COVID-19 Pandemic, the City of Lebanon is offering its meetings via Microsoft Teams. Members of the public are encouraged to attend by going to LebanonNH.gov/Live where you will find instructions on how to enter the meeting. Members of the public will be able to participate and ask questions through

the Microsoft Teams software or by phone. Please visit LebanonNH.gov/Live for full details.

THE AGENDA, IN ITS ENTIRETY IS AVAILABLE ON THE CITY'S WEBSITE AT LEBANONNH.GOV

LEBANON ENERGY ADVISORY COMMITTEE MEETING MINUTES

Due to the Covid 19 Pandemic, the meeting was held virtually via MS Teams

November 19, 2020

4:00 PM

DRAFT

MEMBERS PRESENT: Clifton Below (Chair, Council Representative), Greg Ames (Vice-Chair) Joan Monroe (Planning Board Representative), Meghan Butts, Jon Chaffee, Woody Rothe, Gene Homicki (alternate)

MEMBERS ABSENT: None

STAFF PRESENT: James Donison, Everett Hammond, Marc Morgan, Mark Goodwin, Rebecca Owens, Shaun Mulholland

GUESTS PRESENT: Sarah Riley, Evan Oxenham, Patricia McGovern

CALL TO ORDER: Meeting called to order by Clifton Below at 4:04 PM. Clifton appointed Gene Homicki to fill the empty Lebanon High School student position.

ACCEPTANCE OF MINUTES: Joan moved to accept the 10/15/2020 minutes as presented; Woody seconded. Approved unanimously by roll call vote.

NEW BUSINESS

Solar Phase 2 Proposal for Lebanon Airport: Clifton gave an update on the proposal submitted by ReVision Energy (see proposal in meeting packet). The proposal includes a ground mount system and 2 hanger rooftop systems at the airport. PPA price is \$0.10/kWh, with a 2% annual escalator. The ground mount system is smaller than it could be, to not go over the 100kW AC limit (which has reduced net metering payback) and to minimize grid exports (exported power has less value than power used behind the meter). City can buy out the system in year 6. There is room to add additional solar behind the ground mount system in the future (possibly trackers). The projection shows that the estimated value of the solar production is slightly higher (\$0.1177/kWh) than the cost (\$0.11/kWh), so the project should be cash flow positive. There was further discussion on potential glare issues for incoming aircraft. Clifton noted that there is solar at the Burlington and Manchester airports (among others) and on the roof of Granite Air Center at the Lebanon Airport. The rooftop City Hall system original proposed is not included in the PPA, as the installation cost was too high to work as a PPA. Shaun mentioned that there is still ongoing radio interference at the Police Station and the Landfill Maintenance Building, and that these panels may be moved to City Hall.

Landfill Gas to Energy Project Update: Marc gave an update on the project. The planned City Council presentation did not happen, as the financial analysis was not complete in time. Marc presented the (now completed) analysis comparing direct sale of raw, unprocessed landfill gas and electric generation using microturbines (with and without REC sales). Sale of raw gas was estimated at \$3.7 to \$4.6 million over 20 years. Electric generation was estimated at \$6.9 without REC sales, and \$11 million with sale of electric and thermal RECs. All returns were net of costs. Marc has a meeting next week at which they hope to determine a recommendation to the City Council, with a possible presentation in December.

City Manager Proposed Budget Elimination of Energy & Facilities Position & Budget (At Request of LEAC members Woody Rothe & Jon Chafee): Shaun gave an overview of budget shortfalls and his proposed cost savings, which include a loss of the Energy and Facilities Manager position (along with 2 other layoffs, one in DPW and one in Assessing). Jim gave an overview of plans to re-assign E&FM duties among the remaining DPW staff. After further discussion, Woody moved that LEAC recommend to the City Council that the EF&M position be funded. Gene seconded. Motion passed

Other Business

Update on LED Streetlight Conversion Project - Phase 2 Options
Clifton gave an update on the Streetlight conversion project

B. Update on Community Power Aggregation Issues & PUC Proceedings

Clifton requested to convene an Aggregation Subcommittee meeting on Monday, November 30, 2020

OTHER & OPEN TO THE PUBLIC – None

EV SUBCOMMITTEE REPORT – Rebecca has reached out to the EV subcommittee to discuss planning board questions. The Subcommittee will schedule a future meeting.

FUTURE AGENDA ITEMS – Discussion on Building Codes update and City Procurement policy deferred to a future meeting, probably after the first of the year.

NEXT MEETING:

Scheduled for Thursday, December 17th at 4pm.

ADJOURNMENT:

A motion was made by Meghan to adjourn the meeting at 6:15 PM. The motion was seconded by Woody. The motion was unanimously approved by roll call vote.

Respectfully submitted,

DRAFT