

MARBLEHEAD MUNICIPAL LIGHT COMMISSION

Tuesday January 26, 2021

80 Commercial Street, Commissioner's Conference Room, Marblehead, MA

GoTomeeting: <https://global.gotomeeting.com/join/482259709>

Access Code: 482-259-709; (872) 240-3412

Minutes

Present for the meeting were:

MMLD Commissioners – Chairman Hull, Burke, Homan, Johnson and Wolf, General Manager Kowalik

Chairman Hull opened the meeting at 5:00 P.M.

Bell Coffin Gerry School Construction:

MMMD, Verizon, School Building Committee and Gilbane Inc, has collectively decided to supply power to the New Bell Coffin Gerry Elementary School via UG from rear of property to intersection of Dartmouth Rd. and Cornell Rd. Representatives from each group will meet next to further discuss the technical details of the UG plan and how to supply an extra temp power line should there be any delays with supplying power by mid-March.

Ludlow Solar Project 2020A:

General Manager Kowalik informed that the MMWEC Solar (Photovoltaic) Project 2020A Power Sales Agreement is final. MMLD will have a 10.87% share of the 6.9MW solar project. This will equate to approximately 1,456 MWH's or 1.3 % of our 5 year average power purchases.

Vote #2021-01

Motion made by Commissioner Homan and seconded by Commissioner Johnson to approve the minutes of September 29, 2020, October 27, 2020 and November 17, 2020.

Unanimous

Bad Debt:

At the request of Finance Manager Barrett, Chairman Hull recommended to charge off the entire 2020 bad debt schedule totaling \$38,602.83 and noted that the department will continue collection efforts on the accounts listed on the report.

Vote #2021-02

It was moved by Commissioner Homan and seconded by Wolf to charge off the department's 2020 schedule of bad debts in the amount of \$38,602.83.

Commissioner Wolf Presentation

Commissioner Wolf gave a detailed presentation for MMLD's strategic plan on going green without going red, thereby balancing fiscal responsibility while trying to obtain carbon reduction goals. Commissioner Wolf presented graphs showing increased global temperature trends with a direct correlation to the increase in CO2 concentration. The increase in temperatures and CO2 concentration are resulting in a reduction in Arctic sea ice, an increase in fires, floods, hurricanes and violent weather costing billions of dollars. Commissioner Wolf presented the following bullet points to address the issue of climate change:

Strategic goal #1:

1. Set net-zero timeline and 5-year carbon reduction targets
2. Build on NREL study to identify and price all renewable energy options
3. Prioritize options based on impact on MMLD operating income
4. Account for future costs of nuclear decommissioning and carbon pricing
5. Annual progress reports towards meeting goal

Strategic goal #2:

1. Develop Model to predict and prepare for new demand and distribution*
2. Strengthen incentives for customer to convert from gas vehicles to EVs
3. Set targets for installing public EV Charging Stations
4. Promote customer conversion from furnaces, boilers, water heaters, to heat pumps and

Strategic goal #3:

1. Prioritize Large Scale Battery Storage
2. Develop and Promote Connected Homes (internet-enabled demand side management)
3. Pilot plan for home batteries & EVs to provide battery storage for grid
4. Time-of-Use pricing geothermal

Strategic goal #4:

1. Evaluate vulnerabilities to severe weather and malicious attacks
2. Assess monetary value of resilience
3. Evaluate need for additional trunk line
4. Battery storage for emergency outages
5. Cost analysis of targeted undergrounding, tree trimming, pole replacement

Vote #2021-03

Motion made by Commissioner Johnson and seconded by Commissioner Homan to adjourn at 6:10 PM: Unanimous