



**READING MUNICIPAL
LIGHT DEPARTMENT**

**BOARD OF COMMISSIONERS MEETING
REGULAR SESSION**

Thursday December 15, 2022



Town of Reading Meeting Posting with Agenda

Board - Committee - Commission - Council:

RMLD Board of Commissioners

Date: 2022-12-15

Time: 6:30 PM

Building: Reading Municipal Light Building

Location: Winfred Spurr Audio Visual Room

Address: 230 Ash Street

Agenda:

Purpose: General Business

Meeting Called By: Chair Bitá, Chair

Notices and agendas are to be posted 48 hours in advance of the meetings excluding Saturdays, Sundays and Legal Holidays. Please keep in mind the Town Clerk's hours of operation and make necessary arrangements to be sure your posting is made in an adequate amount of time. A listing of topics that the chair reasonably anticipates will be discussed at the meeting must be on the agenda.

All Meeting Postings must be submitted in typed format; handwritten notices will not be accepted.

Topics of Discussion:

PER GOVERNOR BAKER'S MARCH 10, 2020, ORDER SUSPENDING CERTAIN PROVISIONS OF THE OPEN MEETING LAW, G.L. c. 30A, §20 THIS MEETING WILL BE HELD IN PERSON, REMOTELY AND STREAMED ON RCTV AND YOUTUBE.

Public participation at this meeting:

This meeting will be held remotely on Zoom and streamed live on RCTV and YouTube.
<https://www.youtube.com/c/RCTVStudios/videos?view=57>.

For public participation on Zoom please email emorse@rmlld.com. Please include your full name and address. Comments and questions will be monitored during the meeting.

1. Call Meeting to Order – M. Bitá, Chair

Code of Conduct: The RMLD Board of Commissioners recognizes the importance of hearing public comment, at the discretion of the Chair, on items on the official agenda. Once recognized by the Chair, all persons addressing the Board shall state their name and address prior to speaking. It the role of the Chair to maintain order in all public comment or ensuing discussion.

2. Public Comment - M. Bitá, Chair

- Citizens' Advisory Board
- Liaisons to the RMLD Board
- Public Comment

3. Approval of Meeting Minutes- Attachment 1 – **ACTION ITEM** - M. Bitá, Chair

Suggested Motion: Move that the RMLD Board of Commissioners approve the minutes of the June 23, 2022, meeting on the recommendation of the General Manager.

4. Report on the Citizens' Advisory Board Meeting – M. Bitá, Chair

This Agenda has been prepared in advance and represents a listing of topics that the chair reasonably anticipates will be discussed at the meeting. However the agenda does not necessarily include all matters which may be taken up at this meeting.



Town of Reading Meeting Posting with Agenda

5. Integrated Resources Division Report – Attachment 2 - G. Phipps, General Manager
6. 2023 Rates – Attachment 3 – **ACTION ITEM** - G. Phipps, General Manager

Suggested Motion: Move that the Board of Commissioners, on the recommendation of the Citizens’ Advisory Board, vote to accept the General Manager’s recommendation to replace the following MDPU rates effective on billings on or after March 1st, 2023.

- Replace 296 Residential Schedule A with 301
- Replace 299 Residential Time of Use Schedule A2 with 302
- Replace 297 Commercial Schedule C with 303
- Replace 298 Industrial Time of Use Schedule I with 304
- Replace 300 School Schedule SCH with 305

7. IT Division Report – Attachment 4 - J. Pelletier, Director of IT
8. General Manager’s Report - G. Phipps, General Manager

- Talent Acquisition and Talent Management
- Employee Survey Update

9. Policy Review – Attachment 5 – **ACTION ITEM** - G. Phipps, General Manager
 - Policy 13 Facility Use

Suggested Motion: Move that the RMLD Board of Commissioners approve Policy 13: Facility Use (Revision 6), as presented, on the recommendation of the General Manager.

10. Procurement Requests for Board Approval – Attachment 6 - **ACTION ITEM** - H. Jaffari, Director of E&O

- IFP 2022-45 for 15kV, 556 KCMIL Aerial Spacer Cable and .052 Covered Messenger

Suggested Motion: Move that IFP 2022-45 for 15kV, 556 KCMIL Aerial Spacer Cable and .052 Covered Messenger be awarded to: Arthur J. Hurley Company, Inc. for a total of \$300,600, pursuant to M.G.L. c. 164 § 56D, on the recommendation of the General Manager.

11. Scheduling – Attachment 7 - M. Bitá, Chair

Subsequent Board Meetings

- Thursday January 19th, 2023, 7:30 PM
- Wednesday February 15, 2023, 7:30 PM
- Thursday March 16, 2023, 7:30 PM
- Thursday April 20, 2023, 7:30 PM
- Thursday May 18, 2023, 7:30 PM
- Thursday June 15, 2023, 7:30 PM



Town of Reading Meeting Posting with Agenda

2023 Warrant Schedule

12. Executive Session – **ACTION ITEM** – M. Bitá, Chair

Suggested Motion: Move that the RMLD Board of Commissioners go into Executive Session pursuant to Massachusetts G.L. c.164 section 47D, exemption from public records and open meeting requirements in certain instances, to discuss the General Manager contract and strategy with respect to collective bargaining or litigation if an open meeting may have a detrimental effect on the bargaining or litigating position of the public body and the chair so declares and return to regular session, for the sole purpose of adjournment. Note: Roll call vote required.

13. Adjournment – **ACTION ITEM** – M. Bitá, Chair

Suggested Motion: Move that the Board of Commissioners adjourn regular session. Note: Roll call vote required.

BOARD MATERIALS AVAILABLE BUT NOT DISCUSSED

Accounts Payable / Payroll Questions through December 12, 2022,
August and September 2022 Preliminary Financials
Surplus and Scrap Material Report November 2022

APPROVAL OF MEETING MINUTES
ATTACHMENT 1



Town of Reading Meeting Minutes

Board - Committee - Commission - Council:

RMLD Board of Commissioners

Date: 2022-06-23

Time: 7:30 PM

Building: Reading Municipal Light Building

Location: Winfred Spurr Audio Visual Room

Address: 230 Ash Street

Session: Open Session

Purpose: General Business

Version: Draft

Attendees: **Members - Present:**

Marlena Bitá, Chair; Philip Pacino, Vice Chair; David Talbot, Commissioner; Robert Coulter, Commissioner.

Members - Not Present:

John Stempeck, Commissioner.

Others Present:

RMLD Staff: Gregory Phipps, Interim General Manager; Erica Morse, Executive Assistant; Wendy Markiewicz, Director of Business Finance; Janet Walsh, Director of Human Resources; Hamid Jaffari, Director of Engineering and Operations.

RMLD Liaisons: Karen Herrick, Reading Select Board Liaison.

Minutes Respectfully Submitted By: Philip Pacino, Secretary Pro Tem

Topics of Discussion:

1. Call Meeting to Order

Chair Bitá called the Board of Commissioner's (BoC) meeting to order at 7:40 PM and announced that the meeting would be held both in person and remotely on Zoom plus will be streamed live on RCTV and YouTube.

Opening Remarks and Introductions

Chair Bitá read the RMLD BoC Code of Conduct and asked all remote attendees to identify themselves.

Commissioner Talbot participated in the meeting remotely on Zoom.

Commissioner Coulter served as Secretary at the meeting until the arrival of Vice Chair Pacino, who then served as the Secretary.

2. Public Comment

Liaisons to RMLD Board

Karen Herrick, Reading Select Board Liaison, provided comments at the meeting.

Herrick said that the Reading community is thrilled about the EV Chargers and thanked the BoC for extending an invitation to the SB to attend the ribbon cutting.

The Town will be working on EV specific parking regulations; Town Hall staff will reach out and coordinate with RMLD. A draft will tentatively be presented at the July 19th Select Board meeting.

Coleen O'Brien, General Manager, has been working within the industry on a letter regarding Green Communities. Currently, the legislation is waiting approval from the State House. Herrick, as a SB member, urges the RMLD to continue this work, which will be brought to the next SB meeting.

Public Comment

There was no public comment at the meeting.

3. Report on the Citizens' Advisory Board (CAB) Meeting

Commissioner Coulter attended the CAB meeting on June 23, 2022, immediately proceeding this BoC meeting, which had the same agenda items as the BoC meeting.

4. Interim General Manager Report

Gregory Phipps, Acting General Manager, provided an update to the BoC.

Talent Acquisition and Talent Management

Phipps referenced the current employment opportunities, located on the RMLD website.

Phipps said that there are currently 11 open positions across a variety of different roles.

Julie Blackley, the new Communications Manager, will be working with HR to actively promote RMLD as a dynamic entity within a changing and dynamic industry.

RMLD attended several events at local colleges, which resulted in three summer interns, who are currently working on a variety of things in the Integrated Resources Department.

Phipps noted that networking is a common way to find opportunities and encouraged the BoC and Reading Select Board to direct anyone interested in RMLD to the RMLD website.

The primary contact for recruitment is Janet Walsh, Director of HR, but those who are interested are welcome to speak with anyone at RMLD.

Phipps said that talent acquisition is a critical piece for RMLD; there is a series of transitions happening due to growth, retirement, and open positions.

Salary Survey

The RMLD plans to commission an external salary survey in the month of July. The Department is currently pursuing a few parties through the procurement process.

RMLD uses the annual MEAM salary survey; but is commissioning the external survey to ensure that the Department attracts and retains the right people.

5. Annual Report Confirmation

Phipps presented the Annual Report confirmation. The annual report can be found in the BoC packet on the RMLD website (Pages 3- 75).

The CY21 report theme is versatility; a new focus championed by the GM in 2021.

Portions of the standard format were revised for CY21. The report is more customer focused, organized around customer needs instead of the traditional organization by department.

Commissioner Coulter made a **motion**, seconded by Chair Bitz, that the Board of Commissioners approve the Annual Report for CY21 as presented, on the recommendation of the General Manager.

Motion Carried: 3: 0: 2 (3 in favor; 2 absent). Vice Chair Pacino and Commissioner Stempeck were absent from the meeting. Vice Chair Pacino voiced his approval of the motion upon his arrival.

6. ENE Board of Directors

Phipps reported on the Energy New England (ENE) Board of Directors.

Phipps stated that RMLD is an equity owner in Energy New England (ENE) and the GM is the representative of RMLD on the Board of Directors.

The GM and Phipps attended the most recent meeting; the GM was thanked for her contributions to the Board of Directors on behalf of ENE.

The intention is for the Interim General Manager or newly appointed GM to fill the vacated role.

Commissioner Coulter asked a question relative to the Class B Director.

Phipps responded that the Class B director is related to the level of ownership RMLD holds.

Commissioner Talbot requested a timely update to the BoC on what ENE is working on both in advance of and after each meeting.

Commissioner Coulter made a **motion**, seconded by Chair Bitz, that pursuant to Section 3.2 of the Operating Agreement of the Energy New England, LLC, the Reading Municipal Light Department Board of Commissioners hereby appoint Greg Phipps as a Class B Director of the Energy New England, LLC Board of Directors for a term of three years.

Motion Carried: 3: 0: 2 (3 in favor; 2 absent). Vice Chair Pacino and Commissioner Stempeck were absent from the meeting. Vice Chair Pacino voiced his approval of the motion upon his arrival.

7. 2022 NEPPA Conference

Phipps reported on the upcoming 2022 NEPPA Conference. The presented materials can be found in the BoC packet on the RMLD website (Pages 76-79).

Phipps noted that the NEPPA conference is an important regional event for the BoC, the CAB, and 1-2 members of the senior management team to attend.

Phipps stated that the topics are typically timely and relevant to the RMLD, the content useful, and networking opportunities beneficial.

Commissioner Coulter made a **motion**, seconded by Chair Bita, that the Board approve Greg Phipps's travel to, and attendance at, the NEPPA Annual Conference to take place August 14-17, 2022, at Snowflake Mountain Resort, in Stowe, Vermont.

Motion Carried: 3: 0: 2 (3 in favor; 2 absent). Vice Chair Pacino and Commissioner Stempeck were absent from the meeting. Vice Chair voiced his approval of the motion upon his arrival.

The BoC voted on Commissioner who can be in attendance at the 2022 NEPPA Conference.

Commissioner Coulter made a **motion**, seconded by Chair Bita, that the Board approve travel to, and attendance at, the NEPPA Annual Conference to take place August 14-17, 2022, at Snowflake Mountain Resort, in Stowe, Vermont for up to five Commissioners.

Motion Carried: 3: 0: 2 (3 in favor; 2 absent). Vice Chair Pacino and Commissioner Stempeck were absent from the meeting. Vice Chair Pacino voiced his approval of the motion upon his arrival.

8. Report on Town Payments

Wendy Markiewicz, Director of Business Finance, presented on Town Payments. The presentation can be found in the BoC packet on the RMLD website (Pages 80-84).

Markiewicz stated that town payments occur twice a year; June 30 and December 31.

Pilot Payment Breakdown for CY2022 (Page 82)

Markiewicz said that payments are based on \$86M net plant and 658,000 kWh sales. Each town's payment is based on the town's proportion of total RMLD load. The June 30 payment (issued) totals approximately \$860K. Each town was communicated to and should have received their check.

New Calculation Formula (Page 83)

New Town of Reading ROI Estimated Payment Schedule (Page 84)

Markiewicz explained that the three-year average of kWh sales is multiplied by 3.875 mills which gives a total payment to the Town of Reading for 2022 of \$2.5M. Three years prior the total was ~ \$2.4M each year.

Herrick requested that the new payment chart be circulated.

9. IRD Report

Phipps presented the Integrated Resources report. The presentation can be found in the BoC packet on the RMLD website (Pages 85-90).

Additional information relative to this presentation will be made available on the RMLD website.

Vice Chair Pacino joined the meeting at 8:05 PM.

The presentation should be considered in the context of the significant amount of press circulating relative to the dramatic increase in energy costs.

The content of the presentation outlines what can be expected from a customer's perspective in terms of monthly electric bills from RMLD.

Power Supply Context (Page 87)

Phipps stated that the cost of natural gas is the primary driver of electricity in the wholesale market in New England.

Due to Russia's activities in the Ukraine, the cost of energy, specifically natural gas and oil, has been driven up. New England energy costs are now influenced by international events.

As 87% of RMLD's power supply is under fixed contracts, high increases in the wholesale market are only affecting 13% of power supply, in terms of MWH volume.

The global context, the forward price curve increases, and the Jan – May actuals results yield updated power supply forecast for the 2022 power supply at \$66M; or 9% higher than the original budget.

RMLD is in the process of increasing hedging. Typically hedged power is between 80-85%; currently RMLD's power supply is at 87% and striving towards the mid-90s. However, reasonably priced supply is very hard to find, most prices are at forward price curve levels and hence, not worth locking in high prices.

Phipps noted that the high cost of energy is expected to continue for 18-24 months. The duration and magnitude of the cost increase is heavily influenced by what is happening in Europe.

Customer Cost - Residential Example (Page 101)

Phipps noted that most customers are residential, 26,000 out of 30,000 meters and 40% of total load.

The monthly power supply cost (pass through) is the actual cost that RMLD occurs on behalf of customers.

Two cost variables are the fuel and PPCT charge (capacity and transmission). The rate stabilization and fuel funds act as buffers against variability.

The goal is to reflect actual cost and dampen volatility.

From a customer perspective, power supply is key piece and then annual operating cost.

Phipps noted that the 2022 line in the *Average Residential Bill by Month* graph reflects actuals for the first half of 2022 and forecasted for the rest of the year.

The typical residential bill ranges from just under \$100 to over \$170.

Seasonality is associated with what customers pay each month, which is primarily driven by usage. Phipps cited the example of AC in the summer.

Although costs driven by usage could change dramatically, in general, customer behavior is stable and predictable.

A rate increase was implemented in January 2022, which does not change until new rates are approved and filed. This leaves power supply cost as the only monthly variable.

In 2021 the typical average bill over the year was \$118. The 2022 forecast was ~ 12% higher (\$133). The \$15 difference is due to the stability of operating costs throughout the year and the unanticipated power supply variability. Power supply increased from \$67 in 2021 to \$77 in 2022. This is driven by external markets and the amount of energy the Department has in an open/unhedged position.

Phipps stated that the key takeaways of the presentation are as follows:

- The ability for the RMLD and the BoC members to provide informed responses when customers ask questions relative to increases in their bill. Phipps cited the example of explaining that the difference is driven by power supply costs and global factors.
- RMLD customers are in good shape, where the rate or cost shock will not be significant.
- Seasonality plays a role in cost; summer costs will be higher due to AC.

Vice Chair Pacino asked a question relative to the monthly bill chart. Phipps responded that the chart reflects only residential customers and is an average monthly bill Residential allows year to year comparison of the entire class.

Phipps noted that a question was posed at the CAB meeting relative to how RMLD compares to other utilities.

RMLD receives a quarterly report in terms of the Department's rates to other utilities in the region (both MLPs and IOUs).

In the residential space RMLD falls in the middle of the MLPs and significantly less than IOUs.

In the commercial and industrial space RMLD falls at the low end of the scale, largely due to the cost structure associated with the large customer concentration in Wilmington.

Residential requires more network equipment (poles, wire, transformers) to cover a larger geography.

RMLD, as an MLP, can implement long-term contracts, which reduce the exposure to the volatility that other energy providers face. From a legislative perspective, IOUs are limited to 6-month terms.

Renewable Choice (Page 89)

The renewable choice program has not been adopted as much as RMLD had hoped.

For residential, 66 out of 26K customers opted in; for commercial one out of 3K customers opted in, and zero industrial customers have opted in.

Two industrial customers are motivated to adopt the program to meet corporate goals. These companies have environmental targets they are mandated to meet. Public companies face the challenge of balancing the cost versus corporate requirements.

As previously stated, in July the RMLD will be transitioning its initial presence relative to social media use.

Vice Chair Pacino previously requested that the Department revisit the annualized line and see if there needs to be adjustments in 2022. This topic will be discussed in September.

Currently, RMLD is retiring 26% of all certificates. The Renewable Choice Program allows for customers to contribute and enables RMLD to retire more.

Chair Bita suggested other ways to incentivize customers, such as an incentive for the first 1K customers who sign up. Chair Bita cited the example of a gift card to a business in one of the four towns.

Phipps noted that because the program is opt-in, there is flexibility in terms of how the RMLD incentivizes customers. The incentive must be fair and flexible but can be creative.

Vice Chair Pacino commented that he is disappointed in the numbers.

Phipps stated that the RMLD is transitioning to a strategy that targets social media, where most customers are.

10. RMLD Procurement Requests for Board Approval

Hamid Jaffari, Director of Engineering and Operations reported the procurement requests for Board approval. The materials presented can be found in the BoC packet on the RMLD website (Pages 91-93).

IFP 2022-25 – ABB Gridshield 15kV Reclosers

IFP 2022-25 is part of the grid modernization initiative the RMLD started in 2015.

The delivery date has not changed since the previous bid in 2021.

The cost has increased by \$6,515 from the previous bid (\$20,243).

The increase in cost from 2021 is due to factors such as the rising cost of materials and labor, the energy crisis, and market volatility.

Vice Chair Pacino asked a question relative to the delivery dates being pushed back due to supply chain issues, and if there is a penalty for that. Hamid responded that for this item, delivery is likely to be closer to 17 weeks, but the timeframe is not certain and there is no penalty for delayed delivery.

Vice Chair Pacino made a **motion**, seconded by Chair Bita, that proposal IFP 2022-25 for ABB GridShield 15kV Reclosers be awarded to: WESCO Distribution, Inc. for \$107,032, pursuant to M.G.L. c. 164, § 56D, on the recommendation of the General Manager.

Motion Carried: 4:0:1 (4 in favor; one absent). Commissioner Stempeck was absent from the meeting.

11. Scheduling

Chair Bita presented on the upcoming RMLD BoC meeting dates and warrant schedule.

Subsequent RMLD BoC Meetings

Next Board Meeting will be held on Thursday July 21, 2022.

There will be no August meeting.

All future meetings will be tentatively scheduled for the Third Thursday of each month.

Joint Meeting with the Select Board on Economic Development

The next Joint meeting with the SB on Economic Development will be held on June 28, 2022, at Town Hall at 6:00 PM.

Warrant Schedule

For the July warrant, Commissioner Coulter will be covering the CAB; Commissioner Talbot will be covering AP; and Commissioner Stempeck will be covering payroll.

12. Executive Session

At 8:30 PM, Vice Chair Pacino made a **motion**, seconded by Chair Bita, that the Board of Commissioners go into Executive Session pursuant to Massachusetts G.L. c.164 section 47D, exemption from public records and open meeting requirements in certain instances, To consider the purchase, exchange, lease or value of real property if the chair declares that an open meeting may have a detrimental effect on the negotiating position of the public body; and to conduct strategy sessions in preparation for negotiations with nonunion personnel or to conduct collective bargaining sessions or contract negotiations with nonunion personnel.

Motion Carried: 4:0:1 (4 in favor; one absent). Commissioner Stempeck was absent from the meeting.

13. Adjournment

Vice Chair Pacino made a **motion**, seconded by Commissioner Talbot, that the RMLD Board of Commissioners adjourn regular session. Note: Roll call vote required

Motion Carried: 4:0:1 (4 in favor; one absent). Commissioner Stempeck was absent from the meeting.

Regular Session adjourned at 9:19 PM.

**INTEGRATED RESOURCES DIVISION REPORT
ATTACHMENT 2**



Integrated Resources Update

*Presented to the
Board of Commissioners*

15 December 2022

Outline

Power supply strategy

Within territory generation – Maple Meadows PV Landfill

2023 regional winter reliability

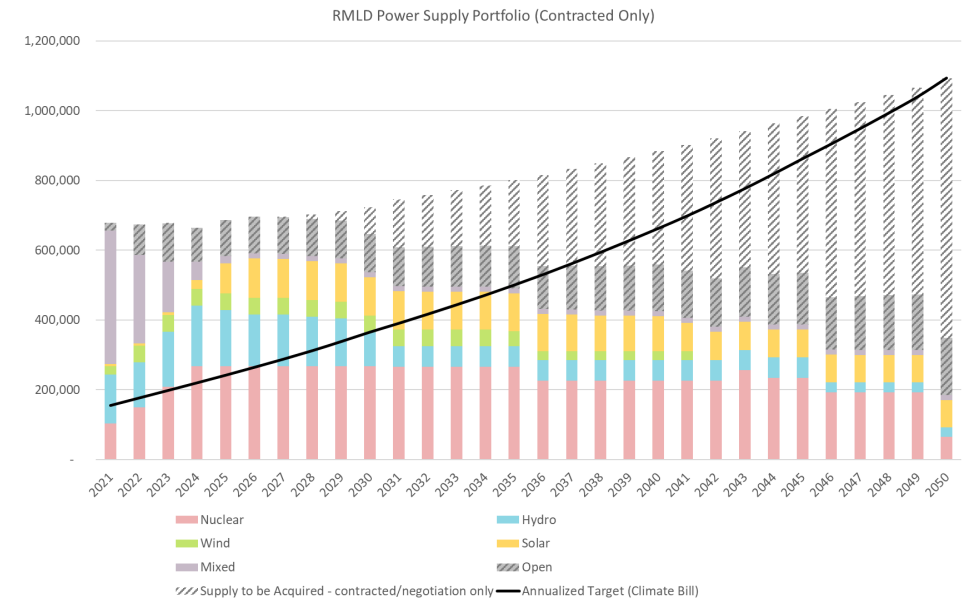
RMLD Strategic Direction Highlights

Load **increasing** (MHWs growing ~1 – 2% annually, ~2/3 larger by 2050)

All supply **non-carbon** by 2050
(new non-carbon intermittent; storage needed)

Within territory supply avoids capacity / transmission costs (40% of total RMLD costs)

MLPs (RMLD) now qualify for **ITC** (IRA 30% credit)

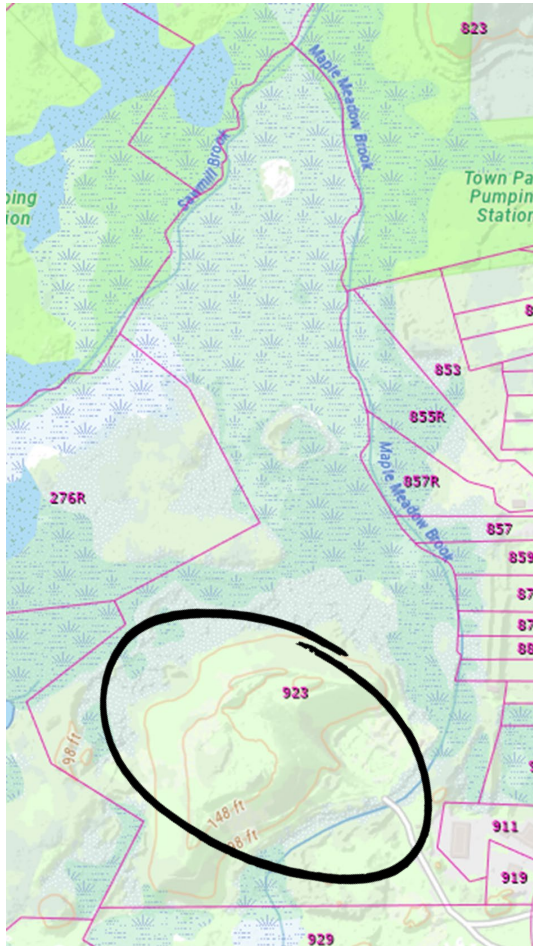


Build substation and upgrade distribution network (growth, reliability, low-cost)

Add within territory generation (more solar PV now, then novel gen tech (ex low temp geo))

Add significant storage capability (utility, distribution) for peak management and time shift

Maple Meadow – RMLD Solar PV Interest



Many discussions /site visits with interested parties during past 4 months (MA DEP, Wilmington representatives, EPA, ...)

Goal – turn Maple Meadow into positive, best use site (~10 MW solar PV on southern mound)

Current thinking – RMLD to pursue ownership w/o assuming historical liabilities; clear select financial issues (ex property tax)

Liability management is most critical issue
Many details to work through but no brick walls, yet
Several solar array options (brainstormed with MA DEP)
Initial wetlands delineation study complete
Inflation Reduction Act (grants for MLPs) improves financial model
Project likely below average non-carbon portfolio (before grants)

Preliminary Economics

Estimated \$25 million project cost (excluding historical remediation which is likely covered by Olin super fund site cleanup)

10 MW solar PV array (18% capacity factor, 30-year life)

Within-territory generation (avoids capacity and transmission costs)

Gross cost ~\$75 / MWH compared to \$100 / MWH for power purchased from regional generators

Class 1 certificates (REC's) offer additional ~\$30 / MWH cost reduction through early 2030's (RMLD portfolio already S-9 compliant)



Inflation Reduction Act may provide 30% of investment tax credits in form of grants

Brownfields sites could provide addition \$2 million of grants

Net cost to rate payers could be ~\$45 / MWH for environmentally friendly, resilient power; very good news

2023 Regional Winter Resiliency - notes



While regional winter reliability is an issue, RMLD remains vigilant but not concerned about the possibility of rolling blackouts this winter, primarily due to the current mild weather forecast.

Any potential blackouts in the region would be due to an extended period of cold weather typically less than 10 degrees Fahrenheit over ~4 consecutive days.

Any potential blackouts would be initiated by ISO New England, which is the organization that manages electricity in the New England region.

RMLD is one of a few municipal light plants that has in-territory generation and storage systems to help reduce the impact of rolling blackouts.

RMLD has an operating procedure in place that is tested each fall and each spring, in cooperation with ISO-New England, other Municipal Light Plants, and Investor-Owned Utilities.

In the event that ISO New England requests load reduction via blackouts, they would occur in increments of two hours or less and roll across customer groups.

Thank You

2023 RATES
ATTACHMENT 3



Proposed Rates Effective March 2023

*Presented to the
Board of Commissioners*

15 December 2022

Outline

Goals and Objectives (desired outcomes)

Context – volatile wholesale and load increase

Summary of proposed changes effective March 2023

Recommendation Summary

2022 Rate by Class

Rates – goals and objectives

goals

Design rates to **cover cost** of providing service

Allocate costs fairly, based on rate class characteristics

Provide funds for **efficiency and electrification incentives**

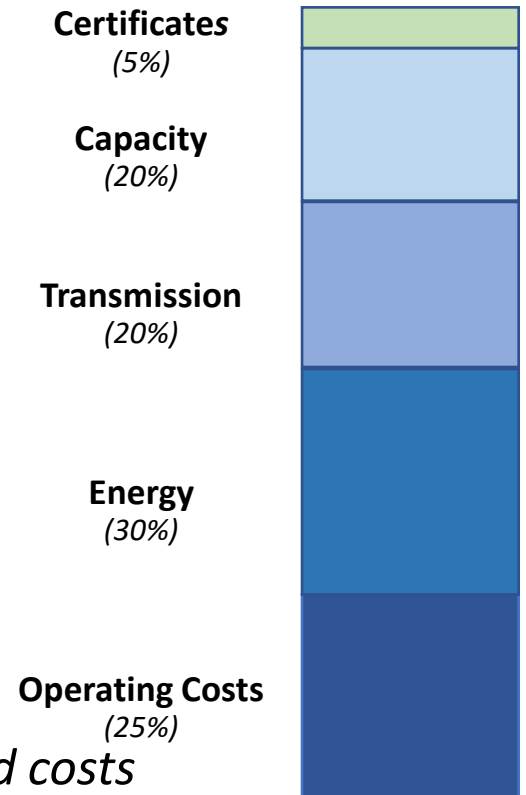
Offer customers better understanding and **control of energy use**

Comply with DPU, statutory and RMLD policies

process *(typically 3-year but more frequent in current volatile market)*

- 1) Clarify outcomes, behaviors
- 2) Forecast loads, retail sales by class
- 3) Forecast base costs and power supply pass through costs
- 4) Review cost drivers by rate classes
- 5) Allocate costs across rates classes
- 6) Refine allocations
- 7) Update rates

2025 expenses illustration



Wholesale energy and electrification (compliance) are primary driver of upward costs

Desired outcomes

electrification

- Increase air-source **heat pump installations** in residential and commercial rate classes
- Encourage **EV adoption and** charging during off-peak (overnight for now) hours
- Support stewardship / climate change policies

generation and load

- Increase **generation w/in territory** (solar for now)
- Prompt load shift away from afternoon **peak hours** (4:00 – 6:00 pm)
- Support accelerating customer **load growth** (industrial in blocks, resi more steady)

customer control

- Simplify billing; make **easier to understand**
- Equip** customers to affect their energy costs

2023 Context – volatile wholesale market

We forecast that wholesale electricity prices at major power trading hubs will be about **20-60% higher on average this winter**. The highest wholesale electricity prices are likely to be in **New England** because of possible natural gas pipeline constraints, reduced fuel inventories for power generation, and uncertainty regarding liquefied natural gas (LNG) shipments given the tight global supply conditions. eia.gov

In the latest indication of how expensive energy is going to be this winter, the utility **Eversource** is seeking a **43% increase** in the cost of electricity for its customers in eastern Massachusetts. For customers in western Massachusetts, it's a 42% increase. In filings this week with the Department of Public Utilities, the company proposed changing the basic supply rate — the raw cost of the electricity you use — for customers in both of its territories. wbur.org 18 nov 2022

With prices for natural gas, which drive electricity costs, significantly higher this winter due to global conflict, inflation and high demand, electricity rates for **National Grid** customers that take Basic Service will increase starting November 1st. In total, the monthly bill of a typical residential electric customer using 600 kWh will increase from \$179 in the winter 2021-2022 season, to approximately \$293 for the winter 2022-2023 season, or a **64 percent increase**, driven by higher electric supply prices. nationagridus.com 21sep2022

86% of energy (component of power supply) hedged for 2023 with average cost of \$41 / MWH – 6% higher than 2022 actuals

14% of energy is open market prices averaging \$125 / MWH (some months over \$270 / MWH) – 2% higher than 2022 actuals

kWh sales - 2023 budget assumes small load growth (conservative approach using lower kWh sales)

Relative - RMLD rates tend to be less than half of IOU's and in the middle of other MLP's

Wait to March - Customer usage drops in March after typically high January and February usage due to cold temperatures

RMLD

Summary of monthly bill changes – March 2023

total average monthly bill – proposed effective March 2023

| | 2022 current | March 2023 proposed | \$ change | % change | proposed net \$/kwh |
|--------------------|-------------------------|------------------------------------|------------------|-----------------|--------------------------------|
| Residential A | \$ 138 | \$ 158 | \$ 20 | 14.3% | \$ 0.1950 |
| Residential TOU A2 | \$ 121 | \$ 136 | \$ 15 | 12.6% | \$ 0.1675 |
| Commercial C | \$ 1,023 | \$ 1,177 | \$ 154 | 15.0% | \$ 0.1719 |
| Industrial TOU | \$ 24,581 | \$ 28,509 | \$ 3,928 | 16.0% | \$ 0.1420 |
| School | \$ 4,507 | \$ 4,984 | \$ 477 | 10.6% | \$ 0.1549 |

Wholesale energy costs are ~ half of increase

Distribution network upgrades are the other half of increase (EEC a smaller portion)

Effective March 2023 after higher winter usage months (avoid customer jolt)

Effective March 2023 bill - recommendations

| <i>current MDPU</i> | <i>new MDPU</i> | <i>description</i> | <i>total monthly change</i> | <i>notes and key drivers</i> |
|---------------------|-----------------|--|-----------------------------|---|
| 247 | | Municipal Street Lighting Schedule F Formula Rate | no change | transition to LED's nearly complete |
| 275 | | Backup and Standby Rate | no change | |
| 277 | | Electric Vehicle Supply Equipment Schedule EVSE Rate | no change | |
| 285 | | Cooperative Resale Schedule G Rate | no change | |
| 286 | | Residential Customer Owned Generation Under 20kW | no change | evaluating facilities charge and higher credit for exported kWh |
| 287 | | Commercial/Industrial Customer-Owned Generation | no change | |
| 288 | | Purchase Power Capacity and Transmission Charge | market | |
| 289 | | Private Street Lighting Rate Schedule D | no change | |
| 290 | | Municipal LED Street Lighting Rate | no change | |
| 291 | | Standard Fuel Charge Clause | market | |
| 294 | | Renewable Choice | no change | approved September 2021 |
| 295 | | Solar Choice Rider | no change | approved September 2021 |
| 296 | 301 | Residential Schedule A Rate | 14.3% | distribution, EEC |
| 299 | 302 | Residential Time of Use Schedule A2 Rate | 12.6% | distribution, EEC |
| 297 | 303 | Commercial Scheduled C Rate | 15.0% | distribution, EEC |
| 298 | 304 | Industrial Time of Use Schedule I Rate | 16.0% | demand, EEC |
| 300 | 305 | School Schedule SCH Rate | 10.6% | distribution, EEC |
| 292 | | Efficiency Electrification Charge | 33% | increase \$0.003 / kWh to \$0.004 / kWh |
| 293 | | A3 residential TOU (EV focused) | new | update and release March 2023 |

distribution energy (load growth), power supply (wholesale), and EEC (electrification) key 2023 drivers

Thank You

Residential A – March 2023 – new MDPU 301

proposed effective March 2023

| Residential A | average monthly bill | | \$ change | % change | MDPU 296 | MDPU 301 |
|---------------------------|----------------------|------------------|-----------------|--------------|---------------|---------------|
| | current | proposed | | | | |
| *Customer Charge | \$ 5.43 | \$ 6.24 | \$ 0.81 | 15.0% | \$5.43/mo | \$6.24/mo |
| *Distribution Energy | \$ 58.58 | \$ 73.23 | \$ 14.65 | 25.0% | \$0.07214/kWh | \$0.09018/kWh |
| *Distribution Demand | \$ - | \$ - | \$ - | 0.0% | | |
| EEC | \$ 2.44 | \$ 3.25 | \$ 0.81 | 33.3% | \$0.003/kWh | \$0.004/kWh |
| Fuel Adjustment | \$ 46.12 | \$ 48.43 | \$ 2.31 | 5.0% | | |
| NYPA Credit Rate | \$ (3.27) | \$ (3.60) | \$ (0.32) | 9.9% | | |
| Cap & Trans (PPCT) | \$ 38.77 | \$ 42.69 | \$ 3.91 | 10.1% | | |
| other | \$ - | \$ - | \$ - | 0.0% | | |
| other | \$ - | \$ - | \$ - | 0.0% | | |
| Prompt Payment | \$ (9.60) | \$ (11.92) | \$ (2.32) | 24.2% | | net \$ / kWh |
| Total Monthly Bill | \$ 138.47 | \$ 158.31 | \$ 19.85 | 14.3% | | \$ 0.1950 |
| Average Monthly kWh | 812 | 812 | | | | |
| Average kW | NA | NA | | | | |



- Fund distribution network upgrades to support load growth
- Cover wholesale energy costs (passthrough)

With proposed rates, total average monthly bill up \$19.85 (14.3%)

Residential A2 (resi time of use) – March 2023 - 302

proposed effective March 2023

| Residential TOU A2 | average monthly bill | | | | MDPU 299 | MDPU 302 |
|---------------------------|----------------------|------------------|-----------------|--------------|---------------|---------------|
| | current | proposed | \$ change | % change | | |
| *Customer Charge | \$ 8.48 | \$ 9.75 | \$ 1.27 | 15.0% | \$8.48/mo | \$9.75/mo |
| *Distribution Energy | \$ 35.11 | \$ 43.89 | \$ 8.78 | 25.0% | \$0.04324/kWh | \$0.05405/kWh |
| *Distribution Demand | \$ - | \$ - | \$ - | 0.0% | | |
| EEC | \$ 2.44 | \$ 3.25 | \$ 0.81 | 33.3% | \$0.003/kWh | \$0.004/kWh |
| Fuel Adjustment | \$ 45.82 | \$ 48.11 | \$ 2.29 | 5.0% | | |
| NYPA Credit Rate | \$ (3.27) | \$ (3.60) | \$ (0.32) | 9.9% | | |
| Cap & Trans (PPCT) | \$ 38.77 | \$ 42.69 | \$ 3.91 | 10.1% | | |
| other | \$ - | \$ - | \$ - | 0.0% | | |
| other | \$ - | \$ - | \$ - | 0.0% | | |
| Prompt Payment | \$ (6.54) | \$ (8.05) | \$ (1.51) | 23.1% | | net \$ / kWh |
| Total Monthly Bill | \$ 120.81 | \$ 136.04 | \$ 15.23 | 12.6% | | \$ 0.1675 |
| Average Monthly kWh | 812 | 812 | | | | |
| Average kW | NA | NA | | | | |



- Fund distribution network upgrades to support load growth
- Cover wholesale energy costs (passthrough)

With proposed rates, total average monthly bill up \$15.23 (12.6%)

Commercial C – March 2023 – new MDPU 303

proposed effective March 2023



- Demand and wholesale power represent majority of increase
- Demand and EEC to cover Climate Bill electrification

| Commercial C | average monthly bill | | | | MDPU 297 | MDPU 303 |
|---------------------------|----------------------|-----------------|---------------|--------------|---------------|---------------|
| | current | proposed | \$ change | % change | | |
| *Customer Charge | \$ 8.24 | \$ 10.30 | \$ 2 | 25.0% | \$8.24/mo | \$10.30/mo |
| *Distribution Energy | \$ 125 | \$ 159 | \$ 34 | 27.0% | \$0.01829/kWh | \$0.02322/kWh |
| *Distribution Demand | \$ 204 | \$ 279 | \$ 75 | 37.0% | \$8.86/kW | \$12.14/kW |
| EEC | \$ 21 | \$ 27 | \$ 7 | 33.3% | \$0.003/kWh | \$0.004/kWh |
| Fuel Adjustment | \$ 389 | \$ 408 | \$ 19 | 5.0% | | |
| NYPA Credit Rate | \$ - | \$ - | \$ - | 0.0% | | |
| Cap & Trans (PPCT) | \$ 327 | \$ 360 | \$ 33 | 10.1% | | |
| other | \$ - | \$ - | \$ - | 0.0% | | |
| other | \$ - | \$ - | \$ - | 0.0% | | |
| Prompt Payment | \$ (51) | \$ (67) | \$ (17) | 33.0% | | net \$ / kWh |
| Total Monthly Bill | \$ 1,023 | \$ 1,177 | \$ 154 | 15.0% | | \$ 0.1719 |
| Average Monthly kWh | 6,848 | 6,848 | | | | |
| Average kW | 23 | 23 | | | | |

With proposed rates, total average monthly bill up \$154 (15%)

Industrial I (all time of use) – March 2023 – 304



proposed effective March 2023

| | | <i>average monthly bill</i> | | | | | |
|---------------------------|------------------|-----------------------------|------------------|-----------------|-----------------|-----------------|--|
| Industrial TOU | <i>current</i> | <i>proposed</i> | \$ change | % change | MDPU 283 | MDPU 298 | |
| *Customer Charge | \$ 42 | \$ 51 | \$ 9 | 22.0% | \$39.18/mo | \$41.53/mo | |
| *Distribution Energy | \$ - | \$ - | \$ - | 0.0% | | | |
| *Distribution Demand | \$ 3,507 | \$ 4,910 | \$ 1,403 | 40.0% | \$9.79/kW | \$11.06/kW | |
| EEC | \$ 602 | \$ 803 | \$ 201 | 33.3% | \$0.003/kWh | \$0.004/kWh | |
| Fuel Adjustment | \$ 11,333 | \$ 11,900 | \$ 567 | 5.0% | | | |
| NYPA Credit Rate | \$ - | \$ - | \$ - | 0.0% | | | |
| Cap & Trans (PPCT) | \$ 9,629 | \$ 11,590 | \$ 1,960 | 20.4% | | | |
| other | \$ - | \$ - | \$ - | 0.0% | | | |
| other | \$ - | \$ - | \$ - | 0.0% | | | |
| Prompt Payment | \$ (532) | \$ (744) | \$ (212) | 39.8% | | | |
| Total Monthly Bill | \$ 24,581 | \$ 28,509 | \$ 3,928 | 16.0% | | | |
| Average Monthly kWh | 200,823 | 200,823 | | | | | |
| Average kW | 317 | 317 | | | | | |

net \$ / kWh
\$ 0.1420
very competitive rate

- Demand, wholesale power represent majority of increase
- Highest near term load growth
- Demand and EEC to cover Climate Bill electrification

With proposed rates, total average monthly bill up \$4k (16%)

School – March 2022 – new MDPU 305

proposed effective March 2023

| School | average monthly bill | | \$ change | % change | MDPU 284 | MDPU 300 |
|---------------------------|----------------------|-----------------|---------------|--------------|---------------|------------------|
| | current | proposed | | | | |
| *Customer Charge | \$ 8 | \$ 9 | \$ 2 | 22.0% | \$7.23/mo | \$7.66/mo |
| *Distribution Energy | \$ 407 | \$ 517 | \$ 110 | 27.0% | \$0.01193/kWh | \$0.01265/kWh |
| *Distribution Demand | \$ 816 | \$ 939 | \$ 122 | 15.0% | \$7.56/kW | \$7.56/kW |
| EEC | \$ 97 | \$ 129 | \$ 32 | 33.3% | \$0.003/kWh | \$0.004/kWh |
| Fuel Adjustment | \$ 1,828 | \$ 1,919 | \$ 91 | 5.0% | | |
| NYPA Credit Rate | \$ - | \$ - | \$ - | 0.0% | | |
| Cap & Trans (PPCT) | \$ 1,536 | \$ 1,691 | \$ 155 | 10.1% | | |
| other | \$ - | \$ - | \$ - | 0.0% | | |
| other | \$ - | \$ - | \$ - | 0.0% | | |
| Prompt Payment | \$ (185) | \$ (220) | \$ (35) | 19.0% | | net \$ / kWh |
| Total Monthly Bill | \$ 4,507 | \$ 4,984 | \$ 477 | 10.6% | | \$ 0.1549 |
| Average Monthly kWh | 32,175 | 32,175 | | | | |
| Average kW | 108 | 108 | | | | |

- Demand and wholesale power represent majority of increase
- Demand and EEC to cover Climate Bill electrification



With proposed rates, total average monthly bill up \$477 (10.6%)

thank you - again

IT DIVISION REPORT
ATTACHMENT 4

RMLD IT Initiatives FY23-24

IT Security

- Active Directory assessment and remediation
- Implementing IT Asset Management
- Implementing Network Monitoring
- Developing operational standards and procedures based on NIST 800-53
- IT/OT Network assessments and remediation
- Joined CISA (Critical Infrastructure and Security Agency) to obtain vulnerability alerts, services and free training

IT Infrastructure

- IT Modernization
- Ash St IT footprint consolidation
- Cogsdale application suite upgrade
- AMI/MDM migration project
- RMLD physical security upgrade

Team Skills Development

- CISA VLP – IT cyber and skills development
- FedVTP – ICS/OT cyber security training

RMLD IT launches user Cybersecurity Training

RMLD IT formalized IT security training in Q4 FY22

3

REEL IN THE CATCH OF THE DAY



The threat actor reels in the catch of the day when an email is not blocked by network border or endpoint protections and reaches a victim who replies with valuable information or executes a spoofed link or attachment. The threat actor can then feast on sensitive information, credentials, or the ability to compromise the endpoint via malware disguised as links and attachments.

70%

of all attached files or links containing malware were not blocked by network border protection services.

15%

of all malicious attachments or links were not blocked by endpoint protections, which are set up to reduce the amount of unwanted or malicious activity.

84%

Within the first 10 minutes of receiving a malicious email, **84% of employees took the bait** by either replying with sensitive information or interacting with a spoofed link or attachment.

13%

of targeted employees **reported the phishing attempts**. Employee failure to report phishing attempts limits the organization's ability respond to the intrusion and alert others to the threat.

POLICY REVIEW
ATTACHMENT 5

RMLD BOARD OF COMMISSIONERS MEETING

December 15, 2022

POLICY 13: Facility Use

In accordance with the Board's periodic policy review, please find attached the review package for Policy 13: Facility Use (Revision 6).

Included are the following three components:

- Policy 13: Facility Use (Revision 6) Summary & Highlights (This Page).
- Policy 13: Facility Use (Revision 6)
- Policy 13: Facility Use (Revision 6) marked with tracked changes.

SUMMARY

Policy 13: Facility Use (Revision 6) was revised to provide further clarification and reviewed to ensure continued alignment with current RMLD best practices. Verbiage was added to require that an application be submitted and approved prior to all facility use.

REVISION HIGHLIGHTS

- **Section I: Purpose and Eligibility**
 - Verbiage stating the policy shall be effective on January 1, 2017, was removed.
 - Verbiage was added, stating that the application (Exhibit A) must be completed and approved by the Facilities Manager and General Manager.
 - Sections were modified to reflect the current roles, responsibilities, and procedures.
- **Section II: Access**
 - Section II: A. Town Departments, Boards, and Committees.
 - Capacities were added to the cafeteria and AV room.
 - The verbiage “as confirmed within the approved application” was added to clarify that an approved application is required along with proof of liability insurance coverage.

- Section II: B. Scheduling
 - The contact for initial facility use requests was changed from the GM to the Facilities Operational Assistant.
 - Verbiage was modified to communicate that once the application is approved, the Facilities Department will discuss applicable fees and schedule.
- **Section III: Requirements and Restrictions**
 - Section III: B. Smoking
 - Verbiage identifying a prohibited smoking area within a minimum of ten feet from RMLD facilities was removed. Smoking is prohibited throughout all RMLD facilities.
 - Section III: D. Accident Reports
 - The title was changed from “Accident Reports” to “Incident Reports”.
 - Verbiage was changed to reflect “incident report” throughout, as incident reports cover a broader range than accident reports.
 - Section III: E. Kitchen use
 - This section was added to implement restrictions on kitchen use.

**RMLD Policy No. 13
FACILITY USE**

Revision No. 6

Commission Vote Date _____

Next Review Date _____

General Manager/Date

I. PURPOSE AND ELIGIBILITY

This policy governs access to facilities and property placed in the custody and control of the Reading Municipal Light Department ("RMLD"). The RMLD's facilities and outdoor property are generally secure areas that are subject to security standards established by the North American Electric Reliability Corporation ("NERC"). As a result, RMLD facilities and outdoor property are not available for use by the public, including non-profit and civic organizations under any circumstances. However, town departments, boards and committees within RMLD's service territory may use certain RMLD facilities and outdoor property as set forth in this policy provided that such town department, board, or committee shows proof that use of RMLD's facilities or outdoor property, as applicable, is covered under its liability insurance. The attached application (Exhibit A) must be completed and approved by the Facilities Manager and General Manager.

II. ACCESS

A. Town Departments, Boards, and Committees

Based on availability and subject to approval by the General Manager and compliance with this paragraph, town departments, boards and committees within RMLD's service territory may use: (1) certain designated RMLD facilities and (2) certain designated outdoor property. Access to facilities is limited to the RMLD Cafeteria (capacity 90) and Audio-Visual (AV) room (capacity 54) for business-related training sessions. Access to outdoor property is limited to areas located outside of fenced and secured areas, provided that such access and use is consistent with NERC security mandates as determined by the General Manager. In all instances, the town department, board, or committee must show proof that use of RMLD's facilities or outdoor property, as applicable, is covered under its liability insurance as confirmed within the approved application. Absent such a showing, the town department, board, or committee will not be eligible to use RMLD's facilities or outdoor property.

B. Scheduling

Any town department, board or committee within RMLD's service territory that wishes to use RMLD facilities or outdoor property shall first contact

the Facilities Operational Assistant to request permission to use RMLD facilities or outdoor property. Contact information can be found on the RMLD website.

Provided that the application is approved, the RMLD Facilities Department will discuss applicable fees and schedule such authorized use at a time when RMLD's facilities or outdoor property that are generally available for use under this policy and are not otherwise needed by RMLD.

C. Cancellations

RMLD reserves the right to cancel the use of a facility or outdoor property when such facility or outdoor property is needed for RMLD-related business or RMLD determines, in its sole discretion, such cancellation is deemed to be in the best interest of the RMLD. RMLD will attempt to contact the primary contact in advance if time permits.

III. REQUIREMENTS AND RESTRICTIONS

A. Drugs and Alcohol Beverages Prohibited

Illegal drugs, medical marijuana, and alcoholic beverages of any kind are strictly prohibited on all RMLD property.

B. Smoking

Smoking is prohibited throughout all RMLD facilities.

C. Additional Restrictions

RMLD may impose additional restrictions, at any time, as it deems necessary for the protection of its property, its employees, or the public or as otherwise in the public interest.

D. Incident Reports

In the event of an incident during the use of RMLD's facilities or outdoor property, the user shall immediately contact the RMLD Control Center (781) 942- 6437 to report the incident, who in turn will notify the appropriate RMLD employee to file a formal accident report.

E. Use of Kitchens

RMLD's kitchen shall not be available for use with the exception of the sink. No appliances shall be used by any groups or individuals, including, ranges, stove tops, refrigerator, freezer, coffee makers or microwaves. All supplies, paper goods, utensils, food, and other miscellaneous items shall be the responsibility of the user.

RMLD Policy No. 13 FACILITY USE

Revision No. 65

Commission Vote Date _____

Next Review Date _____

General Manager/Date

I. PURPOSE AND ELIGIBILITY

~~This policy shall be effective on January 1, 2017.~~ This policy governs access to facilities and property placed in the custody and control of the Reading Municipal Light Department ("RMLD"). The RMLD's facilities and outdoor property are generally secure areas that are subject to security standards established by the North American Electric Reliability Corporation ("NERC"). As a result, RMLD facilities and outdoor property are not available for use by the public, including non-profit and civic organizations under any circumstances. However, town departments, boards and committees within RMLD's service territory may use certain RMLD facilities and outdoor property as set forth in this policy provided that such town department, board, or committee shows proof that use of RMLD's facilities or outdoor property, as applicable, is covered under its liability insurance. The attached application (Exhibit A) must be completed and approved by the Facilities Manager and General Manager.

II. ACCESS

A. Town Departments, Boards, and Committees

Based on availability and subject to approval by the General Manager and compliance with this paragraph, town departments, boards and committees within RMLD's service territory may use: (1) certain designated RMLD facilities and (2) certain designated outdoor property. Access to facilities is limited to the RMLD Cafeteria (capacity 90) and Audio-Visual (AV) room (capacity 54) for business-related training sessions. Access to outdoor property is limited to areas located outside of fenced and secured areas, provided that such access and use is consistent with NERC security mandates as determined by the General Manager. In all instances, the town department, board, or committee must show proof that use of RMLD's facilities or outdoor property, as applicable, is covered under its liability insurance as confirmed within the approved application. Absent such a showing, the town department, board, or committee will not be eligible to use RMLD's facilities or outdoor property.

B. Scheduling

Any town department, board or committee within RMLD's service territory that wishes to use RMLD facilities or outdoor property shall first contact the ~~General Manager~~ Facilities Operational Assistant to request permission to use RMLD facilities or outdoor property. Contact information can be found on the RMLD website.

~~If the General Manager authorizes the requested use then such town department, board or committee should contact the~~ Provided that the application is approved, the RMLD Facilities Department ~~will to discuss~~ applicable fees and schedule such authorized use at a time when RMLD's facilities or outdoor property that are generally available for use under this policy and are not otherwise needed by RMLD.

C. Cancellations

RMLD reserves the right to cancel the use of a facility or outdoor property when such facility or outdoor property is needed for RMLD-related business or RMLD determines, in its sole discretion, such cancellation is deemed to be in the best interest of the RMLD. RMLD will attempt to contact the primary contact in advance if time permits.

III. REQUIREMENTS AND RESTRICTIONS

A. Drugs and Alcohol Beverages Prohibited

Illegal drugs, medical marijuana, and alcoholic beverages of any kind are strictly prohibited on all RMLD property.

B. Smoking

Smoking is prohibited throughout all RMLD facilities, ~~and within a minimum of 10 feet from all RMLD buildings, decks, ramps and exits or as otherwise may be restricted by RMLD's prevailing smoking policies.~~

C. Additional Restrictions

RMLD may impose additional restrictions, at any time, as it deems necessary for the protection of its property, its employees, or the public or as otherwise in the public interest.

D. ~~Accident Incident~~ Reports

In the event of an ~~accident~~ incident during the use of RMLD's facilities or outdoor property, the user shall immediately contact the RMLD Control Center (781) 942- 6437 to report the incident, who in turn will notify the appropriate RMLD employee to file a formal accident report.

E. Use of Kitchens

RMLD's kitchen shall not be available for use with the exception of the sink. No appliances shall be used by any groups or individuals, including, ranges, stove tops, refrigerator, freezer, coffee makers or microwaves. All supplies, paper goods, utensils, food, and other miscellaneous items shall be the responsibility of the user.

PROCUREMENT REQUESTS FOR BOARD APPROVAL
ATTACHMENT 6



December 9, 2022

Town of Reading Municipal Light Board

Subject: IFP 2022-45 15kV, 556 KCMIL Aerial Spacer Cable and .052 Covered Messenger

Pursuant to M.G.L. c. 164 § 56D, on November 9, 2022, an invitation for proposals was placed as a legal notice in the Middlesex East Section of the Daily Times Chronicle and posted on the RMLD website requesting sealed proposals for 15kV, 556 KCMIL Aerial Spacer Cable and .052 Covered Messenger

An invitation for proposals was sent to nine (9) companies.

Sealed proposals were received from two (2) companies: Arthur J. Hurley Company, Inc. and WESCO Distribution, Inc.

The sealed proposals were publicly opened and read aloud at 11:00 a.m., November 30, 2022, in the Town of Reading Municipal Light Department's Audio Visual Spurr Room, 230 Ash Street, Reading, Massachusetts.

The proposals were reviewed, analyzed, and evaluated by staff and recommended to the General Manager.

Move that IFP 2022-45 for 15kV, 556 KCMIL Aerial Spacer Cable and .052 Covered Messenger be awarded to: **Arthur J. Hurley Company, Inc. for a total of \$300,600.00¹**, pursuant to M.G.L. c. 164 § 56D, on the recommendation of the General Manager.

¹See attached analysis.

This is a 2023 inventory item.

Peter Price

Peter Price, Systems Engineer

hamid Jaffari

Hamid Jaffari, Director of Engineering & Operations

gregory phipps

Gregory J. Phipps, General Manager

**Analysis -15kV Aerial Spacer Cable and .052 Covered Messenger
IFP 2022-45**

| <u>Proposer</u> | | <u>Manufacturer</u> | <u>Delivery Date</u> | <u>Unit Cost</u> <u>(foot)</u> | <u>Qty.</u> <u>(ft)</u> | <u>Total Cost</u> | <u>Meet</u> <u>Specification</u> <u>Requirement</u> |
|---|---|---------------------------|----------------------|-----------------------------------|----------------------------|---------------------|---|
| Arthur J. Hurley Company, Inc. ¹ | 556 KCMIL, 15kV Aerial Spacer Cable | Hendrix Wire and Cable | 22-24 Weeks | 4.95 | 54,000 | \$267,300.00 | Yes |
| | .052 Covered Messenger | Hendrix or Nehring | 24-26 Weeks | \$1.85 | 18,000 | \$33,300.00 | |
| TOTAL PROPOSAL AMOUNT | | | | | | \$300,600.00 | |
| WESCO Distribution, Inc. ² | 556 KCMIL, 15kV Aerial Spacer Cable | Hendrix Wire and Cable | 22-24 Weeks | 4.77 | 54,000 | \$257,580.00 | Yes |
| | .052 Covered Messenger | Hendrix | 24-26 Weeks | \$1.84 | 18,000 | \$33,120.00 | |
| TOTAL PROPOSAL AMOUNT | | | | | | \$290,700.00 | |

Signature: 
Peter Price (Dec 9, 2022 11:10 EST)
 Email: pprice@rml.com

Signature: 
Hamid Jaffari (Dec 9, 2022 13:30 EST)
 Email: hjaffari@rml.com

Signature: 
 Email: ghipps@rml.com

SCHEDULING
ATTACHMENT 7

2023 Warrant Schedule Pending Approval

| | AP | PAYROLL | Board Member Covering CAB |
|------------------|-----------|----------------|----------------------------------|
| January | Stempeck | Talbot | Pacino |
| February | Coulter | Bitá | Stempeck |
| March | Talbot | Pacino | Coulter |
| April | Bitá | Stempeck | Talbot |
| May | Pacino | Coulter | Bitá |
| June | Stempeck | Talbot | Pacino |
| July | Coulter | Bitá | Stempeck |
| August | Talbot | Pacino | Coulter |
| September | Bitá | Stempeck | Talbot |
| November | Pacino | Coulter | Bitá |
| December | Stempeck | Talbot | Pacino |

MATERIALS AVAILABLE BUT NOT DISCUSSED

From: [Erica Morse](#)
To: [Erica Morse](#)
Subject: AP and Payroll Questions for the 22-12-15 BoC Book
Date: Thursday, December 8, 2022 12:21:12 PM

AP

From November 18, 2022, to December 9th, 2022 there were no Commissioner questions.

Payroll:

From November 21, 2022, to December 12, 2022 there were no Commissioner questions.

Erica Morse
Executive Assistant
Reading Municipal Light Department
O: 781-942-6489
C: 617-791-3304
www.rmlld.com



Town of Reading, Massachusetts
Municipal Light Department
Statement of Net Assets
8/31/2022

| | 2022 | 2021 |
|------------------------------------|--------------------|--------------------|
| ASSETS | | |
| Current: | | |
| Unrestricted Cash | \$ 22,242,230 | \$ 20,578,843 |
| Restricted Cash | 31,893,837 | 29,188,322 |
| Restricted Investments | 1,050,394 | 2,691,351 |
| Receivables, Net | 9,777,805 | 8,005,224 |
| Prepaid Expenses | 1,695,218 | 1,725,817 |
| Inventory | 2,293,371 | 1,864,161 |
| Total Current Assets | 68,952,854 | 64,053,718 |
| Noncurrent: | | |
| Investment in Associated Companies | 964,409 | 874,497 |
| Capital Assets, Net | 86,448,244 | 84,571,936 |
| Total Noncurrent Assets | 87,412,654 | 85,446,432 |
| Deferred Outflows - Pension Plan | 6,754,497 | 5,360,409 |
| TOTAL ASSETS | 163,120,005 | 154,860,559 |

PRELIMINARY

| | | |
|---------------------------------------|-------------------|-------------------|
| LIABILITIES | | |
| Current | | |
| Accounts Payable | 10,138,213 | 6,216,591 |
| Accrued Liabilities | 546,680 | 401,949 |
| Customer Deposits | 1,631,327 | 1,452,246 |
| Advances from Associated Companies | 200,000 | 200,000 |
| Customer Advances for Construction | 2,627,763 | 2,486,188 |
| Total Current Liabilities | 15,143,983 | 10,756,975 |
| Non-current | | |
| Accrued Employee Compensated Absences | 1,652,518 | 1,968,355 |
| Net OPEB Obligation | 4,158,698 | 7,166,506 |
| Net Pension Liability | 11,954,138 | 12,054,935 |
| Total Non-current Liabilities | 17,765,354 | 21,189,796 |
| Deferred Inflows - Pension Plan | 4,327,923 | 2,652,103 |
| TOTAL LIABILITIES | 37,237,260 | 34,598,874 |

NET POSITION

| | | |
|---|-----------------------|-----------------------|
| Invested in Capital Assets, Net of Related Debt | 86,448,244 | 84,571,936 |
| Restricted for Depreciation Fund | 11,583,701 | 9,261,798 |
| Restricted for Pension Trust | 6,815,651 | 4,459,696 |
| Unrestricted | 21,035,149 | 21,968,257 |
| TOTAL NET POSITION | 125,882,744 | 120,261,686 |
| Total Liabilities and Net Assets | \$ 163,120,005 | \$ 154,860,559 |

Town of Reading, Massachusetts
Municipal Light Department
Business Type Proprietary Fund
Statement of Revenues, Expenses and Changes in Fund Net Assets
8/31/2022

| | Month Current Year | Month Last Year | Year to Date Current Year | Year to Date Last Year | Percent Change |
|---|-----------------------|--------------------|------------------------------|---------------------------|-------------------|
| Operating Revenues | | | | | |
| Base Revenue | \$ 3,232,381 | \$ 2,643,901 | \$ 20,359,977 | \$ 18,566,623 | 9.7% |
| Fuel Revenue | 4,338,139 | 2,508,579 | 24,362,585 | 17,227,829 | 41.4% |
| Purchased Power Capacity & Transmission | 3,511,311 | 2,999,597 | 21,311,219 | 21,959,071 | (3.0%) |
| Forfeited Discounts | 102,359 | 77,482 | 539,700 | 524,722 | 2.9% |
| Energy Conservation Revenue | 207,651 | 61,965 | 1,317,307 | 434,562 | 203.1% |
| NYPA Credit | (140,931) | (36,263) | (828,950) | (733,563) | 13.0% |
| Total Operating Revenues | 11,250,911 | 8,255,259 | 67,061,838 | 57,979,244 | 15.7% |

Expenses

PRELIMINARY

Power Expenses:

| | | | | | |
|----------------------------------|------------------|------------------|-------------------|-------------------|--------------|
| 547 Purchased Power Fuel | 4,224,249 | 2,905,082 | 24,614,213 | 19,082,951 | 29.0% |
| 555 Purchased Power Capacity | 1,428,500 | 1,387,702 | 10,121,725 | 11,406,339 | (11.3%) |
| 565 Purchased Power Transmission | 1,885,361 | 1,573,212 | 10,997,997 | 10,413,869 | 5.6% |
| Total Purchased Power | 7,538,109 | 5,865,996 | 45,733,935 | 40,903,159 | 11.8% |

Operations and Maintenance Expenses:

| | | | | | |
|--|----------------|----------------|------------------|------------------|--------------|
| 580 Supervision and Engineering | 101,972 | 89,675 | 736,515 | 676,507 | 8.9% |
| 581 Station/Control Room Operators | 48,081 | 40,583 | 329,643 | 318,356 | 3.5% |
| 582 Station Technicians | 47,332 | 43,837 | 363,599 | 390,630 | (6.9%) |
| 583 Line General Labor | 62,171 | 44,242 | 494,878 | 385,698 | 28.3% |
| 586 Meter General | 23,204 | 14,331 | 137,500 | 112,821 | 21.9% |
| 588 Materials Management | 36,502 | 32,201 | 288,576 | 272,802 | 5.8% |
| 593 Maintenance of Lines - Overhead | 25,614 | 40,692 | 204,465 | 219,332 | (6.8%) |
| 593 Maintenance of Lines - Tree Trimming | 18,068 | 112,867 | 591,944 | 393,436 | 50.5% |
| 594 Maintenance of Lines - Underground | 7,382 | (1,507) | 131,272 | 17,963 | 630.8% |
| 595 Maintenance of Line - Transformers | 15,091 | 16,551 | 62,185 | 98,869 | (37.1%) |
| 598 Line General Leave Time Labor | 32,646 | 30,517 | 264,278 | 218,894 | 20.7% |
| Total Operations and Maintenance Expenses | 418,063 | 463,988 | 3,604,855 | 3,105,309 | 16.1% |

General & Administration Expenses:

| | | | | | |
|--|------------------|----------------|------------------|------------------|-------------|
| 903 Customer Collections | 91,337 | 116,045 | 733,351 | 711,161 | 3.1% |
| 904 Uncollectible Accounts | 5,000 | 8,750 | 40,000 | 70,000 | (42.9%) |
| 916 Energy Audit | 76,612 | 66,263 | 594,206 | 487,071 | 22.0% |
| 916 Energy Conservation | 173,545 | 111,989 | 868,241 | 932,496 | (6.9%) |
| 920 Administrative and General Salaries | 166,146 | 159,156 | 1,318,501 | 1,257,970 | 4.8% |
| 921 Office Supplies and Expense | 1,698 | 758 | 10,145 | 9,590 | 5.8% |
| 923 Outside Services - Legal | 34,618 | 66,889 | 249,444 | 266,574 | (6.4%) |
| 923 Outside Services - Contract | 41,455 | 9,469 | 209,191 | 181,518 | 15.2% |
| 923 Outside Services - Education | 7,312 | 555 | 34,393 | 12,176 | 182.5% |
| 924 Property Insurance | 32,768 | 33,111 | 283,448 | 295,744 | (4.2%) |
| 925 Injuries and Damages | 1,000 | 800 | 7,705 | 22,719 | (66.1%) |
| 926 Employee Pensions and Benefits | 461,762 | 189,756 | 2,675,918 | 2,296,728 | 16.5% |
| 930 Miscellaneous General Expense | 21,300 | 13,280 | 266,010 | 247,562 | 7.5% |
| 931 Rent Expense | 34,779 | 13,874 | 160,594 | 136,864 | 17.3% |
| 933 Vehicle Expenses | 35,830 | 36,711 | 183,410 | 231,701 | (20.8%) |
| 933 Vehicle Expenses - Capital | (36,724) | (32,561) | (276,007) | (233,447) | 18.2% |
| 935 Maintenance of General Plant | 47,147 | 17,804 | 357,725 | 340,703 | 5.0% |
| 935 Maintenance of Building & Garage | 73,693 | 77,506 | 656,151 | 542,641 | 20.9% |
| Total General & Administration Expenses | 1,269,278 | 890,153 | 8,372,424 | 7,809,770 | 7.2% |

Other Operating Expenses:

| | | | | | |
|---------------------------------|------------------|----------------|------------------|------------------|---------------|
| 403 Depreciation | 421,450 | 406,980 | 3,371,601 | 3,255,837 | 3.6% |
| 408 Voluntary Payments to Towns | 143,387 | 137,953 | 1,147,096 | 1,103,624 | 3.9% |
| Total Other Expenses | 564,837 | 544,933 | 4,518,697 | 4,359,461 | 3.7% |
| Operating Income | 1,460,624 | 490,189 | 4,831,928 | 1,801,545 | 168.2% |

Town of Reading, Massachusetts
Municipal Light Department
Business Type Proprietary Fund
Statement of Revenues, Expenses and Changes in Fund Net Assets
8/31/2022

| | Month Current Year | Month Last Year | Year to Date Current Year | Year to Date Last Year | Percent Change |
|---|-----------------------|--------------------|------------------------------|---------------------------|-------------------|
| Non Operating Revenues (Expenses): | | | | | |
| 419 Interest Income | 30,370 | 6,522 | 130,336 | 114,008 | 14.3% |
| 419 Other | (3,391) | 78,338 | 565,256 | 695,174 | (18.7%) |
| 426 Return on Investment to Reading | (210,620) | (206,709) | (1,661,493) | (1,653,671) | 0.5% |
| 426 Loss on Disposal | - | - | - | - | 0.0% |
| 431 Interest Expense | (2,010) | (3,783) | (16,087) | (30,182) | (46.7%) |
| Total Non Operating Revenues (Expenses) | (185,652) | (125,632) | (981,989) | (874,672) | 12.3% |
| Change in Net Assets | 1,274,972 | 364,557 | 3,849,939 | 926,873 | 315.4% |
| Net Assets at Beginning of Year | 122,032,806 | 119,334,812 | 122,032,806 | 119,334,812 | 2.3% |
| Ending Net Assets | \$ 123,307,778 | \$ 119,699,370 | \$ 125,882,744 | \$ 120,261,686 | 4.7% |

Town of Reading, Massachusetts
Municipal Light Department
Business Type Proprietary Fund
Statement of Budgeted Revenues, Expenses and Changes in Fund Net Assets
8/31/2022

| | Actual Year to Date | Budget through AUG 2022 | OVER/UNDER \$ | OVER/UNDER % |
|---|------------------------|----------------------------|------------------|-----------------|
| Operating Revenues | | | | |
| Base Revenue | \$ 20,359,977 | \$ 20,066,379 | \$ 293,597 | 1.5% |
| Fuel Revenue | 24,362,585 | 17,681,571 | 6,681,015 | 37.8% |
| Purchased Power Capacity & Transmission | 21,311,219 | 23,623,663 | (2,312,444) | (9.8%) |
| Forfeited Discounts | 539,700 | 601,991 | (62,291) | (10.3%) |
| Energy Conservation Revenue | 1,317,307 | 1,327,767 | (10,460) | (0.8%) |
| NYP&A Credit | (828,950) | (704,868) | (124,082) | 17.6% |
| Total Operating Revenues | 67,061,838 | 62,596,504 | 4,465,334 | 7.1% |

Expenses

PRELIMINARY

Power Expenses:

| | | | | |
|----------------------------------|-------------------|-------------------|------------------|--------------|
| 555 Purchased Power Fuel | 24,614,213 | 16,976,703 | 7,637,510 | 45.0% |
| 555 Purchased Power Capacity | 10,121,725 | 11,318,874 | (1,197,149) | (10.6%) |
| 565 Purchased Power Transmission | 10,997,997 | 12,304,789 | (1,306,793) | (10.6%) |
| Total Purchased Power | 45,733,935 | 40,600,366 | 5,133,569 | 12.6% |

Operations and Maintenance Expenses:

| | | | | |
|--|------------------|------------------|------------------|----------------|
| 580 Supervision and Engineering | 736,515 | 769,059 | (32,544) | (4.2%) |
| 581 Station/Control Room Operators | 329,643 | 359,295 | (29,652) | (8.3%) |
| 582 Station Technicians | 363,599 | 449,709 | (86,110) | (19.1%) |
| 583 Line General Labor | 494,878 | 749,897 | (255,019) | (34.0%) |
| 586 Meter General | 137,500 | 131,859 | 5,642 | 4.3% |
| 588 Materials Management | 288,576 | 314,107 | (25,531) | (8.1%) |
| 593 Maintenance of Lines - Overhead | 204,465 | 368,150 | (163,685) | (44.5%) |
| 593 Maintenance of Lines - Tree Trimming | 591,944 | 605,184 | (13,241) | (2.2%) |
| 594 Maintenance of Lines - Underground | 131,272 | 58,759 | 72,513 | 123.4% |
| 595 Maintenance of Line - Transformers | 62,185 | 248,773 | (186,589) | (75.0%) |
| 598 Line General Leave Time Labor | 264,278 | 318,522 | (54,244) | (17.0%) |
| Total Operations and Maintenance Expenses | 3,604,855 | 4,373,315 | (768,460) | (17.6%) |

General & Administration Expenses:

| | | | | |
|--|------------------|-------------------|--------------------|----------------|
| 903 Customer Collection | 733,351 | 784,164 | (50,814) | (6.5%) |
| 904 Uncollectible Accounts | 40,000 | 70,000 | (30,000) | (42.9%) |
| 916 Energy Audit | 594,206 | 658,187 | (63,981) | (9.7%) |
| 916 Energy Conservation | 868,241 | 1,627,401 | (759,159) | (46.6%) |
| 920 Administrative and General Salaries | 1,318,501 | 1,582,558 | (264,057) | (16.7%) |
| 921 Office Supplies and Expense | 10,145 | 13,333 | (3,188) | (23.9%) |
| 923 Outside Services - Legal | 249,444 | 303,945 | (54,502) | (17.9%) |
| 923 Outside Services - Contract | 209,191 | 490,467 | (281,276) | (57.3%) |
| 923 Outside Services - Education | 34,393 | 219,884 | (185,491) | (84.4%) |
| 924 Property Insurance | 283,448 | 371,000 | (87,552) | (23.6%) |
| 925 Injuries and Damages | 7,705 | 17,067 | (9,362) | (54.9%) |
| 926 Employee Pensions and Benefits | 2,675,918 | 2,547,550 | 128,368 | 5.0% |
| 930 Miscellaneous General Expense | 266,010 | 386,751 | (120,742) | (31.2%) |
| 931 Rent Expense | 160,594 | 141,333 | 19,261 | 13.6% |
| 933 Vehicle Expense | 183,410 | 252,667 | (69,257) | (27.4%) |
| 933 Vehicle Expense - Capital Clearing | (276,007) | (184,285) | (91,721) | 49.8% |
| 935 Maintenance of General Plant | 357,725 | 475,414 | (117,689) | (24.8%) |
| 935 Maintenance of Building & Garage | 656,151 | 619,812 | 36,339 | 5.9% |
| Total General & Administration Expenses | 8,372,424 | 10,377,248 | (2,004,824) | (19.3%) |

Town of Reading, Massachusetts
Municipal Light Department
Business Type Proprietary Fund
Statement of Budgeted Revenues, Expenses and Changes in Fund Net Assets
8/31/2022

Other Operating Expenses:

| | | | | |
|---------------------------------|------------------|------------------|--------------|-------------|
| 403 Depreciation | 3,371,601 | 3,372,584 | (983) | (0.0%) |
| 408 Voluntary Payments to Towns | 1,147,096 | 1,138,559 | 8,537 | 0.7% |
| Total Other Expenses | <u>4,518,697</u> | <u>4,511,143</u> | <u>7,554</u> | <u>0.2%</u> |
| Operating Income | 4,831,928 | 2,734,432 | 2,097,496 | 76.7% |

Non Operating Revenues (Expenses):

| | | | | |
|---|---------------------|---------------------|---------------------|---------------|
| 419 Interest Income | 130,336 | 200,000 | (69,664) | (34.8%) |
| 419 Other Income | 565,256 | 473,333 | 91,923 | 19.4% |
| 421 Intergovernment Grants | - | 60,000 | (60,000) | (100.0%) |
| 426 Return on Investment to Reading | (1,661,493) | (1,685,725) | 24,231 | (1.4%) |
| 426 Loss on Disposal | - | (66,667) | 66,667 | (100.0%) |
| 431 Interest Expense | (16,087) | (26,667) | 10,579 | (39.7%) |
| Total Non Operating Revenues (Expenses) | <u>(981,989)</u> | <u>(1,045,725)</u> | <u>63,736</u> | <u>(6.1%)</u> |
| Change in Net Assets | <u>\$ 3,849,939</u> | <u>\$ 1,688,707</u> | <u>\$ 2,161,232</u> | <u>128.0%</u> |

Town of Reading, Massachusetts
Municipal Light Department
Statement of Net Assets
9/30/2022

| | 2022 | 2021 |
|------------------------------------|--------------------|--------------------|
| ASSETS | | |
| Current: | | |
| Unrestricted Cash | \$ 20,166,377 | \$ 23,960,251 |
| Restricted Cash | 34,225,623 | 27,294,798 |
| Restricted Investments | 1,040,049 | 2,681,328 |
| Receivables, Net | 9,036,239 | 8,142,608 |
| Prepaid Expenses | 1,883,758 | 1,537,077 |
| Inventory | 2,419,297 | 1,823,739 |
| Total Current Assets | 68,771,342 | 65,439,801 |
| Noncurrent: | | |
| Investment in Associated Companies | 964,409 | 874,498 |
| Capital Assets, Net | 86,507,501 | 84,812,998 |
| Total Noncurrent Assets | 87,471,910 | 85,687,497 |
| Deferred Outflows - Pension Plan | 6,754,497 | 5,360,409 |
| TOTAL ASSETS | 162,997,749 | 156,487,707 |

PRELIMINARY

| | | |
|---------------------------------------|-------------------|-------------------|
| LIABILITIES | | |
| Current | | |
| Accounts Payable | 7,575,803 | 6,285,221 |
| Accrued Liabilities | 551,633 | 732,144 |
| Customer Deposits | 1,662,351 | 1,506,858 |
| Advances from Associated Companies | 200,000 | 200,000 |
| Customer Advances for Construction | 2,624,294 | 2,491,398 |
| Total Current Liabilities | 12,614,080 | 11,215,622 |
| Non-current | | |
| Accrued Employee Compensated Absences | 1,652,518 | 1,968,355 |
| Net OPEB Obligation | 4,158,698 | 7,166,506 |
| Net Pension Liability | 11,954,138 | 12,054,935 |
| Total Non-current Liabilities | 17,765,354 | 21,189,796 |
| Deferred Inflows - Pension Plan | 4,327,923 | 2,652,103 |
| TOTAL LIABILITIES | 34,707,358 | 35,057,521 |

NET POSITION

| | | |
|---|-----------------------|-----------------------|
| Invested in Capital Assets, Net of Related Debt | 86,507,501 | 84,812,998 |
| Restricted for Depreciation Fund | 11,535,846 | 8,304,969 |
| Restricted for Pension Trust | 6,825,251 | 4,458,834 |
| Unrestricted | 23,421,794 | 23,853,384 |
| TOTAL NET POSITION | 128,290,392 | 121,430,186 |
| Total Liabilities and Net Assets | \$ 162,997,749 | \$ 156,487,707 |

Town of Reading, Massachusetts
Municipal Light Department
Business Type Proprietary Fund
Statement of Revenues, Expenses and Changes in Fund Net Assets
9/30/2022

| | Month Current Year | Month Last Year | Year to Date Current Year | Year to Date Last Year | Percent Change |
|---|-----------------------|--------------------|------------------------------|---------------------------|-------------------|
| Operating Revenues | | | | | |
| Base Revenue | \$ 2,961,392 | \$ 2,751,033 | \$ 23,321,368 | \$ 21,317,656 | 9.4% |
| Fuel Revenue | 3,878,465 | 2,625,374 | 28,241,051 | 19,853,203 | 42.2% |
| Purchased Power Capacity & Transmission | 2,787,285 | 2,779,125 | 24,098,504 | 24,738,196 | (2.6%) |
| Forfeited Discounts | 83,143 | 89,894 | 622,843 | 614,616 | 1.3% |
| Energy Conservation Revenue | 191,944 | 64,832 | 1,509,251 | 499,394 | 202.2% |
| NYPA Credit | (105,395) | (88,123) | (934,346) | (821,686) | 13.7% |
| Total Operating Revenues | 9,796,834 | 8,222,135 | 76,858,672 | 66,201,379 | 16.1% |

PRELIMINARY

Expenses

Power Expenses:

| | | | | | |
|----------------------------------|------------------|------------------|-------------------|-------------------|--------------|
| 547 Purchased Power Fuel | 1,818,347 | 1,750,669 | 26,432,560 | 20,833,620 | 26.9% |
| 555 Purchased Power Capacity | 1,102,160 | 1,394,653 | 11,223,885 | 12,800,991 | (12.3%) |
| 565 Purchased Power Transmission | 1,957,929 | 1,824,366 | 12,955,925 | 12,238,235 | 5.9% |
| Total Purchased Power | 4,878,435 | 4,969,687 | 50,612,370 | 45,872,846 | 10.3% |

Operations and Maintenance Expenses:

| | | | | | |
|--|----------------|----------------|------------------|------------------|--------------|
| 580 Supervision and Engineering | 88,106 | 105,546 | 824,622 | 782,053 | 5.4% |
| 581 Station/Control Room Operators | 43,254 | 48,801 | 372,898 | 367,158 | 1.6% |
| 582 Station Technicians | 51,421 | 33,898 | 415,020 | 424,528 | (2.2%) |
| 583 Line General Labor | 57,391 | 53,047 | 552,268 | 438,746 | 25.9% |
| 586 Meter General | 19,475 | 15,888 | 156,976 | 128,708 | 22.0% |
| 588 Materials Management | 39,419 | 45,668 | 327,995 | 318,471 | 3.0% |
| 593 Maintenance of Lines - Overhead | 79,524 | 7,099 | 283,989 | 226,432 | 25.4% |
| 593 Maintenance of Lines - Tree Trimming | 65,418 | 20,488 | 657,361 | 413,924 | 58.8% |
| 594 Maintenance of Lines - Underground | 51,242 | (851) | 182,514 | 17,113 | 966.5% |
| 595 Maintenance of Line - Transformers | 66,096 | 33,833 | 128,281 | 132,702 | (3.3%) |
| 598 Line General Leave Time Labor | 68,739 | 38,519 | 333,017 | 257,413 | 29.4% |
| Total Operations and Maintenance Expenses | 630,086 | 401,938 | 4,234,940 | 3,507,247 | 20.7% |

General & Administration Expenses:

| | | | | | |
|--|------------------|----------------|------------------|------------------|-------------|
| 903 Customer Collections | 126,161 | 90,228 | 859,512 | 801,390 | 7.3% |
| 904 Uncollectible Accounts | 5,000 | 8,750 | 45,000 | 78,750 | (42.9%) |
| 916 Energy Audit | 49,051 | 62,759 | 643,257 | 549,829 | 17.0% |
| 916 Energy Conservation | 168,633 | 119,191 | 1,036,874 | 1,051,687 | (1.4%) |
| 920 Administrative and General Salaries | 235,067 | 197,131 | 1,553,568 | 1,455,101 | 6.8% |
| 921 Office Supplies and Expense | 1,045 | 1,197 | 11,190 | 10,787 | 3.7% |
| 923 Outside Services - Legal | 72,428 | 51,663 | 321,871 | 318,237 | 1.1% |
| 923 Outside Services - Contract | 7,500 | 21,874 | 216,691 | 203,392 | 6.5% |
| 923 Outside Services - Education | 373 | 4,250 | 34,766 | 16,426 | 111.7% |
| 924 Property Insurance | 32,768 | 33,111 | 316,216 | 328,855 | (3.8%) |
| 925 Injuries and Damages | 8,399 | 676 | 16,104 | 23,394 | (31.2%) |
| 926 Employee Pensions and Benefits | 287,292 | 271,777 | 2,963,210 | 2,568,505 | 15.4% |
| 930 Miscellaneous General Expense | 7,337 | 8,353 | 273,346 | 255,915 | 6.8% |
| 931 Rent Expense | 13,932 | 32,717 | 174,526 | 169,581 | 2.9% |
| 933 Vehicle Expenses | 18,161 | 20,352 | 201,571 | 252,053 | (20.0%) |
| 933 Vehicle Expenses - Capital | (26,709) | (39,043) | (302,715) | (272,489) | 11.1% |
| 935 Maintenance of General Plant | 64,984 | 23,873 | 422,709 | 364,576 | 15.9% |
| 935 Maintenance of Building & Garage | 47,812 | 74,135 | 703,963 | 616,776 | 14.1% |
| Total General & Administration Expenses | 1,119,235 | 982,994 | 9,491,659 | 8,792,764 | 7.9% |

Town of Reading, Massachusetts
Municipal Light Department
Business Type Proprietary Fund
Statement of Revenues, Expenses and Changes in Fund Net Assets
9/30/2022

| | Month Current Year | Month Last Year | Year to Date Current Year | Year to Date Last Year | Percent Change |
|---|-----------------------|-----------------------|------------------------------|---------------------------|-------------------|
| Other Operating Expenses: | | | | | |
| 403 Depreciation | 421,450 | 406,980 | 3,793,051 | 3,662,817 | 3.6% |
| 408 Voluntary Payments to Towns | 143,387 | 137,953 | 1,290,483 | 1,241,577 | 3.9% |
| Total Other Expenses | <u>564,837</u> | <u>544,933</u> | <u>5,083,534</u> | <u>4,904,394</u> | <u>3.7%</u> |
| Operating Income | 2,604,241 | 1,322,584 | 7,436,168 | 3,124,129 | 138.0% |
| Non Operating Revenues (Expenses): | | | | | |
| 419 Interest Income | 19,618 | 2,330 | 149,954 | 116,338 | 28.9% |
| 419 Other | (3,558) | 54,081 | 561,698 | 749,255 | (25.0%) |
| 426 Return on Investment to Reading | (210,620) | (206,709) | (1,872,114) | (1,860,379) | 0.6% |
| 426 Loss on Disposal | - | - | - | - | 0.0% |
| 431 Interest Expense | (2,033) | (3,786) | (18,120) | (33,968) | (46.7%) |
| Total Non Operating Revenues (Expenses) | <u>(196,593)</u> | <u>(154,083)</u> | <u>(1,178,582)</u> | <u>(1,028,755)</u> | <u>14.6%</u> |
| Change in Net Assets | 2,407,648 | 1,168,501 | 6,257,586 | 2,095,374 | 198.6% |
| Net Assets at Beginning of Year | 122,032,806 | 119,334,812 | 122,032,806 | 119,334,812 | 2.3% |
| Ending Net Assets | <u>\$ 124,440,453</u> | <u>\$ 120,503,313</u> | <u>\$ 128,290,392</u> | <u>\$ 121,430,186</u> | <u>5.6%</u> |

Town of Reading, Massachusetts
Municipal Light Department
Business Type Proprietary Fund
Statement of Budgeted Revenues, Expenses and Changes in Fund Net Assets
9/30/2022

Operating Revenues

| | | | | | |
|---|-------------------|-------------------|-------------------|------------------|-------------|
| Base Revenue | \$ 23,321,368 | \$ 30,099,569 | \$ 22,574,677 | \$ 746,692 | 3.3% |
| Fuel Revenue | 28,241,051 | 26,522,356 | 19,891,767 | 8,349,284 | 42.0% |
| Purchased Power Capacity & Transmission | 24,098,504 | 35,435,495 | 26,576,621 | (2,478,117) | (9.3%) |
| Forfeited Discounts | 622,843 | 902,987 | 677,240 | (54,397) | (8.0%) |
| Energy Conservation Revenue | 1,509,251 | 1,991,651 | 1,493,738 | 15,513 | 1.0% |
| NYP&A Credit | (934,346) | (1,057,302) | (792,977) | (141,369) | 17.8% |
| Total Operating Revenues | 76,858,672 | 93,894,756 | 70,421,067 | 6,437,605 | 9.1% |

Expenses

PRELIMINARY

Power Expenses:

| | | | | | |
|----------------------------------|-------------------|-------------------|-------------------|------------------|--------------|
| 555 Purchased Power Fuel | 26,432,560 | 25,465,054 | 19,098,791 | 7,333,769 | 38.4% |
| 555 Purchased Power Capacity | 11,223,885 | 16,978,311 | 12,733,733 | (1,509,848) | (11.9%) |
| 565 Purchased Power Transmission | 12,955,925 | 18,457,184 | 13,842,888 | (886,963) | (6.4%) |
| Total Purchased Power | 50,612,370 | 60,900,549 | 45,675,412 | 4,936,958 | 10.8% |

Operations and Maintenance Expenses:

| | | | | | |
|--|------------------|------------------|------------------|------------------|----------------|
| 580 Supervision and Engineering | 824,622 | 1,153,589 | 865,192 | (40,570) | (4.7%) |
| 581 Station/Control Room Operators | 372,898 | 538,942 | 404,207 | (31,309) | (7.7%) |
| 582 Station Technicians | 415,020 | 674,564 | 505,923 | (90,904) | (18.0%) |
| 583 Line General Labor | 552,268 | 1,124,845 | 843,634 | (291,365) | (34.5%) |
| 586 Meter General | 156,976 | 197,788 | 148,341 | 8,635 | 5.8% |
| 588 Materials Management | 327,995 | 471,160 | 353,370 | (25,375) | (7.2%) |
| 593 Maintenance of Lines - Overhead | 283,989 | 552,225 | 414,169 | (130,180) | (31.4%) |
| 593 Maintenance of Lines - Tree Trimming | 657,361 | 907,776 | 680,832 | (23,471) | (3.4%) |
| 594 Maintenance of Lines - Underground | 182,514 | 88,139 | 66,104 | 116,409 | 176.1% |
| 595 Maintenance of Line - Transformers | 128,281 | 373,160 | 279,870 | (151,589) | (54.2%) |
| 598 Line General Leave Time Labor | 333,017 | 477,783 | 358,337 | (25,320) | (7.1%) |
| Total Operations and Maintenance Expenses | 4,234,940 | 6,559,972 | 4,919,979 | (685,039) | (13.9%) |

General & Administration Expenses:

| | | | | | |
|--|------------------|-------------------|-------------------|--------------------|----------------|
| 903 Customer Collection | 859,512 | 1,176,246 | 882,185 | (22,673) | (2.6%) |
| 904 Uncollectible Accounts | 45,000 | 105,000 | 78,750 | (33,750) | (42.9%) |
| 916 Energy Audit | 643,257 | 987,280 | 740,460 | (97,203) | (13.1%) |
| 916 Energy Conservation | 1,036,874 | 2,441,101 | 1,830,826 | (793,952) | (43.4%) |
| 920 Administrative and General Salaries | 1,553,568 | 2,373,838 | 1,780,378 | (226,810) | (12.7%) |
| 921 Office Supplies and Expense | 11,190 | 20,000 | 15,000 | (3,810) | (25.4%) |
| 923 Outside Services - Legal | 321,871 | 455,918 | 341,939 | (20,068) | (5.9%) |
| 923 Outside Services - Contract | 216,691 | 735,700 | 551,775 | (335,084) | (60.7%) |
| 923 Outside Services - Education | 34,766 | 329,826 | 247,370 | (212,604) | (85.9%) |
| 924 Property Insurance | 316,216 | 556,500 | 417,375 | (101,159) | (24.2%) |
| 925 Injuries and Damages | 16,104 | 25,600 | 19,200 | (3,096) | (16.1%) |
| 926 Employee Pensions and Benefits | 2,963,210 | 3,821,325 | 2,865,994 | 97,217 | 3.4% |
| 930 Miscellaneous General Expense | 273,346 | 580,127 | 435,095 | (161,749) | (37.2%) |
| 931 Rent Expense | 174,526 | 212,000 | 159,000 | 15,526 | 9.8% |
| 933 Vehicle Expense | 201,571 | 379,000 | 284,250 | (82,679) | (29.1%) |
| 933 Vehicle Expense - Capital Clearing | (302,715) | (276,428) | (207,321) | (95,394) | 46.0% |
| 935 Maintenance of General Plant | 422,709 | 713,120 | 534,840 | (112,131) | (21.0%) |
| 935 Maintenance of Building & Garage | 703,963 | 929,718 | 697,289 | 6,674 | 1.0% |
| Total General & Administration Expenses | 9,491,659 | 15,565,872 | 11,674,404 | (2,182,745) | (18.7%) |

Town of Reading, Massachusetts
Municipal Light Department
Business Type Proprietary Fund
Statement of Budgeted Revenues, Expenses and Changes in Fund Net Assets
9/30/2022

Other Operating Expenses:

| | | | | | |
|---------------------------------|------------------|------------------|------------------|--------------|-------------|
| 403 Depreciation | 3,793,051 | 5,058,876 | 3,794,157 | (1,106) | (0.0%) |
| 408 Voluntary Payments to Towns | 1,290,483 | 1,707,839 | 1,280,879 | 9,604 | 0.7% |
| Total Other Expenses | <u>5,083,534</u> | <u>6,766,715</u> | <u>5,075,036</u> | <u>8,498</u> | <u>0.2%</u> |
| Operating Income | 7,436,168 | 4,101,648 | 3,076,236 | 4,359,933 | 141.7% |

Non Operating Revenues (Expenses):

| | | | | | |
|---|---------------------|---------------------|---------------------|---------------------|---------------|
| 419 Interest Income | 149,954 | 300,000 | 225,000 | (75,046) | (33.4%) |
| 419 Other Income | 561,698 | 710,000 | 532,500 | 29,198 | 5.5% |
| 421 Intergovernment Grants | - | 90,000 | 67,500 | (67,500) | (100.0%) |
| 426 Return on Investment to Reading | (1,872,114) | (2,528,587) | (1,896,440) | 24,327 | (1.3%) |
| 426 Loss on Disposal | - | (100,000) | (75,000) | 75,000 | (100.0%) |
| 431 Interest Expense | (18,120) | (40,000) | (30,000) | 11,880 | (39.6%) |
| Total Non Operating Revenues (Expenses) | <u>(1,178,582)</u> | <u>(1,568,587)</u> | <u>(1,176,440)</u> | <u>(2,142)</u> | <u>0.2%</u> |
| Change in Net Assets | <u>\$ 6,257,586</u> | <u>\$ 2,533,061</u> | <u>\$ 1,899,796</u> | <u>\$ 4,357,791</u> | <u>229.4%</u> |

From: [Maureen Sullivan](#)
To: [Erica Morse](#)
Cc: [Paula O'Leary](#)
Subject: Surplus Update - November 2022
Date: Wednesday, November 30, 2022 3:19:23 PM

Good afternoon, Erica,

I am sending this email to inform you that there were NO Surplus Items of Substantial Value that were disposed of in November 2022.

Thank you,
Maureen

Maureen Sullivan
Assistant Materials Manager
Reading Municipal Light Department (RMLD)
230 Ash Street
Reading, MA 01867

Tel. No. 781-942-6441
Email: msullivan@rmlld.com