

**READING MUNICIPAL
LIGHT DEPARTMENT**

BOARD OF COMMISSIONERS

REGULAR SESSION

THURSDAY, MARCH 21, 2019

APPROVAL OF BOARD MINUTES
DECEMBER 20, 2018 AND
JANUARY 24, 2019
ATTACHMENT 1



Town of Reading Meeting Minutes

Board - Committee - Commission - Council:

RMLD Board of Commissioners

Date: 2018-12-20

Time: 07:30 PM

Building: Reading Municipal Light Building

Location: Winfred Spurr Audio Visual Room

Address: 230 Ash Street

Session: Open Session

Purpose: General Business

Version: Final

Attendees: **Members - Present:**

David Hennessy, Chair; David Talbot, Vice Chair; John Stempeck, Commissioner; Thomas O'Rourke, Commissioner; Philip B. Pacino, Commissioner

Members - Not Present:

Others Present:

RMLD Staff: Hamid Jaffari, Director of Engineering and Operations; Charles Underhill, Director of Integrated Resources; Tracy Schultz, Executive Assistant

Citizens' Advisory Board: Vivek Soni, Member

Town of Reading: Vanessa Alvarado, Select Board Member and RMLD Liaison

RMLD Staff: Nick D'Alleva, Maureen Hanifan, Brian Smith, Vaughn Bryan, Patricia Mellino, Paul McGonagle, Joyce Mulvaney, Katie Mahan, Matt Brown, Tom Ollila, Ben Thivierge, Paul Galvin, Peter Price, Rahul Shah, Laurie Ann Sylvia, Trevor Legere

IBEW Local 103: Louis Ciarclone, Attorney

Minutes Respectfully Submitted By: Thomas O'Rourke, Secretary Pro Tem

Topics of Discussion:

Call Meeting to Order

Chair Hennessy called the meeting to order and read RMLD's Code of Conduct. Chair Hennessy announced that the meeting is being videotaped at the RMLD office at 230 Ash Street, for distribution to the community television stations in North Reading, Lynnfield, and Wilmington.

Public Comment

Chair Hennessy welcomed Mr. Soni and Ms. Alvarado, who had no comments. Chair Hennessy welcomed the RMLD employees in attendance. Mr. O'Rourke agreed to serve as secretary. Mr. Soni commented that Mr. Underhill gave a presentation at the CAB meeting the night before. Ms. Alvarado commented that the Town is in the process of scheduling a meeting with legal counsel to discuss RMLD's payment to the Town and that the Select Board is meeting on the eighth of January. Mr. Stempeck and Mr. Pacino stated that they plan on attending.

There was no public comment.

Report of the Citizens' Advisory Board Meeting on December 19, 2018

Mr. Pacino added to Mr. Soni's previous comments, stating that Ms. Markiewicz reviewed the audit results with the CAB.

Report of the Chair

a. Discussion and Update Quantifying RMLD's Current Renewable Supply Portfolio

Mr. Talbot stated that this agenda item is regarding a prior discussion on RMLD's renewable/sustainable portfolio and what the terminology means. The State has an emissions reporting system. Because RMLD is a muni doesn't have to report. But if RMLD did choose to report, its renewables would be close to zero. Mr. Talbot added that RMLD should stick to common definitions. Mr. Stempeck asked what the implications are-whether RMLD should handle its RECs differently or change where its power supply is purchased from. Mr. Talbot stated that there aren't any implications unless RMLD wants there to be. Mr. O'Rourke commented on the importance of getting the vocabulary right. Mr. Talbot emphasized the need for transparency. Mr. Stempeck recognized Mr. Talbot's concerns and suggested tabling the discussion for a later time.

b. Sub-Committee on the Payment to the Town of Reading and Town Meeting on November 15, 2018 – Mr. Pacino and Mr. Stempeck

Mr. Pacino explained that the Town is doing an analysis and he hopes that RMLD and the CAB would get a copy of analysis.

Integrated Resources Division – Mr. Underhill

a. Power Supply Report – September and October 2018

Mr. Hennessy asked Mr. Underhill if he had any comments on renewables. Mr. Underhill replied that there are different methods of reporting resource portfolios to the State. Most utilities report to the Department of Environmental Protections annually and report on their carbon and non-carbon emissions. Carbon-free resources, such as nuclear, hydro, wind, and solar get reported. Mr. Underhill stated that he believes that Mr. Talbot was referring to the definition of "renewable" in M.G.L. Chapter 25, that talks about sustainable resources. Sustainable resources include both those that emit carbon (such as wood or trash burning) and non-carbon emitting. Mr. Underhill stated that he personally has a problem with the REC system. There are municipalities in Massachusetts that are offsetting their carbon emissions by buying RECs so they go to a 100 percent renewable portfolio while continuing to use gas-fired resources. Addressing definitions becomes a policy decision. Mr. Underhill explained that since it's a policy decision he will answer technical questions but will not offer advice. Mr. Underhill explained that when he worked at Danvers filed a greenhouse gas emissions report and listed whether a resource was carbon-emitting. Danvers did not get into whether a resource was defined as sustainable.

Mr. Underhill then discussed how the purchase power budget projections for the year compare to the actual results. The variance is fairly low and RMLD is expecting to finish the year relatively on target. Mr. Underhill explained that the power supply budget is comprised of seven components. Three of those account for 99 percent of costs: energy, capacity, and transmission. Energy is roughly 80 percent, capacity is roughly 15 percent, and transmission is roughly five percent of that 99 percent. The percentages change from year to year. Mr. Underhill explained that the energy component is the largest and is subject to the most volatility. Capacity rates are set several years in advance and once RMLD knows its peak for the previous year that's what gets put into the budget. RMLD's energy costs are a bit below what was budgeted. Mr. Underhill then discussed capacity costs and explained that they track closely to what was budgeted. Mr. Underhill presented a chart showing how the portfolio breaks down monthly and drew the Board's attention to market exposure. Mr. Underhill explained that market exposure is where there's the most price volatility and risk. Risk is determined by how much load profile differs by forecast and actual. Weather extremes drive cost because the higher the New England load, the less-economic resources are used. RMLD has protections built into its portfolio so that there are caps. RMLD's target is 10 to 15 percent exposure to the market. Each municipal utility targets a different level of exposure. Some are zero and have contracts assigning power supply to a third party. In September the loads were below what was expected and RMLD sold energy back

Integrated Resources Division – Mr. Underhill

a. Power Supply Report – September and October 2018

to the market. Mr. Stempeck asked if RMLD sold the energy at the same price it was bought. Mr. Underhill explained that there's an hourly market price and that it's generally close.

b. Strategic Power Supply Pilot

Mr. Underhill explained that about a year ago RMLD, with Commissioner approval, entered into a Transaction Facilitation Agreement with NextEra. NextEra has come to RMLD with a second program, a Load Following Agreement. It would take risk components out of RMLD's portfolio. If RMLD's actual is different from its budget that gets settled in the real-time market and can lead to settling at very high prices. There are protective caps but RMLD prefers to avoid adding high costs to the portfolio. NextEra's strategy is to match with RMLD's budget and the variance risk therefore goes away. They will fix a price based on the market forecast and RMLD will have to approve before they can proceed as part of the pilot program. Controls are being established to protect both parties. Mr. Stempeck asked how NextEra makes its money in this scenario. Mr. Underhill explained that they charge a fee for megawatt hours that they aggregate, and they market savings to RMLD based on their ability to manage the market. They will set the transaction price, which will remove the price risk. They are guaranteeing to serve the actual load, so that removes load volatility. Mr. Underhill added that it would free up some of his staff resources over the next year so that he can begin to implement programs that he was brought on board to take care of.

Mr. Underhill summarized that NextEra would be fixing the load, fixing the price, and then calculating the cost. RMLD has a market-based price and both will be compared to mete out the transaction flow. Some months RMLD will owe NextEra and some months NextEra will owe RMLD, but RMLD is expecting a net benefit. Mr. Underhill compared it to having a financial advisor manage a retirement portfolio: they are paid a fee and try to make the soundest decisions. Mr. Underhill stated that he has begun drafting analysis for benefits of TFA and LFA and is working on how to do a baseline analysis absent both programs. The risk is very low and RMLD will not sign until the market has come down from a jump in November due to the cold.

Mr. Pacino made a motion, seconded by Mr. Stempeck, that the RMLD Board of Commissioners accept the Physical Load Following and Power Sale and Purchase Confirmation as presented and authorize the General Manager to enter into purchase power agreements that satisfy the criteria set forth in the Risk Management Strategy, on the recommendation of the General Manager. As a matter of protocol, the Department will provide a report on transactions relative to this strategy.

Motion Carried: 5:0:0.

Engineering and Operations Report – October 2018 – Mr. Jaffari

Mr. Jaffari began by discussing major construction projects that are currently underway or have been recently completed, including upgrades to transmission lines feeding Station 4, pole line upgrades on Woburn Street, Wilmington, and getaway improvements at Station 4. Mr. Jaffari then discussed area upgrades to aging underground equipment and explained that the life expectancy of a transformer is 20 to 25 years. 1,600 are in that category. RMLD has developed a proactive maintenance program that prioritizes upgrades based on the age and condition of the existing equipment. Mr. Jaffari then showed before and after photos of replaced equipment. Mr. Jaffari announced that the Grid Modernization Outage Management System is installed and is testing is in progress to ensure that the system is integrated. The installation of the Interactive Voice Response has started and is 30 percent completed. In the first quarter of 2019, RMLD will be campaigning for customers to go on the website and enroll in their preferred method of contact in the event of an outage. The system will be tested throughout 2019. Mr. Jaffari then discussed automation projects, explaining that RMLD has a 15-year plan to replace outdated switches with Smart Grid devices to improve operational efficiency. Mr. Jaffari then reviewed the progress being made on maintenance programs including pole inspections and tree trimming. Mr. Jaffari reviewed double poles and then discussed reliability indices and stated that RMLD is higher than the regional average in

Engineering and Operations Report – October 2018 – Mr. Jaffari

system frequency due to storms. Outages caused by motor vehicle accidents have increased. Outages caused by equipment are decreasing but a lot of upgrades are still needed. Mr. Soni asked what the “Natural” category meant. Mr. Jaffari explained that is going to be changed to “Other” and gave the example of an August, 2018 outage that was caused by realtor balloons.

RMLD Procurement Requests Requiring Board Approval – Mr. Jaffari

IFP 2019-04: Solid Dielectric Padmounted Switchgear

Mr. Jaffari explained that these are the padmount switchgears that are used for industrial and commercial customers. They are outdated and RMLD has a program to replace 25 to 30 of them, five a year. RMLD is still waiting for delivery on five. RMLD is transitioning to new technology. They are solid dielectric, which means that there is no oil. Eversource and National Grid are transitioning to this technology as well. Mr. Jaffari explained that this was budgeted for \$312,500 but he is recommending that the Board approve the proposal.

Mr. Pacino made a motion, seconded by Mr. O’Rourke, that proposal **2019-04 for: Solid Dielectric Padmounted Switchgear** be awarded to: **Innovative Switchgear Solutions, Inc.** for **\$333,250.00**, pursuant to Chapter 164, Section 56D, on the recommendation of the General Manager.

Motion Carried: 5:0:0.

General Discussion

Meeting dates were discussed.

Adjournment

At 9:00 p.m., Mr. Pacino made a motion, seconded by Mr. O’Rourke, that the Board go into Executive Session to consider the purchase of real property and to discuss confidential, competitively-sensitive and proprietary information in relation to making, selling, or distributing electric power and energy, and return to Regular Session for the sole purpose of adjournment.

A true copy of the RMLD Board of Commissioners minutes
as approved by a majority of the Commission.

Thomas O’Rourke, Secretary Pro Tem
RMLD Board of Commissioners



Town of Reading Meeting Minutes

Board - Committee - Commission - Council:

RMLD Board of Commissioners

Date: 2019-01-24

Time: 07:30 PM

Building: Reading Municipal Light Building

Location: Winfred Spurr Audio Visual Room

Address: 230 Ash Street

Session: Open Session

Purpose: General Business

Version: Final

Attendees: **Members - Present:**

David Hennessy, Chair; David Talbot, Vice Chair; John Stempeck, Commissioner; Tom O'Rourke, Commissioner; Philip B. Pacino, Commissioner

Members - Not Present:

Others Present:

RMLD Staff: Coleen O'Brien, General Manager; Hamid Jaffari, Director of Engineering and Operations; Charles Underhill, Director of Integrated Resources; Tracy Schultz, Executive Assistant

Citizens' Advisory Board: George Hooper, Member

KP Law: Christopher Pollart, Attorney

Town of Reading: Vanessa Alvarado, Select Board Member and RMLD Liaison
Mark Dockser, Financial Committee, Karen Herrick, Financial Committee

Minutes Respectfully Submitted By: David Talbot, Secretary Pro Tem

Topics of Discussion:

Call Meeting to Order

Chair Hennessy called the meeting to order and read RMLD's Code of Conduct. Chair Hennessy announced that the meeting is being videotaped at the RMLD office at 230 Ash Street, for distribution to the community television stations in North Reading, Lynnfield, and Wilmington.

Public Comment

Chair Hennessy announced that two members are running for reelection to the Board. Mr. Pacino stated that he is a candidate for reelection and that he has been on the Board for 32 years. Mr. Pacino stated that he has a lot of knowledge and feels that he still has a lot to contribute over the next three years. When asked, Mr. Talbot confirmed that he is also seeking reelection. Chair Hennessy welcomed Mr. Hooper, Ms. Alvarado, and Mr. Dockser. Mr. Talbot agreed to serve as secretary. Mr. Hooper stated that the CAB met the previous evening. There was no comment from the liaisons and no public comment.

Approval of Board Minutes

Mr. Pacino made a motion, seconded by Mr. Stempeck, that the Board approve the meeting minutes of October 18, 2018 and November 29, 2018, on the recommendation of the General Manger.

Motion Carried: 5:0:0.

Status of the Payment to the Town of Reading – Update from the Sub-Committee

a. Report of the January 8, 2019 meeting with Select Board - Mr. Pacino & Mr. Stempeck

Chair Hennessy stated that all the Commissioners attended the Select Board meeting.

b. Discussion of the proposed agreement presented at the Select Board meeting on January 8, 2019.

Chair Hennessy read the following statement:

As a bridge while RMLD studies how it can continue to help the Town of Reading financially, the RMLD Commissioners have proposed that RMLD freeze the voluntary below-the-line payment that it makes to the Town of Reading at the 2018 level of \$2,480,506 for two years, i.e., 2019 and 2020. In this spirit, the Town of Reading Select board presented the RMLD Board of Commissioners with a draft contract called "Agreement Regarding Distribution of Earnings of RMLD to Reading". The draft contract was very helpful in confirming that a freeze of the voluntary below-the-line payment at the 2018 level would be satisfactory while the RMLD studies and determines a strategy for moving forward. However, our legal counsel has advised us that the use of a contract to document an obligation to pay an amount that is legally recognized as a voluntary payment subject to available funds is not appropriate or consistent with how such matters are handled by other Municipalities.

The RMLD is happy that it can continue to help the Town financially and looks forward to working with the Town of Reading to continue to do so by determining the appropriate formula to be used starting in 2021 for such voluntary payments. Tonight, we would like to formally vote on the amount of the voluntary payment.

Note: Based on the above, we recommend that the *present* Sub-Committee be *dismissed*.

c. Possible amendment and/or approval of proposed agreement.

Chair Hennessy made a motion, seconded by Mr. Stempeck, that the Board of Commissioners direct the RMLD to make certain voluntary payments to the Town of Reading from available below-the-line unappropriated earned surplus for the calendar years 2019 and 2020 as follows:

(1) Each annual payment shall total \$2,480,506 and be paid in semi-annual installments, as follows: \$1,240,253 on June 30, 2019, \$1,240,253 on December 31, 2019, \$1,240,253 on June 30, 2020 and \$1,240,253 on December 31, 2020.

(2) In the event RMLD's below-the-line unappropriated earned surplus is insufficient to make the full annual payment to the Town of Reading or is otherwise required for RMLD to meet its franchise obligations in a particular calendar year, the RMLD Board of Commissioners may vote to reduce the amount of one or both of such annual payments.

Mr. Pacino explained that he would be opposing the motion because he feels that there should be a written memorandum of understanding between all parties with obligations in writing so it's clear for future members of Board and Select Board. Chair Pacino asked to change language in Statement to *dismiss* the *present* Sub-Committee and stated that the Motion doesn't address if kWh sales were to increase.

Mr. Stempeck replied that he disagrees with Mr. Pacino and that doing a motion gives all parties what they want. The numbers included in the proposed contract have not changed. Drafting an obligation in writing will incur significant attorney fees and take more time. The Motion gives everyone what they need. As far as kWh increases, it's impossible to tell if that will happen. Mr. O'Rourke added that a document will take time and a fixed payment is reasonable. RMLD has made continuous payments for over twenty years. Mr. Talbot stated that he concurs with Mr. O'Rourke and added that municipalities don't generally sign an agreement for PILOT payments. This will allow RMLD to begin the process of devising a new formula and move on to other things.

Mr. Pacino pointed out that the CAB is a third-party to the agreement and should also weigh in. Mr. Hooper stated that this eliminates the Sub-Committee and the CAB's involvement and that he understands that the Motion gives Reading the fixed amounts that it can use for budgeting over the next two years. Mr. Stempeck stated that experts will have to determine the new formula for payment. Chair Hennessy added that once that happens, their findings will be presented to the CAB.

Status of the Payment to the Town of Reading – Update from the Sub-Committee

c. Possible amendment and/or approval of proposed agreement.

Mr. Pacino clarified that it is just the present Sub-Committee that is being dismissed and that the Sub-Committee can be re-formed. Mr. Pacino added that under the Twenty-Year Agreement, the CAB has a right to weigh in on any major decisions. Mr. Hooper stated that rates should not be increased in order to make larger payments. Mr. Talbot asked, as a matter of process, since the CAB votes on the budgets, do they need to vote on the Commission's motion? Mr. Pacino suggested, as a courtesy, adding the provision "subject to the Citizens' Advisory Board's review and comment" to the original motion. This was agreed to after discussion and commentary from Attorney Pollart. Attorney Pollart explained that the CAB does not have to approve the motion. Under the Twenty-Year Agreement, the CAB can provide their input under five areas. The only area that would apply in this instance would be "other issues that come before the Board." If, depending on past practice and custom, this is the type of issue that would normally go before the CAB, then they should be consulted. There are also matters that are mandatory for the CAB to be consulted on: the itemized operating budget of the RMLD. However, they can only recommend changes to the budget; this is not an itemized budget.

Chair Hennessy made a motion, seconded by Mr. Stempeck, that the Board of Commissioners, subject to the Citizens' Advisory Board's *review and comment*, direct the RMLD to make certain voluntary payments to the Town of Reading from available below-the-line unappropriated earned surplus for the calendar years 2019 and 2020 as follows:

(1) Each annual payment shall total \$2,480,506 and be paid in semi-annual installments, as follows: \$1,240,253 on June 30, 2019, \$1,240,253 on December 31, 2019, \$1,240,253 on June 30, 2020 and \$1,240,253 on December 31, 2020.

(2) In the event RMLD's below-the-line unappropriated earned surplus is insufficient to make the full annual payment to the Town of Reading or is otherwise required for RMLD to meet its franchise obligations in a particular calendar year, the RMLD Board of Commissioners may vote to reduce the amount of one or both of such annual payments.

Motion Carried: 4:1:0, with Mr. Pacino opposed.

Mr. O'Rourke asked what happens if the CAB rejects the motion. Attorney Pollart explained that the CAB doesn't have the right to vote "yes" or "no." The CAB can only review and comment.

Mr. Pacino asked that the document with the Statement and Motion be added into the official record, as well as the contract sent by the Select Board.

Mr. O'Rourke asked how the Board should inform the Select Board about the motion. Ms. Alvarado suggested sending the motion to the Town Manager who can forward it to the rest of Board. Ms. Alvarado stated she will additionally provide an update to the Select Board at their next meeting.

Report of the Chair – Chair Hennessy

a. Discussion of RMLD Renewable Energy Supply Reporting

Mr. Talbot explained that there is a proposed piece of legislation to ensure that municipal light plants (MLPs) are reducing greenhouse gas emissions. Additionally, there's an optional form that RMLD can file with the state regarding its greenhouse gas emissions. Mr. Underhill explained that the legislation is structured so that Chapter 164, which defines the independence of municipal light plants in the Commonwealth, is left sacrosanct. In exchange, the municipal light plants in Massachusetts have agreed to develop portfolios that reduce carbon emissions. The first target is a seven percent reduction by 2021. MLPs will be reporting to the Department of Environmental Protection. If the MLPs fail to meet the target for the year, penalty funds are to be established and used for compliance, thereby building in an enforcement mechanism. This avoids the issue of RECs and of defining what should be classified as renewable energy. The bill has been introduced to the House and will be advantageous to the MLPs and the Commonwealth. RMLD was one of the leaders in developing this initiative.

Mr. Talbot asked whether RMLD will be filing the optional AQ31 and AQ 32 forms with the State. Mr. Underhill confirmed, stating that 2018 is not due yet, but it will be filed.

General Manager's Report – Ms. O'Brien

a. Review of Board Policies

Ms. O'Brien explained that policies are coming up for three-year review. She stated that she will send the policies to the Board and if there are no changes or comments, the Board can simply vote to extend them.

Ms. O'Brien explained that Policy No. 23 Dress Code was reduced to one page. It is simple and in-line with acceptable office dress standards and a business casual work environment. The Collective Bargaining agreements cover protective equipment. The policy differentiates between what's appropriate in the business office and that if an employee needs to go to warehouse he/she needs to dress for that environment. The Board suggested language to replace the use of "etc." and an addition regarding discipline were discussed and agreed upon.

Ms. O'Brien explained that Policy No. 8 OPEB statutory changes rendered the policy out of date and it has been updated to reflect current laws and GASB requirements. Attorney Pollart explained that the policy is consistent with the 2011 statute that allows existing OPEBs to continue to operate.

Ms. O'Brien stated that the updated No. 18 Strategic Plan is simple and sets out that RMLD should have a mission and vision statements. In 2008 RMLD had a strategic plan done by a consultant, which essentially looked at the power market. However, the standard way to draft a strategic plan is to have department directors involved to ensure buy-in. Ms. O'Brien stated that RMLD was fortunate to have Mike Prisco from the North Reading Select Board come in. He has developed strategic plans for the military and helped facilitate. The strategic plan will be based upon what the Commissioners have written as policy. The Strategic Plan includes a mission statement, objectives, and a SWOTT analysis and will be presented to the Board and the CAB for input. Ms. O'Brien explained that making a six-year budget was her way of helping to show RMLD's objectives in the absence of a conventional strategic plan. The updated policy says that RMLD should have a strategic plan and it should be updated every three years.

Attorney Pollart addressed No. 22 Pension Trust and explained that the existing policy was from 1966. In 1966 the Commonwealth used a pay-as-you-go funding method. RMLD established the pension trust in order to recover, through its rates, the unfunded balance. Due to changes in the law, RMLD's annual payments now take into account the unfunded portion, which means that the policy and the trust are no longer needed. Attorney Pollart stated that his recommendation is to stop paying money into the pension trust, take money out of the trust on an annual basis until it runs out, and then vote to dissolve the trust.

Mr. Pacino made a motion, seconded by Mr. O'Rourke, that the Board approve the changes to Policy No. 8 OPEB Trust Fund, Policy No. 18 Strategic Plan, as amended, and Policy No. 23 Dress Standards, as amended, on the recommendation of the General Manager.

Motion Carried: 5:0:0.

b. NextEra Energy Marketing Public Power Summit

Ms. O'Brien explained that she went to the NextEra Energy Marketing Public Power Summit last year, and it was a great networking opportunity. This will take place from February 4th to February 6th in Manalapan, Florida.

Mr. Pacino made a motion, seconded by Mr. Stempeck, that the Board approve Ms. O'Brien's travel to, and attendance at, the NextEra Energy Marketing Public Power Summit, in Manalapan, Florida, from February 3 to February 6, 2019.

Motion Carried: 5:0:0.

Attorney Pollart left the meeting.

c. APPA (NEPPA) Legislative Rally

Ms. O'Brien explained that this is the NEPPA legislative rally that occurs at the same time as the APPA rally. Ms. O'Brien stated that she will meet with legislators or their staff to advocate on the behalf of municipals. It will take place February 25th to February 27th in Washington, DC and Ms. O'Brien will report back to the Board following her trip.

APPA (NEPPA) Legislative Rally

Mr. Pacino made a motion, seconded by Mr. Stempeck, that the Board approve Ms. O'Brien's travel to, and attendance at, the APPA Legislative Rally in Washington DC, from February 24 to February 28, 2019.

Motion Carried: 5:0:0.

Integrated Resources Division – Mr. Underhill

Mr. Underhill reported that budget and actual purchase power expenses are very close to one another and tracking well. There is one month left in the year and it looks like it was uneventful.

Ms. O'Brien explained that Ms. Markiewicz would not be presenting because she was unable to travel back from vacation due to storms.

Engineering and Operations Report – September 2018 – Mr. Jaffari

Mr. Jaffari stated that he was reporting through the present date. Mr. Jaffari reviewed major capital construction projects that are currently underway or recently completed including a pole line upgrade on Woburn Street in Wilmington, a remote racking device installed at Station 3, and repairs made due to a motor vehicle accident on 3W13. Mr. Jaffari reviewed maintenance programs including aged transformer replacements, tree trimming, and infrared scans. Mr. Pacino stated that he attended a Reading Select Board meeting where concerns were expressed regarding the pole at Hopkins and South Street getting hit repeatedly. Mr. Jaffari replied that he would contact the DPW regarding installing a guardrail. Mr. Jaffari discussed the pole inspection program and double poles. Ms. O'Brien explained that Verizon only visually inspects their poles. Mr. Jaffari reviewed RMLD's reliability indices and stated that the System Average Interruption Frequency Index (SAIFI) passed the regional average. Mr. Jaffari reviewed the outage causes in December 2018 and stated that on January 1, 2019 a motor vehicle accident caused 1,270 customers to lose service.

General Discussion

Meeting dates were discussed, and Mr. Underhill announced upcoming RMLD community events including the Elementary School Art Awards.

Adjournment

At 9:00 p.m., Mr. Pacino made a motion, seconded by Mr. O'Rourke, that the Board go into Executive Session to consider the purchase of real property and to discuss confidential, competitively-sensitive and proprietary information in relation to making, selling, or distributing electric power and energy, and return to Regular Session for the sole purpose of adjournment.

A true copy of the RMLD Board of Commissioners minutes
as approved by a majority of the Commission.

David Talbot, Secretary Pro Tem
RMLD Board of Commissioners

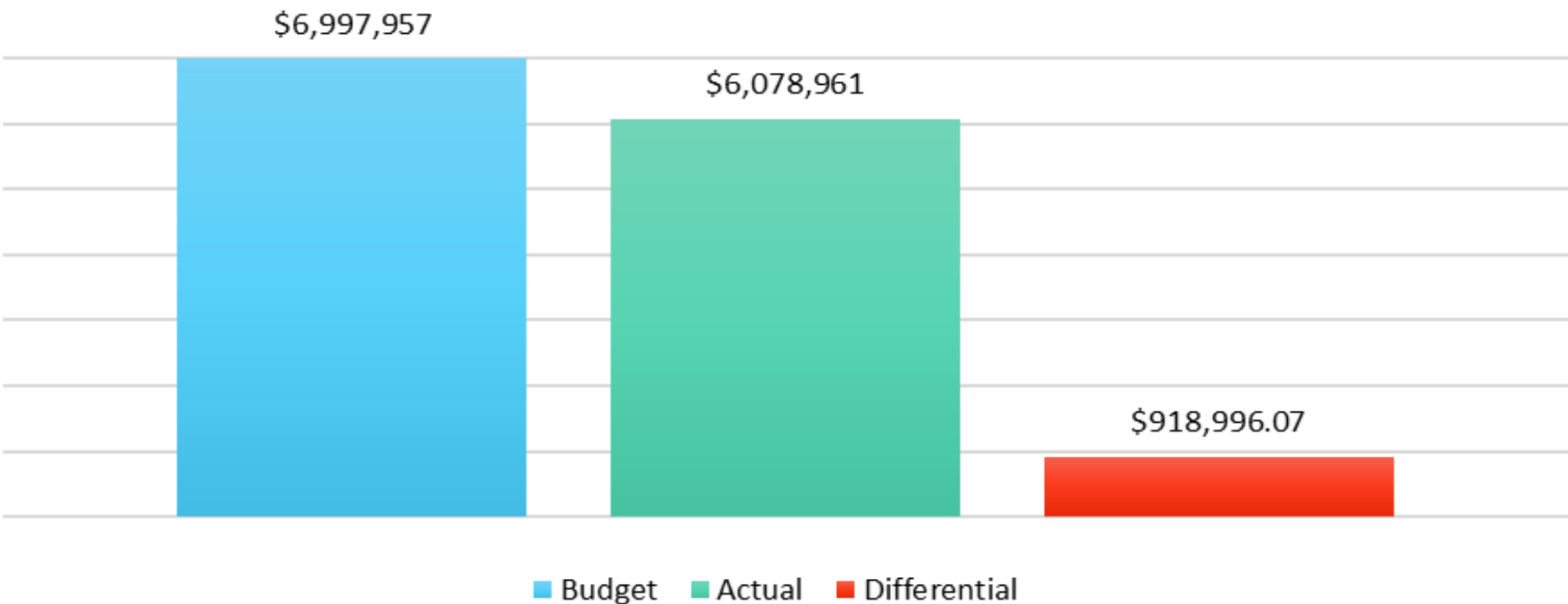
POWER SUPPLY REPORT
JANUARY 2019
ATTACHMENT 2



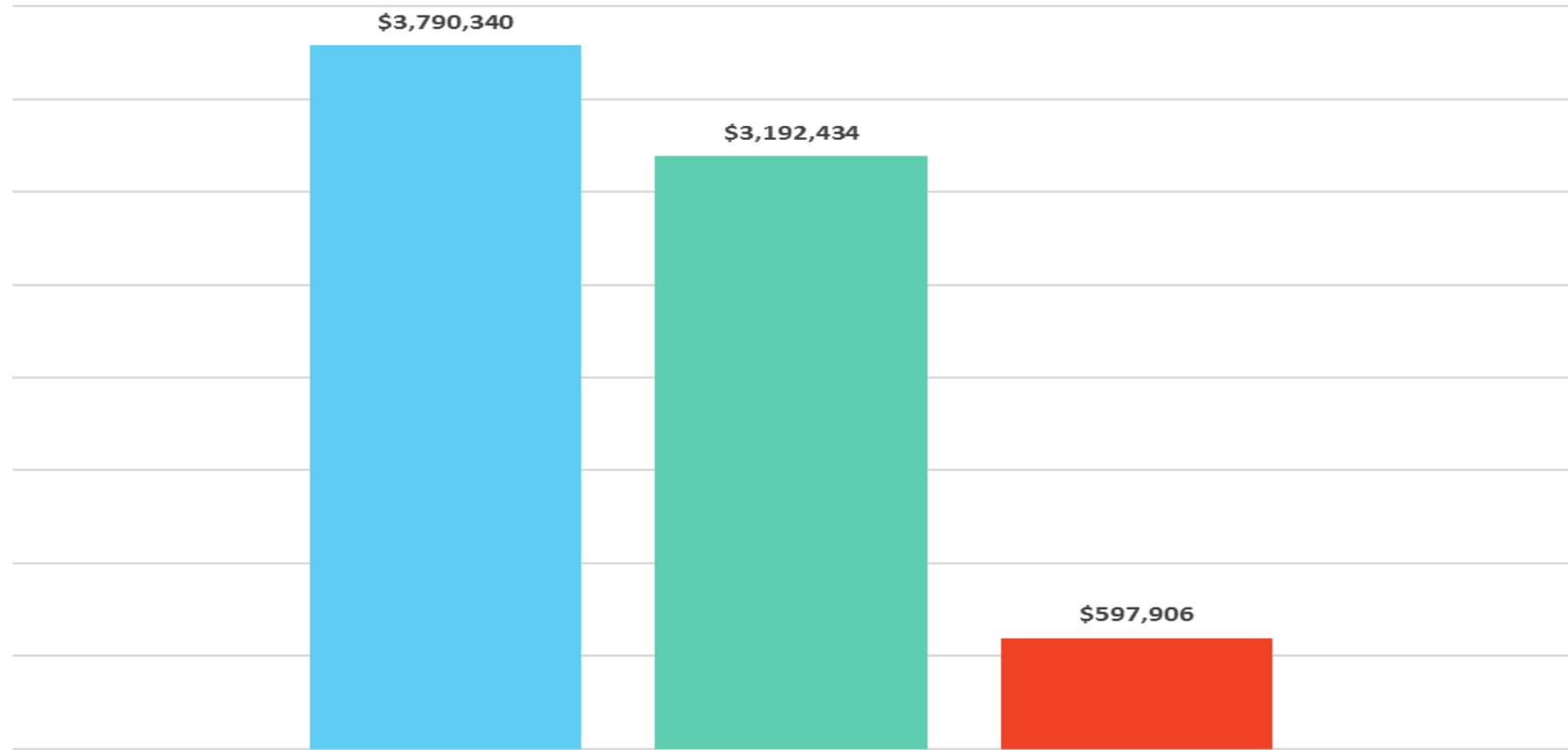
Board of Commissioners Meeting March 21, 2019

*Charles Underhill, Director of Integrated Resources
Reporting for January, 2019*

Total Purchase Power Expenses Budget vs Actual thru January 2019

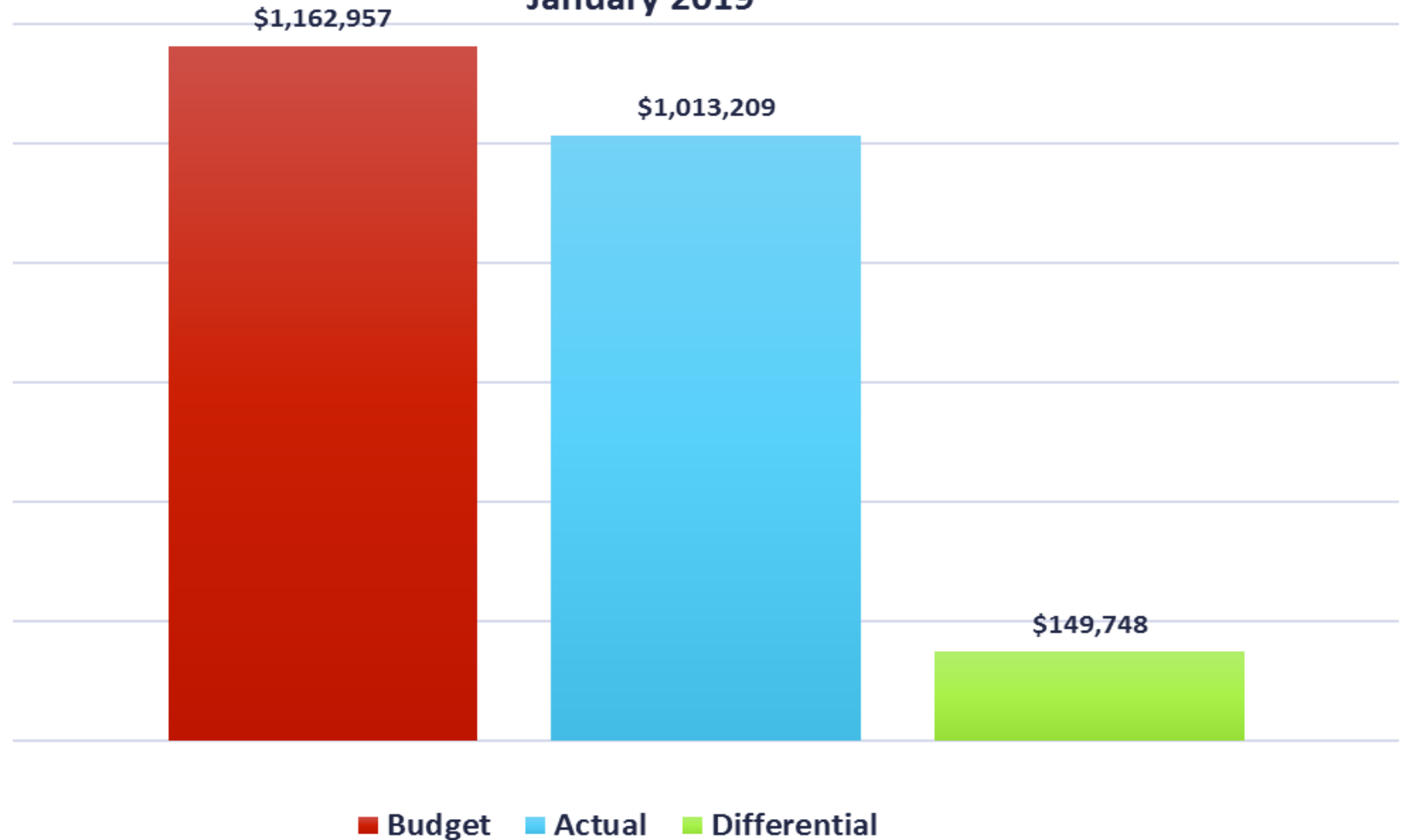


Energy Costs Budget vs. Actual January 2019

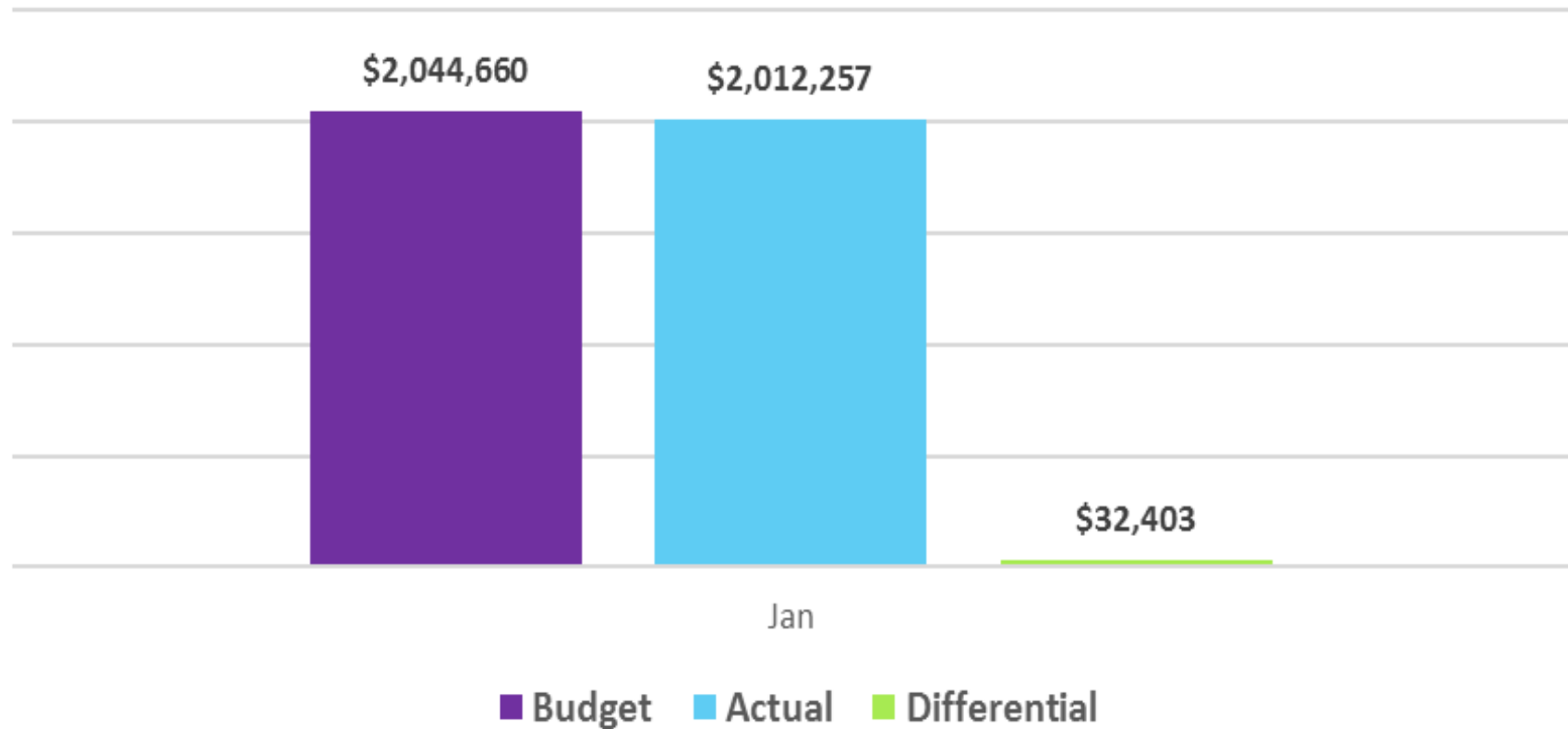


■ Budget ■ Actual ■ Differential

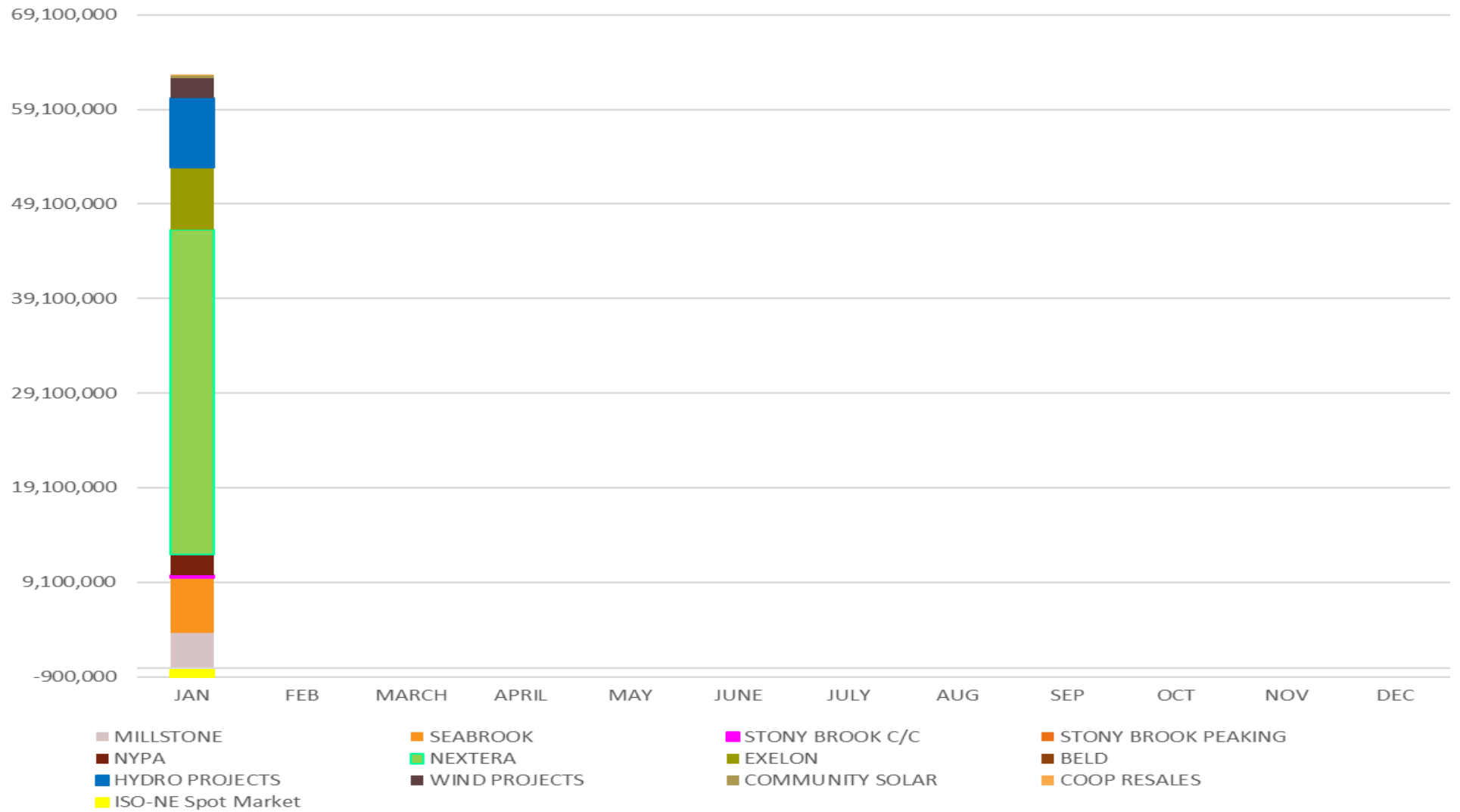
Transmission Cost Budget vs. Actual January 2019




Capacity Budget vs. Actual January 2019



Actual kWh Purchased by Resource 2019



To: Coleen O'Brien
 From:  Maureen McHugh, Charles Underhill
 Date: March 13, 2019
 Subject: Purchase Power Summary –January 2019

CJD 3/15/19

Energy Services Division (ESD) has completed the Purchase Power Summary for the month of January, 2019.

ENERGY

The RMLD's total metered load for the month of January was 57,949,291, which is a 3.67% decrease from the January 2018 figures. The system distribution losses are 3.6%.

Table 1 is a breakdown by source of the energy purchases.

Table 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of Total Energy	Total \$ Costs	\$ as a %
Millstone #3	3,699,953	\$6.38	6.15%	\$23,599	0.74%
Seabrook	5,893,179	\$5.27	9.79%	\$31,071	0.97%
Stonybrook Intermediate	211,302	\$112.27	0.35%	\$23,722	0.74%
NYPA	2,165,777	\$4.92	3.60%	\$10,656	0.33%
Nextera	34,382,432	\$63.22	57.12%	\$2,173,647	68.09%
ISO Interchange	(2,476,124)	-\$20.06	-4.11%	\$49,671	1.56%
Nema Congestion	-	\$0.00	0.00%	-\$40,190	-1.26%
Coop Resales	23,521	\$141.01	0.04%	\$3,317	0.10%
Hydro Projects*	7,318,785	\$57.87	12.16%	\$423,510	13.27%
Braintree Watson Unit	50,427	\$284.73	0.08%	\$14,358	0.45%
Saddleback/Jericho Wind	2,084,714	\$92.98	3.46%	\$193,845	6.07%
Community Solar	288,815	\$73.90	0.48%	\$21,343	0.67%
Exelon	6,484,800	\$39.09	10.77%	\$253,491	7.94%
Stonybrook Peaking	60,891	\$170.68	0.10%	\$10,393	0.33%
Monthly Total	60,188,472	\$53.04	100.00%	\$3,192,434	100.00%

**Pepperell, Woronoco, Indian River, Turner Falls, Collins, Pioneer, Hosiery Mills, Aspinook Hydro*

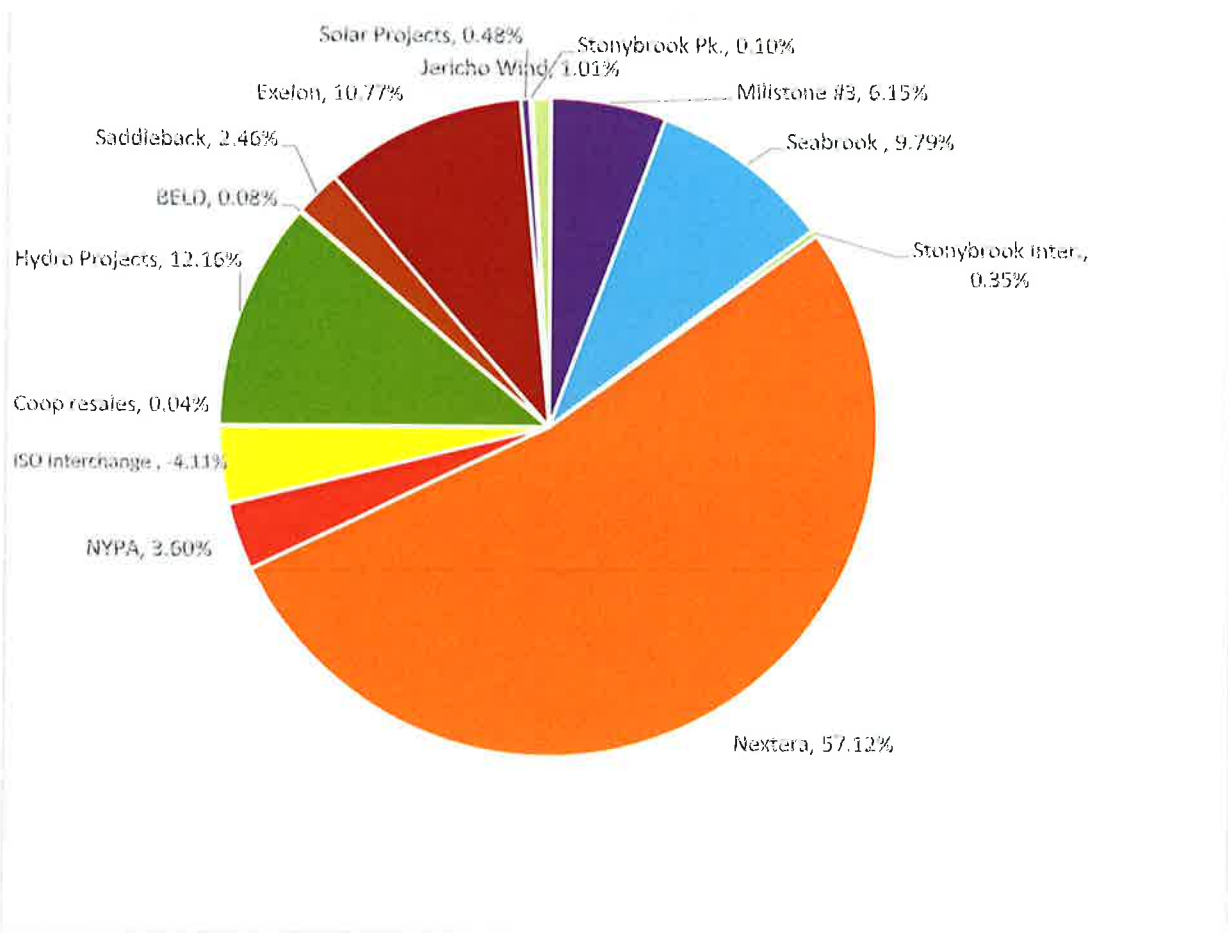
Table 2 breaks down the ISO interchange between the DA LMP Settlement and the RT Net Energy for the month of January 2019.

Table 2

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of Total Energy
ISO DA LMP *	4,283,161	\$85.11	7.12%
Settlement			
RT Net Energy **	(6,759,285)	\$46.38	-11.23%
Settlement			
ISO Interchange (subtotal)	(2,476,124)	(\$20.06)	-4.11%

* Independent System Operator Day-Ahead Locational Marginal Price

JANUARY 2019 ENERGY BY RESOURCE



CAPACITY

The RMLD hit a demand of 106,853 kW, which occurred on January 21, 2019 at 4 pm. The RMLD's monthly UCAP requirement for January, was 235,407 kW.

Table 3 shows the sources of capacity that the RMLD utilized to meet its requirements.

Table 3

Source	Amount (kW)	Cost (\$/kW-month)	Total Cost \$	% of Total Cost
Millstone #3	4,950	22.77	\$112,697	5.60%
Seabrook	7,914	18.93	\$149,840	7.45%
Stonybrook Peaking	24,980	1.94	\$48,447	2.41%
Stonybrook CC	42,925	3.46	\$148,341	7.37%
NYP&A	0	0.00	-\$15,114	-0.75%
Hydro Quebec	0	0	\$33,796	1.68%
Braintree Watson Unit	0	0.00	\$1,558	0.08%
ISO-NE Supply Auction	154,638	9.91	\$1,532,692	76.17%
Total	235,407	\$8.55	\$2,012,257	100.00%

Table 4 shows the dollar amounts for energy and capacity per source.

Table 4

Resource	Energy	Capacity	Total cost	% of Total Cost	Amt of Energy (kWh)	Cost of Power (\$/kWh)
Millstone #3	\$23,599	\$112,697	\$136,297	2.63%	3,699,953	\$0.0368
Seabrook	\$31,071	\$149,840	\$180,911	3.49%	5,893,179	\$0.0307
Stonybrook Intermediate	\$23,722	\$148,341	\$172,063	3.32%	211,302	\$0.8143
Hydro Quebec	\$0	\$33,796	\$33,796	0.65%	-	\$0.0000
NextEra/EDF	\$2,173,647	\$0	\$2,173,647	41.88%	34,382,432	\$0.0632
* NYP&A	\$10,656	\$0	-\$4,458	-0.09%	2,165,777	-\$0.0021
NYP&A FCM Credit	\$0	-\$15,114	-\$15,114	-0.29%	-	\$0.0000
ISO Interchange	\$49,671	0	\$49,671	0.96%	(2,476,124)	-\$0.0201
ISO Capacity	\$0	\$1,532,692	\$1,532,692	29.53%	-	\$0.0000
Nema Congestion	-\$40,190	\$0	-\$40,190	-0.77%	-	\$0.0000
* Hydro Projects	\$423,510	\$0	\$423,510	8.16%	7,318,785	\$0.0579
Braintree Watson Unit	\$14,358	\$1,558	\$15,916	0.31%	50,427	\$0.3156
* Saddleback/Jericho	\$193,845	\$0	\$193,845	3.74%	2,084,714	\$0.0930
* Burlington & Community Solar	\$21,343	\$0	\$21,343	0.41%	288,815	\$0.0739
Coop Resales	\$3,317	\$0	\$3,317	0.06%	23,521	\$0.1410
Exelon Energy	\$253,491	\$0	\$253,491	4.88%	6,484,800	\$0.0391
Stonybrook Peaking	\$10,393	\$48,447	\$58,839	1.13%	60,891	\$0.9663
Monthly Total	\$3,192,434	\$2,012,257	\$5,189,577	100.00%	60,188,472	\$0.0862

*Renewable Resources; per RMLD Board Policy, any RECs are sold to offset energy costs for all customers.

RENEWABLE ENERGY CERTIFICATES (RECs)

Table 5 shows the amount of banked and projected RECs for the Swift River Hydro Projects through January, as well as their estimated market value.

**Table 5
RECs Summary**

REC Classification	2018/2019		BID Current	Revenue* Potential	Revenue** Received
	RECs Projected	RECs Sold			
CT 1	12,010	3,884	5.50	\$66,052	\$28,589
MA 1	2,847	1,033	5.50	\$15,656	\$7,649
MA/CT/RI/NH1	17,714	8,163	5.50	\$97,427	\$66,055
MA/RI/NH 1	9,804	3,654	6.50	\$63,726	\$27,222
MA 2	5,779	2,115	26.00	\$150,254	\$54,403
Totals	48,153	18,849		\$393,116	\$183,917

*RECs projected sold at current bid prices

**Total dollars to date for RECs sold

TRANSMISSION

The RMLD's total transmission costs for the month of January 2019, were \$1,013,209. This is an increase of 5.53% from the December 2018 transmission cost of \$927,139. In January 2018, the transmission costs were \$1,176,742.

Table 6

	Current Month	Last Month	Last Year
Peak Demand (kW)	106,853	98,966	108,096
Energy (kWh)	60,188,472	59,989,909	60,368,297
Energy (\$)	\$3,192,434	\$3,009,300	\$3,811,502
Capacity (\$)	\$2,012,257	\$2,011,241	\$2,109,761
Transmission(\$)	\$1,013,209	\$927,139	\$1,176,742
Total	\$6,217,900	\$5,947,679	\$7,098,005

ENERGY NEW ENGLAND
APPROVAL OF EXECUTIVE SESSION MINUTES
SEPTEMBER 20, 2018, OCTOBER 18, 2018,
JANUARY 24, 2019, & FEBRUARY 13, 2019
ATTACHMENT 3

FINANCIAL REPORT
DECEMBER 2018
ATTACHMENT 4

ENGINEERING & OPERATIONS REPORT ATTACHMENT 5

ENGINEERING & OPERATIONS REPORT

Hamid Jaffari, Director of Engineering & Operations

RMLD Board of Commissioners Meeting
March 21, 2019

Major Construction Projects

(Currently Underway or Recently Completed)

➤ **4W5/4W12 Getaway Improvements at Station 4 (Capital Project)**

The overhead portion of this project has continued into 2019 (completion expected within Q2 of 2019). Materials for construction within Station 4 have been received, and work within the station is expected to start in Q1 and continue into Q2 of 2019. **Status:** *The project is expected to be completed prior to the summer of 2019.*

➤ **3W13 Repairs**

A motor vehicle accident caused a faulted riser on 3W13. **Status:** *Repairs Complete*

➤ **5W5 Andover Access Road Upgrade (Capital Project)**

Crews have replaced the existing open wire primary cable with 336 AL spacer cable (approximately 1,000 feet) between Andover Street and Salem Street in Wilmington. Five poles have been replaced as part of this project. **Status:** *Complete*





➤ **Station 3 – Battery Storage Project (Capital Project)**

E&O has been working alongside IRD on the Energy Storage Project at Station 3. In addition to the planning and design for the interconnection of the BESS (Battery Energy Storage System) to Station 3, the E&O department has also worked to provide an auxiliary service to the BESS. This consists of two new poles, a transformer, and associated cable and equipment that was installed over the past several weeks. The auxiliary service will be used to power the battery equipment in addition to heating and cooling the batteries as needed. E&O will continue to assist IRD to bring the BESS online, and upon interconnection, will continue to support the BESS for dispatching and other needs as required. **Status: *In-progress.***

➤ **Station 4 – 4W6 and 4W16 Getaway Replacement Projects (Capital Projects)**

Work has begun simultaneously on these two projects. Crews have rodded and cleared manholes. **Status: *In-progress***

AREA UPGRADE PROJECTS (Currently Underway or Recently Completed)



➤ Secondary & Main Upgrades

- *Burditt Road, North Reading* – Seven sections of open wire secondary were replaced with 4/0 ACSR secondary, and seven sections of #4 copper primary were replaced with 1/0 ACSR primary on Burditt Road. Any copper services were upgraded with 1/0 ACSR triplex. We also replaced two poles on Kingston Street and replaced two sections of primary and secondary. Three transformers serving this neighborhood were upgraded. **Status: Complete**

➤ Underground Facilities Upgrades

- *Gazebo Circle, Reading* – Replaced one transformer. **Status: Complete**
- *Moran Road, Lynnfield* – One pad mount transformer has been replaced. Crews are in the process of replacing underground cable. **Status: In-progress**
- *Friendship Lane, Lynnfield* – Upgrade to transformer and underground cable. **Status: In-progress**

Maintenance Programs

- Aged Transformer Replacement – Pad mount: 36.79% replaced Overhead: 23.72% replaced (thru January)
- Pole Inspection/Replacement Program – 259 poles set 231 transfers completed
- Tree Trimming – 174 spans YTD through January
- 2019 Inspection of Feeders –
 - 3W5, 3W6, 3W7, 3W8, 3W13, 3W14, 3W15 and 3W18 Inspected
 - 4W4, 4W5, 4W6, 4W7, 4W9, 4W10, 4W12, 4W16, 4W17, 4W18, 4W19 Inspected
- Infrared Scans – Completed through February - No Hot Spots Found
- Manhole Inspection – on-going
- Porcelain Cutout Replacement – on-going

Double Poles

Per NJUNS

(as of 3/15/19)

LYNNFIELD

"Next to Go"	# of Tickets
RMLD	30
Transfer	30
Pull Pole	
CMCTNR - Comcast	1
Transfer	1
LFLDFD - Lynnfield Fire Dept.	6
Transfer	6
GRAND TOTAL	37

READING

"Next to Go"	# of Tickets
VZNESEA - Verizon	0
Transfer	
RMLD	54
Transfer	36
Pull Pole	18
CMCTNR - Comcast	9
Transfer	9
RDNGFD - Reading Fire Dept.	8
Transfer	8
LTFMA - Lighttower Fiber	1
Transfer	1
NP3PMA - Non-Participating 3rd Party Attachee	3
Transfer	3
GRAND TOTAL	75

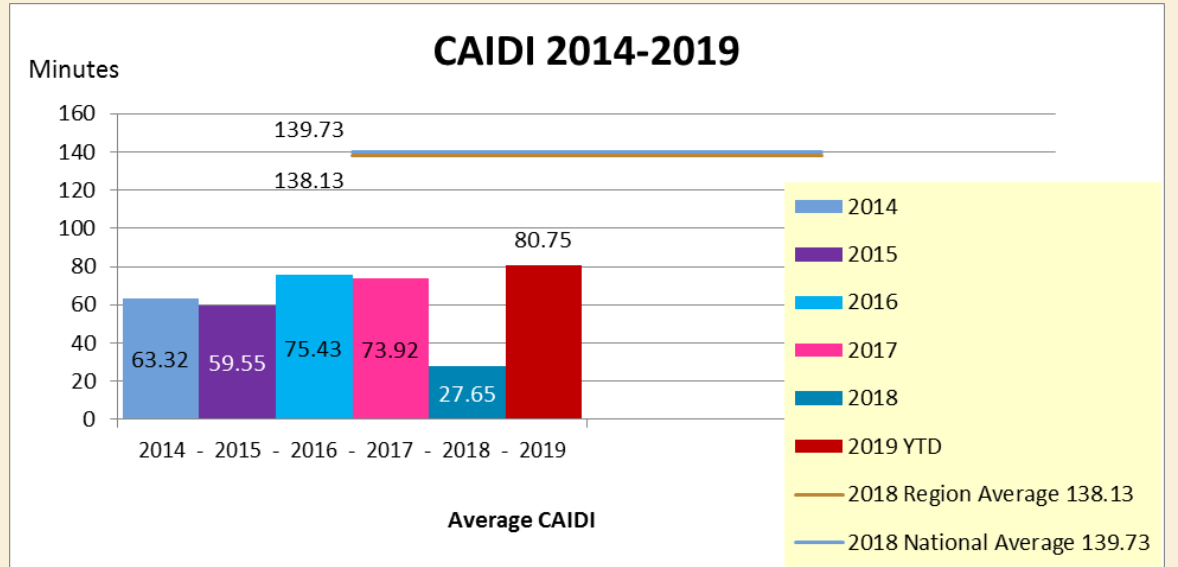
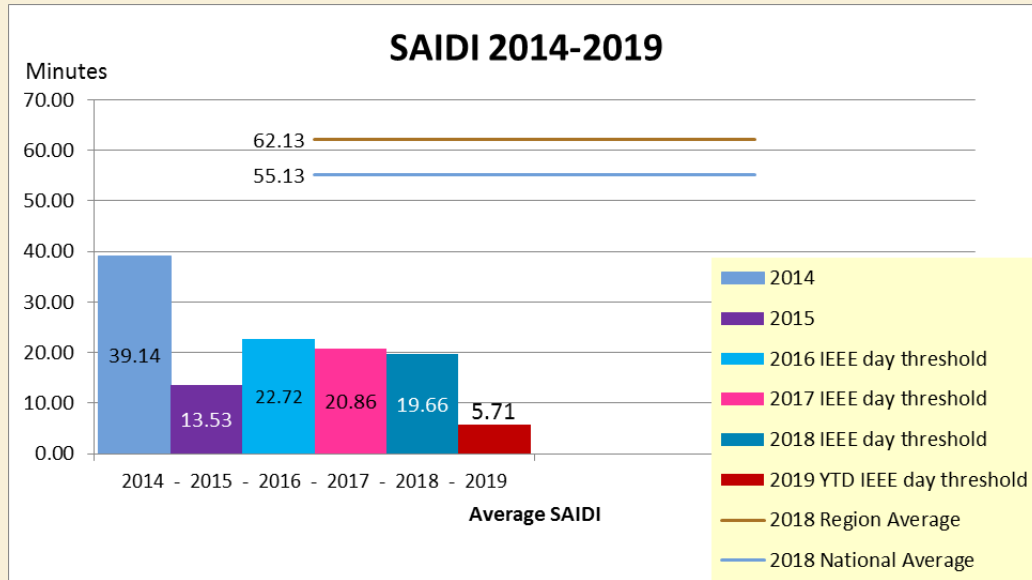
NORTH READING

"Next to Go"	# of Tickets
VZNEDR - Verizon	8
Transfer	8
RMLD	23
Transfer	3
Pull Pole	20
CMCTNR - Comcast	6
Transfer	6
NRDGF - North Reading Fire Dept.	3
Transfer	3
LTFMA - Lighttower Fiber	1
Transfer	1
GRAND TOTAL	41

WILMINGTON

"Next to Go"	# of Tickets
VZNEDR - Verizon	8
Transfer	2
Pull Pole	6
RMLD	29
Transfer	28
Pull Pole	1
CMCTNR - Comcast	11
Transfer	11
WMGNFD - Wilmington Fire Dept.	29
Transfer	29
LTFMA - Lighttower Fiber	2
Transfer	2
VZBMA - Verizon Business	1
Transfer	1
GRAND TOTAL	80

RMLD Reliability Indices

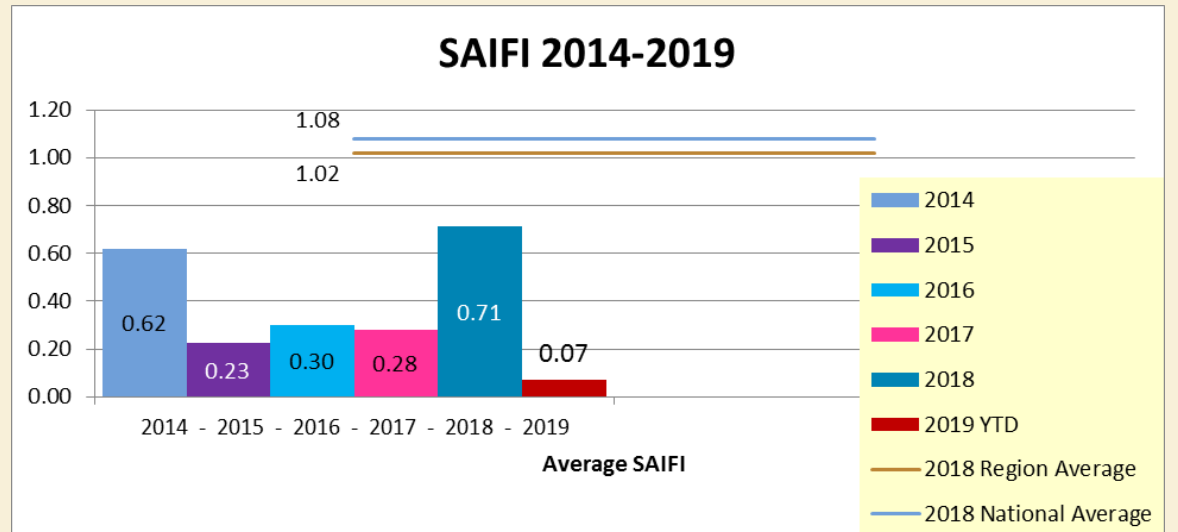


$$SAIDI \text{ (Minutes)} = \frac{\text{Total Duration of Customer Interruptions}}{\text{Total Number of Customers Served}}$$

$$CAIDI \text{ (Minutes)} = \frac{\text{Total Duration of Customer Interruptions}}{\text{Total Number of Customer Interruptions}}$$

Note: The major event (ME) threshold allows a utility to remove outages that exceed the IEEE 2.5 beta threshold for events. These events could be severe weather, which can lead to unusually long outages in comparison to your distribution system's typical outage.

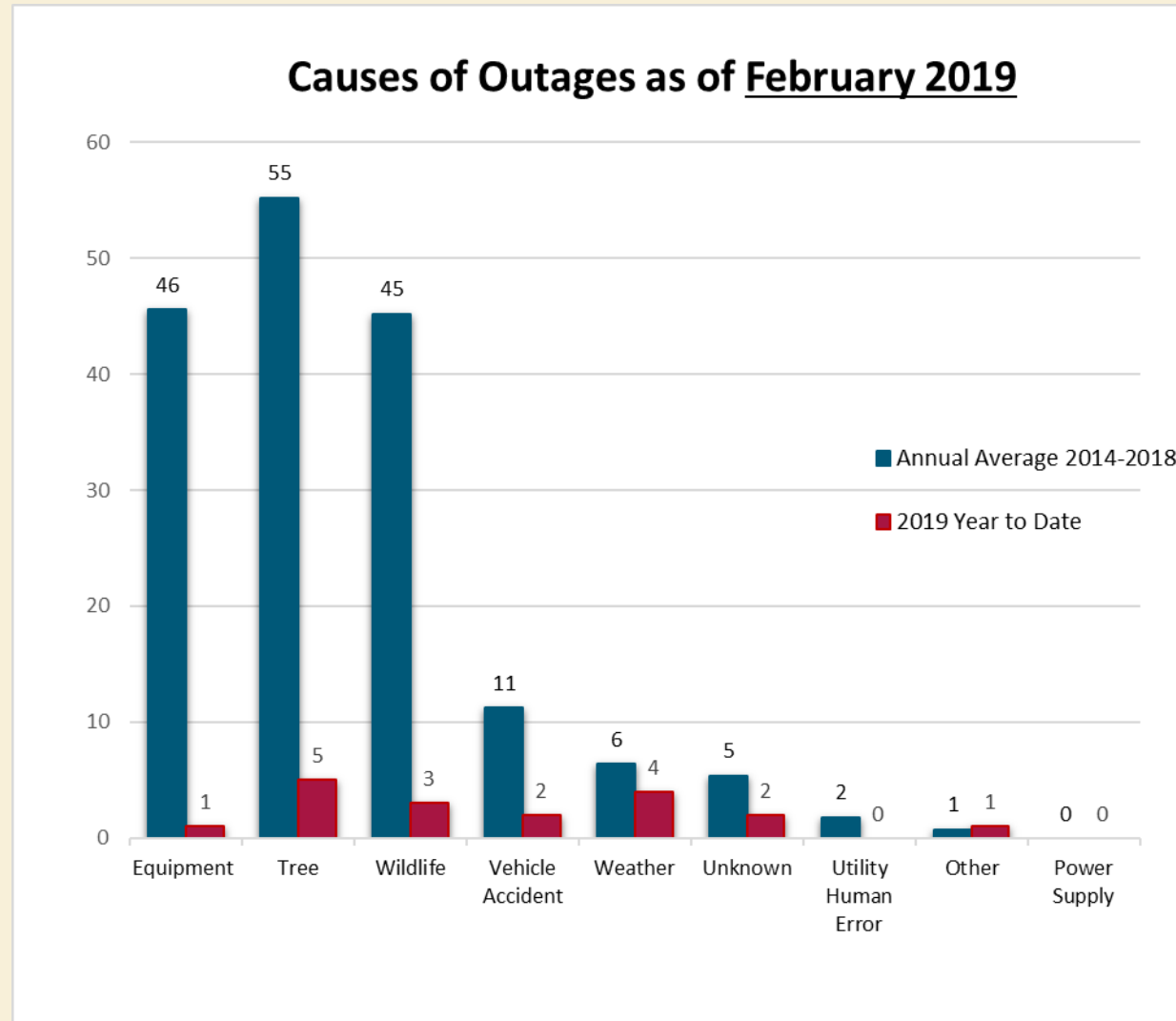
$$SAIFI = \frac{\text{Total Number of Customer Interruptions}}{\text{Total Number of Customers Served}}$$



Regional and national averages have been updated for 2018.

2019 data from January through February.

Outages



Recent Significant Outage Events: February 25th Wind Storm

RMLD PROCUREMENT REQUEST
REQUIRING BOARD APPROVAL
ATTACHMENT 6

230 Ash Street
P.O. Box 150
Reading, MA 01867-0250Tel: (781) 942-6598
Web: www.rml.com

March 5, 2019

Town of Reading Municipal Light Board

Subject: IFB 2019-09 One (1) Class V, Fork Truck with 12,000 lb. Load Capacity with Trade-In

Pursuant to M.G.L. c. 30B, on January 16, 2019, an invitation for bid (IFB) requesting sealed bids for One (1) Class V, Fork Truck with 12,000 lb. Load Capacity with Trade-In (1999 Propane Fork Truck) was placed as a legal notice in the Middlesex East section of the Daily Times Chronicle. On January 23, 2019, the IFB was posted on the RMLD website, and the RMLD bulletin board. On January 24, 2019, the IFB was posted on COMMBUYS.

An invitation for bid was sent to the following seven companies:

ATS Equipment, Inc.	Brodie Toyota-Lift	Crown Lift Trucks - Boston
H&H Industrial Truck Service, Inc.	Northland Industrial Truck Company, Inc.	Prime Vendor Inc.
TNE Equipment, Inc.		

Sealed bids were received from two companies: Endless Sales Inc. dba Octane Forklifts and Northland Industrial Truck Company, Inc.

The sealed bids were publicly opened and read aloud at 11:00 a.m. on February 6, 2019, in the Town of Reading Municipal Light Department's Audio Visual Spurr Room, 230 Ash Street, Reading, Massachusetts.

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

Move that bid 2019-09 for: One (1) Class V, Fork Truck with 12,000 lb. Load Capacity with Trade-In be awarded to: **Northland Industrial Truck Company, Inc.**, as the lowest responsive and responsible bidder¹, for **\$60,500.00** pursuant to M.G.L. c. 30B on the recommendation of the General Manager.

¹Endless Sales Inc. dba Octane Forklifts was the lowest bidder, but was eliminated as not responsive. See attached Analysis.

The CY2019 Capital Budget amount for this item is \$75,000.00.

Paul McGonagle, Facilities Manager

Hamid Jaffari, Director of E&O

Coleen O'Brien, General Manager

RMLD IFB 2019-09 ANALYSIS

One (1) Class V, Fork Truck with 12,000 LB. Load Capacity with Trade-In

M.G.L. Chapter 30B

<u>Bidder</u>	<u>Fork Truck Cost Before Trade</u>	<u>Trade-In Value</u>	<u>Fork Truck Purchase Price Less Trade</u>	<u>Delivery Date ARO</u>	<u>Responsive Bidder</u>	<u>Exceptions</u>
Endless Sales Inc. dba Octane Forklifts	\$53,772.00	\$2,500.00	\$51,272.00	20 weeks	Yes	Yes ¹
Northland Industrial Truck Company, Inc.	\$65,500.00	\$5,000.00	\$60,500.00	12 weeks	Yes	No

NOTE: Trade-In consists of one 1999 Propane Fork Truck.

¹Recommendation **not to go with the least expensive** fork truck is based on exceptions taken:

a. The RMLD requested a 2-stage **limited free lift** mast type fork truck, which gives the RMLD employees an **unobstructed** view while lifting/carrying a load. The bid submitted was for a 2- stage **full free lift** mast type fork truck, which consists of a lift cylinder rod assembly that would **obstruct** the driver's view.

b. The RMLD requested an indoor/outdoor fork truck. The Octane FY60 is a rough terrain fork truck. Though it may perform well outdoors, it is too cumbersome to maneuver the warehouse aisles.



230 Ash Street
P.O. Box 150
Reading, MA 01867-0250

Tel: (781) 942-6598
Web: www.rmld.com

March 12, 2019

Town of Reading Municipal Light Board

Subject: IFP 2019-10 Pole Mounted Transformers

Pursuant to M.G.L. c. 164 § 56D, on February 20, 2019, an invitation for proposals was placed as a legal notice in the Middlesex East section of the Daily Times Chronicle requesting sealed proposals for Pole Mounted Transformers. On February 21, 2019, the invitation was posted on the RMLD website and bulletin board.

An invitation for proposals was sent to the following fifteen companies:

Cheryong Electric Co., Ltd., Global Business Department	Deltek	Graybar Electric Company, Inc.
Hasgo Power Equipment Sales, Inc.	Merrimac Industrial Sales	PanAmerica Supply, Inc.
Power Sales Group, Inc.	PowerTech Associates-UPSC	Prime Vendor, Inc.
Robinson Sales, Inc.	Shamrock Power Sales LLC	Stuart C. Irby Company
Technology International, Inc.	WESCO Distribution, Inc.	Yale Electric Supply Company

Sealed proposals were received from four companies: Stuart C. Irby Company, Graybar Electric Company, Inc., Howard Industries, Inc., c/o Power Sales Group, Inc., and WESCO Distribution, Inc.

Sealed proposals were publicly opened and read aloud at 11:00 a.m., March 6, 2019, 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 proposal IFP 2019-10 for Pole Mounted Transformers be awarded to: **Graybar Electric Company, Inc., for a total of \$68,224¹**, pursuant to M.G.L. c. 164 § 56D, on the recommendation of the General Manager.

¹See attached analysis.

The 2019 Capital Budget amount for these items is \$188,500.



Vaughan Bryan



Hamid Jaffari



Coleen O'Brien

**Analysis - Pad Mounted Transformers
IFB 2019-11**

Bidder	Manufacturer	Delivery Date	Unit Cost	Qty	Total Net Cost	Net Cost Awarded	Meet Specification Requirement
WESCO Distribution, Inc.							
Item 1 37.5 kVa 1Ø FR3 240/120	ERMCO	8-10 weeks	\$2,253.00	30	\$67,590.00	\$67,590.00	yes
Item 2 50 kVa 1Ø FR3 240/120	ERMCO	8-10 weeks	\$2,451.00	20	\$49,020.00	\$49,020.00	yes
Item 3 75 kVa 1Ø FR3 240/120	ERMCO	10-12 weeks	\$2,965.00	8	\$23,720.00	\$23,720.00	yes
Item 4 150 kVa 3Ø DF 480Y/277	ERMCO	10-12 weeks	\$5,916.00	2	\$11,832.00	\$11,832.00	yes
Item 5 225 kVa 3Ø DF 208Y/120	ERMCO	10-12 weeks	\$7,153.00	2	\$14,306.00	\$14,306.00	yes
Item 6 225 kVa 3Ø DF 480Y/277	ERMCO	10-12 weeks	\$6,868.00	2	\$13,736.00	\$13,736.00	yes
Item 7 300 kVa 3Ø DF 208Y/120	ERMCO	10-12 weeks	\$7,983.00	2	\$15,966.00	\$15,966.00	yes
Item 8 500 kVa 3Ø DF 208Y/120	ERMCO	10-12 weeks	\$10,585.00	1	\$10,585.00	\$10,585.00	yes
Item 9 300 kVa 3Ø DFLF 208Y/120	ERMCO	10-12 weeks	\$8,201.00	9	\$73,809.00		no
					<u>\$280,564.00</u>	<u>\$206,755.00</u>	
Graybar Electric Company, Inc.							
Item 1 37.5 kVa 1Ø FR3 240/120	Cooper Power	13 weeks	\$2,270.00	30	\$68,100.00		
Item 2 50 kVa 1Ø FR3 240/120	Cooper Power	13 weeks	\$2,422.00	20	\$48,440.00		
Item 3 75 kVa 1Ø FR3 240/120	Cooper Power	13 weeks	\$2,987.00	8	\$23,896.00		
Item 4 150 kVa 3Ø DF 480Y/277	Cooper Power	16 weeks	\$7,773.00	2	\$15,546.00		
Item 5 225 kVa 3Ø DF 208Y/120	Cooper Power	16 weeks	\$8,519.00	2	\$17,038.00		
Item 6 225 kVa 3Ø DF 480Y/277	Cooper Power	16 weeks	\$8,311.00	2	\$16,622.00		
Item 7 300 kVa 3Ø DF 208Y/120	Cooper Power	16 weeks	\$9,100.00	2	\$18,200.00		
Item 8 500 kVa 3Ø DF 208Y/120	Cooper Power	16 weeks	\$11,841.00	1	\$11,841.00		
Item 9 300 kVa 3Ø DFLF 208Y/120	Cooper Power	16 weeks	\$9,263.00	9	\$83,367.00		no
					<u>\$303,050.00</u>	<u>\$0.00</u>	
Howard Industries, Inc., c/o Power Sales Group, Inc.							
Item 1 37.5 kVa 1Ø FR3 240/120	Howard Industries, Inc.	8-10 weeks	\$2,900.00	30	\$87,000.00		
Item 2 50 kVa 1Ø FR3 240/120	Howard Industries, Inc.	8-10 weeks	\$3,148.00	20	\$62,960.00		
Item 3 75 kVa 1Ø FR3 240/120	Howard Industries, Inc.	8-10 weeks	\$3,700.00	8	\$29,600.00		
Item 4 150 kVa 3Ø DF 480Y/277	Howard Industries, Inc.	14-16 weeks	\$6,905.00	2	\$13,810.00		
Item 5 225 kVa 3Ø DF 208Y/120	Howard Industries, Inc.	14-16 weeks	\$7,758.00	2	\$15,516.00		
Item 6 225 kVa 3Ø DF 480Y/277	Howard Industries, Inc.	14-16 weeks	\$7,552.00	2	\$15,104.00		
Item 7 300 kVa 3Ø DF 208Y/120	Howard Industries, Inc.	14-16 weeks	\$8,892.00	2	\$17,784.00		
Item 8 500 kVa 3Ø DF 208Y/120	Howard Industries, Inc.	14-16 weeks	\$12,994.00	1	\$12,994.00		
Item 9 300 kVa 3Ø DFLF 208Y/120	Howard Industries, Inc.	14-16 weeks	\$9,680.00	9	\$87,120.00	\$87,120.00	yes
					<u>\$341,888.00</u>	<u>\$87,120.00</u>	
Stuart C. Irby Company							
Item 1 37.5 kVa 1Ø FR3 240/120	ABB	6-8 weeks	\$3,482.00	30	\$104,460.00		Non Responsive*
Item 2 50 kVa 1Ø FR3 240/120	ABB	6-8 weeks	\$4,288.00	20	\$85,760.00		
Item 3 75 kVa 1Ø FR3 240/120	ABB	6-8 weeks	\$5,587.00	8	\$44,696.00		
Item 4 150 kVa 3Ø DF 480Y/277	ABB	6-8 weeks	\$8,560.00	2	\$17,120.00		
Item 5 225 kVa 3Ø DF 208Y/120	ABB	6-8 weeks	\$9,633.00	2	\$19,266.00		
Item 6 225 kVa 3Ø DF 480Y/277	ABB	6-8 weeks	\$9,372.00	2	\$18,744.00		
Item 7 300 kVa 3Ø DF 208Y/120	ABB	6-8 weeks	\$10,550.00	2	\$21,100.00		
Item 8 500 kVa 3Ø DF 208Y/120	ABB	6-8 weeks	\$13,717.00	1	\$13,717.00		
Item 9 300 kVa 3Ø DFLF 208Y/120	ABB	6-8 weeks	\$10,838.00	9	\$97,542.00		
					<u>\$422,405.00</u>	<u>\$0.00</u>	
*Unauthorized Signatures							
Total Purchase Amount						\$293,875.00	



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March 12, 2019

Town of Reading Municipal Light Board

Subject: IFP 2019-11 Pad Mounted Transformers

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An invitation for proposals was sent to the following fifteen companies:

Cheryong Electric Co., Ltd., Global Business Department	Deltek	Graybar Electric Company, Inc.
Hasgo Power Equipment Sales, Inc.	Merrimac Industrial Sales	PanAmerica Supply, Inc.
Power Sales Group, Inc.	PowerTech Associates-UPSC	Prime Vendor, Inc.
Robinson Sales, Inc.	Shamrock Power Sales LLC	Stuart C. Irby Company
Technology International, Inc.	WESCO Distribution, Inc.	Yale Electric Supply Company

Sealed proposals were received from four companies: Stuart C. Irby Company, Graybar Electric Company, Inc., Howard Industries, Inc., c/o Power Sales Group, Inc., and WESCO Distribution, Inc.

Sealed proposals were publicly opened and read aloud at 11:00 a.m., March 6, 2019, 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 proposal IFP 2019-11 for Pad Mounted Transformers be awarded to: **WESCO Distribution, Inc., for \$206,755.00 and Howard Industries, Inc., c/o Power Sales Group, Inc., for \$87,120.00, for a total of \$293,875.00¹**, pursuant to M.G.L. c. 164 § 56D, on the recommendation of the General Manager.

¹See attached analysis.

The 2019 Capital Budget amount for these items is \$378,500.



Vaughan Bryan



Hamid Jaffari



Coleen O'Brien

**Analysis - Pole Mounted Transformers
IFP 2019-10**

Bidder	Manufacturer	Delivery Date	Unit Price	Qty	Total Net Price	Net Cost Awarded	Meet Specification Requirement
WESCO Distribution, Inc.							
Item 1 25 kVa Single Phase 240/120	Eaton Cooper	8-10 weeks	\$969.00	12	\$11,628.00		no
Item 2 37.5 kVa Single Phase 240/120	Eaton Cooper	8-10 weeks	\$1,185.00	28	\$33,180.00		
Item 3 50 kVa Single Phase 240/120	Eaton Cooper	8-10 weeks	\$1,401.00	20	\$28,020.00		
					<u>\$72,828.00</u>	<u>\$0.00</u>	
<hr/>							
Graybar Electric Company, Inc.							
Item 1 25 kVa Single Phase 240/120	GE	15 weeks	\$999.00	12	\$11,988.00	\$11,988.00	yes
Item 2 37.5 kVa Single Phase 240/120	GE	15 weeks	\$1,127.00	28	\$31,556.00	\$31,556.00	yes
Item 3 50 kVa Single Phase 240/120	GE	15 weeks	\$1,234.00	20	\$24,680.00	\$24,680.00	yes
					<u>\$68,224.00</u>	<u>\$68,224.00</u>	
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Howard Industries, Inc., c/o Power Sales Group, Inc.							
Item 1 25 kVa Single Phase 240/120	Howard	8-10 weeks	\$1,306.00	12	\$15,672.00		
Item 2 37.5 kVa Single Phase 240/120	Howard	8-10 weeks	\$1,501.00	28	\$42,028.00		
Item 3 50 kVa Single Phase 240/120	Howard	8-10 weeks	\$1,739.00	20	\$34,780.00		
					<u>\$92,480.00</u>	<u>\$0.00</u>	
<hr/>							
Stuart C. Irby Company							
Item 1 25 kVa Single Phase 240/120	Power Partners, Inc.	10-12 weeks	\$1,220.00	12	\$14,640.00		Non Responsive
Item 2 37.5 kVa Single Phase 240/120	Power Partners, Inc.	10-12 weeks	\$1,380.00	28	\$38,640.00		
Item 3 50 kVa Single Phase 240/120	Power Partners, Inc.	10-12 weeks	\$1,470.00	20	\$29,400.00		
					<u>\$82,680.00</u>	<u>\$0.00</u>	
					Cost for all of the lowest unit price items	\$68,224.00	

BOARD MATERIAL AVAILABLE
BUT NOT DISCUSSED

From: [Tracy Schultz](#)
To: [RMLD Board Members Group: "David Hennessy"](#)
Subject: AP and Payroll Questions for 3-21-19 Board Book
Date: Tuesday, March 19, 2019 8:20:00 AM

Good morning,

AP:

On February 8th there were no Commissioner questions.
On February 15th there were no Commissioner questions.
On February 22nd there were no Commissioner questions.
On March 1st there were no Commissioner questions.
On March 8th there were no Commissioner questions.
On March 15th there were no Commissioner questions.

Payroll:

On February 18th there were no Commissioner questions.
On March 4th there were no Commissioner questions.
On March 18th there were no Commissioner questions.

This e-mail will be included in the 3-21-19 Board Book.

Tracy Schultz
Executive Assistant
Reading Municipal Light Department
230 Ash Street, Reading, MA. 0186
Tel: 781.942.6489