



**READING MUNICIPAL
LIGHT DEPARTMENT**

**BOARD
OF
COMMISSIONERS**

REGULAR SESSION

MAY 12, 2016

**READING MUNICIPAL LIGHT DEPARTMENT
BOARD OF COMMISSIONERS MEETING**

230 Ash Street
Reading, MA 01867
May 12, 2016
6:30 p.m.

1. Call Meeting to Order

2. Opening Remarks

3. Introductions

4. Public Comment

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

5. Report RMLD Board Member Attendance at RMLD Citizens' Advisory Board Meeting

Note: Chairman O'Rourke attended the CAB meeting on April 27, 2016.

6. Report of the Committee – Audit Committee – Vice Chair Pacino

Note: Vice Chair Pacino attended the Town of Reading Audit Committee meeting on May 5, 2016.

7. Review of RMLD's Fiscal Year 2017 Operating Budget (Attachment 1)

8. Report of the General Manager – Ms. O'Brien (Attachment 2)

ACTION ITEM

- a. Revised Terms and Conditions
- b. Northeast Public Power Association (NEPPA) Annual Conference

Note: This will take place on August 21-24, 2016, Crowne Plaza Resort, Lake Placid, NY

9. Power Supply Report – Ms. Parenteau (Attachment 3)

ACTION ITEM

a. Proposed Rate Adjustment

Suggested Motion:

Move that the RMLD Board of Commissioners approve the rates MDPU numbers #259, 260, 261, 262, 263, 264, 265, 266, 267 and 268 effective July 1, 2016 on the recommendation of the General Manager.

RATE	TARIFF #
Residential Schedule A	MDPU #259
Residential Schedule RW	MDPU #260
Residential Time-of-Use Schedule A2	MDPU #261
Commercial Schedule C	MDPU #262
Industrial Time-of-Use Schedule I	MDPU #263
School Schedule SCH	MDPU #264
Private Lighting Schedule D	MDPU #265
Municipal LED Street Lighting	MDPU #266
Cooperative Resale Schedule G	MDPU #267
General Terms and Conditions (For All Classes of Service)	MDPU #268

10. RMLD Procurement Requests Requiring Board Approval (Attachment 4)

- a. IFB 2016-28 Repair of 15kV McGraw Edison Switchgear at Substation 5

ACTION ITEM

Suggested Motion:

Move that bid 2016-28 for Repair of 15kV McGraw Edison Switchgear at Substation 5 be awarded to Schneider Electric as the lowest responsible and eligible bidder on the recommendation of the General Manager for at total cost of \$28,342.78.

- b. IFB 2016-29 HVAC Improvements Phase II

Suggested Motion:

Move that bid 2016-29 for HVAC Improvements Phase II be awarded to N.B. Kenney Company, Inc. for a total of \$571,000.00, which includes the electrical sub-bid amount of \$98,220.00 as the lowest responsible and eligible bidder on the recommendation of the General Manager.

11. General Discussion

BOARD MATERIAL AVAILABLE BUT NOT DISCUSSED

E-Mail responses to Account Payable/Payroll Questions

Rate Comparisons, April 2016

RMLD Board Meetings

Thursday, May 19, 2016, 6:30 pm Capital Budget and Board Meeting

Thursday, June 9, 2016

Thursday, July 14, 2016

RMLD Board Policy Committee Meeting

To be determined.

RMLD Fiber Optic Committee Meeting

To be determined.

CAB Meetings

Wednesday, June 1, 2016, Regular Meeting

12. Executive Session

ACTION ITEM

Suggested Motion:

Move that the Board go into Executive Session to discuss strategy with respect to collective bargaining and return to Regular Session for the sole purpose of adjournment.

13. Adjournment

ACTION ITEM

Suggested Motion:

Move to adjourn the Regular Session.

RMLD'S FISCAL YEAR 2017
OPERATING BUDGET
ATTACHMENT 1

**READING MUNICIPAL LIGHT
DEPARTMENT**

***FY 2017
OPERATING
BUDGET***

MARCH 31, 2016

Coleen O'Brien
General Manager

READING MUNICIPAL LIGHT DEPARTMENT
SIX YEAR PLAN
3/31/16

FISCAL YEAR	ACTUAL 2015	8 ACT / 4 BUD 2016	2017	change	2018	change	2019	change	2020	change	2021
OPERATING REVENUE:											
SALES OF ELEC - BASE	21,450,418	23,124,632	25,500,000	3.50%	26,392,500	3.00%	27,184,275	3.00%	27,999,803	1.75%	28,489,800
SALES OF ELEC - BASE CAPACITY	17,245,754	17,799,517	20,943,651		20,430,755		22,832,400		18,867,982		19,490,206
SALES OF ELEC - BASE TRANSMISSION	11,739,432	12,635,347	13,378,627		14,251,604		15,152,604		15,736,279		16,860,456
SALES OF ELEC - FUEL	34,136,551	35,456,046	34,074,492		34,501,301		34,800,340		35,528,207		36,780,429
NYPA	(1,062,221)	(1,044,720)	(900,000)		(900,000)		(900,000)		(900,000)		(900,000)
FORFEITED DISCOUNTS	822,014	693,739	688,500		712,598		733,975		755,995		769,225
ENERGY CONSERVATION	673,837	670,050	673,000		673,000		673,000		673,000		673,000
TOTAL OPERATING REVENUE	85,005,785	89,334,611	94,358,270		96,061,758		100,476,594		98,661,266		102,163,115
OPERATING EXPENSES:											
PURCHASED POWER - BASE CAPACITY	17,259,254	17,799,517	20,943,651		20,430,755		22,832,400		18,867,982		19,490,206
PURCHASED POWER - BASE TRANSMISSION	11,752,933	12,635,347	13,378,627		14,251,604		15,152,604		15,736,279		16,860,456
PURCHASED POWER - FUEL	32,061,040	34,411,326	33,174,492		33,601,301		33,900,340		34,628,207		35,880,429
OPERATION EXPENSE	10,519,398	10,513,069	12,107,583	3.00%	12,470,810	3.00%	12,844,935	3.00%	13,230,283	3.00%	13,627,191
MAINTENANCE EXPENSE	3,510,000	3,231,133	3,717,632	3.00%	3,829,161	3.00%	3,944,036	3.00%	4,062,357	3.00%	4,184,228
DEPRECIATION EXPENSE	3,861,465	3,957,565	4,134,000		4,386,000		4,616,000		4,834,000		4,834,000
TOWN PAYMENTS	1,395,728	1,404,973	1,445,420		1,623,532		1,681,930		1,755,536		1,755,536
TOTAL OPERATING EXPENSES	80,359,818	83,952,930	88,901,405		90,593,164		94,972,245		93,114,643		96,632,046
TOTAL OPERATING INCOME	4,645,967	5,381,681	5,456,865		5,468,594		5,504,349		5,546,623		5,531,070
NONOPERATING REVENUES:											
MDSE AND JOBBING	437,657	468,056	390,000		390,000		390,000		390,000		390,000
INTEREST INCOME	122,693	142,949	125,000		150,000		150,000		150,000		150,000
MMWEC REFUND AND ADVANCE IN AID	430,195	446,801	500,000		500,000		500,000		500,000		500,000
TOTAL OTHER INCOME	990,545	1,057,806	1,015,000		1,040,000		1,040,000		1,040,000		1,040,000
NONOPERATING EXPENSES:											
CUSTOMER DEPOSIT INTEREST EXP	1,205	3,127	2,100		2,100		2,100		2,100		2,105
OTHER DEDUCTIONS (INCLUDING ROI)	2,394,031	2,520,296	2,534,668		2,560,015		2,585,615		2,611,471		2,637,586
TOTAL MISCELLANEOUS DEDUCTIONS	2,395,236	2,523,423	2,536,768		2,562,115		2,587,715		2,613,571		2,639,691
NET INCOME	3,241,276	3,916,064	3,935,097		3,946,479		3,956,635		3,973,052		3,931,379
ROR %			7.64		7.10		7.29		7.34		7.32

2017 BUDGET SUMMARY

PURCHASE POWER EXPENSE

PROJECT	CAPACITY	% of Total	TRANSMISSION	% of Total	ENERGY	% of Total	TOTAL	% of Total
NUC. MIX #1 MILLSTONE	844,348	4.0%	18,723	0.1%	171,050	0.5%	1,034,120	1.5%
NUC. MIX #1 SEABROOK	83,127	0.4%	182	0.0%	16,901	0.1%	100,210	0.1%
PROJ. #3 MILLSTONE	954,185	4.6%	13,323	0.1%	131,158	0.4%	1,098,666	1.6%
PROJ. #4 SEABROOK	2,272,530	10.9%	4,121	0.0%	414,802	1.3%	2,691,453	4.0%
PROJ. #5 SEABROOK	320,160	1.5%	508	0.0%	51,186	0.2%	371,855	0.6%
NYPA	206,061	1.0%	669,595	5.0%	144,793	0.4%	1,020,448	1.5%
STONYBROOK PEAKING PROJECT	611,861	2.9%	27,026	0.2%	40,733	0.1%	679,620	1.0%
STONYBROOK INTERMEDIATE PROJECT	2,656,840	12.7%	31,875	0.2%	2,745,660	8.3%	5,434,374	8.1%
ISO-NE	7,426,141	35.5%	12,613,289	94.3%	2,654,415	8.0%	22,693,845	33.6%
NEMA CONGESTION					(1,740,000)	-5.2%	(1,740,000)	-2.6%
BRAINTREE WATSON	1,558,599	7.4%			346,857	1.0%	1,905,456	2.8%
NEXTERA	4,059,000	19.4%			3,410,424	10.3%	7,469,424	11.1%
HYDRO QUEBEC SUPPORT SERVICES	(49,200)	-0.2%				0.0%	(49,200)	-0.1%
REMVEC					10,200	0.0%	10,200	0.0%
EXELON					5,206,044	15.7%	5,206,044	7.7%
BP ENERGY					5,253,528	15.8%	5,253,528	7.8%
SHELL ENERGY					7,306,317	22.0%	7,306,317	10.8%
SWIFT RIVER HYDRO					2,685,671	8.1%	2,685,671	4.0%
SUMMIT HYDRO					605,475	1.8%	605,475	0.9%
COLLINS HYDRO					448,610	1.4%	448,610	0.7%
PIONEER HYDRO					354,633	1.1%	354,633	0.5%
HOSIERY MILL HYDRO					144,516	0.4%	144,516	0.2%
SADDLEBACK WIND					1,502,900	4.5%	1,502,900	2.2%
JERICO WIND					996,811	3.0%	996,811	1.5%
ONE BURLINGTON SOLAR					246,590	0.7%	246,590	0.4%
COOP / RESALE					25,200	0.1%	25,200	0.0%
TOTAL	20,943,652	100.0%	13,378,641	100.0%	33,174,474	100.0%	67,496,767	100.0%

NYPA : New York Power Authority

ISO-NE: Independent System Operator - New England

REMVEC: Rhode Island, Eastern Massachusetts, Vermont, Energy Control

NEMA: Northeast Massachusetts

READING MUNICIPAL LIGHT DEPARTMENT

2017 BUDGET SUIMMARY

	2017 BUDGET [A]	% CHANGE [A] & [B]	2016 8 MTHS ACT 4 MTHS BUD [B]	% CHANGE [B] & [C]	FY 15 ACTUAL [C]
OPERATING REVENUE:					
SALES OF ELEC - BASE	25,500,000	10.27%	23,124,632	7.81%	21,450,418
SALES OF ELEC - CAPACITY	20,943,651	17.66%	17,799,517	2.93%	17,292,709
SALES OF ELEC - TRANSMISSION	13,378,627	5.88%	12,635,347	8.06%	11,692,479
SALES OF ELEC - FUEL	34,074,492	-3.90%	35,456,046	3.87%	34,136,551
ENERGY CONSERVATION	673,000	0.44%	670,050	-0.56%	673,836
NYPA CREDIT	(900,000)	-13.85%	(1,044,720)	-1.65%	(1,062,221)
TOTAL OPERATING REVENUE	93,669,770	5.67%	88,640,872	5.29%	84,183,772
OPERATING EXPENSES:					
PURCHASED POWER - CAPACITY'	20,943,651	17.66%	17,799,517	2.93%	17,292,709
PURCHASED POWER - TRANSMISSION	13,378,627		12,635,347		11,719,479
OPERATION EXPENSE	12,107,583	15.17%	10,513,069	-0.06%	10,519,398
MAINTENANCE EXPENSE	3,717,632	15.06%	3,231,133	-69.28%	3,510,000
DEPRECIATION EXPENSE	4,134,000	4.46%	3,957,565	12.75%	3,861,465
TOWN PAYMENTS	1,445,420	2.88%	1,404,973	-63.62%	1,395,728
SUB-TOTAL	55,726,913	12.49%	49,541,604	2.57%	48,298,779
PURCHASED POWER - FUEL	33,174,492	-3.59%	34,411,326	7.33%	32,061,040
TOTAL OPERATING EXPENSES	88,901,405	5.89%	83,952,930	4.47%	80,359,819
NET OPERATING INCOME	4,768,365	1.72%	4,687,942	22.59%	3,823,953
OTHER INCOME:					
MDSE AND JOBBING	390,000	-16.68%	468,056	6.95%	437,657
INTEREST INCOME	125,000	-12.56%	142,949	16.51%	122,693
FORFEITED DISCOUNTS	688,500	-0.76%	693,739	-15.60%	822,013
MISCELLANEOUS REVENUE	500,000	11.91%	446,801	3.86%	430,195
TOTAL OTHER INCOME	1,703,500	-2.74%	1,751,545	-3.37%	1,812,558
MISCELLANEOUS INCOME DEDUCTIONS:					
CUSTOMER DEPOSIT INTEREST EXP	2,100	-32.84%	3,127	159.50%	1,205
OTHER DEDUCTIONS (ROI)	2,534,668	0.57%	2,520,296	5.27%	2,394,031
TOTAL MISCELLANEOUS DEDUCTIONS	2,536,768	0.53%	2,523,423	5.35%	2,395,236
NET INCOME	3,935,097	0.49%	3,916,064	20.82%	3,241,275

READING MUNICIPAL LIGHT DEPARTMENT

2017 BUDGET SUMMARY

	2017 BUDGET [A]	% CHANGE [A] & [B]	2016 8 MTHS ACT 4 MTHS BUD [B]	% CHANGE [B] & [C]	FY 15 ACTUAL [C]
OPERATING EXPENSES:					
555 PURCHASED POWER CAPACITY	20,943,651	17.66%	17,799,517	2.93%	17,292,708
557 PURCHASED POWER TRANSMISSION	13,378,627	5.88%	12,635,347	7.81%	11,719,478
TOTAL PURCHASED POWER	34,322,278	12.77%	30,434,864	4.90%	29,012,186
568 MAINT OF TRANS PLANT	3,000	6.53%	2,816	3.34%	2,725
TOTAL TRANSMISSION EXP	3,000	6.53%	2,816	3.34%	2,725
580 OPER SUPER & ENGIN	655,195	13.21%	578,747	7.90%	536,370
581 OPERATION LABOR	91,269	-30.87%	132,018	-22.50%	170,342
581 1 OPERATION LABOR MISC	901,213	32.61%	679,576	-18.24%	831,134
582 OPERATION SUPPLIES & EXP	472,879	13.53%	416,526	-16.01%	495,903
585 STREET LIGHTING EXP	102,402	-5.78%	108,681	16.89%	92,980
586 METER EXP	205,717	-12.08%	233,992	13.16%	206,774
588 MISC DISTRIBUTION EXP	464,418	3.70%	447,859	-3.43%	463,748
590 MAINT OF STRUCTURE & EQUIP	419,599	9.83%	382,052	-25.03%	509,639
593 MAINT OF LINES OH	2,044,499	10.14%	1,856,310	-4.26%	1,938,960
594 MAINT OF LINES UG	125,066	31.67%	94,983	-46.87%	178,768
595 MAINT OF LINE TRANSFORMS	300,000	83.04%	163,896	108.80%	78,496
596 MAINT OF ST LT & SIG SYS	10,287	247.66%	2,959	-1445.00%	(220)
597 MAINT OF METERS	44,658	442.89%	8,226	100.00%	-
TOTAL DISTRIBUTION EXP	5,837,203	14.32%	5,105,825	-7.22%	5,502,894
902 METER READING LABOR & EXP	32,640	16.31%	28,063	68.61%	16,644
903 ACCT & COLL LABOR & EXP	1,792,724	7.98%	1,660,192	-5.80%	1,762,389
904 UNCOLLECTABLE ACCTS	150,000	25.00%	120,000	144.03%	49,174
TOTAL CUST ACCT EXP	1,975,365	9.24%	1,808,255	-1.09%	1,828,207
916 ENERGY AUDIT EXP	1,501,806	35.48%	1,108,508	11.10%	997,784
920 ADMIN & GENERAL SALARIES	1,134,674	29.44%	876,594	7.86%	812,731
921 1 OFFICE SUPPLIES EXP	349,000	9.01%	320,163	-7.72%	346,960
923 OUTSIDE SERVICE EMPLOYED	418,100	28.25%	326,005	-44.48%	587,157
924 PROPERTY INSURANCE	424,500	5.84%	401,081	9.45%	366,464
925 INJURIES & DAMAGES	57,215	17.52%	48,687	8.56%	44,850
926 EMPLOYEES PENSIONS & BENS	2,922,673	8.23%	2,700,353	12.43%	2,401,782
930 MISC GENERAL EXP	219,156	57.10%	139,499	-4.61%	146,236
931 RENT EXPENSE	212,000	13.65%	186,533	-1.81%	189,965
932 1 MAINT OF GARAGE & STCKRM	590,523	2.70%	575,011	-4.05%	599,301
935 MTN OF GEN PLANT	180,000	24.24%	144,876	-28.40%	202,330
TOTAL ADMIN & GEN EXP	8,009,647	17.32%	6,827,310	1.97%	6,695,560
GRAND TOTAL	50,147,493	13.51%	44,179,070	2.64%	43,041,572
LESS: PURCHASED POWER MAINTENANCE EXPENSES	(34,322,278)	12.77%	(30,434,864)	4.90%	(29,012,186)
	(3,717,632)	15.06%	(3,231,129)	-7.95%	(3,509,999)
TOTAL OPERATION EXPENSE	12,107,583	15.17%	10,513,077	-0.06%	10,519,387

READING MUNICIPAL LIGHT DEPARTMENT
2017 BUDGET SUMMARY

OTHER EXPENSES:	2017		2016		FY 15 ACTUAL [C]
	BUDGET [A]	% CHANGE [A] & [B]	8 MTHS ACT 4 MTHS BUD [B]	% CHANGE [B] & [C]	
MAINTENANCE EXPENSE:					
568 MTN OF TRANS. PLANT	3,000	6.53%	2,816	3.34%	2,725
590 MTN OF STRUCTURES	419,599	9.83%	382,052	-25.03%	509,639
593 MTN OF LINES - OH	2,044,499	10.14%	1,856,310	-4.26%	1,938,960
594 MTN OF LINES - UG	125,066	31.67%	94,983	-46.87%	178,768
595 MTN OF LINE TRANS.	300,000	83.04%	163,896	108.80%	78,496
596 MTN OF ST. LIGHTS	10,287	247.66%	2,959	-1445.00%	(220)
597 MAINT OF METERS	44,658	442.89%	8,226	#DIV/0!	-
932 1 MTN OF GARAGE	590,523	2.70%	575,011	-4.05%	599,301
935 MTN OF GEN PLANT	180,000	24.24%	144,876	-28.40%	202,330
TOTAL MAINTENANCE EXPENSES	<u>3,717,632</u>	15.06%	<u>3,231,129</u>	-7.95%	<u>3,509,999</u>
DEPRECIATION EXPENSE:					
403 DEPRECIATION EXPENSE	<u>4,134,000</u>	4.46%	<u>3,957,565</u>	2.49%	<u>3,861,465</u>
OTHER TAXES:					
408 OTHER TAXES (2% TOWN PAYMTS)	<u>1,445,420</u>	2.88%	<u>1,404,973</u>	0.66%	<u>1,395,728</u>
INTEREST ON CUSTOMER DEPOSITS:					
419-2 INTEREST EXP ON CUST DEP	<u>2,100</u>	-32.84%	<u>3,127</u>	159.50%	<u>1,205</u>

RMLD
BUDGET / ACTUAL COMPARISON SUMMARY SCHEDULE
3/31/2016

DIVISION	2017	% CHANGE	2016	% CHANGE	FY 15
	BUDGET TOTAL		8 MTHS ACT 4 MTHS BUD		ACTUAL
	[A]	[A] & [B]	[B]	[B] & [C]	[C]
BUSINESS DIVISION	10,643,334	4.52%	10,183,488	0.87%	10,095,287
INTEGRATED RESOURCES	1,640,106	35.56%	1,209,843	-1.44%	1,227,569
ENGINEERING AND OPERATIONS	5,880,454	18.31%	4,970,168	-6.45%	5,312,869
FACILITY	4,881,003	7.51%	4,540,142	9.08%	4,162,204
GENERAL MANAGER	<u>896,505</u>	23.40%	<u>726,518</u>	-17.81%	<u>883,902</u>
SUB-TOTAL	23,941,402	10.69%	21,630,159	-0.24%	21,681,831
PURCHASED POWER BASE CAPACITY	20,943,651	17.66%	17,799,517	3.13%	17,259,254
PURCHASED POWER BASE TRANSMISSION	13,378,627	5.88%	12,635,347	7.51%	11,752,933
PURCHASED POWER FUEL	33,174,492	-3.59%	34,411,326	7.33%	32,061,040
TOTAL	<u>91,438,172</u>	5.74%	<u>86,476,349</u>	4.50%	<u>82,755,058</u>

9:53 AM
3/31/2016

RMLD
INTERGRATED RESOURCES DIVISION
2017 BUDGET SUMMARY

	2017 BUDGET TOTAL	% CHANGE	2016 8 MTHS ACT 4 MTHS BUD	% CHANGE	FY 15 ACTUAL
	[A]	[A] & [B]	[B]	[B] & [C]	[C]
INTEGRATED RESOURCES DIVISION					
01-75-5916-000 INT RES EXP	60,000	-14.76%	70,392	12.48%	62,584
01-75-5916-101 LABOR REG	546,232	19.85%	455,774	22.56%	371,875
01-75-5916-102 LABOR OT	0	0.00%	0	-100.00%	3,096
01-75-5916-103 EE EDUCATION	22,500	115.11%	10,460	29.84%	8,056
01-75-5916-109 KEY ACCOUNT	1,500	50.15%	999	-82.42%	5,684
	<u>630,232</u>	17.23%	<u>537,625</u>	19.13%	<u>451,295</u>
01-75-5923-000 OUTSIDE SERVICES	138,300	36.48%	101,335	-55.90%	229,782
01-75-5916-402 RES CONSERVE PROG	192,000	2.53%	187,268	7.69%	173,888
01-75-5916-403 RES CONSERVE OTHER	106,004	313.49%	25,636	100.00%	0
01-75-5916-502 COMM CONSERVE PROG	393,000	27.99%	307,061	-17.59%	372,604
01-75-5916-503 COMM CONSERVE OTHER	180,571	254.63%	50,918	100.00%	0
	<u>871,574</u>	52.67%	<u>570,883</u>	4.46%	<u>546,492</u>
GRAND TOTAL	<u>1,640,106</u>	35.56%	<u>1,209,843</u>	-1.44%	<u>1,227,569</u>

11:24 AM
3/31/2016

RMLD
BUSINESS DIVISION BUDGET
2017 BUDGET SUMMARY

	2017	% CHANGE	2016	% CHANGE	FY 15 ACTUAL
	BUDGET TOTAL		8 MTHS ACT 4 MTHS BUD		
	[A]	[A] & [B]	[B]	[B] & [C]	[C]
ACCOUNTING 59					
01-59-5903-101 LABOR REG	328,957	43.51%	229,230	6.10%	216,060
01-59-5903-102 LABOR OT	1,000	-77.40%	4,425	100.00%	0
01-59-5903-103 EE EDUCATION	17,000	59.36%	10,668	148.85%	4,287
01-59-5903-105 SUPPLIES	350,000	7.86%	324,507	-7.85%	352,146
01-59-5921-000 OFFICE SUPPLIES	324,000	7.40%	301,681	-8.60%	330,075
01-59-5923-000 OUTSIDE SERVICES	35,000	21.13%	28,895	-45.24%	52,763
SUB-TOTAL	1,055,957	17.41%	899,406	-5.85%	955,331
CUSTOMER SERVICE 62					
01-62-5903-101 LABOR REG	415,224	-9.68%	459,721	-17.01%	553,927
01-62-5903-102 LABOR OT	2,000	100.00%	0	-100.00%	4,528
01-62-5903-103 EE EDUCATION	7,500	274.25%	2,004	-52.62%	4,230
01-62-5903-104 TEMP LABOR	0	-100.00%	23,088	100.00%	0
01-62-5903-105 SUPPLIES	16,000	-5.37%	16,908	63.49%	10,342
01-62-5903-106 VEHICLE	4,992	-116.82%	(29,672)	767.86%	(3,419)
01-62-5904-000 UNCOLLECT ACCOUNTS	150,000	25.00%	120,000	144.03%	49,174
SUB-TOTAL	595,716	0.62%	592,049	-4.32%	618,782
MIS 61					
01-61-5903-101 LABOR REG	566,451	4.29%	543,172	-8.14%	591,325
01-61-5903-102 LABOR OT	1,000	-83.95%	6,231	318.75%	1,488
01-61-5903-103 EE EDUCATION	19,600	-1.28%	19,855	-5.66%	21,047
01-61-5903-104 TEMP LABOR	48,000	40.93%	34,060	100.00%	0
01-61-5903-105 SUPPLIES	15,000	-6.22%	15,995	148.91%	6,426
01-61-5935-000 MAINT GEN PLANT	180,000	24.24%	144,877	-28.40%	202,330
SUB-TOTAL	830,051	8.62%	764,190	-7.10%	822,616
MISCELLANEOUS DEDUCTIONS 57/77					
01-77-5403-000 DEPRECIATION EXP	4,134,000	4.46%	3,957,566	2.49%	3,861,465
01-77-5408-000 VOLUNTARY PAYMENTS	1,445,420	2.88%	1,404,973	0.66%	1,395,728
01-77-5419-000 INTEREST EXP	2,100	-32.84%	3,127	159.50%	1,205
01-77-5426-005 OTHER DEDUCTIONS	150,000	0.00%	150,000	145.23%	61,168
01-77-5426-005 T READING ROI	2,384,668	0.61%	2,370,297	1.60%	2,332,863
01-57-5920-101 AC/BUS MGR LABOR REG	43,022	4.73%	41,080	-10.95%	46,129
01-57-5930-109 AC/BUS MGR MISC GEN	2,400	200.00%	800	100.00%	0
SUB-TOTAL	8,161,610	2.95%	7,927,843	2.98%	7,698,558
GRAND TOTAL	10,643,334	4.52%	10,183,488	0.87%	10,095,287

RMLD
ENGINEERING AND OPERATIONS DIVISION BUDGET
2017 BUDGET SUMMARY

	2017	% CHANGE	2016	% CHANGE	FY 15
	BUDGET		8 MTHS ACT		ACTUAL
	TOTAL		4 MTHS BUD		
	[A]	[A] & [B]	[B]	[B] & [C]	[C]
E&O DIRECTOR 55					
01-55-5920-101 LABOR REG	375,037	66.91%	224,696	2.34%	219,551
01-55-5920-102 LABOR OT	1,500	-39.64%	2,485	-42.54%	4,325
01-55-5930-103 EE EDUCATION	9,500	124.96%	4,223	-67.53%	13,006
01-55-5930-106 VEHICLE	4,992	-298.88%	(2,510)	-27.39%	(3,457)
01-55-5923-000 OUTSIDE SERVICES	15,000	-46.90%	28,251	51.56%	18,640
01-55-5930-105 MISC GENERAL	1,000	-51.55%	2,064	16.94%	1,765
SUB-TOTAL	407,029	57.03%	259,209	2.12%	253,830
ENGINEERING 65					
01-65-5580-101 LABOR REG	573,054	12.07%	511,357	12.45%	454,759
01-65-5580-102 LABOR OT	30,000	-41.57%	51,343	-27.45%	70,766
01-65-5580-103 EE EDUCATION	39,150	244.60%	11,361	35.86%	8,362
01-65-5580-105 SUPPLIES	8,000	26.18%	6,340	21.34%	5,225
01-65-5580-106 VEHICLE	4,992	-401.81%	(1,654)	-39.66%	(2,741)
01-65-5923-000 OUTSIDE SERVICES	65,000	193.76%	22,127	4196.50%	515
SUB-TOTAL	720,195	19.86%	600,874	11.92%	536,886
LINE 66					
01-66-5568-109 MAINT OF TRANS EXP	3,000	6.50%	2,817	3.38%	2,725
01-66-5581-101 LABOR MISC	765,213	36.82%	559,271	-20.51%	703,607
01-66-5581-109 GENERAL EXP	90,000	-6.27%	96,024	19.87%	80,105
01-66-5581-103 EE EDUCATION	46,000	89.45%	24,281	-48.80%	47,423
01-66-5585-109 STREET LIGHT EXP	30,000	124.53%	13,361	-66.06%	39,361
01-66-5585-101 LABOR REG ST LIGHT	39,442	6.81%	36,928	13.53%	32,527
01-66-5585-102 LABOR OT ST LIGHT	8,000	-75.78%	33,024	453.07%	5,971
01-66-5585-106 VEHICLE ST LIGHT	24,960	-1.53%	25,348	67.62%	15,122
01-66-5593-109 MAINT OF LINES	129,234	-30.88%	186,981	12.88%	165,653
01-66-5593-101 LABOR REG MAINT LINE	653,768	24.36%	525,721	1.66%	517,124
01-66-5593-102 LABOR OT MAINT LINE	299,820	-21.08%	379,906	-21.76%	485,558
01-66-5593-106 VEHICLE MAINT OH LINE	174,719	143.44%	71,771	-63.42%	196,192
01-78-5593-110 TREE TRIMMING	786,958	13.73%	691,931	20.45%	574,433
01-66-5594-109 MAINT UG LINE	98,000	28.15%	76,470	100.00%	0
01-66-5594-101 LABOR REG UG LINES	16,406	14.65%	14,309	36.93%	10,450
01-66-5594-102 LABOR OT UG LINE	5,000	37.40%	3,639	184.74%	1,278
01-66-5594-106 VEHICLE UG LINE	5,660	899.99%	566	-2560.87%	(23)
01-66-5596-109 ST LT & SIG EXP	250	204.88%	82	-99.95%	167,063
01-66-5596-101 LABOR REG ST LT/SG	7,291	213.34%	2,327	100.00%	0
01-66-5596-102 LABOR OT ST LT/SG	250	204.88%	82	100.00%	0
01-66-5596-106 VEHICLE ST LT/SG	2,496	433.33%	468	-312.73%	(220)
SUB-TOTAL	3,186,467	16.07%	2,745,307	-9.82%	3,044,349

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RMLD
ENGINEERING AND OPERATIONS DIVISION BUDGET
2017 BUDGET SUMMARY

	2017 BUDGET TOTAL	% CHANGE	2016 8 MTHS ACT 4 MTHS BUD	% CHANGE	FY 15 ACTUAL
	[A]	[A] & [B]	[B]	[B] & [C]	[C]
METER READING 80					
01-80-5902-101 LABOR REG	24,153	-5.34%	25,515	64.83%	15,480
01-80-5902-102 LABOR OT	1,000	300.00%	250	100.00%	0
01-80-5902-106 VEHICLE	7,488	225.85%	2,298	97.25%	1,165
SUB-TOTAL	32,640	16.31%	28,063	68.60%	16,645
METER TECHNICIANS 67					
01-67-5586-109 METER TECH EXP	1,000	-86.02%	7,152	95.78%	3,653
01-67-5586-101 LABOR REG	166,141	-22.73%	215,018	8.59%	198,013
01-67-5586-102 LABOR OT	20,000	52.80%	13,089	48.02%	8,843
01-67-5586-103 EE EDUCATION	3,600	133.01%	1,545	-35.41%	2,392
01-67-5586-106 VEHICLE	14,976	-632.76%	(2,811)	-54.11%	(6,126)
SUB-TOTAL	205,717	-12.08%	233,993	13.16%	206,775
STATION 68					
01-68-5581-109 STATION OP	6,000	-5.88%	6,375	9.52%	5,821
01-68-5581-101 LABOR REG SUP	85,269	-32.32%	125,985	-23.39%	164,444
01-68-5582-109 STATION SUPPLIES	5,000	-164.63%	(7,736)	-585.32%	1,594
01-68-5582-101 LABOR REG	342,783	3.19%	332,199	0.64%	330,088
01-68-5582-102 LABOR OT	120,000	32.37%	90,656	-44.86%	164,396
01-68-5582-103 EE EDUCATION	2,600	78.82%	1,454	71.06%	850
01-68-5582-106 VEHICLE	2,496	-743.29%	(388)	-58.99%	(946)
SUB-TOTAL	564,148	2.84%	548,545	-17.67%	666,247
01-68-5590-109 SENIOR TECH EXP	5,000	-85.52%	34,519	100.00%	0
01-68-5590-101 LABOR REG	268,178	6.52%	251,755	-0.10%	252,017
01-68-5590-102 LABOR OT	5,000	-87.83%	41,077	-58.48%	98,944
01-68-5590-103 EE EDUCATION	15,925	85.26%	8,596	67.01%	5,147
01-68-5590-105 SUPPLIES	123,000	164.54%	46,495	-69.80%	153,932
01-68-5590-106 VEHICLE	2,496	-743.29%	(388)	-3.00%	(400)
01-68-5595-000 TRANSFORMER MAINT	300,000	83.04%	163,897	108.79%	78,497
01-68-5597-109 MAINT METERS	2,500	200.12%	833	100.00%	0
01-68-5597-101 LABOR REG	23,408	1955.13%	1,139	100.00%	0
01-68-5597-102 LABOR OT	18,750	199.81%	6,254	100.00%	0
SUB-TOTAL	764,257	37.91%	554,177	-5.77%	588,137
GRAND TOTAL	5,880,454	18.31%	4,970,168	-6.45%	5,312,869

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RMLD
FACILITY MANAGER DIVISION BUDGET
2017 BUDGET SUMMARY

	2017 BUDGET TOTAL	% CHANGE	2016 8 MTHS ACT 4 MTHS BUD	% CHANGE	FY 15 ACTUAL
	[A]	[A] & [B]	[B]	[B] & [C]	[C]
GENERAL BENEFITS 53					
01-53-5920-101 LABOR REG	121,774	-6.53%	130,279	67.51%	77,774
01-53-5920-102 LABOR OT	0	0.00%	0	-100.00%	458
01-53-5930-103 EE EDUCATION	21,600	6566.67%	324	-55.80%	733
01-53-5930-105 SUPPLIES	1,000	197.62%	336	100.00%	0
01-53-5923-000 OUTSIDE SERVICES	27,000	4.95%	25,727	100.00%	0
01-53-5924-000 PROPERTY INSURANCE	424,500	5.84%	401,081	9.45%	366,465
01-53-5925-000 INJURIES & DAMAGES	57,215	17.52%	48,687	8.55%	44,851
01-53-5926-000 EE PENS & BENEFIT	2,922,673	8.23%	2,700,353	12.43%	2,401,782
01-53-5930-109 MISC GENERAL	3,300	54.64%	2,134	789.17%	240
01-53-5931-000 RENT	212,000	13.65%	186,534	-1.81%	189,965
SUB-TOTAL	3,791,062	8.46%	3,495,455	13.41%	3,082,268
BUILDING MAINTENANCE 64					
01-64-5923-000 OUTSIDE SERVICES	10,000	199.76%	3,336	100.00%	0
01-64-5932-101 LABOR REG	146,023	1.64%	143,673	29.93%	110,574
01-64-5932-102 LABOR OT	32,000	4.41%	30,647	-23.72%	40,178
01-64-5932-103 EE EDUCATION	6,500	381.48%	1,350	41.51%	954
01-64-5932-105 SUPPLIES	406,000	1.67%	399,340	-10.78%	447,595
SUB-TOTAL	600,523	3.83%	578,346	-3.50%	599,301
MATERIALS MANAGEMENT 60					
01-60-5588-109 MISC DIST EXP	70,000	-2.46%	71,762	-23.58%	93,909
01-60-5588-101 LABOR REG	361,418	4.34%	346,374	3.85%	333,527
01-60-5588-102 LABOR OT	15,000	18.49%	12,659	-45.40%	23,186
01-60-5588-103 EE EDUCATION	5,000	200.66%	1,663	131.62%	718
01-60-5588-105 SUPPLIES	13,000	-15.59%	15,401	24.11%	12,409
01-60-5921-000 OFFICE SUPPLIES	25,000	35.27%	18,482	9.45%	16,886
SUB-TOTAL	489,418	4.95%	466,341	-2.97%	480,635
GRAND TOTAL	4,881,003	7.51%	4,540,142	9.08%	4,162,204

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RMLD
GENERAL MANAGER DIVISION BUDGET
2017 BUDGET SUMMARY

	2017 BUDGET TOTAL	% CHANGE	2016 8 MTHS ACT 4 MTHS BUD	% CHANGE	FY 15 ACTUAL
	[A]	[A] & [B]	[B]	[B] & [C]	[C]
GENERAL MANAGER 51					
01-51-5920-101 LABOR REG	348,687	33.45%	261,296	-1.63%	265,635
01-51-5920-102 LABOR OT	0	0.00%	0	-100.00%	1,136
01-51-5923-000 OUTSIDE SERVICES	75,000	-5.20%	79,117	-69.84%	262,339
01-51-5930-103 EE EDUCATION	9,000	96.25%	4,586	6451.43%	70
01-51-5930-105 MISC GENERAL	55,000	-4.91%	57,841	-5.09%	60,945
01-51-5930-106 VEHICLE	10,000	-498.41%	(2,510)	-25.43%	(3,366)
SUB-TOTAL	497,687	24.32%	400,330	-31.77%	586,759
HUMAN RESOURCES 52					
01-52-5920-101 LABOR REG	121,249	4.55%	115,969	0.74%	115,119
01-52-5923-000 OUTSIDE SERVICES	52,800	41.87%	37,218	60.99%	23,118
01-52-5930-103 EE EDUCATION	4,200	40.00%	3,000	150.00%	1,200
01-52-5930-105 SUPPLIES	900	800.00%	100	163.16%	38
01-52-5930-109 MISC GENERAL	10,960	18.79%	9,226	15.44%	7,992
SUB-TOTAL	190,109	14.86%	165,513	12.24%	147,467
COMMUNITY RELATIONS 54					
01-54-5920-101 LABOR REG	116,939	24.46%	93,959	17.82%	79,750
01-54-5920-102 LABOR OT	0	0.00%	0	-100.00%	49
01-54-5930-109 MISC GENERAL	59,370	31.89%	45,016	-4.70%	47,237
01-54-5930-103 EE EDUCATION	2,500	100.00%	0	0.00%	0
01-54-5930-105 SUPPLIES	7,400	59.00%	4,654	-10.89%	5,223
SUB-TOTAL	186,209	29.65%	143,629	8.60%	132,259
CAB 56					
01-56-5920-101 LABOR REG	5,266	50.97%	3,488	86.03%	1,875
01-56-5920-102 LABOR OT	1,200	-64.10%	3,343	259.08%	931
01-56-5930-109 MISC GENERAL	8,534	219.27%	2,673	-76.64%	11,443
SUB-TOTAL	15,000	57.83%	9,504	-33.30%	14,249
BOARD 58					
01-58-5930-109 MISC GENERAL	7,500	-0.56%	7,542	138.07%	3,168
SUB-TOTAL	7,500	-0.56%	7,542	138.07%	3,168
GRAND TOTAL	896,505	23.40%	726,518	-17.81%	883,902

Description of RMLD's Power Supply

Stony Brook Intermediate Unit

The Stony Brook Intermediate Unit is a 354-megawatt, combined-cycle power plant that entered commercial operation in 1981.

The unit's three gas turbines generate electricity using either No. 2 oil or natural gas, with additional electricity produced using a single steam turbine in the combined-cycle process. MMWEC completed construction of a natural gas pipeline to serve the Intermediate Unit in September 2002. The RMLD has a Life of Unit (LOU) entitlement for 14.453% of the unit or approximately 51 Mws. The RMLD has paid off the debt service associated with this project.

Quick Facts – Stonybrook Intermediate Unit

Location	Ludlow, Massachusetts
On-Line Date	1981
Fuel	No. 2 oil/natural gas
Principal Owner/Operator	MMWEC
Total Capacity	354 megawatts

Stony Brook Peaking Unit

The Stony Brook Peaking Unit is a 172-megawatt peaking plant that entered commercial operation in 1982.

The unit's two turbines generate electricity using No. 2 oil. The RMLD has a Life of Unit (LOU) entitlement for 19.516% of the unit which is equivalent to approximately 33 Mws. The RMLD has paid off the debt service associated with this project.

Quick Facts – Stonybrook Peaking Unit

Location	Ludlow, Massachusetts
On-Line Date	1982
Fuel	No. 2 oil
Principal Owner/Operator	MMWEC
Total Capacity	172 megawatts

Braintree Electric Light Department - Watson Unit

The simple-cycle gas fired plant is powered by the first two Rolls-Royce Trent 60 gas turbines built for the U.S. power generation market – known as Watson Units #1 and #2. The units entered commercial operation on June 23, 2009.

Both Watson Units are bid into the ISO New England market system daily and are dispatched based on their bid price.

The units two turbines generate electricity using natural gas, with No. 2 oil as backup fuel. The RMLD has a 20 year entitlement for 10% of the unit which is equivalent to about 10 Mws.

Quick Facts – Watson Unit

Location	Braintree, Massachusetts
On-Line Date	2009
Fuel	Natural gas/No. 2 oil
Principal Owner/Operator	BELD
Total Capacity	100 megawatts

Seabrook Station

Seabrook Station is a 1,244-megawatt nuclear generating plant located in Seabrook, New Hampshire. An operating license for Seabrook was issued in 1986, but the plant did not begin commercial operation until 1990. The principal owner and operator of Seabrook Station is NextEra Energy Resources LLC, a subsidiary of Florida based FPL

Group, Inc. NextEra owns 88.2% of Seabrook Station. The other owners are MMWEC (11.59%) and two Massachusetts municipal utilities, the Taunton Municipal Lighting Plant (0.13%) and Hudson Light & Power Department (0.08%).

NextEra has announced plans to seek an extension of its Seabrook operating license from the current license expiration of 2030 to 2050. RMLD signed 3 different projects to finance Seabrook, Mix 1, Project 4, and Project 5. The debt service associated with these projects will be paid-off in 2014, 2017 & 2018 respectively. The RMLD has a Life of Unit (LOU) for 0.635% or approximately 8 Mws of the unit.

Quick Facts – Seabrook Station

Location	Seabrook, New Hampshire
On-Line Date	1990
Fuel	Nuclear – Pressurized Water Reactor
Principal Owner/Operator	NextEra Energy Resources, LLC
Total Capacity	1,244 megawatts

Millstone Unit 3

Millstone Unit 3 is a 1,237-megawatt nuclear generating plant located in Waterford, Connecticut. Millstone Unit 3, which began operation in 1986, is the newest and largest of the Millstone Station's three nuclear units, one of which is retired from service. The principal owner and operator of Millstone Station is Dominion Nuclear Connecticut, Inc., a subsidiary of Virginia-based Dominion Resources, Inc. Dominion Connecticut owns 93.4% of Millstone Unit 3.

The Nuclear Regulatory Commission (NRC) on November 28, 2005 approved Dominion Nuclear Connecticut's request for a 20-year operating license extension for Millstone's Unit 3 reactor. The license now expires in November, 2045. RMLD signed two different projects to finance Millstone #3, Mix 1 and Project 3. The debt service associated with these projects will be paid off in 2014 & 2018 respectively. The RMLD has a LOU agreement for 0.404% of the units which equates to approximately 4.6 Mws.

Quick Facts – Seabrook Station

Location	Waterford, Connecticut
On-Line Date	1986
Fuel	Nuclear – Pressurized Water Reactor
Principal Owner/Operator	Dominion Nuclear Connecticut, Inc.
Total Capacity	1,237 megawatts

New York Power Authority (NYPA)

The RMLD receives inexpensive hydroelectric power from the NYPA. RMLD receives capacity and energy from this contract. The Massachusetts Department of Public Utilities (DPU) has appointed MMWEC as the administrator of this contract. The current contract expires in 2025.

Hydro-Quebec Interconnection

The Hydro-Quebec Interconnection is an approximate 2000 Mw, direct current electric transmission line connecting central New England with the Canadian utility Hydro Quebec. Construction of the U.S. portion of the interconnection, which stretches from Groton/Ayer, in Massachusetts to the Canadian border in northern Vermont, was a joint effort of many New England utilities. The RMLD receives approximately 4.5 Mws of capacity from this contract.

Florida Power & Light Energy Power Marketing, Inc. (FP&L)

In March, 2008 the RMLD signed a power supply agreement for capacity with FP&L that is effective from June 1, 2012 through May 31, 2017. The contract is for 60,000 kW of firm, Rest-of-Pool ICAP (Installed Capacity). The amount of capacity purchased is fixed at 60,000 kW and the pricing is as follows:

Power Year	\$/kW-month Fixed Price	Floor Price	Cap Price
6/1/2012 – 5/31/2013	\$5.50		
6/1/2013 – 5/31/2014		\$5.50	\$6.00
6/1/2014 – 5/31/2015		\$5.65	\$6.15

6/1/2015 – 5/31/2016	\$5.90	\$6.40
6/1/2016 – 5/31/2017	\$6.15	\$6.65

Exelon #1

In June, 2012 the RMLD signed a system power contract with Exelon that is effective from January 1, 2013 through December 31, 2016. The RMLD receives energy only from this contract. The amount of energy purchased fluctuates on a monthly basis for both the on-peak and off-peak period. RMLD has secured fixed pricing for this contract.

Exelon #2

In May, 2015 the RMLD signed a system power contract with Exelon that is effective from January 1, 2016 through December 31, 2019. The RMLD receives energy only from this contract. The amount of energy purchased fluctuates on a monthly basis for both the on-peak and off-peak period. RMLD has secured fixed pricing for this contract.

BP Energy

In July, 2013 the RMLD signed a system power contract with BP Energy that is effective from January 1, 2014 through December 31, 2017. The RMLD receives energy only from this contract. The amount of energy purchased fluctuates on a monthly basis for both the on-peak and off-peak period. RMLD has secured fixed pricing for this contract.

Shell Energy

In November, 2014 the RMLD signed a system power contract with Shell Energy that is effective from January 1, 2015 through December 31, 2018. The RMLD receives energy only from this contract. The amount of energy purchased fluctuates on a monthly basis for both the on-peak and off-peak period. RMLD has secured fixed pricing for this contract.

Swift River Hydro

In March, 2011 the RMLD signed a purchase power agreements with Swift River Hydro LLC for the output of four hydro systems located in Massachusetts that are effective from February 1, 2011 through January 31, 2026. The Swift River Trading Company is

the lead market participant for and represents these hydroelectric generators with a total nameplate capacity of approximately 7 Mws and average annual generation of 25,000 megawatt-hours per year.

These facilities include the Woronoco Hydro facility in Russell, MA, Pepperell Hydro in Pepperell, MA; Indian River Power Supply in Russell, MA; and Turners Falls Hydro in Turners Falls, MA. Each of these facilities is owned by a special purpose entity, e.g., the Woronoco facility is owned by Woronoco Hydro LLC. The four facilities are managed by the Swift River Trading Company, LLC as the lead market participant for each of the facilities. Dr. Peter Clark is the manager of the Swift River Trading Company. RMLD is the only buyer.

- **Pepperell Hydro:** 15 year term beginning on February 1, 2011 and ending January 31, 2026. RMLD is purchasing all of the products produced by or attributable to the facility. The facility has a nameplate capacity of 1.9 Mws. The products include, but are not limited to, Energy, Installed Capacity, Ancillary Services, Renewable Energy Certificates and Environmental Attributes (to the extent not included in the RECs). The contract price for these products is \$100/Mwh for the first year, escalated 2.25% thereafter.
- **Woronoco Hydro:** 15 year term beginning on February 1, 2011 and ending January 31, 2026. RMLD is purchasing all of the products produced by or attributable to the facility. The facility has a nameplate capacity of 2.7 Mws. The products include, but are not limited to, Energy, Installed Capacity, Ancillary Services, Renewable Energy Certificates and Environmental Attributes (to the extent not included in the RECs). The contract price for these products is \$100/Mwh for the first year, escalated 2.25% thereafter. The facility is not currently qualified for FCM. Until the Seller qualifies the facility for FCM the contract price is reduced by \$5.00/Mwh.
- **Turners Falls Hydro:** 15 year term beginning on February 1, 2011 and ending January 31, 2026. RMLD is purchasing all of the products produced by or attributable to the facility. The facility has a nameplate capacity of 1 Mw. The products include, but are not limited to, Energy, Installed Capacity, Ancillary Services, Renewable Energy Certificates and Environmental Attributes (to the extent not included in the RECs). The contract price for these products is \$100/Mwh for the first year, escalated 2.25% thereafter. The facility is not currently qualified for FCM. Until the Seller qualifies the facility for FCM the contract price is reduced by \$5.00/Mwh.

- **Indian River Hydro:** 15 year term beginning on February 1, 2011 and ending January 31, 2026. RMLD is purchasing all of the products produced by or attributable to the facility. The facility has a nameplate capacity of 1.4 Mws. The products include, but are not limited to, Energy, Installed Capacity, Ancillary Services, Renewable Energy Certificates and Environmental Attributes (to the extent not included in the RECs). The contract price for these products is \$100/Mwh for the first year, escalated 2.25% thereafter. The facility is not currently qualified for FCM. Until the Seller qualifies the facility for FCM the contract price is reduced by \$5.00/Mwh.

Collins Hydro

In August, 2013 the RMLD signed a purchase power agreements with Swift River Hydro LLC for the output of Collins Hydro located in between Ludlow and Wilbraham Massachusetts. The contract with Swift River Hydro is effective from September 1, 2013 through August 31, 2028. The RMLD receives enery only from this contract. The average annual generation is approximately 5,667 megawatt-hours per year.

Pioneer Hydro

In August, 2013 the RMLD signed a purchase power agreements with Ware River Power Inc. for the output of Pioneer Hydro located in Ware, Massachusetts. The contract for Pioneer Hydro is effective from September 1, 2013 through August 31, 2028. The RMLD receives enery only from this contract. The average annual generation is approximately 4,480 megawatt-hours per year.

Hoisery Mills Hydro

In March, 2014 the RMLD signed a purchase power agreements with Silver Street Hydro Inc. for the output of Hosiery Mills located in Hillsborough, New Hampshire. The contract for Hosiery Mills Hydro is effective from March 1, 2014 through February 28, 2034. The RMLD receives enery only from this contract. The average annual generation is approximately 2,046 megawatt-hours per year.

Saddleback Ridge Wind

In December, 2013 the RMLD signed a purchase power agreement with Saddleback Ridge Wind, LLC for the output of Saddleback Ridge Wind located in Carthage, Maine. The contract for Saddleback Ridge Wind is effective from January 1, 2015 through December 31, 2035. The RMLD receives energy plus all attributes this contract. The average annual generation is estimated to be approximately 15,820 megawatt-hours per year.

Jericho Wind

In November, 2014 the RMLD signed a purchase power agreements with Jericho Power, LLC for the output of Jericho Wind located in Berlin, New Hampshire. The contract for Jericho Wind is for 20 years. The project went Commercial December, 2015. The RMLD receives energy plus all attributes from this contract. The average annual generation is estimated to be approximately 10,788 megawatt-hours per year.

One Burlington - Solar

In March, 2015 the RMLD signed a purchase power agreement with CREECA Energy LLC for the output of 2,000 kW AC solar array located at One Burlington Ave., Wilmington, Massachusetts. The solar array went on-line in November, 2015. The term of the contract for One Burlington is effective for ten years. The average annual generation is estimated to be approximately 3,450 megawatt-hours per year.

		2017
		Budget
		Jul-16 -
		Jun-17
PURCHASED POWER EXPENSE		
<hr/>		
NUC. MIX #1 MILLSTONE - CAPACITY	\$	844,348
NUC. MIX #1 MILLSTONE- TRANSMISSION	\$	18,723
NUC. MIX #1 MILLSTONE - ENERGY	\$	171,050
NUC. MIX #1 SEABROOK - CAPACITY	\$	83,127
NUC. MIX #1 SEABROOK - TRANSMISSION	\$	182
NUC. MIX #1 SEABROOK - ENERGY	\$	16,901
PROJ. #3 MILLSTONE- CAPACITY	\$	954,185
PROJ. #3 MILLSTONE- TRANSMISSION	\$	13,323
PROJ. #3 MILLSTONE- ENERGY	\$	131,158
PROJ. #4 SEABROOK- CAPACITY	\$	2,272,530
PROJ. #4 SEABROOK - TRANSMISSION	\$	4,121
PROJ. #4 SEABROOK- ENERGY	\$	414,802
PROJ. #5 SEABROOK - CAPACITY	\$	320,160
PROJ. #5 SEABROOK - TRANSMISSION	\$	508
PROJ. #5 SEABROOK - ENERGY	\$	51,186
NYPA - CAPACITY	\$	206,061
NYPA - TRANSMISSION	\$	669,595
NYPA - ENERGY	\$	144,793
REMVEC	\$	10,200
ISO-NE CAPACITY	\$	7,426,141
ISO-NE TRANSMISSION	\$	12,613,289
ISO-NE ENERGY	\$	2,654,415
NEMA CONGESTION	\$	(1,740,000)
HYDRO QUEBEC SUPPORT SERVICES	\$	(49,200)
STONYBROOK PEAKING PROJECT - CAPACITY	\$	611,861
STONYBROOK PEAKING PROJECT - TRANSMISSION	\$	27,026
STONYBROOK PEAKING PROJECT - ENERGY	\$	40,733
STONYBROOK INTERMEDIATE PROJECT - CAPACITY	\$	2,656,840
STONYBROOK INTERMEDIATE PROJECT - TRANS.	\$	31,875
STONYBROOK INTERMEDIATE PROJECT - ENERGY	\$	2,745,660
BRAINTREE WATSON - CAPACITY	\$	1,558,599
BRAINTREE WATSON - ENERGY	\$	346,857
NEXTERA	\$	3,410,424
EXELON	\$	5,206,044
BP ENERGY	\$	5,253,528
SHELL ENERGY	\$	7,306,317
NEXTERA CAPACITY PURCHASE	\$	4,059,000
SWIFT RIVER HYDRO	\$	2,685,671
SUMMIT HYDRO	\$	605,475
COLLINS HYDRO	\$	448,610
PIONEER HYDRO	\$	354,633
HOSIERY MILL HYDRO	\$	144,516
SADDLEBACK WIND	\$	1,502,900
JERICO WIND	\$	996,811
ONE BURLINGTON SOLAR	\$	246,590
COOP / RESALE	\$	25,200
DEFERRED FUEL	\$	-
TOTAL BUDGETED PURCHASED POWER	\$	67,496,767
TOTAL CAPACITY PURCHASED	29% \$	20,943,652
TOTAL TRANSMISSION PURCH.	19% \$	13,378,641
TOTAL ENERGY PURCHASED	52% \$	33,174,474

REPORT OF THE GENERAL MANAGER
ATTACHMENT 2

REVISED TERMS AND CONDITIONS

READING MUNICIPAL LIGHT DEPARTMENT GENERAL TERMS AND CONDITIONS FOR ELECTRIC SERVICE

I. APPLICABILITY

The following Terms and Conditions of the Reading Municipal Light Department (“RMLD”) shall be a part of every Rate Schedule or contract for electric service, except as may be expressly modified by contract or a particular Rate Schedule, or superseded by any applicable order or regulation of the Massachusetts Department of Public Utilities (“DPU”). The provisions of these Terms and Conditions and the Schedule of Rates shall apply to all persons and entities applying for or receiving service from RMLD (“Customer”) and compliance therewith by the Customer is a condition precedent to the initial and/or continuing supply of electricity, as applicable, by RMLD.

These Terms and Conditions, and any amendments hereto, are binding on every Customer regardless of whether such Customer has actual notice of them. No agent or employee of RMLD is authorized to modify, change or waive any of these Terms and Conditions by oral agreement, representation or otherwise. These Terms and Conditions may be revised, amended, supplemented, or otherwise changed from time to time only by a duly authorized vote of the RMLD Board of Commissioners. Such changes, when effective, shall supersede the applicable provisions hereof and shall be binding on all Customers. Service shall be subject to RMLD’s applicable policies, rules, regulations and specifications, to the extent not inconsistent with these Terms and Conditions.

II. INITIATING ELECTRIC SERVICE

- A. EXCLUSIVE SERVICE PROVIDER. RMLD shall be the exclusive electric service provider in its service territory. All Customers within RMLD’s electric service territory shall be prohibited from purchasing energy from any other entity or person. All Customers within RMLD’s electric service territory shall be prohibited from obtaining distribution services from any other service provider, except with RMLD’s express written consent, which may be withheld by RMLD in its sole discretion, or upon order of the DPU.
- B. SERVICE APPLICATION. Any person or entity seeking to initiate temporary or permanent service or to change or to restore service shall complete and sign a written application on such forms provided or specified by RMLD. RMLD may require that applications be submitted in person for identification purposes. The Customer shall be responsible for the payment of all applicable fees at the time of application for service. RMLD may request any other information as it deems necessary to secure payment for all charges and to provide efficient and reliable service.

- C. SECURITY DEPOSITS. RMLD may require any Customer, upon application for service or at any time, to furnish a security deposit in the form of cash, check, credit or debit card payment, or irrevocable letter of credit equal to an estimated bill for up to three months' service or such other amount as permitted by applicable law or regulation. The estimate maybe based on the highest month(s) of billing within a twelve-month period or based on the information reasonably available for electric usage for the type of business in which the Customer is engaged. RMLD may adjust the amount of the security deposit as necessary consistent with the Customer's usage history and as otherwise may be necessary to ensure that the full deposit is maintained. The security deposit may be maintained for the full term of service. Interest on security deposits held longer than six months shall be paid to the Customer or credited to the Customer's account in accordance with applicable laws or regulations. Outstanding charges may be deducted from the security deposit upon discontinuation or termination of service. RMLD may waive the security deposit, in its sole discretion, when payment of the charges may be secured through other means. Failure to pay the security deposit or any adjusted amount when due may result in denial or suspension of service.
- D. SERVICE CONTINGENT UPON CERTAIN RIGHTS. The supply of service is contingent upon RMLD's ability to secure and retain the necessary location(s), rights-of-way or other property rights for its poles, wires, conduit, cable, and other equipment or apparatus. The Customer, at its sole expense, shall provide or secure any necessary permits, licenses, certificates, easements or rights-of-way on private property as may be required by RMLD to enable RMLD to install and furnish the service for which application is made. RMLD, without liability, may suspend or terminate service if the Customer fails to furnish or maintain any such permits, licenses, certificates, easements or right-of-way grants required by RMLD for such service.
- E. REFUSAL TO SERVE. RMLD reserves the right to refuse to supply service to new Customers or to supply additional load or to upgrade service to any existing Customer if it is unable to obtain the necessary equipment and facilities or capital required for the purpose of furnishing such service, or the difficulty of access thereto is such that it causes an undue hardship on RMLD, financial or otherwise. RMLD also may refuse to supply service to loads of unusual characteristics that could negatively affect the cost, quality or reliability of service supplied to RMLD's other Customers. As a condition to providing or continuing service, RMLD may require any Customer having such unusual loads to install special regulating and protective equipment, as determined by RMLD, at the Customer's sole expense.

- F. REJECTION FOR UNPAID BALANCE. RMLD reserves the right to reject any applications made by or on behalf of any Customer whose bills for service remain unpaid at the time of the application. In RMLD's discretion, RMLD may require either the execution of a Cromwell Waiver to add the outstanding balance to the new account or the payment of all outstanding bills in advance of supplying service.

III. INSTALLATION OF NEW SERVICE AND SERVICE CONNECTIONS

- A. CUSTOMER'S WIRING. Except for the meter, the Customer is responsible for the installation of all equipment and wiring on the Customer's premises beyond the point of connection, as specified by RMLD. The Customer's wiring and electrical equipment shall comply with applicable bylaws, state and local codes or requirements, the National Electric Safety Code, and RMLD's specifications and policies as may be established or amended from time to time. The Customer shall obtain written approval of the Town Wiring Inspector prior to the connection of new service. RMLD may refuse to provide service until the Customer's wiring has been approved for energization or if RMLD determines that the Customer's installation does not comply with applicable requirements.
- B. EXTENSION OF DISTRIBUTION SERVICE. The extension of new service, whether to undeveloped areas or existing service locations, shall be subject to RMLD's requirements and specifications and at the Customer's expense. RMLD may require the execution of a separate construction agreement to address major or unusual new service installations, as determined by RMLD. When system-wide improvements are required, as determined by RMLD, to provide reliable service to the Customer due to the size of the load or the characteristics of service, the Customer may be required to pay all or a portion of the cost of such system-wide improvements. The Customer also may be required to pay all or a portion of the costs of the relocation of RMLD's existing facilities when required to provide new or upgraded service or when roadways are reconfigured to accommodate new service. Such charges will be based on RMLD's actual costs for labor and materials, including engineering and design.
- C. CUSTOMER-SPECIFIC ENGINEERING REQUIREMENTS AND SPECIFICATIONS. RMLD reserves the right to impose any Customer-specific engineering requirements or specifications, as RMLD, in its discretion, deems necessary for the protection of its distribution system and for the provision of safe and reliable service to the Customer and to RMLD's other Customers. The Customer is responsible for ascertaining whether any special engineering requirements or specifications will apply.

- D. EQUIPMENT. RMLD may require the installation of any equipment that it deems necessary for the reliable and efficient provision of service and the protection of its facilities, including remote disconnect and current limiting devices.
- E. CUSTOMER INSTALLATIONS. When RMLD requires the Customer to install equipment and facilities for the extension, upgrade, repair, relocation or conversion of electric service, including temporary service, a Utility Authorization Number (UAN) shall be obtained from RMLD prior to the commencement of the work. All installations and work shall be performed in a workmanlike manner in accordance with applicable codes and prevailing industry standards, and shall be subject to RMLD's inspection and written approval. All equipment shall be installed at a location designated or authorized by RMLD. Service shall not be connected or reconnected to RMLD's facilities until written approval is obtained from RMLD and applicable local authorities. RMLD may suspend or disconnect service if the Customer's installation subsequently fails to satisfy applicable codes, standards or RMLD's requirements or specifications.
- F. OWNERSHIP OF EQUIPMENT AND FACILITIES. All equipment and facilities up to the point of connection, whether installed by the Customer or RMLD, shall be owned by RMLD. All meters shall be owned by RMLD. Unless otherwise provided herein or pursuant to a written agreement with the Customer, all equipment furnished by RMLD shall remain its property.
- G. REPLACEMENTS, REPAIRS, AND UPGRADES OF CUSTOMER EQUIPMENT AND FACILITIES. The Customer shall be responsible, at its expense, for maintaining its equipment and facilities in good condition, in compliance with applicable codes, and in accordance with RMLD's requirements and specifications. All new equipment and facilities shall conform to RMLD's requirements and specifications. RMLD may suspend or disconnect service if Customer fails to comply with this provision.
- H. TEMPORARY SERVICE. Temporary service will be provided to the Customer in accordance with RMLD's specifications and requirements and at the Customer's expense. The Customer shall pay a flat rate as provided in RMLD's prevailing rate schedules for temporary, single phase 120/240 Volt, 100 AMP, three-wire connections for building construction or reconstruction projects, or when permanent electric service will not result. The Customer shall pay the actual costs, as estimated by RMLD, for all other temporary service. All charges shall be paid in advance. Any temporary relocation of service drop conductors by RMLD to accommodate building reconstruction that will not be immediately

connected to a new service entrance shall be subject to charges as a temporary service.

When temporary service is provided for the construction of new buildings and electric service is expected to be furnished to the location on a permanent basis, RMLD may reuse any equipment or material in the temporary service installation for the permanent connection. The temporary service extension charge will not include the costs of any material and associated labor that will be used in the permanent connection.

IV. **ADDITIONAL SERVICE REQUIREMENTS AND LIMITATIONS**

- A. LOAD CHARACTERISTICS. RMLD will determine the character of service to be made available at each location. As provided in Article II, Section E, RMLD may refuse to supply service or may suspend or discontinue service to loads of unusual characteristics that could adversely affect RMLD's equipment and facilities, the quality of service supplied to other Customers, the public safety, or the safety of RMLD personnel, or require the installation of regulating equipment, as determined by RMLD in its sole discretion. The Customer shall notify RMLD in writing, on a form approved by the RMLD, before any change or addition is made in the load characteristics of the Customer's equipment. A minimum of 90 days' advanced written notice is required for load additions or changes that would result in a 25% increase above original load projections. The Customer shall be liable for any damage caused by any such changes or additions made without RMLD's written approval, including any damage to RMLD's meters, transformers, lines, or other equipment. RMLD reserves the right to install load-limiting devices to enable the disconnection of service if the rated capacity of RMLD's service is exceeded.
- B. TYPE OF SERVICE. The type and/or size of service requested by a Customer may not be available at the location where such service is desired. Non-standard service only may be made available upon the express written approval of the General Manager of RMLD, as determined in RMLD's sole discretion, and at the sole expense of the Customer.
- C. COMPLIANCE WITH RATE AVAILABILITY. To the extent applicable, the use of service shall not be for any purposes other than those covered by the availability provision of the particular rate under which service is supplied.
- D. SUITABILITY OF EQUIPMENT AND APPARATUS. The Customer's wiring, equipment and apparatus shall be suitable for compatible operation with the service supplied by RMLD and shall, at all times, conform to the requirements of any legally constituted authorities and to those of RMLD, and the Customer shall

keep such wiring, apparatus, and equipment in proper repair. The Customer shall not use the supplied service for any purpose or with any apparatus that would cause any disturbances or which may impair or render unsafe the service supplied by RMLD to its other Customers. RMLD shall not be responsible for the maintenance or installation of the equipment and property on the Customer's side of the delivery point, nor shall RMLD have any duty to investigate the same. However, RMLD reserves the right, but not the obligation, to disconnect its service, if to its knowledge and in its judgment, the Customer's installation has become or is dangerous, defective, or in violation of applicable safety codes or RMLD's requirements or specifications. The Customer shall be liable for any damage resulting to RMLD's apparatus or facilities or to its other Customers caused by the Customer's failure to comply with any provision of these Terms & Conditions.

- E. COMPLIANCE WITH LAWS. The Customer shall comply with all applicable by-laws, codes, requirements, certificates, permits and approvals of federal, state or municipal bodies or authorities with respect to the installation and maintenance of its equipment and facilities and shall be required to furnish satisfactory evidence of such compliance upon request. RMLD shall not be required to supply or continue service unless all applicable permits and approvals have been obtained or compliance with applicable codes has been established.
- F. RESALES PROHIBITED. Service supplied by RMLD shall be for the exclusive use of the Customer for the purpose and class of service specified, and such service shall not be resold.

V. INSTALLATION, ACCESS AND PROTECTION OF RMLD'S EQUIPMENT AND METERS

- A. INSTALLATION AND MAINTENANCE OF METER. Unless otherwise specified herein or in an applicable rate schedule, at its expense, RMLD will furnish and install, at locations it designates, one or more meters for the purpose of measuring electricity supplied. All meters shall be installed on meter sockets or troughs provided and wired by the Customer, at its expense. All meters installed by RMLD shall remain the property of RMLD, regardless of whether such meter is repaired or replaced by RMLD at the Customer's expense as provided herein. RMLD shall maintain and test the meters in accordance with applicable laws or regulations.
- B. CHANGES TO METERS DUE TO UNAUTHORIZED USE. Whenever RMLD determines that an unauthorized use of electricity is being made at the service location, RMLD may make any changes to its meters, appliances or other equipment on the Customer's premises or take any other corrective action as may be appropriate under the circumstances to ensure the safety and security of the

equipment and its installation. Any such changes shall be made at the Customer's sole expense.

- C. SPACE AND HOUSING. The Customer shall furnish and maintain, at no cost to RMLD, the necessary space, housing, fencing, barriers, and foundations for the protection of equipment to be installed upon the Customer's premises, whether such equipment is furnished by the Customer or RMLD. If the Customer refuses or fails to do so, RMLD, at its option, may charge the Customer the costs for furnishing and maintaining the necessary facilities or devices for the protection of its equipment. Such space, housing, fencing, barriers and foundations shall be in conformity with applicable laws and regulations and subject to RMLD's specifications and approval.
- D. ACCESS TO RMLD'S EQUIPMENT AND METERS. At all times, the meter and all other RMLD equipment installed on the Customer's premises for the purposes of supplying service, shall be readily accessible to RMLD at all reasonable times for reading, inspection, repairs, replacements, and testing. Access to RMLD's meters and equipment shall be free from all obstructions, including shrubbery, fencing, and other obstructions. RMLD may refuse to supply or may suspend service if access cannot be readily or safely obtained, as determined by RMLD in its sole discretion.
- E. GRANT OF RIGHTS. The Customer hereby gives RMLD permission to access the Customer's premises at all reasonable times for the purposes of installing, inspecting, testing, reading, maintaining, repairing, replacing or removing RMLD's meters, equipment or appliances. If access is refused or is otherwise not provided, RMLD may take such corrective action as it deems necessary, including suspending service until access is obtained. The Customer shall be responsible for all costs incurred by RMLD to obtain such access. The Customer shall pay all such charges in full before service will be restored or any new service will be supplied. RMLD shall not be liable for any damage caused in obtaining lawful access to the premises.
- F. INTERFERENCE AND TAMPERING PROHIBITED. No person, unless expressly authorized by RMLD in writing, shall disconnect, remove, inspect or otherwise alter any meter or other equipment or facilities owned by RMLD. Neither Customer, nor anyone acting on the Customer's behalf, shall break any seals or change any settings to RMLD's meters or equipment. Upon request, RMLD will temporarily relocate meters to accommodate construction projects at the service location. Charges may apply. The Customer shall be responsible for the safekeeping of RMLD's meters and equipment, which includes taking all reasonable precautions to prevent damage or interference therewith. RMLD may impose any additional reasonable conditions as it deems necessary for the protection of its equipment and facilities. The Customer shall be responsible for all costs associated with any damage or interference with RMLD's meters and/or equipment, including the cost of repairs or replacements as determined by RMLD

in its sole discretion. RMLD reserves the right to suspend or discontinue service until full restitution is made and to take other reasonable measures to ensure the safety and protection of its property. In addition, any person found tampering with such RMLD equipment or meters may be subject to a fine or imprisonment, or both, as provided by G.L. c. 164, Section 126 or other applicable law.

- G. MULTIPLE DWELLING UNITS AND BUILDINGS. Separate dwelling units, whether within the same building or in separate buildings on the same premises, shall be considered to be separate Customers and shall be metered individually wherever practicable. If a single family residence is subsequently converted to multiple dwelling units, or if for some other reason it is impractical, in the judgment of RMLD, to separately meter individual dwelling units, electric service may be supplied through a single meter under the applicable residential or general service rate. RMLD shall have the option, but shall not be required to install separate service for any garage, barn, or other out-building if such service may be supplied from the main premises. Landlord customers shall comply with the requirements of the State Sanitary Code. As provided in Section IV.F, in no circumstances shall electricity be resold to the occupants.

VI. ADDITIONAL CUSTOMER RESPONSIBILITIES.

- A. PROTECTION OF CUSTOMER EQUIPMENT AND APPLIANCES. The Customer acknowledges that computers, reproduction, X-ray, data processing equipment, electronics, similar and other devices can be extremely sensitive to abnormal voltage or reversal of service. The Customer is solely responsible for the protection of its equipment and appliances and should consult the equipment manufacturer for suitable devices to protect against these conditions. RMLD shall not be liable for any losses or damage to the Customer's equipment and appliances.
- B. INSTALLATION OF RELAYS. The Customer shall install, at its own expense, a reverse-phase relay of approved type on all alternating-current motors for passenger and freight elevators, hoists and cranes, and a reverse-power or other approved relays for parallel operation. The Customer is responsible for protecting all polyphase equipment from loss of phase conditions (single phasing).
- C. CHANGES IN CUSTOMER'S CONDITIONS OR INSTALLATION. The Customer shall provide advance written notice to RMLD of any proposed change to the purpose or location of the Customer's equipment or service conditions. Such changes shall not be made until approved by RMLD in writing. RMLD may request any information as it deems necessary to evaluate the effect of the proposed change on its system. The Customer shall be liable for any damage to the meters or other apparatus and equipment of RMLD caused by the changed conditions or installation made without RMLD's express prior approval. RMLD may terminate or refuse to provide service to any location if changes in the

Customer's equipment, installation or interconnection fail to meet specifications or requirements prescribed RMLD.

- D. RELOCATION OF FACILITIES. If for any reason, it becomes necessary for RMLD to relocate any of its poles, wires or cables by which the Customer is served, the Customer, at its own expense, shall change the location of its point of delivery to a point readily accessible from the new location, and shall make any change in the wiring system in connection therewith. The Customer also may be responsible for the costs of such relocation if the relocation is necessitated by the Customer's service requirements or development plans.
- E. TREE AND DEBRIS REMOVAL. The Customer shall be responsible, at its expense, for removing and disposing of any trees, shrubs, branches, limbs, or debris that interfere with RMLD's equipment or facilities or the provision of electric service to the Customer or RMLD's other customers. RMLD shall have the right, but not the obligation, to clear the Customer's storm-related debris at the Customer's expense, as it deems necessary to access its facilities.

VII. RATES, CHARGES AND BILLING

- A. RATE. RMLD will determine the rate applicable to each Customer based upon such Customer's usage or class of service. Every Customer is entitled to request service under the lowest rate applicable to the service supplied during each calendar year. RMLD shall not be liable for any claim that service provided to the Customer might have been less expensive or more advantageous to the Customer if supplied under a different rate. Minimum charges may apply to each billing period or portion thereof as provided in the applicable rate schedule.
- B. CHANGES IN RATE. RMLD's rates, rate schedules and tariffs are subject to change pursuant to and in accordance with G. L. c. 164, § 58. Service shall be billed at the new rate as of effective date.
- C. BILLING. Meters typically will be read on a monthly basis. At a minimum, all meters shall be read at least every other month as provided in the DPU billing and termination regulations, except where access to the meter cannot be obtained on the regular reading date. Bills for regular service charges shall be rendered monthly, except when RMLD determines that a different billing period is required or desirable as permitted by applicable law or regulation, such as on a bimonthly basis. Charges for the installation, maintenance, and repairs of equipment and facilities will be billed as applicable. RMLD may require payment in advance for such work.
- D. BUDGET AND PAYMENT PLANS FOR RESIDENTIAL CUSTOMERS. RMLD offers budget and payment plans to qualified residential customers in accordance with 220 CMR 25.02. The establishment and administration of budget and payment plans shall be subject to RMLD's prevailing policies and

practices. RMLD may terminate budget and payment plans in accordance with applicable regulations and to the extent permitted, if the Customer discontinues automatic withdrawal payments when required, fails to maintain sufficient funds for full payment when due or otherwise fails to make any payment when due. Customers also may be subject to termination for electric service in accordance with 220 CMR. 25.00.

- E. DUE DATE. All bills shall be due and payable upon receipt. The bill shall be deemed to be received on the date of hand delivery or three days following the date of mailing, as applicable, unless otherwise specified in the applicable rate schedule. If a bill for monthly service is not paid in full within forty-five (45) days of receipt of the original invoice and the amount is not subject to a good faith dispute, the invoice shall be deemed to be past due and service shall be subject to termination in accordance with applicable laws and regulations. The Customer also may be subject to late payment fees. Any applicable discounts will apply only when all charges have been paid in full and only when full payment is received by RMLD by the discount expiration date. All claims for billing adjustments shall be made before the bill becomes past due.
- F. LIABILITY FOR CHARGES. The Customer shall be and shall remain the Customer of record and shall be liable for all charges for service until such time as the Customer requests termination of service and a final meter reading is obtained by RMLD. All requests for termination shall be in writing on such forms required by RMLD. Continuous service will be provided to rental properties during periods of vacancy upon the filing of an application for continuous service pursuant to which the property owner or management company agrees to pay for the charges until a new Customer-of-record is established.
- G. LIABILITY FOR UNMETERED SERVICE AND UNBILLED CHARGES. When the Customer receives service that has not been metered or has not been charged due to a billing error or otherwise, RMLD may issue a make-up bill for the unbilled charges. The charges will be based on the actual use (if available) or estimated use (if actual meter readings are not available), at the applicable rate(s) for service during the period of unmetered or unbilled use.
- H. ADDITIONAL FEES AND CHARGES. Additional fees and charges may apply based on RMLD's then-current fees and charges.

VIII. SUSPENSION OR TERMINATION OF SERVICE

- A. SUSPENSION OF SERVICE FOR REPAIRS AND EMERGENCIES. RMLD reserves the right to suspend service at any time for the purposes of making repairs, replacements or changes to RMLD's equipment or facilities, whether on or off the Customer's premises. RMLD also may suspend service at any time, in its judgment, to protect the safety of its workers or the public or its property, or

otherwise when RMLD deems that an emergency exists. However, nothing in this Section shall be deemed to require RMLD to make any such repairs, replacements or changes, at times other than RMLD's normal business hours. The Customer typically will be notified in advance to the extent practicable except in cases of emergency.

- B. NON-COMPLIANCE. RMLD shall have the right to suspend or discontinue service when the Customer fails to comply with or fails to perform any of the requirements or obligations of these Terms and Conditions or any applicable rate schedule or service agreement with RMLD, including non-payment of charges when due, or if the equipment and apparatus of the Customer interferes with RMLD's system or service to RMLD's other Customers.
- C. REASONS OF SAFETY OR FRAUD. RMLD may suspend or discontinue service without prior notice in the following situations:
 - 1. Where the Customer's wiring or equipment is found to be in a dangerous or unsafe condition or for other reasons affecting the health or safety of the public or RMLD's workers; and/or
 - 2. If necessary to protect RMLD from fraud or theft.
- D. CAUSES BEYOND RMLD'S CONTROL. RMLD may discontinue or suspend service and remove any RMLD equipment which, in the opinion of RMLD, may have become unsuitable by reason of deterioration, civil commotion, vandalism, state of war, explosions, fire, storm, flood, lightning, or any other causes beyond RMLD's reasonable control.
- E. AS PERMITTED BY DPU REGULATIONS. RMLD may discontinue service in accordance with or as permitted by the DPU's billing and termination regulations, 220 C.M.R. 25.00, *et seq.*
- F. REMOVAL OF APPLIANCES. RMLD may remove its equipment, wiring and appliances upon termination or discontinuance of service. Such appliances, wiring and/or equipment shall not be restored except upon the filing and acceptance of a new application for service and payment of all outstanding charges and the costs of removal and restoration of service.

IX. LIMITATIONS ON LIABILITY AND DAMAGES AND EXCLUSIONS

- A. SERVICE QUALITY AND INTERRUPTIONS. While RMLD endeavors to furnish adequate and reliable service, RMLD does not guarantee continuous service or warrant that service will be free from interruptions or defects and disclaims any and all loss or liability resulting from its failure to provide service or its inability to maintain uninterrupted and continuous service to the extent allowed by law. RMLD shall not be responsible for any variation or diminution in service, abnormal voltage, or reversal of its service. To the extent such liability

may not be disclaimed by law, RMLD shall not be liable for such condition except to the extent that such condition is caused solely by RMLD's gross negligence or willful misconduct. In no event shall RMLD be liable for any indirect, incidental or consequential losses or damages of any kind resulting therefrom. RMLD shall have no duty to regulate voltage and/or frequency beyond that required by the American National Standard for Electric Power Systems and Equipment, ANSI C84.1, and if the Customer requires regulation of voltage and/or frequency that is more refined, the Customer shall furnish, install, maintain and operate the necessary apparatus at his own expense.

The Customer acknowledges that when a part or parts of the interconnected generation, transmission or distribution systems may be threatened by a condition which may affect the integrity of the supply of electric service, or when a condition of actual or threatened shortage of available energy supplies and resources shall exist, RMLD may, in its sole judgment, curtail, allocate, or interrupt such service to the Customer. If Customers fail to comply with any such allocations or restrictions, RMLD may take such remedial actions as it deems appropriate under the circumstances including but not limited to, suspension of electric service and/or imposing a surcharge for the Customer's excess use of electricity.

- B. USE OF ELECTRICITY OR PRESENCE OF APPLIANCES. RMLD shall not be liable for injuries or damage to the person or property of the Customer or any other persons resulting from the use of electricity or the presence of RMLD's appliances and equipment on the Customer's premises. Neither by inspection nor non-rejection does RMLD in any way give any warranty, express or implied, as to the adequacy, safety or other characteristics of any equipment, wiring or devices, installed on the Customer's premises. RMLD shall not be liable for injuries or damages resulting in any way from the supplying or use of electricity or from the presence or operation of RMLD's service, conductors, appurtenances or other equipment on the Customer's premises.
- C. OTHER EVENTS. Notwithstanding the foregoing limitations, RMLD disclaims any and all liability for losses or damages due to any other causes beyond its immediate control, whether fire, explosion, flood, weather conditions, accidents, labor difficulties, conditions of fuel supply, the attitude of any public authority, reduction in voltage, rotational utilization of distribution feeders, scheduled black-outs, failure to receive electricity for which in any manner it has contracted, or due to the operation in accordance with good utility practice of an emergency load reduction program by RMLD or one with whom it has contracted for the supply of electricity.

NEPPA ANNUAL CONFERENCE



**Northeast
Public Power
Association**

Established 1965

200 New Estate Road
Littleton, MA 01460
Tel: 978.540.2200

(/)



NEPPA's Annual Conference

NEPPA's premiere event includes two and a half days of speakers, roundtables, and networking opportunities. It features social activities where participants can speak with other utility officials, service providers, and experts in the industry - all in a relaxing atmosphere conducive to casual conversation.

The 2016 Annual Conference will be held at the Crowne Plaza Resort & Golf Club, Lake Placid, NY on August 21-24, 2016.

Room block is now open!

CALL-IN RESERVATIONS:

Please call 518-523-2556 [☎](tel:518-523-2556) or 1-800-874-1980 [☎](tel:1-800-874-1980). To receive the group rate, mention that you are attending the NEPPA - Northeast Public Power Association event.

ONLINE RESERVATIONS:

<https://resweb.passkey.com/go/NEPPA2016>
(<https://resweb.passkey.com/go/NEPPA2016>)

If you are interested in a room option that is not listed on the website please give a call directly to the hotel, 1-800-874-1980 [☎](tel:1-800-874-1980), and they would be happy to assist you!

The 2015 Annual Conference was held at Omni Mount Washington Resort, NH, on August 23 - 26 2015.

POWER SUPPLY REPORT
ATTACHMENT 3

**FY 2017 - Proposed Base Rate Increase
Comparative Rates Present/Proposed**

Residential

	500 kWh	750 kWh	1000 kWh
Present	\$72.49	\$106.99	\$141.48
Proposed	\$77.30	\$114.02	\$150.75
Difference	\$4.81	\$7.03	\$9.27
% Change	6.64%	6.57%	6.55%
Cost per kWh Present	\$0.14498	\$0.14265	\$0.14148
Cost per kWh Proposed	\$0.15460	\$0.15203	\$0.15075

Residential Hot Water

	1000 kWh	1500 kWh	2000 kWh
Present	\$130.86	\$194.55	\$258.22
Proposed	\$139.06	\$206.67	\$274.27
Difference	\$8.20	\$12.12	\$16.05
% Change	6.27%	6.23%	6.22%
Cost per kWh Present	\$0.13086	\$0.12970	\$0.12911
Cost per kWh Proposed	\$0.13906	\$0.13778	\$0.13714

Residential Time of Use

	1000 kWh	1500 kWh	2000 kWh
Present	\$128.10	\$189.41	\$250.69
Proposed	\$136.03	\$201.02	\$265.99
Difference	\$7.93	\$11.61	\$15.30
% Change	6.19%	6.13%	6.10%
Cost per kWh Present	\$0.12810	\$0.12627	\$0.12535
Cost per kWh Proposed	\$0.13603	\$0.13401	\$0.13300

Residential Low Income

	500 kWh	750 kWh	1000 kWh
Present	\$66.93	\$100.39	\$133.85
Proposed	\$71.18	\$106.76	\$142.35
Difference	\$4.25	\$6.37	\$8.50
% Change	6.35%	6.35%	6.35%
Cost per kWh Present	\$0.13386	\$0.13385	\$0.13385
Cost per kWh Proposed	\$0.14236	\$0.14235	\$0.14235

Residential Hot Water Low Income

	1000 kWh	1500 kWh	2000 kWh
Present	\$127.36	\$191.05	\$254.73
Proposed	\$135.22	\$202.83	\$270.42
Difference	\$7.86	\$11.78	\$15.69
% Change	6.17%	6.17%	6.16%
Cost per kWh Present	\$0.12736	\$0.12737	\$0.12737
Cost per kWh Proposed	\$0.13522	\$0.13522	\$0.13521

Residential Time of Use Low Income

	1000 kWh	1500 kWh	2000 kWh
Present	\$122.58	\$183.88	\$245.17
Proposed	\$129.96	\$194.94	\$259.91
Difference	\$7.38	\$11.06	\$14.74
% Change	6.02%	6.01%	6.01%
Cost per kWh Present	\$0.12258	\$0.12259	\$0.12259
Cost per kWh Proposed	\$0.12996	\$0.12996	\$0.12996

Commercial

	Small	Medium	Large
Present	\$2,057.52	\$10,745.32	\$47,713.75
Proposed	\$2,175.00	\$11,374.96	\$50,385.63
Difference	\$117.48	\$629.64	\$2,671.88
% Change	5.71%	5.86%	5.60%
Cost per kWh Present	\$0.13608	\$0.14102	\$0.13269
Cost per kWh Proposed	\$0.14385	\$0.14928	\$0.14012

Industrial Time of Use

	Small	Medium	Large
Present	\$28,812.65	\$57,583.75	\$778,541.95
Proposed	\$30,468.68	\$60,735.90	\$819,355.33
Difference	\$1,656.03	\$3,152.15	\$40,813.38
% Change	5.75%	5.47%	5.24%
Cost per kWh Present	\$0.10834	\$0.11761	\$0.10508
Cost per kWh Proposed	\$0.11406	\$0.12405	\$0.11059

School Rate

	Small	Medium	Large
Present	\$3,938.81	\$11,630.77	\$24,843.82
Proposed	\$4,137.59	\$12,178.14	\$26,009.41
Difference	\$198.78	\$547.37	\$1,165.59
% Change	5.05%	4.71%	4.69%
Cost per kWh Present	\$0.12822	\$0.12055	\$0.12025
Cost per kWh Proposed	\$0.13469	\$0.12623	\$0.12589

Street Lights

	Reading	Lynnfield	North Reading	Wilmington
Present	\$9,084.85	\$3,453.63	\$4,639.77	\$9,284.82
Proposed	\$9,691.16	\$3,684.94	\$4,948.51	\$9,902.78
Difference	\$606.31	\$231.31	\$308.74	\$617.96
% Change	6.67%	6.70%	6.65%	6.66%
Cost per kWh Present	\$0.12699	\$0.12772	\$0.12583	\$0.12594
Cost per kWh Proposed	\$0.13547	\$0.13627	\$0.13420	\$0.13433

Co-Op Resale

	500 kWh
Present	\$71.49
Proposed	\$75.89
Difference	\$4.40
% Change	6.15%
Cost per kWh Present	\$0.14298
Cost per kWh Proposed	\$0.15178

Note: Proposed Rate Structure to Take Effect July 1, 2016. All Rate Classes Include the Fifteen Percent Prompt Payment Discount except Street Lights

Residential Schedule A Rate

Designation:

Residential A Rate

Available in:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

Individual residential customers for all domestic uses where service is taken through one meter. Incidental commercial use, not exceeding 20% of the total energy used on the same premises is permitted.

Character of service:

A.C. 60 cycles: single phase.

Customer Charge:

\$4.51 per month

Distribution Energy Charge:

\$.05905 per Kilowatt-hour for all Kilowatt-hours usage

Budget Billing:

The customers under this rate will have available to them a budget billing program under which the customer is required to pay a levelized amount to the Department each billing period during the calendar year. The specifics of this program are outlined in the Department's General Terms and Conditions.

Low Income Discount

The Customer Charge under this rate will be waived upon verification of a low-income customer's receipt of any means-tested public benefit, or verification of eligibility for the low-income home energy assistance program, or its successor program, for which eligibility does not exceed 200 percent of the federal poverty level based on a household's gross income. In a program year in which maximum eligibility for LIHEAP exceeds 200 percent of the federal poverty level, a household that is income eligible under LIHEAP shall be eligible for the low-income electric discount. It is the responsibility of the customer to annually certify, by forms provided by the utility, the continued compliance with the foregoing qualifications.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

Residential Schedule A Rate (cont'd)

Farm Discount:

Customers who meet the eligibility requirements set forth by the Massachusetts Department of Food and Agriculture for being engaged in the business of agriculture or farming, and upon certification to the RMLD by the Massachusetts Department of Food and Agriculture, will be eligible for an additional 10% discount, prior to the RMLD prompt payment discount, on rates and charges applicable on their monthly billing statement.

Energy Conservation Charge:

The bill for service hereunder may be increased or decreased as provided by the Energy Conservation Charge.

Fuel Adjustment:

The bill for service hereunder may be increased or decreased as provided by the Standard Fuel Adjustment Clause.

Purchase Power Capacity and Transmission Charge:

The bill for service hereunder may be increased or decreased as provided by the Purchase Power Capacity and Transmission Charge.

Meter Reading and Billing:

Bills under this schedule will be rendered monthly. A prompt payment discount of 15% will be allowed on the Customer Charge and Distribution Energy Charge, only if the entire bill is paid-in-full by the discount due date.

General Terms and Conditions:

Service hereunder is subject to the General Terms and Conditions which are incorporated herein and are a part of this rate schedule.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

**Residential Schedule RW
Controlled Water Heater Rate**

Designation:

Residential RW Rate

Available in:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

Individual residential customers for all domestic uses where service is taken through one meter. Incidental commercial use, not exceeding 20% of the total energy used on the same premises is permitted.

Character of service:

A.C. 60 cycles: single phase.

Terms of Use:

When a customer regularly uses an electric water heater of a type approved by the Department, service to the water heater will be controlled by a Department owned timing device. Customer also needs a customer owned internet connection. Internal wiring will be the responsibility of the customer. Water heater with two elements shall be interlocked to prevent simultaneous operation.

Customer Charge:

\$4.52 per month.

Distribution Energy Charge:

\$.04529 per Kilowatt-hour for all Kilowatt-hours usage

Budget Billing:

The customers under this rate will have available to them a budget billing program under which the customer is required to pay a levelized amount to the Department each billing period during the calendar year. The specifics of this program are outlined in the Department's General Terms and Conditions.

Low Income Discount

The Customer Charge under this rate will be waived upon verification of a low-income customer's receipt of any means-tested public benefit, or verification of eligibility for the low-income home energy assistance program, or its successor program, for which eligibility does not exceed 200 percent of the federal poverty level based on a household's gross income. In a program year in which maximum eligibility for LIHEAP exceeds 200 percent of the federal poverty level, a household that is income eligible under LIHEAP shall be eligible for the low-income electric discount. It is the responsibility of the customer to annually certify, by forms provided by the utility, the continued compliance with the foregoing qualifications.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

**Residential Schedule RW
Controlled Water Heater Rate (cont'd)**

Farm Discount:

Customers who meet the eligibility requirements set forth by the Massachusetts Department of Food and Agriculture for being engaged in the business of agriculture or farming, and upon certification to the RMLD by the Massachusetts Department of Food and Agriculture, will be eligible for an additional 10% discount, prior to the RMLD prompt payment discount, on rates and charges applicable on their monthly billing statement.

Energy Conservation Charge:

The bill for service hereunder may be increased or decreased as provided by the Energy Conservation Charge.

Fuel Adjustment:

The bill for service hereunder may be increased or decreased as provided by the Standard Fuel Adjustment Clause.

Purchase Power Capacity and Transmission Charge:

The bill for service hereunder may be increased or decreased as provided by the Purchase Power Capacity and Transmission Charge

Meter Reading and Billing:

Bills under this schedule will be rendered monthly. A prompt payment discount of 15% will be allowed on the Customer Charge and Distribution Energy Charge, only if the entire bill is paid-in-full by the discount due date.

General Terms and Conditions:

Service hereunder is subject to the General Terms and Conditions which are incorporated herein and are a part of this rate schedule.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

Residential Time-of-Use Schedule A2 Rate

Designation:

Residential Time-of-Use A2 Rate

Available in:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

Individual residential customers for all domestic uses where service is taken through one On-Peak and Off-Peak meter. Incidental commercial use, not exceeding 20% of the total energy used on the same premises is permitted.

Character of service:

A.C. 60 cycles: single phase.

Customer Charge:

\$7.15 per month.

Distribution Energy Charge:

\$.08798 per Kilowatt-hour for all Kilowatt-hours usage during the On-Peak hours.

\$.01815 per Kilowatt-hour for all Kilowatt-hours usage during the Off-peak hours.

Definition of Periods:

The On-Peak period is defined as the hours between 12:00 Noon and 7:00 P.M. Monday through Friday except holidays as listed under the "Granted Holidays" paragraph listed below. The Off-Peak period is defined as the hours between 7:00 P.M. and 12:00 Noon Monday through Friday and all hours Saturday, Sunday and granted holidays as listed below.

Controlled Water Heater Allowance:

When a customer regularly uses an electric water heater of a type approved by the Department, 333 kWh will be credited to usage during the Off-Peak period and will be billed at \$.00300 per kWh. All kWh used Off-Peak above 333 kWh will be charged at the regular Off-Peak rate. If less than 333 kWh are used Off-Peak then only that amount of kWh will be billed at \$.00300 per kWh. Water heater with two elements shall be interlocked to prevent simultaneous operation. Service to the water heater will be controlled by a Department owned time switch in an approved outdoor socket.

Term:

A customer electing to be billed under this rate must remain on this rate for a minimum of one year. At the end of one year on this rate a customer may elect to remain on this rate or be billed under the Residential A Rate.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

Residential Time-of-Use Schedule A2 Rate (cont'd)

Budget Billing:

The customers under this rate will have available to them a budget billing program under which the customer is required to pay a levelized amount to the Department each billing period during the calendar year. The specifics of this program are outlined in the Department's General Terms and Conditions.

Low Income Discount

The Customer Charge under this rate will be waived upon verification of a low-income customer's receipt of any means-tested public benefit, or verification of eligibility for the low-income home energy assistance program, or its successor program, for which eligibility does not exceed 200 percent of the federal poverty level based on a household's gross income. In a program year in which maximum eligibility for LIHEAP exceeds 200 percent of the federal poverty level, a household that is income eligible under LIHEAP shall be eligible for the low-income electric discount. It is the responsibility of the customer to annually certify, by forms provided by the utility, the continued compliance with the foregoing qualifications.

Farm Discount:

Customers who meet the eligibility requirements set forth by the Massachusetts Department of Food and Agriculture for being engaged in the business of agriculture or farming, and upon certification to the RMLD by the Massachusetts Department of Food and Agriculture, will be eligible for an additional ten percent discount, prior to the RMLD prompt payment discount, on rates and charges applicable on their monthly billing statement.

Energy Conservation Charge:

The bill for service hereunder may be increased or decreased as provided by the Energy Conservation Charge.

Fuel Adjustment:

The bill for service hereunder may be increased or decreased as provided by the Standard Fuel Adjustment Clause.

Purchase Power Capacity and Transmission Charge:

The bill for service hereunder may be increased or decreased as provided by the Purchase Power Capacity and Transmission Charge.

Meter Reading and Billing:

Bills under this schedule will be rendered monthly. A prompt payment discount of 15% will be allowed on the Customer Charge, Distribution Demand Charge and Distribution Energy Charge, only if the entire bill is paid-in-full by the discount due date.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

**Town of Reading, Massachusetts
Municipal Light Department**

**MDPU # 261 supersedes
and cancels MDPU # 252**

Residential Time-of-Use Schedule A2 Rate (cont'd)

Granted Holidays

Under the Residential Time-of-Use Schedule A2 Rate the holidays granted for Off-Peak are: New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Columbus Day, Veteran's Day and Christmas Day.

General Terms and Conditions:

Service hereunder is subject to the General Terms and Conditions which are incorporated herein and are a part of this rate schedule.

**Rate Filed: June 1, 2016
Effective: On Billings on or After July 1, 2016
Filed By: Coleen M. O'Brien, General Manager**

Commercial Schedule C Rate

Designation:

Commercial C Rate

Available in:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

Service under this rate is available to industrial or commercial customers who take all their requirements under this rate. All electricity furnished under this rate will be metered through one service unless it is convenient for the Department to do otherwise.

Character of service:

AC 60 cycles: single phase or three phase.

Customer Charge:

\$7.76 per month.

Distribution Demand Charge:

\$8.12 per Kilowatt for all demand usage.

Distribution Energy Charge:

\$.01723 per Kilowatt-hour for all Kilowatt-hours usage.

Budget Billing:

The customers under the C Rate may elect the Budget Billing program under which the customer is required to pay the levelized amount to the Department each billing period during the calendar year. This rate is not available to C Rate Customers electing the Contract Demand Rate, or the Non-Firm Demand Rate. The specifics of this program are outlined in the Department's General Terms and Conditions.

Energy Conservation Charge:

The bill for service hereunder may be increased or decreased as provided by the Energy Conservation Charge.

Fuel Adjustment:

The bill for service hereunder may be increased or decreased as provided by the Standard Fuel Adjustment Clause.

Purchase Power Capacity and Transmission Charge:

The bill for service hereunder may be increased or decreased as provided by the Purchase Power Capacity and Transmission Charge.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

Commercial Schedule C Rate (cont'd)

Measurement of Billing Demand:

The billing demand shall be the highest of the fifteen minute kilowatt demand established during the billing period, but not less than eighty percent of the maximum demand established during the preceding summer season or sixty percent of the maximum demand established during the winter season.

Definitions of Seasons:

The summer season is defined as the months of June through September and the winter season is defined as the months of October through May.

Farm Discount:

Customers who meet the eligibility requirements set forth by the Massachusetts Department of Food and Agriculture for being engaged in the business of agriculture or farming, and upon certification to the RMLD by the Massachusetts Department of Food and Agriculture, will be eligible for an additional ten percent discount, prior to the RMLD prompt payment discount, on rates and charges applicable on their monthly billing statement.

Customer Transformer Ownership:

A customer requiring a minimal transformer capacity of over 2,000 kW will be required to furnish its own transforming and protective equipment, including mat, vault, primary and secondary cables, conduits, etc., which must comply with the specifications of the Department. The following discounts apply when the above is complied with:

\$.12 per kilowatt of demand when the service is taken at 2,400/4,160 volts.

\$.25 per Kilowatt of demand when the service is taken at 13,800 volts.

\$.375 per Kilowatt of demand when the service is taken at 34,500 volts.

Metering:

The Department may, at its option, meter at the customer's utilization voltage or on the high side of the transformers through which the service is furnished.

In the latter case, or if the customer's utilization voltage requires no transformation, a discount of 1.8% will be applied to the bill but in no case will such a discount be allowed if the metering voltage is less than 2,400 volts.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

**Town of Reading, Massachusetts
Municipal Light Department**

**MDPU # 262 supersedes
and cancels MDPU # 253**

Commercial Schedule C Rate (cont'd)

Meter Reading and Billing:

Bills under this schedule will be rendered monthly. A prompt payment discount of 15% will be allowed on the Customer Charge, Distribution Demand Charge and Distribution Energy Charge, only if the entire bill is paid-in-full by the discount due date.

General Terms:

Service hereunder is subject to the General Terms and Conditions which are incorporated herein and are a part of this rate schedule.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

Industrial Time-of-Use Schedule I Rate

Designation:

Industrial Time-of-Use I Rate

Available in:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

Service under this rate is available to industrial or commercial customers who take all their requirements under this rate. All electricity furnished under this rate will be metered using an electronic meter capable of metering On-Peak and Off-Peak energy as well as kW demand.

Character of service:

A.C. 60 cycles: single phase or three phase.

Customer Charge:

\$35.77 per month.

Distribution Demand Charge:

\$8.94 per Kilowatt for all demand usage.

Definition of Periods:

The On-Peak period is defined as the hours between 12:00 Noon and 7:00 P.M., Monday through Friday except holidays as listed below. The Off-Peak period is defined as the hours between 7:00 P.M. and 12:00 Noon, Monday through Friday and all hours Saturday, Sunday and granted holidays as listed below.

Term:

A customer electing to be billed under this rate must remain on this rate for a minimum of one year. At the end of one year on this rate a customer may elect to remain on this rate or be billed under the Commercial C Rate.

Energy Conservation Charge:

The bill for service hereunder may be increased or decreased as provided by the Energy Conservation Charge.

Fuel Adjustment:

The bill for service hereunder may be increased or decreased as provided by the Standard Fuel Adjustment Clause.

Purchase Power Capacity and Transmission Charge:

The bill for service hereunder may be increased or decreased as provided by the Purchase Power Capacity and Transmission Charge.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

Industrial Time-of-Use Schedule I Rate (cont'd)

Measurement of Billing Demand:

The Billing demand shall be the highest of the fifteen minute On Peak kilowatt demand established during the billing period, but not less than eighty percent of the maximum On Peak demand established during the preceding summer season or sixty percent of the maximum On Peak demand established during the winter season.

The summer season is defined as the months of June through September and the winter season is defined as the months of October through May.

Farm Discount:

Customers who meet the eligibility requirements set forth by the Massachusetts Department of Food and Agriculture for being engaged in the business of agriculture or farming, and upon certification to the RMLD by the Massachusetts Department of Food and Agriculture, will be eligible for an additional ten percent discount, prior to the RMLD prompt payment discount, on rates and charges applicable on their monthly billing statement.

Customer Transformer Ownership:

A customer requiring a minimal transformer capacity of over 2000 kW will be required to furnish its own transforming and protective equipment, including mat, vault, primary and secondary cables, conduits, etc., which must comply with the specifications of the Department. The following discounts apply when the above is complied with:

\$.12 per Kilowatt of demand when the service is taken at 2,400/4,160 volts.

\$.25 per Kilowatt of demand when the service is taken at 13,800 volts.

\$.375 per Kilowatt of demand when the service is taken at 34,500 volts.

Metering:

The Department may, at its option, meter at the customer's utilization voltage or on the high side of the transformer through which the service is furnished. In the latter case, or if the customer's utilization voltage requires no transformation, a discount of 1.8% will be applied to the bill but in no case will such discount be allowed if the metering voltage is less than 2,400 voltage

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

Industrial Time-of-Use Schedule I Rate (cont'd)

Meter Reading and Billing:

Bills under this schedule will be rendered monthly. A prompt payment discount of 15% will be allowed on the Customer Charge, Distribution Demand Charge and Distribution Energy Charge, only if the entire bill is paid-in-full by the discount due date.

Granted Holidays

Under the Industrial Time-of-Use Schedule I Rate the holidays granted for Off-Peak are; New Year's Day, President's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Columbus Day, Veteran's Day and Christmas Day.

General Terms and Conditions:

Service hereunder is subject to the General Terms and Conditions which are incorporated herein and are a part of this rate schedule.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

School Schedule SCH Rate

Designation:

School SCH Rate

Available in:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

Applicable to public or private schools offering kindergarten, regular elementary, middle, and high school as approved by the Department, who take all their requirements under this rate. All electricity furnished under this rate will be metered through one service unless it is convenient for the Department to do otherwise.

Character of service:

AC 60 cycles: single phase or three phase.

Customer Charge:

\$7.15 per month.

Distribution Demand Charge:

\$7.48 per Kilowatt for all demand usage.

Distribution Energy Charge:

\$.01180 per Kilowatt-hour for all Kilowatt-hours usage.

Budget Billing:

The customers under the School Rate may elect the Budget Billing program under which the customer is required to pay levelized amount to the Department each billing period during the calendar year.

Energy Conservation Charge:

The bill for service hereunder may be increased or decreased as provided by the Energy Conservation Charge.

Fuel Adjustment:

The bill for service hereunder may be increased or decreased as provided by the Standard Fuel Adjustment Clause.

Purchase Power Capacity and Transmission Charge:

The bill for service hereunder may be increased or decreased as provided by the Purchase Power Capacity and Transmission Charge.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

School Schedule SCH Rate (cont'd)

Measurement of Billing Demand:

The billing demand shall be the highest of the fifteen minute Kilowatt demand established during the billing period, but not less than eighty percent of the maximum demand established during the preceding summer season or sixty percent of the maximum demand established during the winter season.

Definitions of Seasons:

The summer season is defined as the months of June through September and the winter season is defined as the months of October through May.

Customer Transformer Ownership:

A customer requiring a minimal transformer capacity of over 2000 kW will be required to furnish its own transforming and protective equipment, including mat, vault, primary and secondary cables, conduits, etc., which must comply with the specifications of the Department. The following discounts apply when the above is complied with:

\$.12 per kilowatt of demand when the service is taken at 2,400/4,160 volts.

\$.25 per Kilowatt of demand when the service is taken at 13,800 volts.

\$.375 per Kilowatt of demand when the service is taken at 34,500 volts.

Metering:

The Department may, at its option, meter at the customer's utilization voltage or on the high side of the transformers through which the service is furnished.

In the latter case, or if the customer's utilization voltage requires no transformation, a discount of 1.8% will be applied to the bill but in no case will such a discount be allowed if the metering voltage is less than 2,400 volts.

Meter Reading and Billing:

Bills under this schedule will be rendered monthly. A prompt payment discount of 15% will be allowed on the Customer Charge, Distribution Demand Charge and Distribution Energy Charge, only if the entire bill is paid-in-full by the discount due date.

General Terms:

Service hereunder is subject to the General Terms and Conditions which are incorporated herein and are a part of this rate schedule.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

Private Street Lighting Rate Schedule D

Designation:

Street Light D Rate

Available:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

Street and Area Light service on all public, private, and unaccepted streets and areas where the Department has facilities for supplying electricity and where the installation work involved is limited to the necessary lighting unit and connection on the same pole. This Schedule does not apply to Public Street Lighting Service supplied directly to the Municipalities.

Energy Charge:

The rate per year for the standard 4,000-hour schedule is as follows:

<u>Fixture Type</u>	<u>Annual Rate \$</u>	<u>Annual kWh</u>
100 Watt Mercury	57.99	500
175 Watt Mercury	64.46	860
400 Watt Mercury	106.90	1,900
50 Watt HPS	66.78	240
100 Watt HPS	85.23	500
250 Watt HPS	112.54	1,200
400 Watt HPS	156.32	1,900
25 Watt LED - Standard	61.91	100
42 Watt LED – Non - Standard	69.08	168
101 Watt LED – Non - Standard	111.36	404
93 Watt LED Flood - Standard	159.37	372
134 Watt LED Flood – Non - Standard	195.13	536

Note: Mercury lamps will no longer be supplied for new installations.

Fuel Adjustment:

The bill for service hereunder may be increased or decreased as provided by the Standard fuel Adjustment Clause.

The Fuel Adjustment will appear on the bill as the monthly fuel charge multiplied by one twelfth of the Annual kWh shown above for each Fixture Type.

Rate Filed: June 1, 2016, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

Private Street Lighting Rate Schedule D (cont'd)

Purchase Power Capacity and Transmission Charge:

The bill for service hereunder may be increased or decreased as provided by the Purchase Power Capacity and Transmission Charge.

The Purchase Power Capacity and Transmission Charge will appear on the bill as the monthly charge multiplied by one twelfth of the Annual kWh shown above for each Fixture Type.

Extra Pole Cost

When an extra pole is required, specifically for street lighting, there will be an extra cost based upon pole size, including up to 100 feet of secondary.

30 foot or 35 foot Class 4 pole	\$48.40 per year
40 foot Class 4 pole	\$52.80 per year

Meter Reading and Billing:

Bills under this schedule will be rendered monthly. A prompt payment discount of 15% will be allowed on the current bill, excluding Fuel and Purchased Power Capacity and Transmission Charges, only if the entire bill is paid-in-full by the discount due date.

General Terms and Conditions:

Service hereunder is subject to the General Terms and Conditions which are incorporated herein and are a part of this rate schedule.

Rate Filed: June 1, ~~2016~~, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

Municipal LED Street Lighting Rate

Designation:

LED Street Light Rate

Available:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

Public Street Light service using LED fixtures supplied directly to the Municipalities where the Department has private facilities for supplying electricity and where the installation work involved is limited to the necessary lighting unit and connection to the same pole.

Energy Charge:

The rate per year for the standard 4,000-hour schedule is as follows:

<u>Fixture Type</u>	<u>Annual Rate \$</u>	<u>Annual kWh</u>
25 Watt LED – Standard	23.99	100
42 Watt LED – Non-Standard	24.67	168
101 Watt LED – Non - Standard	32.37	404
93 Watt LED Flood - Standard	49.12	372
134 Watt LED Flood – Non - Standard	56.42	536

Fuel Adjustment:

The bill for service hereunder may be increased or decreased as provided by the Standard fuel Adjustment Clause. The Fuel Adjustment will appear on the bill as the monthly fuel charge multiplied by one twelfth of the Annual kWh shown above for each Fixture Type.

Purchase Power Adjustment:

The bill for service hereunder may be increased or decreased as provided by the Purchase Power Adjustment. The Purchase power Adjustment will appear on the bill as the monthly charge multiplied by one twelfth of the Annual kWh shown above for each Fixture Type.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

**Town of Reading, Massachusetts
Municipal Light Department**

**MDPU # 266 supersedes
and cancels MDPU #257**

Municipal LED Street Lighting Rate (cont'd)

Extra Pole Cost

When an extra pole is required, specifically for street lighting, there will be an extra cost based upon pole size, including up to 100 feet of secondary.

30 foot or 35 foot Class 4 pole	\$48.40 per year
40 foot Class 4 pole	\$52.80 per year

Meter Reading and Billing:

Bills under this schedule will be rendered monthly. A prompt payment discount of 10% will be allowed on the current bill, excluding fuel adjustment charges, only if the entire bill is paid-in-full by the discount due date.

General Terms and Conditions:

Service hereunder is subject to the General Terms and Conditions which are incorporated herein and are a part of this rate schedule.

**Rate Filed: June 1, 2016
Effective: On Billings on or After July 1, 2016
Filed By: Coleen M. O'Brien, General Manager**

Cooperative Resale Schedule G Rate

Designation:

Cooperative G Rate

Available in:

Available to municipal lighting plants and private companies whose service territory is adjacent to the service territory of the Department and for distribution to such customers that cannot be served from the existing distribution lines, provided that the Department has available facilities for furnishing the service

Character of Service:

A.C. 60 cycles: single phase.

Customer Charge:

\$4.16 per month.

Distribution Energy Charge:

\$.04929 per Kilowatt-hour for all Kilowatt-hours usage.

Fuel Adjustment:

The bill for service hereunder may be increased or decreased as provided by the Standard Fuel Adjustment Clause.

Purchase Power Capacity and Transmission Charge:

The bill for service hereunder may be increased or decreased as provided by the Purchase Power Capacity and Transmission.

Meter Reading and Billing:

Bills under this schedule will be rendered monthly. A prompt payment discount of 15% will be allowed on the Customer Charge and Distribution Energy Charge, only if the entire bill is paid-in-full by the discount due date.

General Terms and Conditions:

Service hereunder is subject to the General Terms and Conditions which are incorporated herein and are a part of this rate schedule.

Rate Filed: June 1, 2016

Effective: On Billings on or After July 1, 2016

Filed By: Coleen M. O'Brien, General Manager

RMLD PROCUREMENT REQUESTS
REQUIRING BOARD APPROVAL
ATTACHMENT 4



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

Tel: (781) 944-1340
Fax: (781) 942-2409
Web: www.rml.com

May 4, 2016

Town of Reading Municipal Light Board

Subject: Repair of 15kV McGraw Edison Switchgear at Substation 5

On April 4, 2016 a bid invitation was placed as a legal notice in the Middlesex East section of the Daily Times Chronicle requesting proposals for Repair of 15kV McGraw Edison Switchgear at Substation 5 for the Reading Municipal Light Department.

An invitation to bid was emailed to the following:

Schneider Electric	Circuit Breaker Sales North East	PowerTech Associates
No-Outage Electrical Testing	Western Electrical Services, Inc.	Shermco Industries
American Electrical Testing Co., Inc.		

One bid was received from Schneider Electric.

The bid was publicly opened and read aloud at 11:00 a.m. April 28, 2016 in the Town of Reading Municipal Light Department's Board Room, 230 Ash Street, Reading, Massachusetts.

The bid was reviewed, analyzed and evaluated by staff and recommended to the General Manager.

Move that bid 2016-28 for Repair of 15kV McGraw Edison Switchgear at Substation 5 be awarded to Schneider Electric as the lowest responsible and eligible bidder on the recommendation of the General Manager.

<u>Item (desc.)</u>	<u>Qty</u>	<u>ST Price</u>	<u>OT Price</u>	<u>Total Cost</u>
Option 1				
a. Rebuild 1200 Amp bottles	36	\$11,139.84	\$5,008.68	\$16,148.52
b. Rebuild 2000 Amp bottles	18	\$5,569.92	\$2,504.34	\$8,074.26
				<hr/> \$24,222.78
Remediation (optional)				\$4,120.00
				<hr/> \$28,342.78

RMLD



Reading Municipal Light Department

RELIABLE POWER FOR GENERATIONS

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

The FY16 Routine Construction Budget will be charged for the purchase of these units.

Coleen O'Brien

Hamid Jaffari

Nick D'Alleva

Repair of 15kV McGraw Edison Switchgear at Substation 5
IFB 2016-28

Bidder	Straight-time	Qty.	Total Price	Overtime	Qty.	Total Price	Meet Specification requirement	Firm Price	All forms filled out	Certified Check or Bid Bond	Exceptions to stated bid requirements	Authorized signature
Schneider Electric												
<u>Option 1: Remove primary copper details and rebuild the porcelain bottles in place. Nine cubicles total.</u>												
a. Rebuild 1200 Amp bottles	\$309.44	36	\$11,139.84	\$139.13	36	\$5,008.68	yes	yes	yes	yes	yes	yes
b. Rebuild 2000 Amp bottles	\$309.44	18	\$5,569.92	\$139.13	18	\$2,504.34						
			\$16,709.76			\$7,513.02						
						\$24,222.78						
<u>Option 2: Remove all SPD's and replace with rebuilt SPD's. Nine cubicles total.</u>												
Not bid.												
<u>Option 3: Applies only if Option 2 is performed. Rebuild removed bottles and return to RMLD for spares.</u>												
Not bid.												
Pricing for Remediation (optional)							\$4,120.00					
							\$28,342.78					
Exceptions: Schneider Electric requests the ability to negotiate Terms & Conditions as work is performed.												

RMLD



Reading Municipal Light Department
RELIABLE POWER FOR GENERATIONS

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

Tel: (781) 944-1340
Fax: (781) 942-2409
Web: www.rml.com

May 4, 2016

Town of Reading Municipal Light Board

Subject: IFB 2016-29 HVAC Improvements Phase II

A bid invitation was placed as a legal notice in the Middlesex East section of the Daily Times Chronicle and The Central Register on March 30, 2016, requesting proposals for HVAC Improvements Phase II including supporting work of other trades for the Reading Municipal Light Department (RMLD).

BidDocs Online sent an invitation to bid to the following:

Big Ship Builders, LLC
CAM HVAC & Construction Inc.
Davison Co. INC.
Hall Sheet Metal Works, Inc.
N.B. Kenney Company, Inc.
P.J. Dionne Co.
Project Dog
Systems Contracting, Inc.

Electrical Sub Bids were received from Systems Contracting Inc.; A&S Electrical; and Brothers Electrical.
Note: Systems Contracting Inc. is the lowest responsible and eligible electrical sub bidder.

General Contractor bids were received from: Ambient Temperature Corporation; CAM HVAC & Construction Inc.; Hall Sheet Metal Works, Inc.; N.B. Kenney Company, Inc. and P.J. Dionne Company Co., Inc.

The bids were reviewed, analyzed and evaluated by the staff and a recommendation made to the General Manager:

Move that bid 2016-29 for HVAC Improvements Phase II be awarded to:

N.B. Kenney Company, Inc. for a total of \$571,000.00, which includes the electrical sub-bid amount of \$98,220.00

as the lowest responsible and eligible bidder on the recommendation of the General Manager.

RMLD



Reading Municipal Light Department
RELIABLE POWER FOR GENERATIONS

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

The FY16-18 Capital Project Amount for this bid is \$662,748.

Coleen O'Brien

Hamid Jaffari

Paul McGonagle

Attachments: Bid Tabulation Sheet

HVAC Improvements Phase II						
Bid 2016-29						
Bidder	Amount Bid*	All forms <u>filled</u> <u>out</u>	(2) <u>Addenda</u> <u>Received</u>	<u>Certified Check</u> <u>or Bid Bond</u>	<u>Authorized</u> <u>signature</u>	<u>Exceptions to</u> <u>stated bid</u> <u>requirements</u>
N.B. Kenney Company, Inc.	\$571,000	yes	2	yes	yes	no
Hall Sheet Metal Works Inc.	\$574,880	yes	2	yes	yes	no
Ambient Temperature Corporation	\$623,000	yes	2	yes	yes	no
		<u>Purchasing Note:</u> Section J "Certification" missing from Update Statement				
P.J. Dionne Co., Inc.	\$653,800	yes	2	yes	yes	no
CAM HVAC & Construction Co. Inc.	\$676,000	yes	2	yes	yes	no
<i>*Bid amounts include Electrical Subbidder amount of \$98, 220.</i>						

BOARD MATERIALS AVAILABLE
BUT NOT DISCUSSED

Jeanne Foti

From: Jeanne Foti
Sent: Thursday, May 05, 2016 7:50 AM
To: RMLD Board Members Group
Subject: Account Payable and Payroll Questions

Good morning.

In an effort to save paper, the following timeframes had no Account Payable and Payroll questions.

Account Payable Warrant – No Questions

March 25, April 1, April 8, April 15, April 22 and April 29.

Payroll – No Questions

April 4, April 19 and May 2.

This e-mail will be printed for the Board Packet for the RMLD Board meeting on May 12, 2016.

Jeanne Foti
Reading Municipal Light Department
Executive Assistant
230 Ash Street
Reading, MA 01867

781-942-6434 Phone
781-942-2409 Fax

Please consider the environment before printing this e-mail.

TOWN OF READING MUNICIPAL LIGHT DEPARTMENT
RATE COMPARISONS READING & SURROUNDING TOWNS

April-16

	RESIDENTIAL 750 kWh's	RESIDENTIAL-TOU 1500 kWh's 75/25 Split	RES. HOT WATER 1000 kWh's	COMMERCIAL 7,300 kWh's 25,000 kW Demand	SMALL COMMERCIAL 1,080 kWh's 10,000 kW Demand	SCHOOL RATE 35000 kWh's 130.5 kW Demand	INDUSTRIAL - TOU 109,500 kWh's 250,000 kW Demand 80/20 Split
READING MUNICIPAL LIGHT DEPT.							
TOTAL BILL	\$114.12	\$199.62	\$140.37	\$1,039.48	\$197.73	\$4,884.93	\$805,262.15
PER KWH CHARGE	\$0.15215	\$0.13308	\$0.14037	\$0.14239	\$0.18309	\$0.13957	\$0.11705
NATIONAL GRID							
TOTAL BILL	\$163.54	\$334.80	\$218.04	\$1,593.92	\$230.44	\$5,319.47	\$876,869.05
PER KWH CHARGE	\$0.21805	\$0.22320	\$0.21804	\$0.21835	\$0.21337	\$0.15198	\$0.12746
% DIFFERENCE	43.31%	67.72%	55.33%	53.34%	16.54%	8.90%	8.89%
EVERSOURCE(NSTAR)							
TOTAL BILL	\$160.77	\$287.29	\$212.21	\$1,266.20	\$206.17	\$6,412.89	\$1,126,739.42
PER KWH CHARGE	\$0.21435	\$0.19153	\$0.21221	\$0.17345	\$0.19090	\$0.18323	\$0.16378
% DIFFERENCE	40.88%	43.92%	51.18%	21.81%	4.27%	31.28%	39.92%
PEABODY MUNICIPAL LIGHT PLANT							
TOTAL BILL	\$92.34	\$178.32	\$121.00	\$979.47	\$155.08	\$4,839.43	\$663,878.58
PER KWH CHARGE	\$0.12312	\$0.11888	\$0.12100	\$0.13417	\$0.14360	\$0.13827	\$0.09650
% DIFFERENCE	-19.08%	-10.67%	-13.80%	-5.77%	-21.57%	-0.93%	-17.56%
MIDDLETON MUNICIPAL LIGHT DEPT.							
TOTAL BILL	\$99.77	\$198.39	\$132.64	\$959.51	\$168.44	\$4,762.93	\$807,171.40
PER KWH CHARGE	\$0.13303	\$0.13226	\$0.13264	\$0.13144	\$0.15596	\$0.13608	\$0.11733
% DIFFERENCE	-12.57%	-0.62%	-5.50%	-7.69%	-14.82%	-2.50%	0.24%
WAKEFIELD MUNICIPAL LIGHT DEPT.							
TOTAL BILL	\$122.99	\$228.42	\$154.38	\$1,166.29	\$186.28	\$5,473.08	\$921,561.30
PER KWH CHARGE	\$0.16398	\$0.15228	\$0.15438	\$0.15977	\$0.17249	\$0.15637	\$0.13396
% DIFFERENCE	7.77%	14.43%	9.98%	12.20%	-5.79%	12.04%	14.44%