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## AGENDA REGULAR SESSION

### CITIZENS' ADVISORY BOARD (CAB)

**MONDAY, NOVEMBER 30, 2009**

**6:30 P.M.**

**at**

**WILMINGTON TOWN HALL, ROOM 9  
121 GLEN ROAD  
WILMINGTON, MA 01887**

1. Call Meeting to Order – A. Carakatsane, Chairman
2. Minutes of Meeting-September 14, 2009 – A. Carakatsane
3. Gaw Substation Update – V. Cameron
4. Engineering & Operations Update – K. Sullivan
  - a. Gaw Transformer Upgrade Project (10/31/2009) – K. Sullivan
  - b. Capital Plan/Reliability Report (10/31/2009) – K. Sullivan
5. Quarterly (9/30/2009) Financials Update – R. Fournier
6. Power Supply Update (9/30/2009) – J. Parenteau
  - a. BELD Contract Amendment(s)
  - b. Concord Steam
7. Generation Portfolio Standard – Q. Vale
8. Green Communities Act – V. Cameron
9. Twenty-Year Agreement Amendment – V. Cameron
10. Twenty-Year Agreement Extension – V. Cameron
11. Other Items for Discussion
12. Schedule Next Meeting
13. Executive Session
 

**Suggested Motion:**  
Move that the CAB go into Executive Session based on Chapter 164 Section 47D, exemption from public records and open meeting requirements in certain instances, to discuss power supply, to approve minutes, and return to Regular Session for the sole purpose of adjournment.
14. Adjournment

Next RMLD Board Meeting – Wednesday, December 23, 2009 at 7:00\* P.M. (\*Note change in time.)  
CAB Representative: George Hooper



***Reference Information - Appropriate topics for Executive Session: This Agenda has been prepared in advance and does not necessarily include all matters, which may be taken up at this meeting.***

Chapter 164: Section 47D. Exemption from public records and open meeting requirements in certain instances

Section 47D. A municipal lighting plant created pursuant to the provisions of this chapter or any special law shall be exempt from the public record requirements of section 10 of chapter 66 and the open meeting requirements of section 23B of chapter 39 in those instances when necessary for protecting trade secrets, confidential, competitively sensitive or other proprietary information provided in the course of proceedings conducted pursuant to this chapter when such municipal lighting plant board determines that such disclosure will adversely affect its ability to conduct business in relation to other entities making, selling, or distributing electric power and energy pursuant to this chapter.

***Reference Information - Appropriate topics for Executive Session: This Agenda has been prepared in advance and does not necessarily include all matters, which may be taken up at this meeting.***

- (1) to discuss the "reputation, character, physical condition or mental health rather than the professional competence" of a particular individual,
- (2) to consider the discipline or dismissal of, or to hear complaints or charges brought against a public officer, employee, staff member, or individual,
- (3) to discuss strategy with respect to collective bargaining or litigation, if an open meeting may have a detrimental effect on the bargaining or litigating position of the governmental body; to conduct strategy sessions in preparation for negotiations with nonunion personnel; and to conduct collective bargaining sessions or contract negotiations with nonunion personnel,
- (4) to discuss the deployment of security personnel or devices,
- (5) to investigate charges of criminal misconduct or to discuss the filing of criminal complaints,
- (6) to consider the purchase, exchange, lease or value of real property if an open discussion may have a detrimental effect on the negotiating position of the governmental body with a person, firm, or corporation,
- (7) to comply with the provisions of any general or special law or Federal grant-in-aid requirements,
- (8) to consider and interview applicants for employment by a preliminary screening committee or a subcommittee appointed by a governmental body if an open meeting will have a detrimental effect in obtaining qualified applicants; provided, however, that this clause shall not apply to any meeting, including meetings of a preliminary screening committee or a subcommittee appointed by a governmental body, to consider and interview applicants who have passed a primary or preliminary screening,
- (9) to meet or confer with a mediator, as defined in section twenty-three C of chapter two hundred and thirty-three, with

respect to any litigation or decision on any public business within its jurisdiction involving another party, group or body, provided that: (a) any decision to participate in mediation shall be made in open meeting session and the parties, issues involved and purpose of the mediation, shall be disclosed; and (b) no action shall be taken by any governmental body with respect to those issues which are the subject of the mediation without deliberation and approval for such action at an open meeting after such notice as may be required in this section.

**and to return to regular session [choose applicable topics]**

- (1) for the sole purpose of adjournment;
  - (2) for the purposes of continuing regular session;
- [individually list each Commissioner and their vote]**

Revised in accordance with the Open Meeting Law Guidelines, September, 2003

ITEM 2.

Minutes of Meeting

*September 14, 2009*

**CITIZENS' ADVISORY BOARD  
MEETING MINUTES  
Regular Session**

TIME: 6:30 P.M.  
DATE: Monday, September 14, 2009  
PLACE: Reading Municipal Light Department, Spurr/AV Room  
PRESENT: CAB: A. Carakatsane, Chairman, (Lynnfield), Q. Vale (Wilmington), T. Sopchak, (Reading),  
G. Hooper (Wilmington)  
RMLD Board: Chair O'Neill  
RMLD Staff: V. Cameron, P. O'Leary, K. Sullivan, J. Carpenter, R. Fournier

**1. Call Meeting to Order – A. Carakatsane**

Chairman Carakatsane called the meeting to order at 6:37 P.M.

**2. Minutes of Meetings – A. Carakatsane**

April 13, 2009; April 14, 2009; June 15, 2009

Mr. Vale made a motion seconded by Mr. Hooper to approve the Regular Session Minutes of all three meetings, as written.

**Motion carried 3:0:0 for the April 13 meeting with Ms. Sopchak abstaining; Motion carried 4:0:0 for the April 14 and June 15 meetings.**

**3. Smart Grid Presentation – K. Sullivan, J. Carpenter**

Mr. Carakatsane introduced Jared Carpenter, RMLD's new Energy Efficiency Engineer. Mr. Sullivan and Mr. Carpenter presented "Understanding the Smart Grid" to the CAB. Mr. Sullivan stated that this is really two separate pieces put together: 1. Reliability and 2. Energy Conservation. Mr. Sullivan stated there are nine slides and that he would be speaking on Reliability, and Mr. Carpenter would speak on Energy Conservation. (See attached presentation.)

**4. Power Supply Update – V. Cameron**

Mr. Cameron stated that the RMLD is still following the Power Supply strategy that has been in place for a few years. He stated contracts are in place, and he would give more details in executive session.

Mr. Cameron said that Middleton Electric Light Department is interested in developing a power plant near their substation in the northern part of Middleton. It would be a simple cycle (peaking) plant. They asked the RMLD if we are interested in ownership, and Mr. Cameron is looking into it.

Mr. Cameron said that the RMLD was looking at Concord Steam Plant, who wants to build a new plant south of Concord near Rt. 93. Last spring the RMLD stopped discussions with Concord Steam, because from a price point of view it was not in the best interest of the RMLD.

Mr. Cameron added that the RMLD is also looking at solar development and wind projects in Maine. Energy Services is examining a variety of sources, however, the laddering and layering approach that's been used will continue.

Mr. Carakatsane asked about this summer's load and an increase in capacity.

Mr. Cameron stated that the peak was down about 10-12 megawatts, and noted the sales were down for the fiscal year about 3 ½%, some of which is energy conservation. Mr. Cameron stated that the RMLD would not need an increase in capacity, but that the transmission costs are going up again.

**5. Green Communities Act – V. Cameron**

Mr. Cameron stated that the Town of Reading applied to be a Green Community. He has been in touch with Mark Sylvia, Director, Green Communities Division, Massachusetts Department of Energy Resources, and asked the question if one community the RMLD services becomes a Green Community and the others do not, does that mean that only Reading would be charged. To do this, RMLD would have to join the

Massachusetts Renewable Energy Trust (MERT) for ½ mil/KWH. Mr. Sylvia stated that all the communities would be charged. Mr. Cameron noted that once the RMLD joins MERT, it is irrevocable. He said that rates may have to be raised, and he does not see the energy conservation charge going away.

Discussion ensued.

#### **6. Year End (June 30) Financials Update – R. Fournier**

Mr. Fournier referred to his memo dated August 21, 2009 to the RMLB (see attached) and noted one change since then:

Change in net assets was \$447,000. This figure will be reduced by approximately \$30,000 due to the de-commissioning of the Lynnfield Substation making the change in net assets for FY2009 \$416,000.

Mr. Fournier stated that the total write-off of receivables for this fiscal year is \$232,000, an increase from previous years. He commented that when he hears the Board and CAB speak of additional charges on customer bills, he has reservations. Customers are having a hard time paying their bills and there are more shut offs and 72 hour notices than before.

Mr. Fournier met with the RMLD Board on September 9 to determine the year-end cash transfers so that when the auditors make their presentation on the auditor's statement, the numbers are final. Two transfers are made every year -- the rate stabilization fund (RSF) transfer and the construction fund transfer. The \$416,000 that the RMLD made this year represents about 1% of the allowable 8% that the RMLD is allowed to make. Keeping in mind that the Board likes to keep the RSF between \$6-7 million, a decision was made to transfer \$1 million from the RSF to the Operating Fund, which will reduce the RSF from \$6.2 million to \$5.2 million. Also \$1 million from the operating fund will be put into the construction fund, the source of the capital money. The construction fund balance will then go from \$4.4 million to \$5.4 million. If the capital budget money were completely spent in FY10, it would leave about \$2 million. If any major projects arise, the RMLD will most likely have to bond. Mr. Fournier noted that the RMLD paid off its last bond on September 1, 2009 making the RMLD debt free.

Discussion ensued.

#### **7. Twenty-Year Agreement Amendment – V. Cameron**

Mr. Cameron explained the portion (Attachment 4-Long-Term/Short-Term Power Contracts) of the Agreement that needs to be amended due to the present day market. Mr. Cameron stated that 2010 is the year that the Agreement needs to be extended. He still wishes to amend the Agreement, however, he would like to first extend it so as not to have it delayed by an amendment. He added that the amendment had been discussed in prior meetings, and Mr. Carakatsane and Ms. Parenteau created a draft amendment.

Ms. O'Leary handed out the draft amendment, and Mr. Carakatsane briefly explained that the draft amendment would include the CAB approving a policy that would define short-term contracts, and then the RMLD Board would have to approve it.

Ms. Sopchak asked about extension.

Mr. Cameron explained that it is a 10-year notice with a 10-year out and this extension would go to 2030.

Mr. Cameron is not recommending anything be done on the Amendment until the extension is complete.

#### **8. Twenty-Year Agreement Extension – V. Cameron**

See #7 above.

#### **9. Other Items for Discussion**

##### **a. 2009 NEPPA Annual Conference – September 20-23**

Ms. O'Leary stated that four CAB members are registered for the conference.

Mr. Hooper stated that he is unable to attend. Ms. O'Leary will notify NEPPA and cancel the registration.

- b. Mr. Vale stated that the CAB and RMLD have been talking about a Green Power Policy for the Department. Mr. Vale made the following motion:

MOVE that the Citizen's Advisory Board recommend that the Board of Commissioners for the Reading Municipal Light Department adopt a generation portfolio standard including renewable and alternative fuel sources comparable to the standards required of the Massachusetts Investor Owned Utilities pursuant to state law and regulation.

Motion was not seconded.

Mr. Carakatsane asked that additional information be provided to the CAB members before the next meeting.

Mr. Cameron stated that he felt now is not the time to force renewable energy on to our customers, who are already having a difficult time paying bills. He believes it is a dangerous proposition to go under the Renewable Portfolio Standard (RPS) that is being imposed on the investor owned utilities. Mr. Cameron added that the Department is trying to get renewable energy into its portfolio in an economic way.

- c. Mr. Carakatsane asked Mr. Sullivan about the Gaw Station upgrade.

Mr. Sullivan responded that one transformer is in position but not energized at this time. He stated that the project is about a month behind where it was scheduled to be, and that it was too soon to tell how far that will put the project out beyond the existing schedule.

#### 10. Schedule Next Meeting

November 16, 2009.

#### 11. Executive Session

Ms. Sopchak made the following motion at 8:27 P.M. seconded by Mr. Hooper:

Move that the CAB go into Executive Session based on Chapter 164, Section 47D, exemption from public records and open meeting requirements in certain instances, to discuss Power Supply, to approve minutes, and to return to Regular Session for the sole purpose of adjournment.

**Motion carried by a poll of the board: 4:0:0** – Mr. Vale – Aye; Ms. Sopchak – Aye; Mr. Carakatsane – Aye; Mr. Hooper – Aye.

#### 12. Adjournment

Mr. Hooper made a motion seconded by Ms. Sopchak to adjourn Regular Session at 9:13 P.M.

**Motion carried: 4:0:0.**

Respectfully submitted,

\_\_\_\_\_  
Arthur Carakatsane, Chairman

Minutes approved on: \_\_\_\_\_

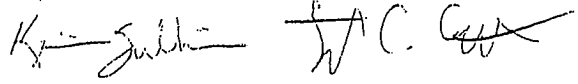
/pmo

## READING MUNICIPAL LIGHT DEPARTMENT

To: Vinnie Cameron

August 17, 2009

From: Kevin Sullivan, Jared Carpenter



Subject: Smart Grid at the RMLD

### 1.0 Summary

Smart Grid in the purest form is a general term referring to the individual components used for electric delivery and the ability of those components to communicate and operate interdependently. The term has developed into a buzz-word championed by the Federal Government in its quest for a more efficient means of generating and delivering power to consumers. The Federal Government is counting on the utility community at large to pioneer the Smart Grid effort. Many manufacturers have been marketing products designed to give utilities advancements in the Smart Grid product design.

Presently Smart Grid has no standards, no guidelines, and no protocols. The National Institute for Standards and Technology is working to develop standards for manufacturers to adhere to. The market offers an endless number of Advanced Metering Infrastructure (AMI) type meters that can provide voltage indication, time of use information, remote disconnection and pre-planned remote reads back to the utility's mainframe equipment. Each utility has been watching the myriad of options, deciding when the time is right and at what level this new technology should be embraced.

So too, the RMLD has been watching Smart Grid available technologies unfold. On the reliability side of the equation, Smart Grid system protection devices can isolate outages and mitigate the effect of an outage to a minimum amount of customers.

Also, Smart Grid metering can provide an instantaneous, electronic notification of customer outages and verification of re-energization, automatic disconnection and customer load profiling. Customers may also take advantage of Smart Grid instrumentation that enables access to information so that they can cut back on usage during periods of high electric usage and control their costs.

## 2.0 What Smart Grid reliability applications does the RMLD have presently?

The RMLD had begun its quest for products that offered advanced technologies long before the term 'Smart Grid' had been coined. The RMLD has fault detectors strategically placed on the sub-transmission lines that provide power to Wildwood Substation and a few of our distribution feeders. Fault detectors provide instant indication of excessive current flow, expediting the fault locating process. The installation of additional fault detectors is planned for FY'10.

Reclosers and auto-transfer voltage sensing equipment have been installed in areas that serve our largest commercial load to provide instantaneous isolation and transfer to a back-up feeder.

Sectionalizing fuses provide individual phase isolation to minimize complete circuit interruption, maintaining service to customers upstream of the fault.

The RMLD fiber-optic loop, which encircles the territory, provides communication from all substations back to the Control Center for Supervisory Control and Data Acquisition (SCADA) of circuit breakers, voltage and loading.

## 3.0 What Smart Grid energy conservation applications does the RMLD presently have in place?

The RMLD has added new programs to help with our Smart Grid endeavors. The Smart Grid is a very open idea at this point. However the goal of energy conservation through efficiency will always be a staple focus.

The existing and new programs that we have implemented are residential renewable energy rebate programs, which gives rebates for ENERGY STAR rated appliances.

The RMLD has a Time of Use electric rate, which through the use of time of use meters help customers shape their energy usage. The Time of Use rate is available for both the residential and commercial customers.

The Commercial Energy Initiative program is set up to help encourage and rebate customers who either install a renewable energy technology or set up a comprehensive plan to reduce peak kW demand. This program enables all commercial customers to take great steps forward in energy savings no matter how in-depth they are prepared to go.



#### 4.0 What Smart Grid reliability applications should the RMLD look to in the future?

Reliability synergies that would enhance the RMLD are systems that work together to provide a technological network and products that offer a lengthened lifecycle.

The RMLD is exploring the use of remote operation of switching on the distribution system, which will allow the RMLD to mitigate the effects of systems outage and give the RMLD more flexibility in system operations, streamline maintenance, and will increase reliability.

#### 5.0 What Smart Grid energy conservation applications should the RMLD look to in the future?

New technologies are constantly arising to assist in energy conservation. Understanding what will bring the greatest benefit in the most cost effective manner is difficult. The RMLD works together as a team to monitor new technologies and recommend them to our customers as needed.

One of the technologies we would like to encourage and perhaps rebate are residential energy monitors with in home displays along with time of use display. This technology will be viewable via the web and eventually provide control of lighting, thermostats, and other technologies in the home. This same technology is applicable to help with energy savings, security, and other important aspects of business for our smaller to mid-sized commercial customers.

Some of the newest technologies available for use that the RMLD would like to incorporate into customer use are magnetic bearing compressors, building automation systems, absorption chillers, Electronically Commutated Motors (ECM), natural light providing fixtures, magnetic induction lighting, and other energy efficiency and environmentally friendly measures.

The goal of our rebates are not only to provide financial help to encourage installation of efficient equipment but to encourage the growth of local companies and all technologies that provide the least harm to our worldwide environment.

## 6.0 Summary

As Smart Grid technology grows and becomes more focused, the RMLD will be prepared due to the planning and implementation steps that have already been put in place. The most important part of the Smart Grid is planning, forward thinking, and action. All of these steps and our knowledge are constantly growing as we search for additional options.

Our reliability and communication has consistently grown and is well beyond the national average. Customers often tell us our service and technology have gotten better and better. Our energy conservation goals are always being raised and we work daily with our customers meeting their needs to reduce their energy consumption. The RMLD is seeing newly interested solar customers on a weekly basis, preparing to start metering pilot test programs, and is noticing less reliability issues. Although there is no way to fully predict what the Smart Grid final product will be, we can all be certain that the RMLD is well out of the starting gate and has a firm grasp on what it will take to make our service meet all the needs of our customers.

c: Citizen's Advisory Board  
Jane Parenteau

# Reading Municipal Light Department

## Understanding the Smart Grid

8/19/2009

# Smart Grid Definition

A **Smart Grid** delivers electricity to consumers using technology to save energy, reduce cost and increase reliability and efficiency. Smart Grid is about communications between devices and control of systems on the grid.

# 1.0 Smart Grid Summary

- Electric meters provide:
  - Real-time consumption information
  - Automatic remote reads
  - Automatic notification of service failure
- Distribution Automation provides:
  - Increased reliability
  - Fault detection and isolation
  - Minimal customer interruption to situations affecting the distribution system

# 2.0 Existing Smart Grid Reliability Equipment

- Reliability
  - Fault detectors
  - Sectionalizing fuses
  - Reclosers and sectionalizers
  - Voltage-sensing auto transfer equipment
  - Supervisory Control and Data Acquisition

## 2.0 Existing Smart Grid Reliability Applications

- Fault detectors on 35kV sub-transmission lines and select feeders
- Sectionalizing fuses to isolate overhead phases
- Reclosers and sectionalizers isolate sections of circuits
- Voltage sensing auto-transfer switches minimize outage time by transferring to back-up feeder
- SCADA control and indication for all substations

## 3.0 Existing Smart Grid Energy Conservation Applications

- ENERGY STAR appliance rebate
- Time of Use electric rate and meters
- Renewable Energy Rebate program
- Commercial Energy Initiative program



## 4.0 Future Reliability Applications

- Radio-operated distribution switches
  - Reclosers
  - Voltage-sensing auto-transfer equipment
  - Real-time load measuring devices
- Systems communication between each meter, the Billing Department and Outage Management System

# 5.0 Future Smart Grid Energy Conservation Applications

## New high efficiency equipment

- Magnetic bearing compressors
- Natural light fixtures
- Building and motor energy management controls
- Electric vehicles
- Working with gas heating programs to provide comprehensive energy saving solutions
- And more as technology develops!

## 6.0 The RMLD Understands the Smart Grid

- The Smart Grid will continue to grow
- Our towns' needs are changing
- Education
- Communication
- Planning
- Action

Dt: August 21, 2009

To: RMLB, Vincent F. Cameron, Jr., Jeanne Foti

Fr: Bob Fournier *8/21/09*

Sj: June 2009 Report *11*

The unaudited results for fiscal year June 30, 2009, will be summarized in the following paragraphs. The auditing firm of Melanson Heath and Company, PC, will make their formal presentation at the September Board meeting. RMLD showed a positive change in net assets (net income) of \$447,000.00 which represents 1.0% of the allowable 8.0% rate of return.

**1) Change in Net Assets or Net Income: (Page 3A)**

Net income or the positive change in net assets for the year was \$447,000.00. The difference between the actual fuel expense and the actual fuel revenue is \$834,086.00, with revenues exceeding expenses.

**2) Revenues: (Page 11B)**

Base revenues for the year were over budget by \$858,564.00 or 2.25%. Actual base revenues were at \$39.0 million compared to the budgeted amount of \$38.1 million. The residential sector was mainly responsible for the increase.

**3) Expenses: (Page 12A)**

\*Purchased power base expense for the year was over budget by \$2,914,525 or 12.43% due to increases in transmission and capacity costs. Actual purchased power base costs were \$26.4 million compared to the budgeted amount of \$23.5 million.

\*Operating and Maintenance (O&M) expenses combined were over budget by \$981,398.00 or 9.78%. Actual O&M expenses were \$11.0 million compared to the budgeted amount of \$10.0 million. The major expenses that were over budget were employee pension and benefits \$631,000, due to the post employment benefit charge of \$436,000 and buyback sick leave increase of \$190,000. Bad debt expense was over budget by \$107,000.

\*Depreciation expense and voluntary payments to the Towns were \$76,000 over budget.

**4) Cash: (Page 9)**

\*Operating Fund balance was at \$8,632,771.

\*Capital Funds balance was at \$4,403,129.

\*Rate Stabilization Fund balance was at \$6,237,223.

\*Deferred Fuel Fund balance was at \$1,739,394.

**5) General Information:**

FY 09 audit field work is completed. Auditors were here the week of 8/10.  
Kwh sales are down 21,604,117 or 3.1% compared to last year's actual.  
Cash year end transfers will be discussed in September.

**6) Budget Variances:**

The five divisions were over budget cumulatively by \$1,016,733, or 6.16%.

**7) Trends:**

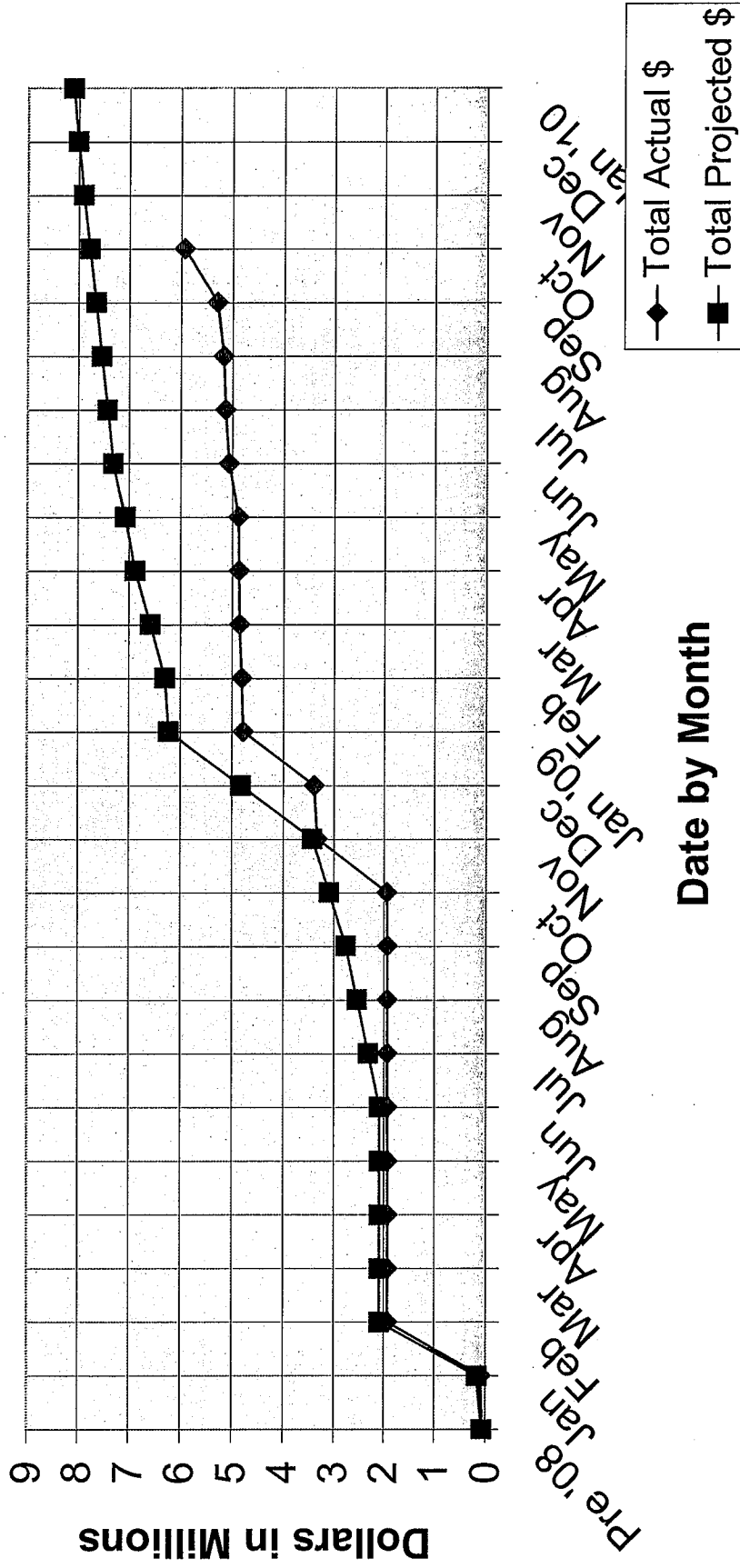
The fuel charge remained unchanged at \$.059.

ITEM 4.

Engineering & Operations Update

a. *Gaw Transformer Upgrade Project*

# Gaw Transformer Upgrade Project



## Gaw Transformer Upgrade Project

Schedule Milestones	Start Date	% Complete	Completion Date	Notes
Conceptual Engineering	Jul-08	100	Jun-09	Complete
Major Equipment Procurement	Feb-09	80		Remaining: concrete, land materials, switchgear cubicles
Design Engineering	Jul-08	100	Jun-09	Complete
Scheduled Transformer Delivery	Dec-08	100	Dec-08	Complete
Construction Bid	Jan-09	100	Mar-09	Complete
Construction Contractor	May-09	35		Project delayed due to soil contamination
Construction Transformer Replacement	May-09	35		Project delayed due to soil contamination
Construction Switchgear Upgrades	Dec-09	0		Bid awarded to switchgear vendor
Construction RMLD Personnel	Jan-09	65		Remaining: control wiring, panel relocations, feeder reassignment work
Tangible Milestones	Start Date	% Complete	Completion Date	Notes
Relocate Station Service transformers	06/22/09	100	07/17/09	Complete
Transformer 110C on concrete pad	06/01/09	100	07/22/09	Complete
115kV circuit switchers replaced	07/25/09	100	08/02/09	Complete
Transformer 110C secondary work	07/27/09	100	10/05/09	Complete
Transformer 110C replacement	08/31/09	100	10/09/09	Complete
Transformer 110A replacement	09/21/09	15		110A decommissioning delayed due to soil contamination
Transformer 110B replacement		5		110B decommissioning scheduled for 11/16 temp replacement with old 110C
Switchgear upgrade	12/01/09	0	01/29/10	Bid awarded to switchgear vendor
Feeder Reassignment work	01/31/10	0	02/28/10	Balances bus section and transformer loading



ITEM 4.

Engineering & Operations Update

b. *Capital Plan/Reliability Report (10/31/2009)*

11/12/2009  
2:46 PM

READING MUNICIPAL LIGHT DEPARTMENT  
FY10 CAPITAL BUDGET VARIANCE REPORT  
FOR PERIOD ENDING OCTOBER 31, 2009

#	PROJECT DESCRIPTION	TOWN	ACTUAL COST OCTOBER	YTD ACTUAL COST THRU 10/31/09	ANNUAL BUDGET	REMAINING BALANCE
<u>4 kV Retirement – Stepdown Areas</u>						
1	Reading	R	\$1,527	\$78,125	\$31,415	(\$46,710)
22	Wilmington - Main Street NEW	W			\$112,152	\$112,152
<u>System Projects</u>						
2	Station #4 Getaway 4W30 Replacements	R	\$11,831	\$93,375	\$201,712	\$108,337
3	Station #4 Getaway 4W17 Replacements NEW	R			\$170,779	\$170,779
4	Salem Street Area	W		\$109,129	\$171,923	\$62,794
5	High Capacity Tie 4W18/3W8 Franklin Street	R	\$460	\$460	\$129,004	\$128,545
6	Haverhill Street - Reconductoring NEW	R	\$6,835	\$6,835	\$184,460	\$177,625
<u>URD Upgrades</u>						
7	URD Completions-Sanborn Village, Reading; Perkins Farm, Lynnfield; and Chestnut Village, North Reading	VAR			\$38,496	\$38,496
<u>New Circuits and Circuit Expansions</u>						
8	Salem Street to Glen Rd 13kV Feeder Tie	W			\$80,063	\$80,063
9	Reading Center-Main Street	R		\$5,363	\$13,932	\$8,569
10	Reading Center-Haven Street	R			\$23,311	\$23,311
<u>Station Upgrades</u>						
<i>Station #4</i>						
11	Transformer Replacement-Part 1-Contractual Labor	R	\$530,224	\$530,224	\$1,231,500	\$701,276
11	Transformer Replacement-Part 2-Procured Equipment	R	\$59,537	\$148,551	\$344,800	\$196,249
11	Transformer Replacement-Part 3-RMLD Labor	R	\$48,694	\$191,121	\$432,405	\$241,284
11	Transformer Replacement-Part 4-Feeder Re-Assignment	R			\$228,159	\$228,159
<i>Station #5</i>						
23	15kV Circuit Breaker Replacement NEW	W			\$157,528	\$157,528
<u>New Customer Service Connections</u>						
12	Service Installations-Commercial/Industrial Customers	ALL	\$12,124	\$16,169	\$54,184	\$38,015
13	Service Installations - Residential Customers	ALL	\$16,905	\$66,928	\$176,623	\$109,695
14	<u>Routine Construction</u>					
	Various Routine Construction	ALL	\$165,265	\$468,231	\$1,537,896	\$1,069,665
Total Construction Projects			\$853,400	\$1,714,510	\$5,320,343	\$3,605,833
<u>Other Projects</u>						
15	GIS			\$32,400	\$52,984	\$20,584
16	Transformers/Capacitors Annual Purchases		\$5,042	\$14,458	\$241,389	\$226,931
17	Meter Annual Purchases			\$8,140	\$139,360	\$131,220
18	Purchase Two New Small Vehicles		\$2,034	\$33,544	\$62,000	\$28,456
19	Replace Line Department Vehicles				\$353,823	\$353,823
20	Cooling Towers				\$200,248	\$200,248
21	Security Upgrades				\$25,000	\$25,000
27	Hardware Upgrades				\$43,700	\$43,700
3	Software and Licensing		\$8,356	\$30,677	\$94,410	\$63,733
Total Other Projects			\$15,432	\$119,219	\$1,212,913	\$1,093,694
TOTAL RMLD CAPITAL PROJECT EXPENDITURES			\$868,833	\$1,833,729	\$6,533,256	\$4,699,527

**Reading Municipal Light Department  
Engineering and Operations  
Monthly Report  
October, 2009**

***FY 2010 Capital Plan***

**4 kV Retirement – Stepdown Areas**

1. Reading – Work on Summer Avenue included transferring guys.
22. Main Street – Wilmington – *No activity.*

**System Projects**

2. Station #4 Getaway Feeder 4W30 Replacement – Reading – Underground work on Causeway Road included installation of underground cable.
3. Station #4 Getaway Feeder 4W17 - Wilmington – *No activity.*
4. Salem Street Area - Wilmington – *No activity.*
5. High Capacity Tie 4W18/3W8 Franklin Street – Reading – *No activity.*
6. Haverhill Street – Reading/Lynnfield – Framing for new spacer cable began.

**URD Upgrades**

7. URD Completions – Sanborn Village, Reading; Perkins Farm, Lynnfield; and Chestnut Village, North Reading - *No activity.*

**New Circuits and Circuit Expansions**

8. Salem Street to Glen Road 13 kV Feeder Tie – Wilmington – *No activity.*
9. Reading Center - Main Street – *No activity.*
10. Reading Center - Haven Street – *No activity.*

**Substation Upgrade Projects**

11. Transformer Replacement – Station 4 - Reading  
Part 1 – Contractual Labor – Invoices paid to Fischbach and Moore.  
Part 2 – Procured Equipment – Materials including motor operated switches, bolts, anchor bolts, steel structures for cable trays, three remote indicators for tap changes on each new transformer, and sundry electrical equipment.  
Part 3 – RMLD Labor – Relay and control wire modifications.  
Part 4 – Feeder Re-Assignment – *No activity.*
23. 15kV Circuit Breaker Replacement – Station 5 – Wilmington – *No activity.*

### **New Customer Service Connections**

**12. Service Installations – Commercial/Industrial Customers** – This item includes new service connections, upgrades, and service replacements for the commercial and industrial customers. This represents the time and materials associated with the replacement of an existing or installation of a new overhead service, the connection of an underground service, etc. This does not include the time and materials associated with pole replacements/installations, transformer replacement/installations, primary or secondary cable replacement/installations etc. This portion of the project comes under routine construction.

**13. Service Installations – Residential Customers** – This item includes new or upgraded overhead and underground services, temporary overhead services, and large underground development.

**14. Routine Construction** – The drivers of the Routine Construction budget category YTD are listed. This is not an inclusive list of all items within this category.

<i>Pole Setting/Transfers</i>	\$ 68,785
<i>Maintenance Overhead/Underground</i>	\$158,560
<i>Projects Assigned as Required</i>	\$ 94,411
<i>Pole Damage (includes knockdowns) some reimbursable</i>	\$ 27,779
<i>Station Group</i>	\$ 1,012
<i>Hazmat/Oil Spills</i>	\$ 3,078
<i>Porcelain Cutout Replacement Program</i>	\$ 34,731*
<i>Lighting (Street Light Connections)</i>	\$ 10,204
<i>Storm Trouble</i>	\$ 724
<i>Underground Subdivisions</i>	\$ 29,189
<i>Miscellaneous Capital Costs</i>	\$ 39,758
<b>TOTAL</b>	<b>\$468,231</b>

\*In the month of October, 102 cutouts were charged under this program. Approximately 32 cutouts were installed new or replaced because of damage making a total of 134 cutouts replaced this month.

**29 – Force Accounts** – The Commonwealth of Massachusetts requires utility plant equipment relocations in conjunction with various roadway reconstruction projects.

No projects scheduled at this time.

## Reliability Report

Two key industry standard metrics have been identified to enable the RMLD to measure and track system reliability. A rolling 12-month view is being used for the purposes of this report.

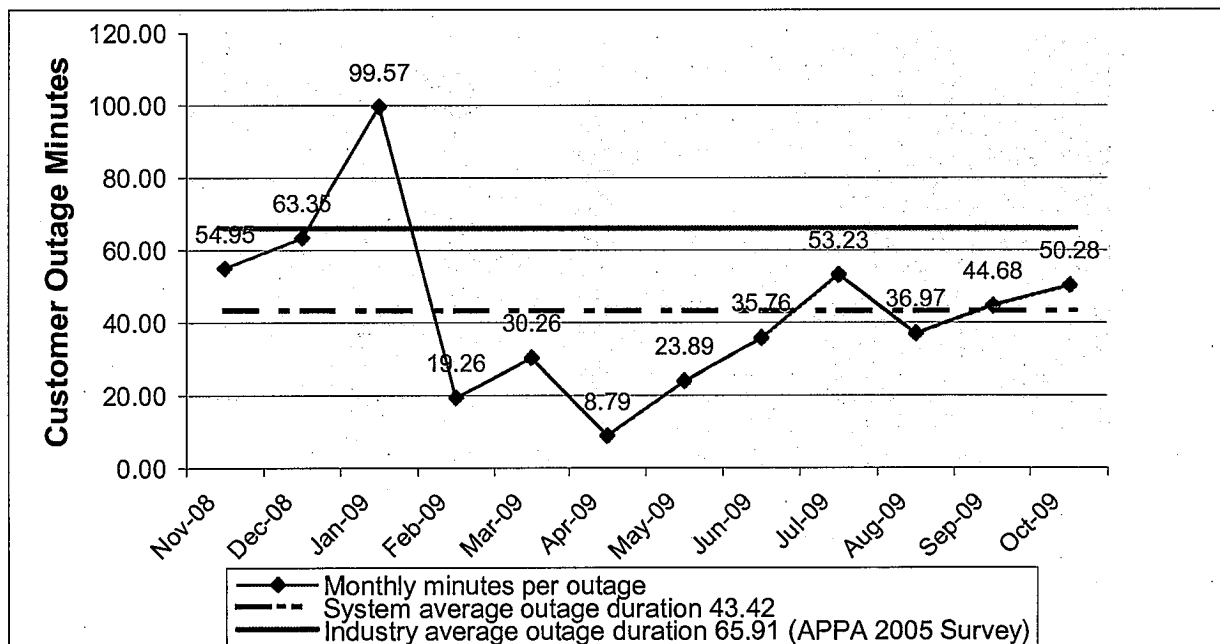
**Customer Average Interruption Duration Index (CAIDI)** – Measures how quickly the RMLD restores power to customers when their power goes out.

**CAIDI = Total of Customer Interruption Duration for the Month in Minutes/ Total number of customers interrupted.**

RMLD System CAIDI – 43.42 minutes

Industry Average – 65.91 minutes per outage (APPA 2005 Reliability Survey)

On average, RMLD customers that experience an outage are restored in 43.42 minutes.



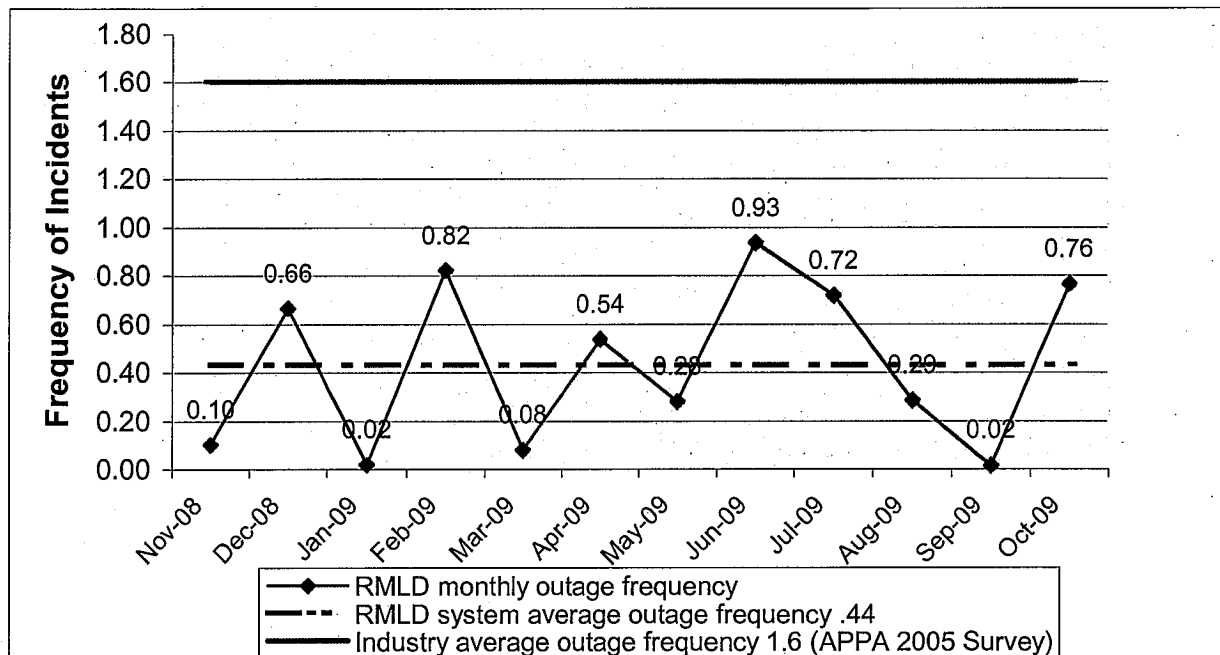
**System Average Interruption Frequency (SAIFI)** – Measures how many outages each customer experiences per year on average.

**SAIFI = Total number of customer's interrupted / Total number of customers.**

RMLD System Average - .44 outages per year

Industry Average – 1.6 outages per year (APPA 2005 Reliability Survey)

Top quartile performance for the industry is one outage or less per year. The graph below tracks the month-by-month SAIFI performance.



### Months Between Interruptions (MBTI)

Another view of the SAIFI data is the number of months Reading customers have no interruptions. At this time, the average RMLD customer experiences an outage every 27.27 months.

ITEM 5.

Quarterly Financial (9/30/2009) Update

Dt: October 23, 2009

To: RMLB, Vincent F. Cameron, Jr., Jeanne Foti

Fr: Bob Fournier

*RF*  
*10/23/09*  
*11/16*

Sj: September 2009 Report

The results for the first three months ending September 30, 2009, for the fiscal year 2010 will be summarized in the following paragraphs. Overall, the year to date results are positive. GAW Substation incident is still ongoing.

**1) Change in Net Assets or Net Income: (Page 3A)**

Net income or the positive change in net assets for the first three months was \$1,852,995. The budgeted net income for this period was \$1,294,671, resulting in net income being over budget by \$558,323, or 43.2%. The difference between the actual fuel expense and the actual fuel revenue is \$1,257,498, with revenues exceeding expenses.

**2) Revenues: (Page 11B)**

Base revenues were under budget by \$588,536 or 5.1%. Actual base revenues were at \$10.8 million compared to the budgeted amount of \$11.4 million. Only the residential sector was over budget.

**3) Expenses: (Page 12A)**

\*Purchased power base expense was \$182,016 or 2.51% over budget. Actual purchased power base costs were \$7.4 million compared to the budgeted amount of \$7.2 million.

\*Operating and Maintenance (O&M) expenses combined were under budget by \$593,194 or 21.9%. Actual O&M expenses were \$2.1 million compared to the budgeted amount of \$2.7 million. The major expenses that were under budget are energy audit expense and conservation (\$107,000), overhead maintenance (\$44,000), employee pension/benefits (\$198,000) and professional services (\$56,000).

\*Depreciation expense and voluntary payments to the Towns were on budget.

**4) Cash: (Page 9)**

\*Operating Fund balance was at \$4,285,835.

\*Capital Funds balance was at \$5,524,782.

\*Rate Stabilization Fund balance was at \$5,257,417.

\*Deferred Fuel Fund balance was at \$2,926,273.

**5) General Information:**

TBA

**6) Budget Variance:**

All five divisions were under budget cumulatively by \$600,270, or 13.5%.

**7) Trends:**

The fuel charge remained at \$.0665 in September.



# **FINANCIAL REPORT**

**SEPTEMBER 30, 2009**

**ISSUE DATE: OCTOBER 23, 2009**

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
BUSINESS-TYPE PROPRIETARY FUND  
STATEMENT OF NET ASSETS  
9/30/09

		PREVIOUS YEAR	CURRENT YEAR
<b>ASSETS</b>			
<b>CURRENT</b>			
UNRESTRICTED CASH	(SCH A P.9)	9,004,392.18	4,288,835.90
RESTRICTED CASH	(SCH A P.9)	12,383,127.75	13,756,638.22
RESTRICTED INVESTMENTS	(SCH A P.9)	4,400,000.00	4,400,000.00
RECEIVABLES, NET	(SCH B P.10)	10,538,618.58	9,812,819.85
PREPAID EXPENSES	(SCH B P.10)	1,167,468.40	1,262,960.65
INVENTORY		1,526,948.63	1,496,241.63
<b>TOTAL CURRENT ASSETS</b>		<u>39,020,555.54</u>	<u>35,017,496.25</u>
<b>NONCURRENT</b>			
INVESTMENT IN ASSOCIATED CO	(SCH C P.2)	122,391.17	108,967.43
CAPITAL ASSETS, NET	(SCH C P.2)	61,284,033.66	64,775,402.64
OTHER ASSETS	(SCH C P.2)	18,633.90	15,622.27
<b>TOTAL NONCURRENT ASSETS</b>		<u>61,425,058.73</u>	<u>64,899,992.34</u>
<b>TOTAL ASSETS</b>		<u>100,445,614.27</u>	<u>99,917,488.59</u>
<b>LIABILITIES</b>			
<b>CURRENT</b>			
ACCOUNTS PAYABLE		6,367,420.70	5,297,030.07
CUSTOMER DEPOSITS		483,431.29	493,602.07
CUSTOMER ADVANCES FOR CONSTRUCTION		691,757.17	705,309.36
ACCRUED LIABILITIES		402,925.09	625,312.40
CURRENT PORTION OF BONDS PAYABLE		550,000.00	0.00
<b>TOTAL CURRENT LIABILITIES</b>		<u>8,495,534.25</u>	<u>7,121,253.90</u>
<b>NONCURRENT</b>			
BONDS PAYABLE, NET OF CURRENT PORTION		0.00	0.00
ACCRUED EMPLOYEE COMPENSATED ABSENCES		2,682,217.58	2,873,114.33
<b>TOTAL NONCURRENT LIABILITIES</b>		<u>2,682,217.58</u>	<u>2,873,114.33</u>
<b>TOTAL LIABILITIES</b>		<u>11,177,751.83</u>	<u>9,994,368.23</u>
<b>NET ASSETS</b>			
INVESTED IN CAPITAL ASSETS, NET OF RELATED DEBT		60,734,033.66	64,775,402.64
RESTRICTED FOR DEPRECIATION FUND (P.9)		3,746,008.08	5,008,575.87
UNRESTRICTED		24,787,820.70	20,139,141.85
<b>TOTAL NET ASSETS</b>	(P.3)	<u>89,267,862.44</u>	<u>89,923,120.36</u>
<b>TOTAL LIABILITIES AND NET ASSETS</b>		<u>100,445,614.27</u>	<u>99,917,488.59</u>

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
NONCURRENT ASSET SCHEDULE  
9/30/09

SCHEDULE C

	PREVIOUS YEAR	CURRENT YEAR
SCHEDULE OF INVESTMENTS IN ASSOCIATED COMPANIES		
NEW ENGLAND HYDRO ELECTRIC	46,153.24	41,937.50
NEW ENGLAND HYDRO TRANSMISSION	76,237.93	67,029.93
TOTAL INVESTMENTS IN ASSOCIATED COMPANIES	<u>122,391.17</u>	<u>108,967.43</u>
SCHEDULE OF CAPITAL ASSETS		
LAND	1,265,842.23	1,265,842.23
STRUCTURES AND IMPROVEMENTS	7,288,907.18	6,997,417.80
EQUIPMENT AND FURNISHINGS	6,966,361.65	11,760,574.52
INFRASTRUCTURE	<u>43,926,322.60</u>	<u>44,751,568.09</u>
TOTAL CAPITAL ASSETS, NET	59,447,433.66	
CONSTRUCTION WORK IN PROGRESS	1,836,600.00	0.00
TOTAL UTILITY PLANT	<u>61,284,033.66</u>	<u>64,775,402.64</u>
SCHEDULE OF OTHER ASSETS		
PURCHASED POWER WORKING CAPITAL	14,523.70	14,523.70
UNAMORTIZED DEBT EXPENSE	4,110.20	1,098.57
TOTAL OTHER ASSETS	<u>18,633.90</u>	<u>15,622.27</u>
TOTAL NONCURRENT ASSETS	<u><u>61,425,058.73</u></u>	<u><u>64,899,992.34</u></u>

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
BUSINESS-TYPE PROPRIETARY FUND  
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN FUND NET ASSETS  
9/30/09

	MONTH LAST YEAR	MONTH CURRENT YEAR	LAST YEAR TO DATE	CURRENT YEAR TO DATE	YTD % CHANGE
OPERATING REVENUES: (SCH D P.11)					
BASE REVENUE	3,289,859.57	3,672,441.83	10,553,570.20	10,805,012.92	2.38%
FUEL REVENUE	6,105,632.95	4,335,754.22	18,816,321.21	12,353,548.51	-34.35%
PURCHASED POWER CAPACITY	615,744.93	345,388.37	1,003,255.22	675,099.29	-32.71%
FORFEITED DISCOUNTS	78,104.32	75,978.81	218,422.68	205,263.69	-6.02%
ENERGY CONSERVATION REVENUE	0.00	52,400.16	0.00	152,304.76	100.00%
PASNY CREDIT	0.00	(31,274.85)	0.00	(70,618.33)	100.00%
TOTAL OPERATING REVENUES	10,089,341.77	8,450,688.54	30,591,569.31	24,120,610.84	-21.15%
OPERATING EXPENSES: (SCH E P.12)					
PURCHASED POWER BASE	2,163,583.72	2,475,027.86	6,686,196.55	7,421,401.77	11.00%
PURCHASED POWER FUEL	4,735,865.70	2,973,452.04	18,202,111.04	11,096,051.29	-39.04%
OPERATING	738,191.46	601,510.22	1,992,125.88	1,677,027.46	-15.82%
MAINTENANCE	274,498.48	216,563.67	642,029.92	437,278.02	-31.89%
DEPRECIATION	261,200.00	280,105.78	783,600.00	840,317.34	7.24%
VOLUNTARY PAYMENTS TO TOWNS	100,750.00	104,500.00	302,250.00	313,500.00	3.72%
TOTAL OPERATING EXPENSES	8,274,089.36	6,651,159.57	28,608,313.39	21,785,575.88	-23.85%
OPERATING INCOME	1,815,252.41	1,799,528.97	1,983,255.92	2,335,034.96	17.74%
NON-OPERATING REVENUES (EXPENSES)					
CONTRIBUTIONS IN AID OF CONST	12,236.20	5,235.78	57,029.89	10,448.71	-81.68%
RETURN ON INVESTMENT TO READING	(176,060.50)	(182,222.50)	(528,181.50)	(546,667.50)	3.50%
INTEREST INCOME	21,004.46	6,243.16	89,335.96	38,652.41	-56.73%
INTEREST EXPENSE	(4,012.95)	(3,514.53)	(11,868.20)	(8,316.94)	-29.92%
OTHER (MDSE AND AMORT)	10,908.45	10,509.61	55,261.68	23,842.91	-56.85%
TOTAL NONOPERATING REV (EXP)	(135,924.34)	(163,748.48)	(338,422.17)	(482,040.41)	42.44%
CHANGE IN NET ASSETS	1,679,328.07	1,635,780.49	1,644,833.75	1,852,994.55	12.66%
NET ASSETS AT BEGINNING OF YEAR			87,623,028.69	88,070,125.81	0.51%
NET ASSETS AT END OF SEPTEMBER			89,267,862.44	89,923,120.36	0.73%

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
BUSINESS-TYPE PROPRIETARY FUND  
STATEMENT OF REVENUES, EXPENSES AND CHANGES IN FUND NET ASSETS  
9/30/09

	ACTUAL YEAR TO DATE	BUDGET YEAR TO DATE	VARIANCE*	% CHANGE
OPERATING REVENUES: (SCH F P.11B)				
BASE REVENUE	10,805,012.92	11,393,549.00	(588,536.08)	-5.17%
FUEL REVENUE	12,353,548.51	12,167,656.00	185,892.51	1.53%
PURCHASED POWER CAPACITY	675,099.29	900,000.00	(224,900.71)	-24.99%
FORFEITED DISCOUNTS	205,263.69	250,659.00	(45,395.31)	-18.11%
ENERGY CONSERVATION REVENUE	152,304.76	171,092.00	(18,787.24)	-10.98%
PASNY CREDIT	(70,618.33)	0.00	(70,618.33)	100.00%
TOTAL OPERATING REVENUES	24,120,610.84	24,882,956.00	(762,345.16)	-3.06%
OPERATING EXPENSES: (SCH G P.12A)				
PURCHASED POWER BASE	7,421,401.77	7,239,385.00	182,016.77	2.51%
PURCHASED POWER FUEL	11,096,051.29	12,167,656.00	(1,071,604.71)	-8.81%
OPERATING MAINTENANCE	1,677,027.46	2,170,325.00	(493,297.54)	-22.73%
DEPRECIATION	437,278.02	537,175.00	(99,896.98)	-18.60%
VOLUNTARY PAYMENTS TO TOWNS	840,317.34	847,500.00	(7,182.66)	-0.85%
	313,500.00	313,500.00	0.00	0.00%
TOTAL OPERATING EXPENSES	21,785,575.88	23,275,541.00	(1,489,965.12)	-6.40%
OPERATING INCOME	2,335,034.96	1,607,415.00	727,619.96	45.27%
NONOPERATING REVENUES (EXPENSES)				
CONTRIBUTIONS IN AID OF CONST	10,448.71	100,000.00	(89,551.29)	-89.55%
RETURN ON INVESTMENT TO READING	(546,667.50)	(546,675.00)	7.50	0.00%
INTEREST INCOME	38,652.41	112,500.00	(73,847.59)	-65.64%
INTEREST EXPENSE	(8,316.94)	(8,194.00)	(122.94)	1.50%
OTHER (MDSE AND AMORT)	23,842.91	29,625.00	(5,782.09)	-19.52%
TOTAL NONOPERATING REV (EXP)	(482,040.41)	(312,744.00)	(169,296.41)	54.13%
CHANGE IN NET ASSETS	1,852,994.55	1,294,671.00	558,323.55	43.12%
NET ASSETS AT BEGINNING OF YEAR	88,070,125.81	88,070,125.81	0.00	0.00%
NET ASSETS AT END OF SEPTEMBER	89,923,120.36	89,364,796.81	558,323.55	0.62%

\* ( ) = ACTUAL UNDER BUDGET

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
RECONCILIATION OF CAPITAL FUNDS  
9/30/09

SOURCE OF CAPITAL FUNDS:

DEPRECIATION FUND BALANCE 7/1/09	4,403,129.56
CONSTRUCTION FUND BALANCE 7/1/09	1,000,000.00
INTEREST ON DEPRECIATION FUND FY 10	8,524.72
DEPRECIATION TRANSFER FY 10	840,317.34
FORCED ACCOUNTS REIMBURSEMENT	0.00
GAW SUBSTATION (FY 10)	<u>231,441.00</u>
 TOTAL SOURCE OF CAPITAL FUNDS	 6,483,412.62

USE OF CAPITAL FUNDS:

PAID ADDITIONS TO PLANT THRU SEPTEMBER	727,189.04
PAID ADDITIONS TO GAW THRU SEPTEMBER	231,441.00
GENERAL LEDGER CAPITAL FUNDS BALANCE 9/30/09	<u><u>5,524,782.58</u></u>

PAID ADDITIONS TO GAW FROM FY 09	3,136,764.00
PAID ADDITIONS TO GAW FROM FY 08	1,895,975.00
TOTAL	<u><u>5,032,739.00</u></u>

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
SALES OF KILOWATT HOURS  
9/30/09

	MONTH LAST YEAR	MONTH CURRENT YEAR	LAST YEAR TO DATE	CURRENT YEAR TO DATE	YTD % CHANGE
SALES OF ELECTRICITY:					
RESIDENTIAL SALES	21,378,686	23,692,725	73,580,543	70,626,721	-4.01%
COMM. AND INDUSTRIAL SALES	42,043,295	38,854,473	123,942,276	112,328,783	-9.37%
PRIVATE STREET LIGHTING	70,813	70,628	214,203	212,697	-0.70%
TOTAL PRIVATE CONSUMERS	<u>63,492,794</u>	<u>62,617,826</u>	<u>197,737,022</u>	<u>183,168,201</u>	-7.37%
MUNICIPAL SALES:					
STREET LIGHTING	241,511	237,183	724,493	711,549	-1.79%
MUNICIPAL BUILDINGS	925,116	895,898	4,405,350	2,554,615	-42.01%
TOTAL MUNICIPAL CONSUMERS	<u>1,166,627</u>	<u>1,133,081</u>	<u>5,129,843</u>	<u>3,266,164</u>	-36.33%
SALES FOR RESALE	297,494	349,866	1,024,498	970,585	-5.26%
SCHOOL	0	1,101,901	0	2,969,480	100.00%
TOTAL KILOWATT HOURS SOLD	<u>64,956,915</u>	<u>65,202,674</u>	<u>203,891,363</u>	<u>190,374,430</u>	-6.63%

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
KILOWATT HOURS SOLD BY TOWN  
9/30/09

MONTH	TOTAL	READING	LYNNFIELD	NO. READING	WILMINGTON
RESIDENTIAL	23,692,725	7,870,066	2,829,130	6,143,582	6,849,947
COMM & IND	38,854,473	4,797,718	334,850	6,258,812	27,463,093
PVT ST LIGHTS	70,628	14,171	1,360	20,689	34,408
PUB ST LIGHTS	237,183	78,631	32,851	39,688	86,013
MUNI BLDGS	895,898	219,333	157,243	182,622	336,700
SALES/RESALE	349,866	349,866	0	0	0
SCHOOL	1,101,901	415,735	242,575	115,240	328,351
TOTAL	65,202,674	13,745,520	3,598,009	12,760,633	35,098,512

YEAR TO DATE					
RESIDENTIAL	70,626,721	21,595,561	10,438,657	16,374,729	22,217,774
COMM & IND	112,328,783	13,941,101	919,109	17,495,037	79,973,536
PVT ST LIGHTS	212,697	42,869	4,080	62,331	103,417
PUB ST LIGHTS	711,549	235,893	98,553	119,064	258,039
MUNI BLDGS	2,554,615	626,549	438,878	510,915	978,273
SALES/RESALE	970,585	970,585	0	0	0
SCHOOL	2,969,480	1,158,252	656,673	327,160	827,395
TOTAL	190,374,430	38,570,810	12,555,950	34,889,236	104,358,434

LAST YEAR TO DATE					
RESIDENTIAL	73,580,543	22,947,629	10,890,909	17,017,819	22,724,186
COMM & IND	128,347,626	16,911,809	2,087,933	22,473,209	86,874,675
PVT ST LIGHTS	214,203	41,217	4,120	66,407	102,459
PUB ST LIGHTS	724,493	249,351	98,553	118,658	257,931
MUNI BLDGS	0	0	0	0	0
SALES/RESALE	1,024,498	1,024,498	0	0	0
SCHOOL	0	0	0	0	0
TOTAL	203,891,363	41,174,504	13,081,515	39,676,093	109,959,251

KILOWATT HOURS SOLD TO TOTAL					
MONTH	TOTAL	READING	LYNNFIELD	NO. READING	WILMINGTON
RESIDENTIAL	36.34%	12.07%	4.34%	9.42%	10.51%
COMM & IND	59.59%	7.36%	0.51%	9.60%	42.12%
PVT ST LIGHTS	0.11%	0.02%	0.00%	0.03%	0.06%
PUB ST LIGHTS	0.36%	0.12%	0.05%	0.06%	0.13%
MUNI BLDGS	1.37%	0.34%	0.24%	0.28%	0.51%
SALES/RESALE	0.54%	0.54%	0.00%	0.00%	0.00%
SCHOOL	1.69%	0.64%	0.37%	0.18%	0.50%
TOTAL	100.00%	21.09%	5.51%	19.57%	53.83%

YEAR TO DATE					
RESIDENTIAL	37.10%	11.34%	5.48%	8.60%	11.68%
COMM & IND	59.01%	7.32%	0.48%	9.19%	42.02%
PVT ST LIGHTS	0.11%	0.02%	0.00%	0.03%	0.06%
PUB ST LIGHTS	0.37%	0.12%	0.05%	0.06%	0.14%
MUNI BLDGS	1.34%	0.33%	0.23%	0.27%	0.51%
SALES/RESALE	0.51%	0.51%	0.00%	0.00%	0.00%
SCHOOL	1.56%	0.61%	0.34%	0.17%	0.44%
TOTAL	100.00%	20.25%	6.58%	18.32%	54.85%

LAST YEAR TO DATE					
RESIDENTIAL	36.09%	11.25%	5.34%	8.35%	11.15%
COMM & IND	62.94%	8.29%	1.02%	11.02%	42.61%
PVT ST LIGHTS	0.11%	0.02%	0.00%	0.03%	0.06%
PUB ST LIGHTS	0.36%	0.12%	0.05%	0.06%	0.13%
MUNI BLDGS	0.00%	0.00%	0.00%	0.00%	0.00%
SALES/RESALE	0.50%	0.50%	0.00%	0.00%	0.00%
SCHOOL	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	100.00%	20.18%	6.41%	19.46%	53.95%



TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
FORMULA INCOME  
9/30/09

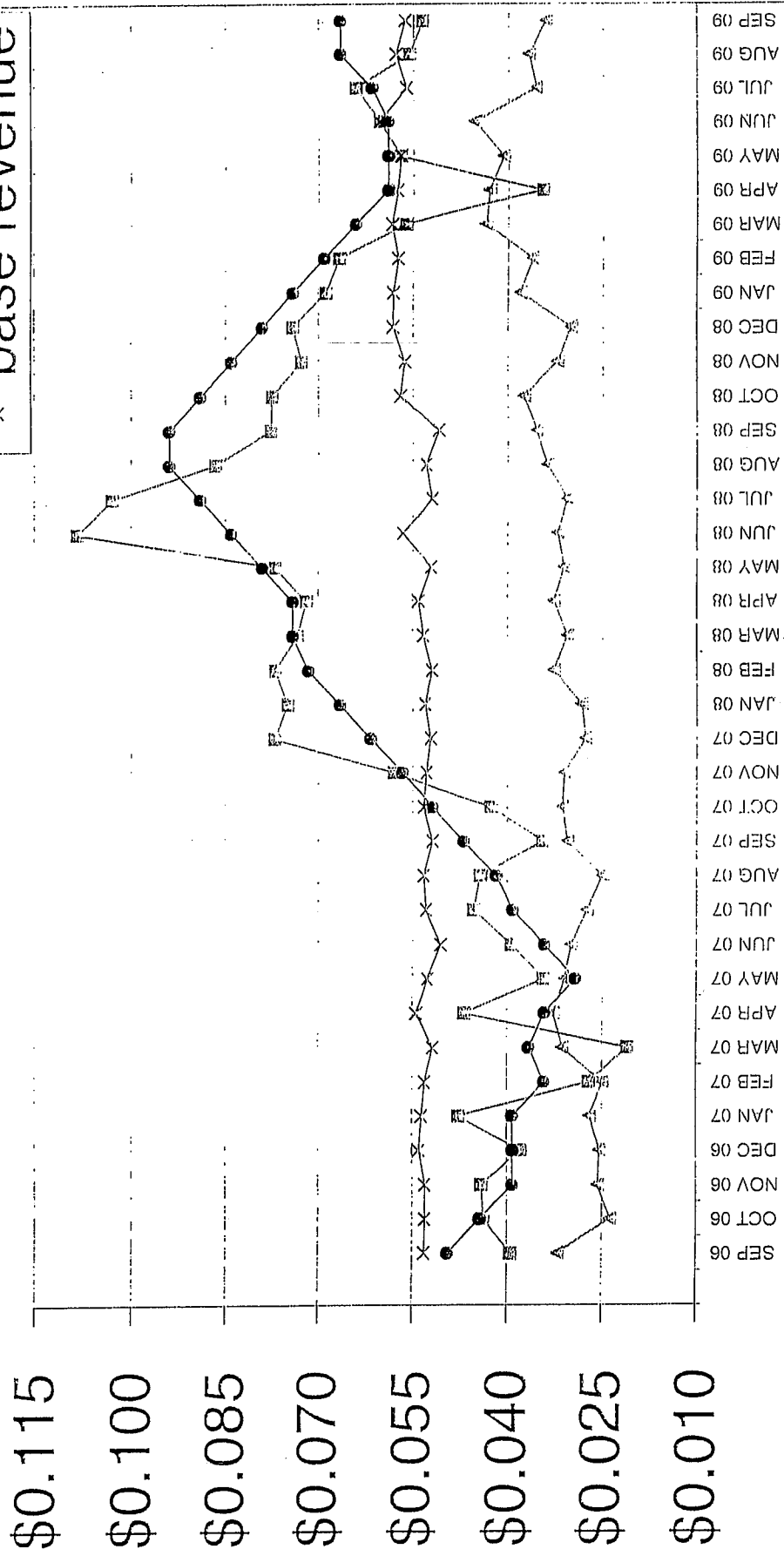
TOTAL OPERATING REVENUES	(P.3)	24,120,610.84
ADD:		
POLE RENTAL		0.00
INTEREST INCOME ON CUSTOMER DEPOSITS		860.42
LESS:		
OPERATING EXPENSES	(P.3)	(21,785,575.88)
BOND INTEREST EXPENSE		(4,445.77)
CUSTOMER DEPOSIT INTEREST EXPENSE		(3,871.17)
FORMULA INCOME (LOSS)		<u>2,327,578.44</u>

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
GENERAL STATISTICS  
9/30/09

		MONTH OF SEP 2008	MONTH OF SEP 2009	% CHANGE 2008      2009		YEAR SEP 2008	THRU SEP 2009
SALE OF KWH	(P.5)	64,956,915	65,202,674	-1.01%	-6.63%	203,891,363	190,374,430
KWH PURCHASED		60,996,650	55,562,196	-2.08%	-5.07%	202,291,338	192,027,268
AVE BASE COST PER KWH		0.035471	0.044545	20.40%	16.93%	0.033052	0.038648
AVE BASE SALE PER KWH		0.050647	0.056323	-1.36%	9.65%	0.051761	0.056757
AVE COST PER KWH		0.113112	0.098061	78.31%	-21.62%	0.123032	0.096431
AVE SALE PER KWH		0.144642	0.122820	51.66%	-15.55%	0.144047	0.121647
FUEL CHARGE REVENUE (P.3)		6,105,632.95	4,335,754.22	114.93%	-34.35%	18,816,321.21	12,353,548.51
LOAD FACTOR		59.88%	72.85%				
PEAK LOAD		139,540	104,481				

# kwh analysis

- base cost
- fuel cost
- fuel revenue
- base revenue



TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
SCHEDULE OF CASH AND INVESTMENTS  
9/30/09

SCHEDULE A

	PREVIOUS YEAR	CURRENT YEAR
UNRESTRICTED CASH		
CASH - OPERATING FUND	9,001,392.18	4,285,835.90
CASH - PETTY CASH	3,000.00	3,000.00
	<u>9,004,392.18</u>	<u>4,288,835.90</u>
TOTAL UNRESTRICTED CASH		
RESTRICTED CASH		
CASH - DEPRECIATION FUND	3,746,008.08	5,008,575.87
CASH - CONSTRUCTION FUND	1,029,707.82	516,206.71
CASH - TOWN PAYMENT	830,400.00	860,175.00
CASH - BOND PAYMENTS	145,200.00	0.00
CASH - DEFERRED FUEL RESERVE	1,519,540.87	2,926,273.14
CASH - RATE STABILIZATION FUND	3,203,678.35	2,357,417.40
CASH - UNCOLLECTIBLE ACCTS RESERVE	28,988.15	28,988.15
CASH - SICK LEAVE BENEFITS	1,210,921.47	1,380,148.16
CASH - INSURANCE RESERVE	35,251.72	35,251.72
CASH - HAZARD WASTE RESERVE	150,000.00	150,000.00
CASH - CUSTOMER DEPOSITS	483,431.29	493,602.07
	<u>12,383,127.75</u>	<u>13,756,638.22</u>
TOTAL RESTRICTED CASH		
RESTRICTED INVESTMENTS		
RATE STABILIZATION *	2,900,000.00	2,900,000.00
SICK LEAVE BENEFITS **	1,500,000.00	1,500,000.00
	<u>4,400,000.00</u>	<u>4,400,000.00</u>
TOTAL RESTRICTED INVESTMENTS		
	<u>25,787,519.93</u>	<u>22,445,474.12</u>
TOTAL CASH BALANCE		

SEPTEMBER 2008

* FED HOME LOAN MTG CORP	1,500,000.00;	DTD 12/13/07; INT 4.35%; MATURITY 12/15/12
* FED HOME LOAN MTG CORP	1,400,000.00;	DTD 05/08/08; INT 4.00%; MATURITY 11/15/13
** FED HOME LOAN MTG CORP	500,000.00;	DTD 01/17/08; INT 4.25%; MATURITY 07/15/13
** FED HOME LOAN MTG CORP	500,000.00;	DTD 01/25/08; INT 4.25%; MATURITY 01/15/15
** FED HOME LOAN MTG CORP	500,000.00;	DTD 11/13/07; INT 5.25%; MATURITY 11/13/17

SEPTEMBER 2009

* FED HOME LOAN MTG CORP	1,400,000.00;	DTD 05/08/08; INT 3.50%; MATURITY 11/15/13
FED HOME LOAN MTG CORP	1,500,000.00;	DTD 01/23/09; INT 2.00%; MATURITY 01/15/13
** FED HOME LOAN MTG CORP	500,000.00;	DTD 01/23/09; INT 2.00%; MATURITY 01/15/13
FED HOME LOAN MTG CORP	500,000.00;	DTD 01/25/08; INT 4.25%; MATURITY 01/15/15
FED NATIONAL MTG ASSN	500,000.00;	DTD 11/13/07; INT 5.25%; MATURITY 11/13/17

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
SCHEDULE OF ACCOUNTS RECEIVABLE  
9/30/09

SCHEDULE B

SCHEDULE OF ACCOUNTS RECEIVABLE	PREVIOUS YEAR	CURRENT YEAR
RESIDENTIAL AND COMMERCIAL	5,894,260.98	5,829,701.14
ACCOUNTS RECEIVABLE - OTHER	283,106.48	223,187.95
ACCOUNTS RECEIVABLE - LIENS	49,868.13	98,922.67
ACCOUNTS RECEIVABLE - EMPLOYEE ADVANCES	1,067.16	1,067.16
SALES DISCOUNT LIABILITY	(261,720.73)	(312,778.86)
RESERVE FOR UNCOLLECTIBLE ACCOUNTS	(190,325.19)	(200,224.79)
TOTAL ACCOUNTS RECEIVABLE BILLED	<u>5,776,256.83</u>	<u>5,639,875.27</u>
UNBILLED ACCOUNTS RECEIVABLE	4,762,361.75	4,172,944.58
TOTAL ACCOUNTS RECEIVABLE, NET	<u>10,538,618.58</u>	<u>9,812,819.85</u>

SCHEDULE OF PREPAYMENTS

PREPAID INSURANCE	673,350.71	732,103.82
PREPAYMENT PURCHASED POWER	126,100.29	79,939.99
PREPAYMENT PASNY	368,017.40	324,535.66
PREPAYMENT WATSON	0.00	126,381.18
TOTAL PREPAYMENT	<u>1,167,468.40</u>	<u>1,262,960.65</u>

\* ACCOUNTS RECEIVABLE AGING SEPTEMBER 2009:

RESIDENTIAL AND COMMERCIAL	5,829,701.14
LESS: SALES DISCOUNT LIABILITY	<u>(312,778.86)</u>
GENERAL LEDGER BALANCE	<u>5,516,922.28</u>

CURRENT	4,810,129.04	87.20%
30 DAYS	480,151.59	8.70%
60 DAYS	128,802.59	2.33%
90 DAYS	32,185.86	0.58%
OVER 90 DAYS	65,653.20	1.19%
TOTAL	<u>5,516,922.28</u>	<u>100.00%</u>

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
SCHEDULE OF OPERATING REVENUE  
9/30/09

SCHEDULE D

	MONTH LAST YEAR	MONTH CURRENT YEAR	LAST YEAR TO DATE	CURRENT YEAR TO DATE	YTD % CHANGE
SALES OF ELECTRICITY:					
RESIDENTIAL SALES	3,350,642.82	3,194,028.75	11,412,679.42	9,428,580.56	-17.39%
COMM AND INDUSTRIAL SALES	5,662,063.04	4,460,485.98	16,819,970.77	12,749,647.95	-24.20%
PRIVATE STREET LIGHTING	12,331.15	10,574.80	37,006.84	31,471.77	-14.96%
TOTAL PRIVATE CONSUMERS	<u>9,025,037.01</u>	<u>7,665,089.53</u>	<u>28,269,657.03</u>	<u>22,209,700.28</u>	-21.44%
MUNICIPAL SALES:					
STREET LIGHTING	53,447.44	46,979.43	159,445.82	139,880.26	-12.27%
MUNICIPAL BUILDINGS	267,566.69	110,438.24	772,292.05	311,892.57	-59.61%
TOTAL MUNICIPAL CONSUMERS	<u>321,014.13</u>	<u>157,417.67</u>	<u>931,737.87</u>	<u>451,772.83</u>	-51.51%
SALES FOR RESALE	49,441.38	44,990.60	168,496.51	123,636.97	-26.62%
SCHOOL	<u>0.00</u>	<u>140,698.25</u>	<u>0.00</u>	<u>373,451.35</u>	100.00%
SUB-TOTAL	9,395,492.52	8,008,196.05	29,369,891.41	23,158,561.43	-21.15%
FORFEITED DISCOUNTS	78,104.32	75,978.81	218,422.68	205,263.69	-6.02%
PURCHASED POWER CAPACITY	615,744.93	345,388.37	1,003,255.22	675,099.29	-32.71%
ENERGY CONSERVATION - RESIDENTIAL	0.00	11,850.66	0.00	35,329.68	100.00%
ENERGY CONSERVATION - COMMERCIAL	0.00	40,549.50	0.00	116,975.08	100.00%
PASNY CREDIT	0.00	(31,274.85)	0.00	(70,618.33)	100.00%
TOTAL REVENUE	<u>10,089,341.77</u>	<u>8,450,688.54</u>	<u>30,591,569.31</u>	<u>24,120,610.84</u>	-21.15%

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
SCHEDULE OF OPERATING REVENUE BY TOWN  
9/30/09

MONTH	TOTAL	READING	LYNNFIELD	NO. READING	WILMINGTON
RESIDENTIAL	3,194,028.75	1,062,220.10	381,364.29	826,172.53	924,271.83
INDUS/MUNI BLDG	4,570,924.22	603,083.29	59,492.81	750,028.03	3,158,320.09
PUB. ST. LIGHTS	46,979.43	16,261.39	5,825.42	7,795.76	17,096.86
PRV. ST. LIGHTS	10,574.80	2,073.61	204.00	3,236.31	5,060.88
CO-OP RESALE	44,990.60	44,990.60	0.00	0.00	0.00
SCHOOL	140,698.25	52,619.48	30,478.69	15,683.96	41,916.12
TOTAL	<u>8,008,196.05</u>	<u>1,781,248.47</u>	<u>477,365.21</u>	<u>1,602,916.59</u>	<u>4,146,665.78</u>

THIS YEAR TO DATE

RESIDENTIAL	9,428,580.56	2,890,163.32	1,385,556.37	2,192,775.65	2,960,085.22
INDUS/MUNI BLDG	13,061,540.53	1,727,260.58	164,511.34	2,070,841.14	9,098,927.46
PUB. ST. LIGHTS	139,880.26	48,433.41	17,329.71	23,210.25	50,906.89
PRV. ST. LIGHTS	31,471.76	6,207.22	605.33	9,648.09	15,011.13
CO-OP RESALE	123,636.97	123,636.97	0.00	0.00	0.00
SCHOOL	373,451.35	144,469.44	80,686.89	43,572.68	104,722.34
TOTAL	<u>23,158,561.43</u>	<u>4,940,170.94</u>	<u>1,648,689.62</u>	<u>4,340,047.82</u>	<u>12,229,653.05</u>

LAST YEAR TO DATE

RESIDENTIAL	11,412,679.42	3,569,578.28	1,681,322.44	2,641,842.46	3,519,936.24
INDUS/MUNI BLDG	17,592,262.82	2,387,232.92	299,789.01	3,083,764.30	11,821,476.59
PUB. ST. LIGHTS	159,445.82	56,435.65	19,755.66	26,027.70	57,226.81
PRV. ST. LIGHTS	37,006.84	7,010.43	718.80	11,919.53	17,358.08
CO-OP RESALE	168,496.51	168,496.51	0.00	0.00	0.00
SCHOOL	0.00				
TOTAL	<u>29,369,891.41</u>	<u>6,188,753.79</u>	<u>2,001,585.91</u>	<u>5,763,553.99</u>	<u>15,415,997.72</u>

PERCENTAGE OF OPERATING INCOME TO TOTAL

MONTH	TOTAL	READING	LYNNFIELD	NO. READING	WILMINGTON
RESIDENTIAL	39.88%	13.26%	4.76%	10.32%	11.54%
INDUS/MUNI BLDG	57.08%	7.53%	0.74%	9.37%	39.44%
PUB. ST. LIGHTS	0.59%	0.20%	0.07%	0.10%	0.21%
PRV. ST. LIGHTS	0.13%	0.03%	0.00%	0.04%	0.06%
CO-OP RESALE	0.56%	0.56%	0.00%	0.00%	0.00%
SCHOOL	1.76%	0.66%	0.38%	0.20%	0.52%
TOTAL	<u>100.00%</u>	<u>22.24%</u>	<u>5.96%</u>	<u>20.02%</u>	<u>51.78%</u>

THIS YEAR TO DATE

RESIDENTIAL	40.71%	12.48%	5.98%	9.47%	12.78%
INDUS/MUNI BLDG	56.41%	7.46%	0.71%	8.94%	39.30%
PUB. ST. LIGHTS	0.60%	0.21%	0.07%	0.10%	0.22%
PRV. ST. LIGHTS	0.14%	0.03%	0.00%	0.04%	0.07%
CO-OP RESALE	0.53%	0.53%	0.00%	0.00%	0.00%
SCHOOL	1.61%	0.62%	0.35%	0.19%	0.45%
TOTAL	<u>100.00%</u>	<u>21.33%</u>	<u>7.11%</u>	<u>18.74%</u>	<u>52.82%</u>

LAST YEAR TO DATE

RESIDENTIAL	38.86%	12.15%	5.72%	9.00%	11.99%
INDUS/MUNI BLDG	59.90%	8.13%	1.02%	10.50%	40.25%
PUB. ST. LIGHTS	0.54%	0.19%	0.07%	0.09%	0.19%
PRV. ST. LIGHTS	0.13%	0.03%	0.00%	0.04%	0.06%
CO-OP RESALE	0.57%	0.57%	0.00%	0.00%	0.00%
SCHOOL	0.00%	0.00%	0.00%	0.00%	0.00%
TOTAL	<u>100.00%</u>	<u>21.07%</u>	<u>6.81%</u>	<u>19.63%</u>	<u>52.49%</u>

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
BUDGETED REVENUE VARIANCE REPORT  
9/30/09

SCHEDULE F

	ACTUAL YEAR TO DATE	BUDGET YEAR TO DATE	VARIANCE *	% CHANGE
SALES OF ELECTRICITY:				
RESIDENTIAL	4,839,551.39	4,769,037.00	70,514.39	1.48%
COMM AND INDUSTRIAL SALES PRIVATE STREET LIGHTING MUNICIPAL BUILDINGS	5,630,327.26	6,215,549.00	(585,221.74)	-9.42%
PUBLIC STREET LIGHTING	93,748.23	129,819.00	(36,070.77)	-27.79%
SALES FOR RESALE	60,454.07	66,516.00	(6,061.93)	-9.11%
SCHOOL	<u>180,931.97</u>	<u>212,628.00</u>	<u>(31,696.03)</u>	-14.91%
TOTAL BASE SALES	10,805,012.92	11,393,549.00	(588,536.08)	-5.17%
TOTAL FUEL SALES	<u>12,353,548.51</u>	<u>12,167,656.00</u>	<u>185,892.51</u>	1.53%
TOTAL OPERATING REVENUE	23,158,561.43	23,561,205.00	(402,643.57)	-1.71%
FORFEITED DISCOUNTS	205,263.69	250,659.00	(45,395.31)	-18.11%
PURCHASED POWER CAPACITY	675,099.29	900,000.00	(224,900.71)	-24.99%
ENERGY CONSERVATION - RESIDENTIAL	35,329.68	51,327.00	(15,997.32)	-31.17%
ENERGY CONSERVATION - COMMERCIAL	116,975.08	119,765.00	(2,789.92)	-2.33%
PASNY CREDIT	(70,618.33)	0.00	(70,618.33)	100.00%
TOTAL OPERATING REVENUES	<u><u>24,120,610.84</u></u>	<u><u>24,882,956.00</u></u>	<u><u>(762,345.16)</u></u>	-3.06%

\* ( ) = ACTUAL UNDER BUDGET



TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
SCHEDULE OF OPERATING EXPENSES  
9/30/09

SCHEDULE E

OPERATION EXPENSES:	MONTH LAST YEAR	MONTH CURRENT YEAR	LAST YEAR TO DATE	CURRENT YEAR TO DATE	YTD % CHANGE
PURCHASED POWER BASE EXPENSE	2,163,583.72	2,475,027.86	6,686,196.55	7,421,401.77	11.00%
OPERATION SUPER AND ENGIN-TRANS	0.00	0.00	0.00	0.00	0.00%
OPERATION SUP AND ENGINEERING EXP	32,066.75	39,316.66	100,529.80	88,304.22	-12.16%
STATION SUP LABOR AND MISC	9,048.76	3,041.18	24,854.47	3,792.34	-84.74%
LINE MISC LABOR AND EXPENSE	36,881.25	40,259.95	140,438.23	147,202.51	4.82%
STATION LABOR AND EXPENSE	50,885.35	51,883.41	130,042.56	126,194.80	-2.96%
STREET LIGHTING EXPENSE	4,313.63	4,444.35	11,023.53	9,459.02	-14.19%
METER EXPENSE	44,524.56	40,045.93	102,756.55	90,347.54	-12.08%
MISC DISTRIBUTION EXPENSE	36,536.98	29,133.18	86,267.52	76,521.87	-11.30%
METER READING LABOR & EXPENSE	5,745.76	5,858.55	20,812.83	22,726.60	9.20%
ACCT & COLL LABOR & EXPENSE	157,829.19	108,645.76	399,876.48	323,359.74	-19.14%
UNCOLLECTIBLE ACCOUNTS	10,400.00	12,500.00	31,200.00	37,500.00	20.19%
ENERGY AUDIT EXPENSE	64,059.48	46,996.66	131,892.09	112,734.47	-14.53%
ADMIN & GEN SALARIES	88,676.36	71,662.11	202,348.38	186,741.64	-7.71%
OFFICE SUPPLIES & EXPENSE	26,087.85	30,205.39	60,422.36	55,263.89	-8.54%
OUTSIDE SERVICES	28,044.67	45,557.27	52,672.24	55,038.22	0.00%
PROPERTY INSURANCE	26,282.19	34,055.43	78,846.57	96,095.25	21.88%
INJURIES AND DAMAGES	5,429.66	7,965.14	15,869.74	14,088.43	-11.22%
EMPLOYEES PENSIONS & BENEFITS	85,485.70	(20,088.10)	322,641.95	101,203.32	-68.63%
MISC GENERAL EXPENSE	11,610.20	14,438.29	37,655.12	35,634.43	-5.37%
RENT EXPENSE	14,283.12	14,001.46	41,975.46	41,415.37	-1.33%
ENERGY CONSERVATION	0.00	21,587.60	0.00	53,403.80	100.00%
TOTAL OPERATION EXPENSES	738,191.46	601,510.22	1,992,125.88	1,677,027.46	-15.82%
MAINTENANCE EXPENSES:					
MAINT OF TRANSMISSION PLANT	227.08	227.08	681.24	681.24	0.00%
MAINT OF STRUCT AND EQUIPMT	37,543.74	10,906.27	99,769.51	14,228.32	-85.74%
MAINT OF LINES - OH	167,966.55	109,869.01	319,665.83	210,658.76	-34.10%
MAINT OF LINES - UG	9,931.21	21,228.33	34,985.39	34,975.99	-0.03%
MAINT OF LINE TRANSFORMERS	6,889.65	16,550.27	23,958.34	27,387.21	14.31%
MAINT OF ST LT & SIG SYSTEM	32.36	(19.01)	9.21	(87.81)	-1053.42%
MAINT OF GARAGE AND STOCKROOM	43,636.71	50,749.36	139,583.02	128,670.88	-7.82%
MAINT OF METERS	0.00	0.00	0.00	531.31	100.00%
MAINT OF GEN PLANT	8,271.18	7,052.36	23,377.38	20,232.12	-13.45%
TOTAL MAINTENANCE EXPENSES	274,498.48	216,563.67	642,029.92	437,278.02	-31.89%
DEPRECIATION EXPENSE	261,200.00	280,105.78	783,600.00	840,317.34	7.24%
PURCHASED POWER FUEL EXPENSE	4,735,865.70	2,973,452.04	18,202,111.04	11,096,051.29	-39.04%
VOLUNTARY PAYMENTS TO TOWNS	100,750.00	104,500.00	302,250.00	313,500.00	3.72%
TOTAL OPERATING EXPENSES	8,274,089.36	6,651,159.57	28,608,313.39	21,785,575.88	-23.85%

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
BUDGETED OPERATING EXPENSE VARIANCE REPORT  
9/30/09

SCHEDULE G

	ACTUAL YEAR TO DATE	BUDGET YEAR TO DATE	VARIANCE *	% CHANGE
OPERATION EXPENSES:				
PURCHASED POWER BASE EXPENSE	<u>7,421,401.77</u>	<u>7,239,385.00</u>	<u>182,016.77</u>	2.51%
OPERATION SUPER AND ENGIN-TRANS	0.00	0.00	0.00	0.00%
OPERATION SUP AND ENGINEERING EXP	88,304.22	105,927.00	(17,622.78)	-16.64%
STATION SUP LABOR AND MISC	3,792.34	17,650.00	(13,857.66)	-78.51%
LINE MISC LABOR AND EXPENSE	147,202.51	144,713.00	2,489.51	1.72%
STATION LABOR AND EXPENSE	126,194.80	103,703.00	22,491.80	21.69%
STREET LIGHTING EXPENSE	9,459.02	19,773.00	(10,313.98)	-52.16%
METER EXPENSE	90,347.54	104,396.00	(14,048.46)	-13.46%
MISC DISTRIBUTION EXPENSE	76,521.87	85,141.00	(8,619.13)	-10.12%
METER READING LABOR & EXPENSE	22,726.60	16,581.00	6,145.60	37.06%
ACCT & COLL LABOR & EXPENSE	323,359.74	357,414.00	(34,054.26)	-9.53%
UNCOLLECTIBLE ACCOUNTS	37,500.00	37,500.00	0.00	0.00%
ENERGY AUDIT EXPENSE	112,734.47	273,680.00	(160,945.53)	-58.81%
ADMIN & GEN SALARIES	186,741.64	191,234.00	(4,492.36)	-2.35%
OFFICE SUPPLIES & EXPENSE	55,263.89	66,154.00	(10,890.11)	-16.46%
OUTSIDE SERVICES	55,038.22	111,758.00	(56,719.78)	-50.75%
PROPERTY INSURANCE	96,095.25	110,793.00	(14,697.75)	-13.27%
INJURIES AND DAMAGES	14,088.43	15,348.00	(1,259.57)	-8.21%
EMPLOYEES PENSIONS & BENEFITS	101,203.32	299,340.00	(198,136.68)	-66.19%
MISC GENERAL EXPENSE	35,634.43	56,219.00	(20,584.57)	-36.61%
RENT EXPENSE	41,415.37	53,001.00	(11,585.63)	-21.86%
ENERGY CONSERVATION	53,403.80	0.00	53,403.80	100.00%
TOTAL OPERATION EXPENSES	<u>1,677,027.46</u>	<u>2,170,325.00</u>	<u>(493,297.54)</u>	-22.73%
MAINTENANCE EXPENSES:				
MAINT OF TRANSMISSION PLANT	681.24	750.00	(68.76)	-9.17%
MAINT OF STRUCT AND EQUIPMENT	14,228.32	38,375.00	(24,146.68)	-62.92%
MAINT OF LINES - OH	210,658.76	255,431.00	(44,772.24)	-17.53%
MAINT OF LINES - UG	34,975.99	36,027.00	(1,051.01)	-2.92%
MAINT OF LINE TRANSFORMERS	27,387.21	24,626.00	2,761.21	11.21%
MAINT OF ST LT & SIG SYSTEM	(87.81)	2,456.00	(2,543.81)	-103.58%
MAINT OF GARAGE AND STOCKROOM	128,670.88	149,280.00	(20,609.12)	-13.81%
MAINT OF METERS	531.31	1,205.00	(673.69)	-55.91%
MAINT OF GEN PLANT	20,232.12	29,025.00	(8,792.88)	-30.29%
TOTAL MAINTENANCE EXPENSES	<u>437,278.02</u>	<u>537,175.00</u>	<u>(99,896.98)</u>	-18.60%
DEPRECIATION EXPENSE	840,317.34	847,500.00	(7,182.66)	-0.85%
PURCHASED POWER FUEL EXPENSE	11,096,051.29	12,167,656.00	(1,071,604.71)	-8.81%
VOLUNTARY PAYMENTS TO TOWNS	313,500.00	313,500.00	0.00	0.00%
TOTAL OPERATING EXPENSES	<u>21,785,575.88</u>	<u>23,275,541.00</u>	<u>(1,489,965.12)</u>	-6.40%

\* ( ) = ACTUAL UNDER BUDGET

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
BUDGETED OPERATING EXPENSE VARIANCE REPORT  
9/30/09

OPERATION EXPENSES:	RESPONSIBLE SENIOR MANAGER	2010 ANNUAL BUDGET	ACTUAL YEAR TO DATE	REMAINING BUDGET BALANCE	REMAINING BUDGET %
PURCHASED POWER BASE EXPENSE	JP	<u>26,794,251.00</u>	<u>7,421,401.77</u>	<u>19,372,849.23</u>	72.30%
OPERATION SUPER AND ENGIN-TRANS	KS	0.00	0.00	0.00	0.00%
OPERATION SUP AND ENGINEERING EXP	KS	398,196.00	88,304.22	309,891.78	77.82%
STATION SUP LABOR AND MISC	KS	71,651.00	3,792.34	67,858.66	94.71%
LINE MISC LABOR AND EXPENSE	KS	576,553.00	147,202.51	429,350.49	74.47%
STATION LABOR AND EXPENSE	KS	423,826.00	126,194.80	297,631.20	70.22%
STREET LIGHTING EXPENSE	KS	79,519.00	9,459.02	70,059.98	88.10%
METER EXPENSE	DA	424,973.00	90,347.54	334,625.46	78.74%
MISC DISTRIBUTION EXPENSE	JD	345,498.00	76,521.87	268,976.13	77.85%
METER READING LABOR & EXPENSE	DA	66,772.00	22,726.60	44,045.40	65.96%
ACCT & COLL LABOR & EXPENSE	RF	1,462,217.00	323,359.74	1,138,857.26	77.89%
UNCOLLECTIBLE ACCOUNTS	RF	150,000.00	37,500.00	112,500.00	75.00%
ENERGY AUDIT EXPENSE	JP	1,105,759.00	112,734.47	993,024.53	89.80%
ADMIN & GEN SALARIES	VC	776,201.00	186,741.64	589,459.36	75.94%
OFFICE SUPPLIES & EXPENSE	VC	264,600.00	55,263.89	209,336.11	79.11%
OUTSIDE SERVICES	VC	398,500.00	55,038.22	343,461.78	86.19%
PROPERTY INSURANCE	JD	443,150.00	96,095.25	347,054.75	78.32%
INJURIES AND DAMAGES	JD	60,039.00	14,088.43	45,950.57	76.53%
EMPLOYEES PENSIONS & BENEFITS	JD	1,093,185.00	101,203.32	991,981.68	90.74%
MISC GENERAL EXPENSE	VC	223,038.00	35,634.43	187,403.57	84.02%
RENT EXPENSE	JD	212,000.00	41,415.37	170,584.63	80.46%
ENERGY CONSERVATION	JP	0.00	53,403.80	(53,403.80)	0.00%
TOTAL OPERATION EXPENSES		<u>8,575,677.00</u>	<u>1,677,027.46</u>	<u>6,898,649.54</u>	80.44%
MAINTENANCE EXPENSES:					
MAINT OF TRANSMISSION PLANT	KS	3,000.00	681.24	2,318.76	77.29%
MAINT OF STRUCT AND EQUIPMT	KS	158,859.00	14,228.32	144,630.68	91.04%
MAINT OF LINES - OH	KS	1,060,849.00	210,658.76	850,190.24	80.14%
MAINT OF LINES - UG	KS	144,228.00	34,975.99	109,252.01	75.75%
MAINT OF LINE TRANSFORMERS	KS	93,500.00	27,387.21	66,112.79	70.71%
MAINT OF ST LT & SIG SYSTEM	JD	9,888.00	(87.81)	9,975.81	100.89%
MAINT OF GARAGE AND STOCKROOM	JD	625,632.00	128,670.88	496,961.12	79.43%
MAINT OF METERS	DA	4,863.00	531.31	4,331.69	89.07%
MAINT OF GEN PLANT	RF	116,100.00	20,232.12	95,867.88	82.57%
TOTAL MAINTENANCE EXPENSES		<u>2,216,919.00</u>	<u>437,278.02</u>	<u>1,779,640.98</u>	80.28%
DEPRECIATION EXPENSE	RF	3,390,000.00	840,317.34	2,549,682.66	75.21%
PURCHASED POWER FUEL EXPENSE	JP	42,458,883.00	11,096,051.29	31,362,831.71	73.87%
VOLUNTARY PAYMENTS TO TOWNS	RF	1,254,000.00	313,500.00	940,500.00	75.00%
TOTAL OPERATING EXPENSES		<u>84,689,730.00</u>	<u>21,785,575.88</u>	<u>62,904,154.12</u>	74.28%

TOWN OF READING, MASSACHUSETTS  
MUNICIPAL LIGHT DEPARTMENT  
PROFESSIONAL SERVICES  
9/30/09

PROFESSIONAL SERVICES BY PROJECT

ITEM	DEPARTMENT	ACTUAL	BUDGET	VARIANCE
1 RMLD AND PENSION TRUST AUDIT FEES	ACCOUNTING	24,000.00	33,000.00	(9,000.00)
2 PENSION ACTUARIAL EVALUATION	ACCOUNTING	0.00	5,000.00	(5,000.00)
3 IT CONSULTING	ACCOUNTING	0.00	0.00	0.00
4 LEGAL- FERC/ISO ISSUES	ENERGY SERVICE	0.00	12,501.00	(12,501.00)
5 LEGAL- POWER SUPPLY ISSUES	ENERGY SERVICE	18,410.15	12,501.00	5,909.15
6 PROFESSIONAL SERVICES	ENERGY SERVICE	0.00	12,501.00	(12,501.00)
7 NERC COMPLIANCE	E & O	1,506.25	2,499.00	(992.75)
8 ENGINEERING STUDIES	ENGINEERING	876.57	3,750.00	(2,873.43)
9 LEGAL SERVICES- GENERAL	GM	5,331.33	12,501.00	(7,169.67)
10 LEGAL SERVICES- ARBITRATION	HR	987.06	0.00	987.06
11 LEGAL GENERAL	HR	3,823.31	9,999.00	(6,175.69)
12 LEGAL SERVICES- UNION CONTRACT	HR	103.55	0.00	103.55
13 LEGAL GENERAL	BLDG. MAINT.	0.00	375.00	(375.00)
14 SURVEY RIGHT OF WAY	BLDG. MAINT.	0.00	1,251.00	(1,251.00)
15 ENVIRONMENTAL	BLDG. MAINT.	0.00	1,251.00	(1,251.00)
16 ENGINEERING SERVICES	BLDG. MAINT.	0.00	2,130.00	(2,130.00)
17 LEGAL	GEN. BENEFIT	0.00	2,499.00	(2,499.00)
18 PROPERTY APPRAISAL	GEN. BENEFIT	0.00	0.00	0.00
TOTAL		55,038.22	111,758.00	(56,719.78)

PROFESSIONAL SERVICES BY VENDOR

	ACTUAL
CHOATE HALL AND STEWART	4,913.92
PLM ELECTRIC	876.57
UTILITY SERVICE	1,506.25
DUNCAN AND ALLEN	2,052.16
MELANSON HEATH AND COMPANY	24,000.00
RUBIN AND RUDMAN	21,689.32
TOTAL	55,038.22

RMLD  
BUDGET VARIANCE REPORT  
FOR PERIOD ENDING SEPTEMBER 30, 2009

DIVISION	ACTUAL	BUDGET	VARIANCE	% CHANGE
ENGINEERING AND OPERATIONS	823,315	928,343	(105,028)	-11.31%
ENERGY SERVICES	184,573	311,309	(126,736)	-40.71%
GENERAL MANAGER	157,047	187,592	(30,545)	-16.28%
FACILITY	482,618	745,217	(262,600)	-35.24%
BUSINESS DIVISION	<u>2,175,920</u>	<u>2,251,282</u>	<u>(75,361)</u>	-3.35%
 SUB-TOTAL	 3,823,473	 4,423,743	 (600,270)	 -13.57%
 PURCHASED POWER - BASE	 7,421,402	 7,239,385	 182,017	 2.51%
 PURCHASED POWER - FUEL	 11,096,051	 12,167,656	 (493,614)	 -8.81%
 TOTAL	 <u>22,340,926</u>	 <u>23,830,784</u>	 <u>(911,868)</u>	 -6.25%

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RMLD  
ENGINEERING AND OPERATIONS BUDGET VARIANCE REPORT  
FOR PERIOD ENDING SEPTEMBER 30, 2009

	JUL	AUG	SEP	ACTUAL YTD TOTAL	BUDGET YTD TOTAL	ACT/BUD VARIANCE %
E&O MGR 55						
01-55-5920-101 LABOR REG	12,834	14,016	17,172	44,021	43,809	0.48%
01-55-5920-102 LABOR OT	0	0	0	0	500	-100.00%
01-55-5921-000 OFFICE SUPPLIES	0	0	11	11	249	-95.47%
01-55-5930-103 EE EDUCATION	0	0	1,354	1,354	3,550	-61.87%
01-55-5930-106 VEHICLE	(561)	(314)	(286)	(1,161)	1,325	-187.67%
01-55-5923-000 OUTSIDE SERVICES	0	1,031	475	1,506	2,499	-39.73%
01-55-5930-105 MISC GENERAL	0	0	0	0	300	-100.00%
SUB-TOTAL	12,273	14,733	18,725	45,731	52,232	-12.45%
ENGINEERING 65						
01-65-5580-101 LABOR REG	13,356	30,128	36,193	79,678	77,927	2.25%
01-65-5580-102 LABOR OT	3,502	2,441	1,630	7,573	11,925	-36.49%
01-65-5580-103 EE EDUCATION	0	0	800	800	13,500	-94.07%
01-65-5580-105 SUPPLIES	125	137	922	1,185	1,251	-5.31%
01-65-5580-106 VEHICLE	(450)	(252)	(229)	(931)	1,325	-170.30%
01-65-5921-000 OFFICE SUPPLIES	9	205	92	305	249	22.64%
01-65-5923-000 OUTSIDE SERVICES	0	877	0	877	3,750	-76.62%
SUB-TOTAL	16,541	33,536	39,409	89,486	109,926	-18.59%
LINE 66						
01-66-5568-109 MAINT OF TRANS EXP	227	227	227	681	750	-9.17%
01-66-5581-101 LABOR MISC	46,688	52,011	28,374	127,073	102,961	23.42%
01-66-5581-109 GENERAL EXP	4,321	3,923	8,542	16,786	31,251	-46.29%
01-66-5581-103 EE EDUCATION	0	0	3,343	3,343	10,500	-68.16%
01-66-5585-109 STREET LIGHT EXP	630	907	1,252	2,789	5,001	-44.23%
01-66-5585-101 LABOR REG ST LIGHT	1,261	1,008	1,909	4,178	5,148	-18.84%
01-66-5585-102 LABOR OT ST LIGHT	444	129	344	917	3,000	-69.43%
01-66-5585-106 VEHICLE ST LIGHT	264	372	939	1,574	6,623	-76.23%
01-66-5593-000 MAINT OF LINES	1,288	(799)	1,694	2,183	8,250	-73.54%
01-66-5593-101 LABOR REG MAINT LINE	(630)	28,783	65,052	93,204	79,864	16.70%
01-66-5593-102 LABOR OT MAINT LINE	27,098	21,697	21,170	69,965	60,180	16.26%
01-66-5593-106 VEHICLE MAINT OH LINE	(4,824)	2,615	7,022	4,813	45,037	-89.31%
01-78-5593-110 TREE TRIMMING	6,825	18,737	14,932	40,495	62,099	-34.79%
01-66-5594-109 MAINT UG LINE	1,602	12,307	18,545	32,454	28,941	12.14%
01-66-5594-101 LABOR REG UG LINES	0	349	2,171	2,519	3,470	-27.39%
01-66-5594-102 LABOR OT UG LINE	0	199	0	199	1,251	-84.13%
01-66-5594-106 VEHICLE UG LINE	(561)	(148)	513	(196)	2,366	-108.28%
01-66-5596-109 ST LT & SIG EXP	0	0	0	0	126	-100.00%
01-66-5596-101 LABOR REG ST LT/SG	0	0	0	0	1,542	-100.00%
01-66-5596-102 LABOR OT ST LT/SG	0	0	0	0	126	-100.00%
01-66-5596-106 VEHICLE ST LT/SG	(47)	(22)	(19)	(88)	662	-113.26%
01-66-5921-000 OFFICE SUPPLIES	0	0	0	0	126	-100.00%
SUB-TOTAL	84,587	142,293	176,010	402,890	459,274	-12.28%

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RMLD  
ENGINEERING AND OPERATIONS BUDGET VARIANCE REPORT  
FOR PERIOD ENDING JULY 31, 2009

METER READING	80	JUL	AUG	SEP	ACTUAL YTD TOTAL	BUDGET YTD TOTAL	ACT/BUD VARIANCE %
01-80-5902-101	LABOR REG	8,632	5,861	4,845	19,337	13,843	39.69%
01-80-5902-102	LABOR OT	0	0	0	0	501	-100.00%
01-80-5902-105	SUPPLIES	0	0	0	0	249	-100.00%
01-80-5902-106	VEHICLE	1,204	1,172	1,014	3,389	1,987	70.58%
SUB-TOTAL		9,836	7,032	5,859	22,727	16,580	37.07%
METER TECHNICIANS	67						
01-67-5586-109	METER TECH EXP	210	200	700	1,110	3,000	-63.00%
01-67-5586-101	LABOR REG	20,604	29,921	39,209	89,734	94,171	-4.71%
01-67-5586-102	LABOR OT	615	202	404	1,221	1,251	-2.40%
01-67-5586-103	EE EDUCATION	0	0	0	0	2,000	-100.00%
01-67-5586-106	VEHICLE	(912)	(539)	(267)	(1,718)	3,974	-143.22%
01-67-5921-000	OFFICE SUPPLIES	0	0	0	0	126	-100.00%
SUB-TOTAL		20,517	29,785	40,046	90,348	104,522	-13.56%
STATION	68						
01-68-5581-109	STATION OP	376	376	376	1,127	1,251	-9.93%
01-68-5581-101	LABOR REG SUP	0	0	2,666	2,666	16,399	-83.75%
01-68-5582-109	STATION SUPPLIES	(209)	(273)	(672)	(1,155)	1,875	-161.58%
01-68-5582-101	LABOR REG	21,033	29,719	36,586	87,338	67,357	29.66%
01-68-5582-102	LABOR OT	11,167	12,674	15,489	39,331	30,060	30.84%
01-68-5582-103	EE EDUCATION	0	0	0	0	3,750	-100.00%
01-68-5582-105	SUPPLIES	(5)	468	161	623	0	100.00%
01-68-5582-106	VEHICLE	(168)	(94)	(86)	(348)	662	-152.52%
SUB-TOTAL		32,193	42,869	54,520	129,582	121,355	6.78%
01-68-5590-109	SENIOR TECH EXP	81	64	0	145	3,750	-96.13%
01-68-5590-101	LABOR REG	(4,909)	7,180	10,682	12,954	25,598	-49.40%
01-68-5590-102	LABOR OT	449	448	0	897	3,495	-74.35%
01-68-5590-103	EE EDUCATION	0	0	405	405	3,249	-87.53%
01-68-5590-105	SUPPLIES	106	165	310	581	1,620	-64.13%
01-68-5590-106	VEHICLE	(168)	(94)	(86)	(348)	662	-152.52%
01-68-5595-000	TRANSFORMER MAINT	7,097	3,740	16,550	27,387	24,626	11.21%
01-68-5597-109	MAINT METERS	531	0	0	531	501	6.05%
01-68-5597-101	LABOR REG	0	0	0	0	577	-100.00%
01-68-5597-102	LABOR OT	0	0	0	0	126	-100.00%
01-68-5921-000	OFFICE SUPPLIES	0	0	0	0	249	-100.00%
SUB-TOTAL		3,187	11,504	27,862	42,552	64,454	-33.98%
GRAND TOTAL		179,134	281,752	362,429	823,315	928,343	-11.31%

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RMLD  
BUSINESS DIVISION BUDGET VARAINCE REPORT  
FOR PERIOD ENDING SEPTEMBER 30, 2009

	JUL	AUG	SEP	ACTUAL YTD TOTAL	BUDGET YTD TOTAL	ACT/BUD VARIANCE %
ACCOUNTING 59						
01-59-5903-101 LABOR REG	13,107	16,160	19,395	48,661	47,364	2.74%
01-59-5903-102 LABOR OT	0	0	0	0	100	-100.00%
01-59-5903-103 EE EDUCATION	0	0	0	0	0	0.00%
01-59-5903-105 SUPPLIES	9,571	33,686	595	43,852	66,399	-33.96%
01-59-5921-000 OFFICE SUPPLIES	3,191	20,701	29,833	53,726	60,000	-10.46%
01-59-5923-000 OUTSIDE SERVICES	0	0	24,000	24,000	38,000	-36.84%
SUB-TOTAL	25,869	70,547	73,823	170,239	211,863	-19.65%
CUSTOMER SERVICE 62						
01-62-5903-101 LABOR REG	32,203	42,301	45,245	119,749	124,150	-3.54%
01-62-5903-102 LABOR OT	0	0	0	0	1,000	-100.00%
01-62-5903-103 EE EDUCATION	0	0	0	0	750	-100.00%
01-62-5903-105 SUPPLIES	156	1,391	1,607	3,154	3,750	-15.90%
01-62-5903-106 VEHICLE	(561)	(314)	(286)	(1,161)	1,325	-187.67%
01-62-5903-109 RES ENERGY AUDITS	0	140	(140)	0	0	0.00%
01-62-5904-000 UNCOLLECT ACCOUNTS	12,500	12,500	12,500	37,500	37,500	0.00%
01-62-5921-000 OFFICE SUPPLIES	0	13	106	119	600	-80.10%
SUB-TOTAL	44,298	56,031	59,032	159,361	169,075	-5.75%
MIS 61						
01-61-5903-101 LABOR REG	29,072	34,187	39,909	103,167	103,377	-0.20%
01-62-5903-102 LABOR OT	0	0	0	0	200	-100.00%
01-61-5903-103 EE EDUCATION	0	398	0	398	3,000	-86.73%
01-61-5903-105 SUPPLIES	1,421	1,799	2,321	5,541	6,000	-7.66%
01-61-5935-000 MAINT GEN PLANT	5,289	7,890	7,052	20,232	29,025	-30.29%
01-61-5921-000 OFFICE SUPPLIES	0	692	104	796	3,000	-73.48%
SUB-TOTAL	35,782	44,965	49,386	130,133	144,602	-10.01%
MISCELLANEOUS DEDUCTIONS 57/77						
01-77-5403-000 DEPRECIATION EXP	280,106	280,106	280,106	840,317	847,500	-0.85%
01-77-5408-000 VOLUNTARY PAYMENTS	104,500	104,500	104,500	313,500	313,500	0.00%
01-77-5419-000 INTEREST EXP	1,304	1,277	1,291	3,871	3,750	3.23%
01-77-5426-000 OTHER DEDUCTIONS	182,225	182,220	182,223	546,668	546,675	0.00%
01-77-5427-000 INTEREST EXP BONDS	2,222	0	2,224	4,446	4,444	0.04%
01-77-5428-000 AMORT DEBT EXP	122	122	122	366	375	-2.34%
01-57-5920-101 AC/BUS MGR LABOR REG	174	3,422	3,422	7,019	8,898	-21.11%
01-57-5930-109 AC/BUS MGR MISC GEN	0	0	0	0	600	-100.00%
SUB-TOTAL	570,653	571,647	573,887	1,716,187	1,725,742	-0.55%
GRAND TOTAL	676,602	743,190	756,128	2,175,920	2,251,282	-3.35%



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RMLD  
FACILITY DIVISION BUDGET VARIANCE REPORT  
FOR PERIOD ENDING SEPTEMBER 30, 2009

	JUL	AUG	SEP	ACTUAL YTD TOTAL	BUDGET YTD TOTAL	ACT/BUD VARIANCE %
<b>GENERAL BENEFITS 53</b>						
01-53-5920-101 LABOR REG	5,213	9,412	9,436	24,060	21,928	9.72%
01-53-5921-000 OFFICE SUPPLIES	0	0	0	0	255	-100.00%
01-53-5930-103 EE EDUCATION	501	8	0	509	1,251	-59.29%
01-53-5930-105 SUPPLIES	0	0	25	25	249	-90.02%
01-53-5923-000 OUTSIDE SERVICES	0	0	0	0	2,499	-100.00%
01-53-5924-000 PROPERTY INSURANCE	31,020	31,020	34,055	96,095	110,793	-13.27%
01-53-5925-000 INJURIES & DAMAGES	3,064	3,060	7,965	14,088	15,348	-8.21%
01-53-5926-000 EE PENS & BENEFIT	63,504	57,787	(20,088)	101,203	299,340	-66.19%
01-53-5930-109 MISC GENERAL	0	0	0	0	750	-100.00%
01-53-5931-000 RENT	13,446	13,968	14,001	41,415	53,001	-21.86%
<b>SUB-TOTAL</b>	<b>116,748</b>	<b>115,255</b>	<b>45,394</b>	<b>277,397</b>	<b>505,414</b>	<b>-45.11%</b>
<b>TRANSPORTATION 63</b>						
01-63-5933-109 MISC GENERAL	(160)	(40)	10	(190)	(45,660)	-99.58%
01-63-5933-101 LABOR REG	5,813	1,340	4,868	12,020	14,236	-15.56%
01-63-5933-102 LABOR OT	428	134	294	857	1,950	-56.07%
01-63-5933-103 EE EDUCATION	0	0	0	0	500	-100.00%
01-63-5933-105 SUPPLIES	(33,182)	(16,617)	18,971	(30,829)	95,205	-132.38%
LESS ALLOCATION RECLASS	27,101	15,184	(24,143)	18,142	(66,231)	-127.39%
<b>SUB-TOTAL</b>	<b>(0)</b>	<b>0</b>	<b>0</b>	<b>(0)</b>	<b>0</b>	<b>0.00%</b>
<b>BUILDING MAINTENANCE 64</b>						
01-64-5923-000 OUTSIDE SERVICES	0	0	0	0	5,007	-100.00%
01-64-5932-101 LABOR REG	5,887	10,927	13,274	30,089	31,069	-3.15%
01-64-5932-102 LABOR OT	373	1,108	2,725	4,206	3,000	40.21%
01-64-5932-103 EE EDUCATION	0	0	0	0	500	-100.00%
01-64-5932-105 SUPPLIES	22,749	36,840	34,787	94,376	114,710	-17.73%
<b>SUB-TOTAL</b>	<b>29,009</b>	<b>48,876</b>	<b>50,786</b>	<b>128,671</b>	<b>154,286</b>	<b>-16.60%</b>
<b>MATERIALS MANAGEMENT 60</b>						
01-60-5588-109 MISC DIST EXP	1,071	3,771	3,711	8,553	11,250	-23.98%
01-60-5588-101 LABOR REG	19,372	21,521	24,769	65,662	68,378	-3.97%
01-60-5588-102 LABOR OT	0	0	0	0	999	-100.00%
01-60-5588-103 EE EDUCATION	0	223	0	223	525	-57.52%
01-60-5588-105 SUPPLIES	623	807	654	2,084	3,750	-44.42%
01-60-5588-104 RFP EXPENSES	0	0	0	0	240	-100.00%
01-60-5921-000 OFFICE SUPPLIES	0	28	0	28	375	-92.55%
<b>SUB-TOTAL</b>	<b>21,066</b>	<b>26,350</b>	<b>29,133</b>	<b>76,550</b>	<b>85,517</b>	<b>-10.49%</b>
<b>GRAND TOTAL</b>	<b>166,823</b>	<b>190,481</b>	<b>125,314</b>	<b>482,618</b>	<b>745,217</b>	<b>-35.24%</b>

RMLD  
GENERAL MANAGER DIVISION BUDGET VARIANCE REPORT  
FOR PERIOD ENDING SEPTEMBER 30, 2009  
/

				ACTUAL YTD TOTAL	BUDGET YTD TOTAL	ACT/BUD VARIANCE %
GENERAL MANAGER 51	JUL	AUG	SEP			
01-51-5920-101 LABOR REG	16,146	19,776	22,754	58,676	60,273	-2.65%
01-51-5921-000 OFFICE SUPPLIES	84	110	70	265	624	-57.56%
01-51-5923-000 OUTSIDE SERVICES	0	4,397	934	5,331	12,501	-57.35%
01-51-5930-103 EE EDUCATION	0	0	479	479	2,500	-80.86%
01-51-5930-105 MISC GENERAL	4,364	4,318	4,274	12,956	13,749	-5.77%
01-51-5930-106 VEHICLE	(561)	(314)	(286)	(1,161)	1,325	-187.67%
SUB-TOTAL	20,033	28,287	28,225	76,545	90,972	-15.86%
HUMAN RESOURCES 52						
01-52-5920-101 LABOR REG	8,777	11,327	9,349	29,453	31,021	-5.06%
01-52-5921-000 OFFICE SUPPLIES	0	0	0	0	50	-100.00%
01-52-5923-000 OUTSIDE SERVICES	0	3,176	1,738	4,914	9,999	-50.86%
01-52-5930-103 EE EDUCATION	385	125	(480)	30	1,600	-98.13%
01-52-5930-105 SUPPLIES	0	0	63	63	75	-16.24%
01-52-5930-109 MISC GENERAL	237	1,150	984	2,370	4,160	-43.02%
SUB-TOTAL	9,399	15,778	11,653	36,830	46,905	-21.48%
COMMUNITY RELATIONS 54						
01-54-5920-101 LABOR REG	5,789	8,193	9,318	23,300	23,247	0.23%
01-54-5921-000 OFFICE SUPPLIES	0	0	0	0	125	-100.00%
01-54-5930-109 MISC GENERAL	2,768	6,891	5,147	14,806	20,110	-26.38%
01-54-5930-103 EE EDUCATION	0	0	0	0	0	0.00%
01-54-5930-105 SUPPLIES	0	0	0	0	125	-100.00%
SUB-TOTAL	8,557	15,084	14,465	38,106	43,607	-12.61%
CAB 56						
01-56-5920-101 LABOR REG	0	0	212	212	1,259	-83.17%
01-56-5920-102 LABOR OT	0	0	0	0	300	-100.00%
01-56-5930-109 MISC GENERAL	2,200	0	1,289	3,489	2,175	60.41%
SUB-TOTAL	2,200	0	1,501	3,701	3,734	-0.89%
BOARD 58						
01-58-5930-109 MISC GENERAL	0	0	1,866	1,866	2,375	-21.45%
SUB-TOTAL	0	0	1,866	1,866	2,375	-21.45%
GRAND TOTAL	40,189	59,149	57,710	157,047	187,592	-16.28%

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10/22/2009

RMLD  
ENERGY SERVICES DIVISION BUDGET VARIANCE REPORT  
FOR PERIOD ENDING SEPTEMBER 30, 2009

ENERGY SERVICES	75	JUL	AUG	SEP	ACTUAL YTD TOTAL	BUDGET YTD TOTAL	ACT/BUD VARIANCE %
01-75-5916-000	ENERGY SERV EXP	310	310	7,090	7,710	9,999	-22.89%
01-75-5916-101	LABOR REG	26,544	37,539	39,758	103,841	106,139	-2.16%
01-75-5916-103	EE EDUCATION	0	997	149	1,146	1,250	-8.29%
01-75-5916-109	KEY ACCOUNT	0	37	0	37	1,251	-97.04%
01-75-5921-000	OFFICE SUPPLIES	25	0	0	25	126	-80.49%
01-75-5923-000	OUTSIDE SERVICES	0	0	18,410	18,410	37,503	-50.91%
01-75-5916-402	RES CONSERVE PROG	10,391	13,266	12,576	36,232	56,294	-35.64%
01-75-5916-403	RES CONSERVE OTHER	0	0	0	0	5,249	-100.00%
01-75-5916-502	COMM CONSERVE PROG	620	0	5,242	5,862	81,249	-92.79%
01-75-5916-503	COMM CONSERVE OTHER	3,770	3,770	3,770	11,310	12,249	-7.66%
GRAND TOTAL		41,660	55,919	86,994	184,573	311,309	-40.71%

RMLD  
DEFERRED FUEL CASH RESERVE ANALYSIS  
9/30/09

DATE	GROSS CHARGES	REVENUES	PASNY CREDIT	MONTHLY DEFERRED	TOTAL DEFERRED
Jun-09					1,739,394.25
Jul-09	4,071,238.32	3,748,077.09	(3,440.16)	(326,601.39)	1,412,792.86
Aug-09	4,051,360.93	4,269,717.20	(35,903.32)	182,452.95	1,595,245.81
Sep-09	2,973,452.04	4,335,754.22	(31,274.85)	1,331,027.33	2,926,273.14

RMLD  
STAFFING REPORT  
FOR FISCAL YEAR ENDING JUNE, 2010.

	10 BUD	ACTUAL		
	TOTAL	JUL	AUG	SEP
		09	09	09
<u>GENERAL MANAGER</u>				
GENERAL MANAGER	2	2	2	2
HUMAN RESOURCES	1.5	1.5	1.5	1.5
COMMUNITY RELATIONS	1.5	1.5	1.5	1.5
TOTAL	<u>5</u>	<u>5</u>	<u>5</u>	<u>5</u>
<u>BUSINESS</u>				
ACCOUNTING	2	2	2	2
CUSTOMER SERVICE	9	9	9	9
MGMT INFORMATION SYS	6	6	6	6
MISCELLANEOUS	1	1	1	1
TOTAL	<u>18</u>	<u>18</u>	<u>18</u>	<u>18</u>
<u>ENGINEERING &amp; OPERATIONS</u>				
AGM E&O	2	2	2	2
ENGINEERING	5	5	5	5
LINE	20	18	18	18
METER	7	7	7	7
STATION	9	9	9	10
TOTAL	<u>43</u>	<u>41</u>	<u>41</u>	<u>42</u>
<u>PROJECT</u>				
BUILDING	2	2	2	2
GENERAL BENEFITS	2	2	2	2
TRANSPORTATION	0	0	0	0
MATERIALS MGMT	4	4	4	4
TOTAL	<u>8</u>	<u>8</u>	<u>8</u>	<u>8</u>
<u>ENERGY SERVICES</u>				
ENERGY SERVICES	6	6	6	6
TOTAL	<u>6</u>	<u>6</u>	<u>6</u>	<u>6</u>
RMLD TOTAL	<u>80</u>	<u>78</u>	<u>78</u>	<u>79</u>
 <u>CONTRACTORS</u>				
UG LINE	2	2	2	2
TOTAL	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>
GRAND TOTAL	<u>82</u>	<u>80</u>	<u>80</u>	<u>81</u>

# Reading Municipal Light Department

## Billing Frequency Rate Groupings

For Consumption Billed from September 01, 2009 to September 30, 2009

	<u>Total</u>	<u>Reading</u>	<u>Lynnfield</u>	<u>North Reading</u>	<u>Wilmington</u>
<b><u>Residential</u></b>					
A-Rate	22,893,788	7,567,586	2,749,928	5,950,161	6,626,113
Water Heat	622,523	241,434	52,205	150,106	178,778
<b><u>Residential TOU</u></b>					
Off Peak	114,792	40,152	18,831	25,174	30,635
On Peak	56,923	19,637	8,447	16,301	12,538
Water Heat OFF	4,699	1,257	0	1,840	1,602
Sub-total	23,692,725	7,870,066	2,829,411	6,143,582	6,849,666
<b><u>Commercial</u></b>					
Demand	60,358	12,210	968	11,297	35,882
Energy	17,157,949	3,837,359	296,930	3,096,072	9,927,588
<b><u>COOP Resale</u></b>					
Demand	169	132	0	0	37
Energy	50,220	38,220	0	0	12,000
<b><u>Industrial</u></b>					
Demand	40,273	1,790	65	5,629	32,790
Off Peak	14,670,048	587,480	26,760	2,153,980	11,901,828
On Peak	6,976,256	334,760	11,160	1,008,760	5,621,576
<b><u>Municipal</u></b>					
Demand	3,170	1,070	400	668	1,031
Energy	797,258	219,333	157,243	182,622	238,060
<b><u>Municipal TOU</u></b>					
Off Peak	69,540	0	0	0	69,540
On Peak	29,100	0	0	0	29,100
Sub-total	39,750,371	5,017,152	492,093	6,441,434	27,799,692
<b><u>Other</u></b>					
Private St Lights	70,628	14,171	1,360	20,689	34,408
Public St Lights	237,183	78,631	32,851	39,688	86,013
Resale	349,866	348,450	0	753	663
School Demand	4,145	1,480	811	615	1,240
School Energy	1,101,901	415,735	242,575	115,240	328,351
Sub-total	1,759,578	856,987	276,786	176,370	449,435
<b><u>Total</u></b>					
Demand	108,115	16,683	2,243	18,209	70,980
Consumption	65,202,674	13,744,205	3,598,290	12,761,386	35,098,793

# Reading Municipal Light Department

## Active Accounts by Type of Service

September 2009

	<u>Total</u>	<u>Reading</u>	<u>Lynnfield</u>	<u>N Reading</u>	<u>Wilmington</u>
Co-op Resale	21	19	0	1	1
Industrial TOU	52	6	1	11	34
Municipal Industrial	262	74	60	47	81
Municipal St Lts	30	4	2	10	14
Private Industrial	2,776	731	105	735	1,205
Private St Lts	250	53	8	101	88
Residential	24,756	8,789	2,857	5,565	7,545
Residential Water	648	251	61	139	197
School	31	11	5	5	10
Time of Use	151	57	16	36	42
Time of Use Water	6	3	0	1	2
Total Services	28,983	9,998	3,115	6,651	9,219
Active Accounts	28,600	9,865	3,094	6,563	9,078

TABLE 1

YEAR	AUDIT 2009	2010*	2011	2012	2013
	chg	chg	chg	chg	chg
<b>OPERATING REVENUE:</b>					
SALES OF ELEC - BASE	39,024,319	0.3%	39,145,500	6.6%	41,720,737
SALES OF ELEC - FUEL	52,848,749	-19.3%	42,644,776	4.0%	44,343,743
FORFEITED DISCOUNTS	859,519	-3.6%	828,754	10.8%	917,856
ENERGY CONSERVATION	425,374	100.0%	574,213	2.0%	604,860
PURCHASED POWER ADJUSTMENT	2,222,886	51.9%	3,375,099	2.0%	3,347,360
PASNY CREDIT	(1,121,863)	-94.2%	(70,618)		
<b>TOTAL OPERATING REVENUE</b>	<b>94,167,965</b>	<b>-8.1%</b>	<b>90,934,556</b>	<b>1.9%</b>	<b>92,698,956</b>
					<b>7.9%</b>
<b>OPERATING EXPENSES:</b>					
PURCHASED POWER - BASE	26,370,544	2.3%	26,976,268	-0.6%	26,803,378
PURCHASED POWER - FUEL	50,801,800	-18.5%	41,387,278	7.1%	44,343,743
OPERATION EXPENSE	8,616,956	-6.2%	8,082,377	8.2%	8,747,191
MAINTENANCE EXPENSE	2,402,780	-11.9%	2,117,024	6.8%	2,261,257
DEPRECIATION EXPENSE	3,134,387	7.9%	3,382,817	4.3%	3,527,267
TOWN PAYMENTS	1,207,979	3.8%	1,254,000	8.2%	1,356,582
<b>TOTAL OPERATING EXPENSES</b>	<b>92,534,445</b>	<b>-10.1%</b>	<b>83,195,765</b>	<b>4.6%</b>	<b>87,033,418</b>
					<b>7.9%</b>
<b>TOTAL OPERATING INCOME</b>	<b>1,633,540</b>	<b>101.9%</b>	<b>3,297,958</b>	<b>18.1%</b>	<b>3,895,138</b>
					<b>8.4%</b>
<b>NONOPERATING REVENUES:</b>					
MOUSE AND JOBBING	208,348	-45.2%	114,209	-12.4%	100,000
INTEREST INCOME	398,370	-5.6%	376,152	6.3%	400,000
MMWEC REFUND AND ADVANCE IN AID	378,833	67.7%	635,449	-5.6%	600,000
<b>TOTAL NONOPERATING REVENUES</b>	<b>985,550</b>	<b>14.2%</b>	<b>1,125,811</b>	<b>-2.3%</b>	<b>1,100,000</b>
					<b>0.0%</b>
<b>NONOPERATING EXPENSES:</b>					
CUSTOMER DEPOSIT INTEREST EXP	15,366	-1.6%	15,123	-0.8%	15,000
BOND INTEREST EXP	31,029	-85.7%	4,444	0.0%	0
AMORTIZATION OF DEBT EXP	3,915	-57.6%	1,491	-100.0%	0
OTHER DEDUCTIONS (INCLUDING ROI)	2,152,492	3.9%	2,236,693	2.5%	2,292,805
PROJECTED RATE REFUND	0	0.0%	0	0.0%	0
<b>TOTAL NONOPERATING EXPENSES</b>	<b>2,202,402</b>	<b>2.5%</b>	<b>2,257,751</b>	<b>2.2%</b>	<b>2,307,805</b>
					<b>2.9%</b>
<b>NET INCOME</b>	<b>416,687</b>	<b>419.8%</b>	<b>2,166,018</b>	<b>24.1%</b>	<b>1,456,132</b>
					<b>10.9%</b>
<b>END OF YEAR BALANCES:</b>					
GROSS PLANT IN SERVICE	113,308,155		118,841,412		129,548,305
NET PLANT IN SERVICE	64,657,089		67,829,080		73,354,352
RMLD CAPITAL ADDITIONS	4,739,913		6,533,256		7,470,658
ALLOWABLE 8% RATE OF RETURN	4,612,334		4,827,452		5,218,274
NET INCOME SUBJECT TO 8% RATE OF RETURN	620,284		2,078,653		2,660,826
(OVER) / UNDER RECOVERY ON 8%	3,992,050		2,748,800		2,557,448
<b>RATE STABILIZATION BALANCE (EOY)</b>	<b>5,237,223</b>		<b>5,377,223</b>		<b>5,797,223</b>
<b>CAPITAL FUND BALANCE (EOY)</b>	<b>5,409,329</b>		<b>9,713,555</b>		<b>6,089,469</b>
<b>BONDS PAYABLE BALANCE (EOY)</b>	<b>550,000</b>		<b>0</b>		<b>0</b>
<b>RATE INCREASE</b>	<b>yes</b>		<b>0.00%</b>		<b>5.00%</b>

\* Represents July 09 thru September 09 actuals  
with budget amounts for October 09 thru June 10





ITEM 6.

Power Supply Update

To: Vincent Cameron

From: Energy Services

Date: October 21, 2009

Subject: Purchase Power Summary – September, 2009

Energy Services Division (ESD) has completed the Purchase Power Summary for the month of September 2009.

### ENERGY

The RMLD's total metered load for the month was 55,496,286 kWhs, which was a decrease of 8.87 % compared to September, 2008 figures.

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

TABLE 1

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of Total Energy	Total \$ Costs	\$ as a %
Millstone #3	3,550,456	\$4.61	6.39%	\$16,385	0.55%
Seabrook	5,668,092	\$6.77	10.20%	\$38,369	1.29%
Stonybrook	778,147	\$49.90	1.40%	\$38,829	1.31%
Constellation	21,600,000	\$67.17	38.88%	\$1,450,818	48.79%
PASNY	1,631,958	\$4.92	2.94%	\$8,029	0.27%
ISO Interchange	6,256,503	\$41.82	11.26%	\$262,341	8.82%
NEMA Congestion	0	\$0.00	0.00%	-\$12,179	-0.41%
Coop Resales	65,778	\$132.86	0.12%	\$8,739	0.29%
Stonybrook Peaking	23,810	\$182.62	0.04%	\$4,348	0.15%
Integrus	15,768,000	\$80.64	28.38%	\$1,271,602	42.77%
*Braintree Watson Unit	219,452	-\$518.70	0.39%	-\$113,830	-3.83%
Monthly Total	55,562,196	\$53.52	100.00%	\$2,973,452	100.00%

\*Includes a decrease to \$126,381.18 due to Working Capital. Working Capital prepayments were treated as an expense. Reverse the expense.

Table 2

Resource	Amount of Energy (kWh)	Cost of Energy (\$/Mwh)	% of Total Energy
ISO DA LMP Settlement	10,909,359	38.24	19.63%
RT Net Energy Settlement	-4,652,856	28.53	-8.37%
ISO Interchange (subtotal)	6,256,503	45.58	11.26%

Table 2 breaks down the ISO interchange between the DA LMP Settlement and the RT Net Energy for month of September, 2009.

### CAPACITY

The RMLD hit a demand of 104,481 kW, which occurred on September 23, 2009 at 8 pm. The RMLD's monthly UCAP requirement for September 2009 was 228,092 kW. Table 3 shows the sources of capacity that the RMLD utilized to meet its requirement.

Table 3

Source	Amount (kW)	Cost (\$/kW-month)	Total Cost \$	% of Total Cost
Millstone #3	4,980	64.06	\$318,998	19.66%
Seabrook	7,909	63.12	\$499,189	30.76%
Stonybrook Peaking	25,868	2.07	\$53,463	3.29%
Stonybrook CC	44,495	3.88	\$172,480	10.63%
Pasny	4,533	2.62	\$11,896	0.73%
HQICC	5,631	7.49	\$42,157	2.60%
ISO-NE Supply Auction	125,496	4.01	\$503,549	31.03%
Braintree Watson Unit	9,180	2.29	\$21,062	1.30%
Total	228,092	\$7.11	\$1,622,793	100.00%

Table 4

Resource	Energy	Capacity	Total cost	% of Total Cost
Millstone #3	\$16,385	\$318,998	\$335,383	7.30%
Seabrook	\$38,369	\$499,189	\$537,558	11.70%
Stonybrook	\$38,829	\$172,480	\$211,309	4.60%
HQ II	\$0	\$42,157	\$42,157	0.92%
Constellation	\$1,450,818	\$0	\$1,450,818	31.57%
PASNY	\$8,029	\$11,896	\$19,925	0.43%
ISO Interchange	\$262,341	\$503,549	\$765,890	16.66%
Nema Congestion	-\$12,179	\$0	-\$12,179	-0.26%
Coop Resales	\$8,739	\$0	\$8,739	0.19%
Stonybrook Peaking	\$4,348	\$53,463	\$57,812	1.26%
Integrus	\$1,271,602	\$0	\$1,271,602	27.67%
Braintree Watson Unit	-\$113,830	\$21,062	-\$92,768	-2.02%
Monthly Total	\$2,973,452	\$1,622,793	\$4,596,246	100.00%

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

## TRANSMISSION

The RMLD's total transmission costs for the month of September, 2009 are \$841,693. This is a 9.34% increase from the August, 2009 cost of \$769,792. In 2008, the transmission costs for the month of September, were \$576,694.

Table 5

	Current Month	Last Month	Last Year
Peak Demand (kW)	104,481	155,759	139,540
Energy (kWh)	55,562,196	72,835,439	60,996,650
Energy (\$)	\$2,973,452	\$4,051,361	\$4,735,866
Capacity (\$)	\$1,622,793	\$1,880,365	\$1,583,417
Transmission (\$)	\$841,693	\$769,792	\$576,694
Total	\$5,437,939	\$6,701,518	\$6,895,976

Table 5 shows the current month vs. last month and last year (September, 2008).