

AGENDA

REGULAR SESSION

READING MUNICIPAL LIGHT DEPARTMENT CITIZENS' ADVISORY BOARD (CAB) MEETING

WEDNESDAY, JUNE 17, 2015

6:30 PM

230 Ash Street, Winfred Spurr AV Room
 Reading, MA 01867

1. Call Meeting to Order – G. Hooper, Chair
2. Proposed Rate Adjustment – C. O'Brien, General Manager, and
 J. Parenteau, Director of Integrated Resources

Suggested Motion: Move that the Reading Municipal Light Department Citizens' Advisory Board recommend to the RMLD Board of Commissioners the adoption of the rates MDPU numbers 250, 251, 252, 253, 254, 255, 256, 257, 258 dated to be effective July 1, 2015, on the recommendation of the General Manager.

RATE	TARIFF #
Residential Schedule A	MDPU # 250
Residential Schedule RW	MDPU # 251
Residential Time-of-Use Schedule A2	MDPU # 252
Commercial Schedule C	MDPU # 253
Industrial Time-of-Use Schedule I	MDPU # 254
School Schedule SCH	MDPU # 255
Private Lighting Schedule D	MDPU # 256
Municipal LED Street Lighting	MDPU # 257
Cooperative Resale Schedule G	MDPU # 258

3. Organizational and Reliability Studies: Next Steps – C. O'Brien, General Manager
4. Economic Development – G. Hooper, Chair
5. Next Meeting – G. Hooper, Chair
6. Adjournment – G. Hooper, Chair

This Agenda has been prepared in advance and does not necessarily include all matters which may be taken up at this meeting.

FY 2016 - Base Rate Increase
Comparative Rates Present/Proposed

Residential

	500 kWh	750 kWh	1000 kWh
Present	\$70.29	\$103.85	\$137.41
Proposed	\$72.68	\$107.27	\$141.87
% Change	3.40%	3.30%	3.25%
Cost per kWh Present	\$0.14058	\$0.13846	\$0.13741
Cost per kWh Proposed	\$0.14536	\$0.14303	\$0.14187

Residential Hot Water

	1000 kWh	1500 kWh	2000 kWh
Present	\$127.75	\$190.05	\$252.33
Proposed	\$131.25	\$195.13	\$259.00
% Change	2.73%	2.67%	2.64%
Cost per kWh Present	\$0.12775	\$0.12670	\$0.12617
Cost per kWh Proposed	\$0.13125	\$0.13009	\$0.12950

Residential Time of Use

	1000 kWh	1500 kWh	2000 kWh
Present	\$125.75	\$186.11	\$246.48
Proposed	\$129.00	\$190.73	\$252.47
% Change	2.58%	2.48%	2.43%
Cost per kWh Present	\$0.12575	\$0.12408	\$0.12324
Cost per kWh Proposed	\$0.12900	\$0.12716	\$0.12624

Residential Low Income

	500 kWh	750 kWh	1000 kWh
Present	\$67.12	\$100.68	\$134.24
Proposed	\$69.19	\$103.79	\$138.39
% Change	3.09%	3.09%	3.09%
Cost per kWh Present	\$0.13424	\$0.13423	\$0.13424
Cost per kWh Proposed	\$0.13839	\$0.13838	\$0.13839

Residential Hot Water Low Income

	1000 kWh	1500 kWh	2000 kWh
Present	\$124.58	\$186.87	\$250.15
Proposed	\$127.75	\$191.64	\$255.51
% Change	2.55%	2.55%	2.14%
Cost per kWh Present	\$0.12458	\$0.12458	\$0.12508
Cost per kWh Proposed	\$0.12775	\$0.12776	\$0.12775

Residential Time of Use Low Income

	1000 kWh	1500 kWh	2000 kWh
Present	\$120.22	\$180.34	\$240.46
Proposed	\$122.97	\$184.46	\$245.95
% Change	2.28%	2.29%	2.28%
Cost per kWh Present	\$0.12022	\$0.12023	\$0.12023
Cost per kWh Proposed	\$0.12297	\$0.12297	\$0.12297

Commercial

	Small	Medium	Large
Present	\$1,525.29	\$9,294.10	\$41,320.27
Proposed	\$1,561.01	\$9,422.31	\$42,261.22
% Change	2.34%	1.38%	2.28%
Cost per kWh Present	\$0.11468	\$0.12197	\$0.11491
Cost per kWh Proposed	\$0.11737	\$0.12365	\$0.11752

Industrial Time of Use

	Small	Medium	Large
Present	\$27,669.48	\$55,505.82	\$695,234.49
Proposed	\$28,132.87	\$55,790.46	\$709,646.03
% Change	1.67%	0.51%	2.07%
Cost per kWh Present	\$0.10358	\$0.11337	\$0.10130
Cost per kWh Proposed	\$0.10532	\$0.11395	\$0.10340

School Rate

	Small	Medium	Large
Present	\$3,686.19	\$10,859.78	\$23,194.26
Proposed	\$3,755.76	\$11,117.91	\$23,750.31
% Change	1.89%	2.38%	2.40%
Cost per kWh Present	\$0.11999	\$0.11256	\$0.11227
Cost per kWh Proposed	\$0.12226	\$0.11524	\$0.11496

Street Lights

	Reading	Lynnfield	North Reading	Wilmington
Present	\$9,557.91	\$3,858.40	\$4,860.01	\$9,800.49
Proposed	\$9,751.93	\$3,936.73	\$4,958.12	\$9,999.20
% Change	2.03%	2.03%	2.02%	2.03%
Cost per kWh Present	\$0.11872	\$0.11872	\$0.11938	\$0.11886
Cost per kWh Proposed	\$0.12113	\$0.12113	\$0.12179	\$0.12127

Co-Op Resale

Present	\$67.99
Proposed	\$70.01
% Change	2.98%
Cost per kWh Present	\$0.13598
Cost per kWh Proposed	\$0.14002

Note: Proposed Rate Structure to Take Effect July 1, 2015. All Rate Classes Include the Fifteen Percent Prompt Payment Discount except Street Lights

Residential Schedule A Rate

Designation:

Residential A Rate

Available in:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

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

Character of service:

A.C. 60 cycles: single phase.

Customer Charge:

\$4.10 per month

Distribution Energy Charge:

\$.05368 per Kilowatt-hour for all Kilowatt-hours usage

Budget Billing:

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

Low Income Discount

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

Residential Schedule A Rate (cont'd)

Farm Discount:

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

Energy Conservation Charge:

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

Fuel Adjustment:

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

Purchase Power Capacity and Transmission Charge:

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

Meter Reading and Billing:

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

General Terms and Conditions:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

**Residential Schedule RW
Controlled Water Heater Rate**

Designation:

Residential RW Rate

Available in:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

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

Character of service:

A.C. 60 cycles: single phase.

Terms of Use:

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

Customer Charge:

\$4.11 per month.

Distribution Energy Charge:

\$.04117 per Kilowatt-hour for all Kilowatt-hours usage

Budget Billing:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

**Residential Schedule RW
Controlled Water Heater Rate (Contd.)**

Low Income Discount

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

Farm Discount:

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

Energy Conservation Charge:

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

Fuel Adjustment:

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

Purchase Power Capacity and Transmission Charge:

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

Meter Reading and Billing:

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

General Terms and Conditions:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

Residential Time-of-Use Schedule A2 Rate

Designation:

Available in:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

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

Character of service:

A.C. 60 cycles: single phase.

Customer Charge:

\$6.50 per month.

Distribution Energy Charge:

\$.07998 per Kilowatt-hour for all Kilowatt-hours usage during the On-Peak hours.

\$.01650 per Kilowatt-hour for all Kilowatt-hours usage during the Off-peak hours.

Definition of Periods:

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

Controlled Water Heater Allowance:

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

Term:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

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

Budget Billing:

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

Low Income Discount

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

Farm Discount:

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

Energy Conservation Charge:

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

Fuel Adjustment:

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

Purchase Power Capacity and Transmission Charge:

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

Meter Reading and Billing:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

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

Granted Holidays

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

General Terms and Conditions:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

Commercial Schedule C Rate

Designation:

Commercial C Rate

Available in:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

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

Character of service:

AC 60 cycles: single phase or three phase.

Customer Charge:

\$7.05 per month.

Distribution Demand Charge:

\$7.38 per Kilowatt for all demand usage.

Distribution Energy Charge:

\$.01566 per Kilowatt-hour for all Kilowatt-hours usage.

Budget Billing:

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

Energy Conservation Charge:

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

Fuel Adjustment:

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

Purchase Power Capacity and Transmission Charge:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

Commercial Schedule C Rate (cont'd)

Measurement of Billing Demand:

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

Definitions of Seasons:

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

Farm Discount:

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

Customer Transformer Ownership:

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

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

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

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

Metering:

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

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

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

**MDPU # 253 supersedes
and cancels MDPU # 240**

Commercial Schedule C Rate (cont'd)

Meter Reading and Billing:

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

General Terms:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

Industrial Time-of-Use Schedule I Rate

Designation:

Industrial Time-of-Use I Rate

Available in:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

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

Character of service:

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

Customer Charge:

\$32.52 per month.

Distribution Demand Charge:

\$8.13 per Kilowatt for all demand usage.

Definition of Periods:

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

Term:

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

Energy Conservation Charge:

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

Fuel Adjustment:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

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

Purchase Power Capacity and Transmission Charge:

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

Measurement of Billing Demand:

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

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

Farm Discount:

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

Customer Transformer Ownership:

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

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

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

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

Metering:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

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

Meter Reading and Billing:

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

Granted Holidays

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

General Terms and Conditions:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

School Schedule SCH Rate

Designation:

School SCH Rate

Available in:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

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

Character of service:

AC 60 cycles: single phase or three phase.

Customer Charge:

\$6.50 per month.

Distribution Demand Charge:

\$6.80 per Kilowatt for all demand usage.

Distribution Energy Charge:

\$.01073 per Kilowatt-hour for all Kilowatt-hours usage.

Budget Billing:

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

Energy Conservation Charge:

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

Fuel Adjustment:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

School Schedule SCH Rate (cont'd)

Purchase Power Capacity and Transmission Charge:

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

Measurement of Billing Demand:

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

Definitions of Seasons:

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

Customer Transformer Ownership:

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

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

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

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

Metering:

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

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

Meter Reading and Billing:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

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

**MDPU # 255 supersedes
and cancels MDPU # 242**

School Schedule SCH Rate (cont'd)

General Terms:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

Private Street Lighting Rate Schedule D

Designation:

Street Light D Rate

Available:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

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

Energy Charge:

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

<u>Fixture Type</u>	<u>Annual Rate \$</u>	<u>Annual kWh</u>
100 Watt Mercury	57.99	500
175 Watt Mercury	64.46	860
400 Watt Mercury	106.90	1,900
50 Watt HPS	66.78	240
100 Watt HPS	85.23	500
250 Watt HPS	112.54	1,200
400 Watt HPS	156.32	1,900
25 Watt LED - Standard	56.28	100
42 Watt LED – Non - Standard	62.80	168
101 Watt LED – Non - Standard	101.24	404
93 Watt LED Flood - Standard	144.88	372
134 Watt LED Flood – Non - Standard	177.39	536

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

Fuel Adjustment:

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

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

Private Street Lighting Rate Schedule D (cont'd)

Purchase Power Capacity and Transmission Charge:

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

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

Extra Pole Cost

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

30 foot or 35 foot Class 4 pole	\$44.00 per year
40 foot Class 4 pole	\$48.00 per year

Meter Reading and Billing:

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

General Terms and Conditions:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

Town of Reading, Massachusetts

**MDPU # 257 supersedes
and cancels MDPU #249**

Municipal Light Department

Municipal LED Street Lighting Rate

Designation:

LED Street Light Rate

Available:

Reading, Lynnfield Center, North Reading, and Wilmington

Applicable to:

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

Energy Charge:

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

<u>Fixture Type</u>	<u>Annual Rate \$</u>	<u>Annual kWh</u>
25 Watt LED – Standard	21.81	100
42 Watt LED – Non-Standard	22.43	168
101 Watt LED – Non - Standard	29.43	404
93 Watt LED Flood - Standard	44.65	372
134 Watt LED Flood – Non - Standard	51.29	536

Fuel Adjustment:

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

Purchase Power Adjustment:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

Town of Reading, Massachusetts

**MDPU # 257 supersedes
and cancels MDPU #249**

Municipal Light Department

Extra Pole Cost

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

30 foot or 35 foot Class 4 pole	\$44.00 per year
40 foot Class 4 pole	\$48.00 per year

Meter Reading and Billing:

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

General Terms and Conditions:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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

Cooperative Resale Schedule G Rate

Designation:

Cooperative G Rate

Available in:

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

Character of Service:

A.C. 60 cycles: single phase.

Customer Charge:

\$3.78 per month.

Distribution Energy Charge:

\$.04481 per Kilowatt-hour for all Kilowatt-hours usage.

Fuel Adjustment:

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

Purchase Power Capacity and Transmission Charge:

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

Meter Reading and Billing:

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

General Terms and Conditions:

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

Rate Filed: June 30, 2015

Effective: On Billings on or After July 1, 2015

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