

Reading Municipal Light Department (RMLD) Board of Commissioners
Power & Rate Committee Regular Session Agenda

Monday, May 16, 2011

7:00 p.m.

General Manager's Conference Room

1. To discuss Power Supply Strategy.
2. Executive Session

Suggested Motion:

Move that the Board go into Executive Session based on Chapter 164 Section 47D exemption from public records and open meeting requirements in certain instances and return to Regular Session.

3. Annual RFP
4. Net Metering Rate
5. Motion to Adjourn

READING MUNICIPAL LIGHT DEPARTMENT

To: RMLD Board of Commissioners

Date: April 13, 2011

From: Vinnie Cameron

Subject: Net Metering Rate

The Reading Municipal Light Department (RMLD) has customers that have installed generation such as solar and combined heat and power systems that assist customers in meeting their energy requirements. In doing so, these customers need to install an interconnection system that is required by the RMLD in order to correctly record kWh produced and ensure that the distribution system is not back fed in the event of an outage. These interconnection requirements are similar to what is required by the electric utility. In addition, the RMLD pays the Monthly Fuel Charge for kWhs a customer produces and are transmitted onto the RMLD's electric system.

Attached is the RMLD's Simplified Interconnection Application (SIA) and Service Agreement for Facilities with Inverter Capacity of 10 kW and Under (Residential), which is on the RMLD's Web Site and outlines the RMLD's requirements for interconnection of customer generation.

The RMLD would like to file the Simplified Interconnection Application (SIA); including its Terms and Conditions in order that prospective customer installing their own generation will understand it is a filed rate.

In addition, the RMLD will add to the filed rate that any kWh generated onto its system will be paid the Monthly Fuel Charge applicable at the time the energy was generated.

c: Jane Parenteau - RMLD
Kevin Sullivan - RMLD
Peter Price - RMLD
Brian Smith - RMLD
William Seldon - RMLD
Jared Carpenter - RMLD
Joe Bilicki - RMLD

RMLD Terms and Conditions for Customer Owned Generation Less Than 10 kW

- 1. Construction of the Facility.** The Interconnecting Customer may proceed to construct the Facility once the RMLD has received the completed Attachment 1 - Application for Customer Owned Generation Under 10 kW has been completed and approval to install the Facility has been signed by the RMLD.
- 2. Interconnection and Operation.** The Interconnecting Customer may operate Facility and interconnect with the RMLD's system once the following has occurred;
 - 2.1 Municipal Inspection.** Upon completing construction, the Interconnecting Customer will cause the Facility to be inspected or otherwise certified by the local wiring inspector with jurisdiction.
 - 2.2 Certificate of Completion.** The Interconnecting Customer returns the Certificate of Completion appearing as Attachment 2 of the Agreement to the RMLD, PO Box 150, Reading, MA 01867-250.
- 3. RMLD Right to Inspection.** Within ten (10) business days after the receipt of the Certificate of Completion, the RMLD may, upon reasonable notice, and at a mutually convenient time, conduct an inspection of the Facility to ensure that all equipment has been appropriately installed, and that all electric connections have been made in accordance with the RMLD. The RMLD has the right to disconnect the Facility in the event for improper installation or failure to return Certificate of Completion to the RMLD.
- 4. Safe Operation and Maintenance.** The Interconnection Customer shall be fully responsible to operate, maintain, and repair the Facility.
- 5. Access.** The RMLD have access to the disconnect switch (if required) of the Facility at all times.
- 6. Disconnection.** The RMLD may temporarily disconnect the Facility to facilitate planned or emergency RMLD work.
- 7. Metering and Billing.** All Facilities approved under this Agreement qualify for net metering as approved by the RMLD for time to time, and the following is necessary to implement the net metering provisions.
 - 7.1 Interconnecting Customer Provides Meter Sockets.** The Interconnecting Customer shall furnish and have installed, if not already in place, the necessary meter socket and wiring in accords acne with accepted electrical standards. The Interconnecting Customer shall have installed a second meter socket and necessary wiring between the output of the generation source and the customer's main electrical service. The meter socket shall be located outside of the approved location. The second meter socket shall be supplied by the RMLD.
 - 7.2 RMLD Installs Net Meter.** RMLD shall furnish and install a meter capable of net metering within ten (10) business days after the inspection if completed, if such meter is not in place.
 - 7.3 RMLD Installs Check Meter.** The RMLD will install a second meter to record the usage of the customer generated energy. There will be no customer charge associated with this meter.
- 8. Indemnification.** The Town of Reading, RMLD, and all other respective agents and employees shall be afforded the maximum exemption of limitation of liability available under the applicable laws and regulations arising on account of their actions or omissions relating directly or indirectly any provision of electrical service. Without limiting the generality of the forgoing, and except to the extent otherwise expressly provided in MGL Chapter 258: Neither the Town of Reading, nor the RMLD, nor any of their respective agents, employees shall be liable to any person or agent: all liability, damages, losses, penalties, claims, demands, suits, and proceedings of any nature whatsoever for personal injury (including death) or property damages, to unaffiliated third parties that arise out of, or are in any manner connected, the performance of this agreement by the party, accept to the extent that such injury of damages to unaffiliated third parties may be attributable to the negligence of willful misconduct of the party seeking indemnification.
- 9. Limitation of Liability.** Each parties liability to the other party for any loss, cost, claims, injury, liability, or expenses including reasonable attorney fees, relating to or arising from any act or omissions in its performance of this agreement, shall be limited to the amounts of direct damages actually incurred. In no event shall either party by liable to the other party for any indirect, incidental, special, consequential, or punitive damages of any kind whatsoever.
- 10. Termination.** This may be terminated under the following conditions.
 - 10.1 By Interconnecting Customer.** The Interconnecting Customer may terminate this agreement by providing written notice to RMLD.
 - 10.2 By RMLD.** The RMDL may terminate this Agreement (1) if the Facility fails to operate for any consecutive twelve month period or (2) in the event that the Facility impairs the operation of the electric distribution system or service to other customers or materials impairs the local circuit in Interconnecting Customer does not cure the impairment.
- 11. Assignment/Transfer of Ownership of the Facility.** This agreement shall survive the transfer of ownership of the Facility to a new owner when the new owner agrees in writing to comply with the terms of this agreement and so notifies the RMLD.
- 12. Interconnection Rate.** These terms and Conditions are pursuant to RMLD's rate for the Interconnection of Customer owned generating facilities. The rate paid for energy generated onto the RMLD's distribution system from the Interconnecting Customer shall be the RMLD's Monthly Fuel Charge , which may be adjusted by the Standard Fuel Adjustment Clause.

Rate Filed:

Effective:

Filed by:

Attachment 1
Application for Customer Owned Generation of Less Than 10 kW

Contact Information

Legal Name and address of Interconnecting Customer applicant

RMLD Customer (print): _____

Address of Interconnection Facility: _____

City: _____ State: _____ Zip Code: _____

Telephone (Daytime): _____ (Evening): _____

Facsimile Number: _____ E-Mail Address: _____

Alternative Contact Information (e.g., system installation contractor or coordinating company)

Name: _____

Mailing Address: _____

City: _____ State: _____ Zip Code: _____

Telephone (Daytime): _____ (Evening): (same) _____

Facsimile Number: _____ E-Mail Address: _____

Facility Information

Electric Service Company: Reading Municipal Light Department (RMLD)

Account Number (required - on bill) _____ Meter Number (required - on bill) _____

Inverter Manufacturer: _____ Model Name & #: _____ Quantity Used: _____

Nameplate Rating: _____ (kW) _____ (kVA) _____ (AC Volts) Single _____ or Three _____ Phase

System Design Capacity: _____ (kW) _____ (kVA)

Electrical Contractor: Name, address, phone # and contact name

Prime Mover: Photovoltaic ☐ Fuel Cell ☐ IC Engine ☐ Other: _____

Energy Source: Solar ☐ Wind ☐ Hydro ☐ Natural Gas ☐ Other: _____

UL1741 Listed? Yes _____ No _____

Estimated Installation Date: _____ Estimated In-Service Date: _____

Customer Signature

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the **RMLD Terms and Conditions for Simplified Process Interconnections** on the following page:

Interconnecting Customer Signature _____ Date _____

Please attach manufacturer's document showing UL1741 listing to this document and mail to above address.

Approval to Install Facility (For RMLD use only)

Installation of the Facility is approved contingent upon the terms and conditions of this Agreement, and agreement to any system modifications, if required (Are system modifications required? Yes _____ No _____ To be Determined _____).

RMLD Signature: _____ Title: _____ Date: _____

RMLD UA Number: _____ RMLD waives inspection/witness test? Yes _____ No _____

Rate Filed:

Effective:

Filed by:

Attachment 2
Certificate of Completion for Customer Owned Generation of Less Than 10 kW

Certificate of Completion

Installation Information

Interconnecting Customer (Print): _____
Mailing Address: _____
Location of Facility (if different from above): _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Facsimile Number: _____ E-Mail Address: _____
Account # (required - on bill) _____ Meter # (required - on bill) _____

Electrician or Electrical Installation Contractor:

Business Name: _____ Contact Name (Print) _____
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Telephone (Daytime): _____ (Evening): _____
Facsimile Number: _____ E-Mail Address: _____
License number: _____
RMLD Date of Installation Approval: _____ Signature _____
RMLD Utility Authorization Number: _____

Inspection:

The system has been installed and inspected in compliance with the local Building/Electrical Code of

(City/County)

Signed (Local Electrical Wiring Inspector), _____

Name (printed): _____

Date: _____

As a condition of interconnection you are required to send by USPS mail or Fax a copy of this form along with a copy of the signed electrical permit to:

RMLD
P.O. Box 150
Reading MA 01867-0250

Received by RMLD _____
Date & Initial

Rate Filed:
Effective:
Filed by: