

# TAUNTON MUNICIPAL LIGHTING PLANT

## **Terms and Conditions For Net Metering Service For Customer-Owned Electric Generating Systems Of Greater Than 60 Kilowatts Up To A Maximum Of 2000 Kilowatts**

### **I. AVAILABILITY**

Net metering service is available to generation facilities owned by an existing customer of the Taunton Municipal Lighting Plant (“TMLP”) at the location at which such customer currently receives service from TMLP, for the purpose of offsetting all or part of that customer’s own electric power requirements from solar, wind, fuel cell or hydroelectric sources (“Facility”). The use of a Facility for providing service to a third party is strictly prohibited. Under no circumstance shall output from the Facility be provided or credited to any third party. The availability of net metering to a customer that owns a Facility (“Customer”) is subject to the terms and conditions contained in this tariff and to any General Terms and Conditions as may be adopted by TMLP and as they may be amended from time to time. In its sole discretion, TMLP may limit the cumulative generating capacity of all such Facilities in its service territory and the availability of this service. The DC size of the total system may not exceed Customer’s highest demand peak for the twelve month period preceding the date on which Customer signs the Application set forth in Attachment 1 (“Initial Demand Period”) or 2,000 kW, whichever is lower.

### **II. RATES AND CHARGES FOR SERVICE**

#### 2.1 Application Fee, Distribution System Impact Review, Billing and Energy Crediting.

2.1.1 Application Fee. Customer shall pay an application fee to TMLP of \$500. Upon acceptance of a completed application by TMLP, the application will be placed in a queue of projects. If Customer fails to energize the Facility within 12 months of the Authorization Date the application will be removed from the queue of projects.

2.1.2 Distribution System Impact Review Fee. Customer shall pay an amount to TMLP equal to \$3 per kW of nameplate dc capacity of the Facility for a distribution system impact study. If such study costs less than the deposit amount then TMLP shall refund the amount not spent within sixty (60) days of completing the study. If the study costs more than the deposit amount, then TMLP shall promptly bill Customer for the difference, which shall be due and payable upon receipt by Customer.

**M.D.P.U. NO. 137**  
**Effective February 1, 2012**

- 2.1.3 Costs of Distribution System Upgrades. Customer shall be responsible for the costs needed to modify and/or upgrade TMLP's distribution system to accommodate the Facility as set forth in the distribution system impact review performed by TMLP. TMLP shall bill Customer in advance, for the costs identified in the prior sentence. Customer shall pay the full amount due before construction is scheduled by TMLP. The invoice shall provide a reasonable breakdown of the costs. If Customer fails to pay the amount due within thirty (30) days of TMLP's invoice then the Facility shall be removed from the queue of projects.
- 2.1.4 Cost or Fee Adjustment Procedures. TMLP will, in writing, advise Customer in advance of any cost increase for work to be performed. Customer shall, within thirty (30) days of TMLP's notice of increase, authorize such increase and make payment in the amount, or TMLP will suspend the work and the Facility shall be removed from the queue of projects.
- 2.2 Net Metering Billing and Energy Crediting. TMLP shall determine the net electricity produced or consumed by Customer during each billing period, in accordance with TMLP's normal metering practices.
  - 2.2.1. Customer shall pay all costs associated with the design, installation, operation, and maintenance of the Facility on Customer's side of the meter, as well as the meters that are necessary to register Customer's electric consumption, the Facility's electric generation and the net flow of electricity to and from Customer's premises.
  - 2.2.2 If Customer uses more electricity during a billing period than its Facility generates, Customer will be billed for the net electricity supplied by TMLP based on the rate applicable to that Customer's class of service under the applicable TMLP tariff.
  - 2.2.3 If Customer's Facility generates and delivers to TMLP's system more electricity than is consumed by Customer during a billing period, then Customer shall be billed for the same monthly charge(s) as applied to other customers in the same rate class; and shall be credited for the net excess kilowatt-hours generated as applied to the Generation and the Power Cost Adjustment (PCA). For Rate 31 customers the energy credit will be the excess of 300 hours rate and Power Cost Adjustment Clause in M.D.P.U. No. 123 will apply. This Generation and PCA cost credit will appear on the Customer's bill the following billing period.

- 2.2.4. Payment for Damage to TMLP System. If Customer's Facility causes damage to TMLP's electrical system and/or facilities, Customer shall be responsible for all costs associated with the repair and/or replacement of such facilities or equipment.

### **III. CONSTRUCTION OF THE FACILITY/TMLP APPROVAL**

- 3.1 General Requirements. Customer may proceed to construct the Facility only after TMLP has received the completed Application for Customer Owned Generation Of Greater Than 60 kW Up To A Maximum Of 2000 kW appearing as Attachment 1 ("Application") and said application has been approved by TMLP. The Application shall be accompanied by three copies of the one-line diagram of the proposed Facility, the Distribution System Impact Review Fee, proof of insurance, and the application fee as specified herein. The one-line diagram submitted by Customer must be stamped by a registered professional engineer. TMLP will not approve any such application if it determines that the Facility could have an adverse impact on TMLP's system or does not or would not comply with the requirements of this tariff.
- 3.2 Interconnection Requirements. The Facility shall be designed, constructed, operated and maintained in a manner that causes it to meet or exceed all applicable safety and electrical standards, including but not limited to the Massachusetts Building Code, the Massachusetts Department of Public Utilities' regulations, the National Electric Code, the National Electrical Safety Code, IEEE and UL. Customer is responsible for all permits and regulatory approvals necessary for construction of the Facility.
- 3.3 Operational Requirements. Customer may operate Facility and interconnect with TMLP's system only after the following has occurred:
- 3.3.1 Municipal Inspection. Upon completing construction, Customer will cause the Facility to be inspected or otherwise certified and/or approved by the local wiring inspector.
- 3.3.2 Certificate of Completion. The Customer shall return the Certificate of Completion for Customer Owned Generation Of Greater Than 60 kW Up To A Maximum Of 2000 kW appearing as Attachment 2, to TMLP, 55 Weir Street, Taunton, MA 02780.
- 3.3.3 TMLP Right to Inspection. Within ten (10) business days after the receipt of the Certificate of Completion, TMLP shall, upon reasonable notice, and at a mutually convenient time, conduct an inspection of the Facility to ensure that all equipment has been properly installed, and that all electric connections have been made

in accordance with TMLP's requirements including these Terms and Conditions. TMLP has the right to disconnect the Facility in the event of improper installation.

- 3.3.4 Interconnection Metering/Wiring. Customer shall furnish and have installed, if not already in place, the necessary meter socket and wiring in accordance with all applicable safety and electrical standards. Customer shall have installed a second meter socket and necessary wiring between the output of the Facility and Customer's main electrical service. The meter socket shall be located outside at a location approved by TMLP. Customer shall provide and install a safety disconnect switch **NO MORE THEN FOUR FEET** from TMLP's metering equipment that is accessible by TMLP at all times. An example one-line diagram is attached hereto as Attachment 3.
- 3.3.5. Safe Operation and Maintenance. Customer shall be solely responsible for constructing, operating, maintaining, and repairing the Facility in a safe manner as set forth in more detail in Section IV of this tariff. TMLP may temporarily disconnect the Facility to facilitate planned or emergency TMLP work. In addition, TMLP may disconnect the Facility from its system at any time that TMLP determines, in its sole discretion, that the safety and reliability of TMLP's system may be compromised by the operation of the Facility.
- 3.3.6 Meters. TMLP shall furnish, install and own the meters necessary to register Customer's electric consumption, the Facility's electric generation and the net flow of electricity to and from Customer's premises, if such meters are not in place, at Customer's expense.
- 3.3.7 No Unauthorized Changes to Equipment. Once in operation, Customer shall make no changes or modifications in the equipment, wiring, or the mode of operation without the prior written approval of TMLP and the local wiring inspector. Once in operation, TMLP shall have the right to disconnect the Facility from TMLP's system if at any time TMLP determines in its sole discretion that either (a) the Facility may endanger TMLP personnel, or (b) the continued operation of the Facility may endanger the property of or integrity of TMLP's electric system. The Facility shall remain disconnected until such time as TMLP is satisfied that the condition(s) that caused the problems have been corrected.
- 3.3.8 Inspection Requirements. Customer will remove the Facility from service and cause inspection of all function parts by a qualified person at least every two years. Customer shall retain all records

pertaining such inspection and will make them available for TMLP's review upon request by TMLP.

- 3.3.9 TMLP Access. TMLP may enter Customer's premises or property (i) to inspect with prior notice at all reasonable hours Customer's protective devices and to read meter; and (ii) to disconnect the interconnection facilities at TMLP's meter or transformer pursuant to Article IV below.

#### **IV. OPERATING REQUIREMENTS**

- 4.1 General Operating Requirements. Customer shall operate and maintain the Facility in accordance with the applicable manufacturer's recommended maintenance schedule. Customer will continue to comply with all applicable laws and requirements after interconnection has occurred. In the event TMLP has reason to believe that Customer's installation may be the source of problems on TMLP's system, TMLP has the right to install monitoring equipment to determine the source of the problems. If the Facility is determined to be the source of the problems, TMLP may require disconnection of the Facility and terminate service under this tariff as set forth in Article VII. The cost of such testing will be paid by TMLP unless TMLP demonstrates that the problem or problems are caused by the Facility or if the test was performed at the request of Customer, in which case Customer shall pay for the cost of such testing.
- 4.2 No Adverse Effects; Non-interference. TMLP shall notify Customer if there is evidence that the operation of the Facility could cause disruption or deterioration of service to other Customers or if operation of the Facility could cause damage to TMLP's system. The deterioration of service could be, but is not limited to, harmonic injection in excess of IEEE Standard 1547-2003, as well as voltage fluctuations caused by large step changes in loading at the Facility. TMLP and Customer will notify the other of any emergency or hazardous condition or occurrence with its equipment or facilities which could affect safe operation of the other Party's equipment or facilities. Each Party shall use reasonable efforts to provide the other with advance notice of such conditions. Customer will protect itself from normal disturbances propagating through TMLP's system.
- 4.3 Safe Operations and Maintenance. Customer shall operate, maintain, repair, and inspect, and shall be fully responsible for, the Facility or facilities that it now or hereafter may own. Customer shall be responsible for the maintenance, repair and condition of the Facility on its side of the meter. Customer shall provide equipment on its respective side of the meter that adequately protects TMLP's system, personnel, and other persons from damage and injury.

- 4.4 Access. TMLP shall have access to the disconnect switch of the Facility at all times.
- 4.4.1 TMLP and Customer Representatives. TMLP and Customer shall provide and update as necessary the telephone number that can be used at all times to allow either Party to report an emergency.
- 4.4.2 TMLP Right to Access TMLP-Owned Facilities and Equipment. Customer shall allow TMLP access to TMLP's equipment and TMLP's facilities located on 's or Customer's premises. To the extent that Customer does not own all or any part of the property on which TMLP is required to locate its equipment or facilities to serve the Facility, Customer shall secure and provide in favor of TMLP the necessary rights to obtain access to such equipment or facilities, including easements if the circumstances so require.
- 4.4.3 Right to Review Information. TMLP shall have the right to review and obtain copies of Customer's operations and maintenance records, logs, or other information such as, unit availability, maintenance outages, circuit breaker operation requiring manual reset, relay targets and unusual events pertaining to the Facility or its interconnection with TMLP's system.
- 4.5. Disconnection
- 4.5.1 Temporary Disconnection
- 4.5.1.1 Emergency Conditions. TMLP shall have the right to immediately and temporarily disconnect the Facility without prior notification in cases where, in the reasonable judgment of TMLP, continuance of such service to Customer is imminently likely to (i) endanger persons or damage property or (ii) cause a material adverse effect on the integrity or security of, or damage to, TMLP's system or to the electric systems of others to which TMLP's system is directly connected. TMLP shall notify Customer promptly of the emergency condition. Customer shall notify TMLP promptly when it becomes aware of an emergency condition that affects the Facility that may reasonably be expected to affect TMLP's system. To the extent information is known, the notification shall describe the emergency condition, the extent of the damage or deficiency, or the expected effect on the operation of both TMLP's and Customer's facilities and operations, its anticipated duration and the necessary corrective action.

- 4.5.1.2 Routine Maintenance, Construction and Repair. TMLP shall have the right to disconnect the Facility from TMLP's system when necessary for routine maintenance, construction and repairs on TMLP's system. If Customer requests disconnection of the Facility by TMLP, Customer will provide a minimum of seven days notice to TMLP.
- 4.5.1.3 Forced Outages. During any forced outage, TMLP shall have the right to suspend interconnection service hereunder to effect immediate repairs on TMLP's system; provided, however, TMLP shall use reasonable efforts to provide Customer with prior notice. Where circumstances do not permit such prior notice to Customer, TMLP may interrupt interconnection service hereunder and disconnect the Facility from TMLP's system without such notice.
- 4.5.1.4 Non-Emergency Adverse Operating Effects. TMLP may disconnect the Facility if the Facility is having an adverse operating effect on TMLP's system or other customers that is not an emergency, and Customer fails to correct such adverse operating effect after written notice has been provided and a maximum of 45 days to correct such adverse operating effect has elapsed.
- 4.5.1.5 Modification of the Facility. TMLP shall notify Customer if there is evidence of a material modification to the Facility and shall have the right to immediately suspend interconnection service hereunder in cases where such material modification has been implemented without prior written authorization from TMLP.
- 4.5.1.6 Re-connection. Any curtailment, reduction or disconnection shall continue only for so long as reasonably necessary. Customer and TMLP shall cooperate with each other to restore the Facility and TMLP's system, respectively, to their normal operating state as soon as reasonably practicable following the cessation or remedy of the event that led to the temporary disconnection.

## **V. LIMITATION OF LIABILITY, INDEMNIFICATION AND INSURANCE**

Customer shall indemnify and hold harmless TMLP and its elected officials, officers, employees and agents and each of the personal representatives, successors and assigns of any of the foregoing from and against any and all losses, claims, damages, costs, demands, fines, judgments, penalties, obligations, payments and liabilities, together

with any costs and expenses (including without limitation attorneys' fees and out-of-pocket expenses and investigation expenses) incurred in connection with any of the foregoing, resulting from, relating to or arising out of or in connection with: (i) any failure or abnormality in the operation of the Facility or any related equipment; (ii) any failure of Customer to comply with the standards, specifications, or requirements referenced in these terms and conditions (including appendices hereto) which results in abnormal voltages or voltage fluctuations, abnormal changes in the harmonic content of the Facility output, single phasing, or any other abnormality related to the quantity or quality of the power produced by the Facility; (iii) any failure of Customer to duly perform or observe any term, provision, covenant, agreement or condition hereunder to be performed by or on behalf of Customer or (iv) any negligence or intentional misconduct of Customer related to operation of the generating system or any associated equipment or wiring.

TMLP shall not be liable to Customer or any other person for any loss, injury, damage, casualty, fees or penalties, asserted on the basis of any theory, arising from, related to or caused by the construction, installation, operation, maintenance or repair of the Facility, and associated equipment and wiring, except to the extent of its own gross negligence or willful misconduct, but only to the extent permitted by law. Neither by inspection nor non-rejection nor in any other way does TMLP give any warranty, expressed or implied as to the adequacy, safety or other characteristics of any equipment, wiring or devices, installed on Customer's premises, including the Facility. Customer shall maintain sufficient insurance to cover any damage to TMLP's system or its other customers caused by the Facility and shall name TMLP as additional insured. The Customer shall provide TMLP with proof of satisfactory insurance in accordance with Article VI below.

## **VI. INSURANCE REQUIREMENTS**

### **6.1 General Liability.**

- 6.1(a) In connection with Customer's performance of its duties and obligations hereunder, Customer shall maintain, during the term of the Agreement, commercial general liability insurance with a per occurrence limit of not less than: (i) five million dollars (\$5,000,000) for each occurrence and in the aggregate.
- 6.1(b) Any combination of General Liability and Umbrella/Excess Liability policy limits can be used to satisfy the limit requirements stated above.
- 6.1(c) The general liability insurance required to be purchased in this Article VI may be purchased for the direct benefit of TMLP and shall respond to third party claims asserted against TMLP (hereinafter known as "Owners Protective Liability"). Should this option be chosen, the requirement of Section 6.2(a) will not apply



**M.D.P.U. NO. 137**  
**Effective February 1, 2012**

but the Owners Protective Liability policy will be purchased for the direct benefit of TMLP and TMLP will be designated as the primary and "Named Insured" under the policy.

- 6.1(d) In the event the Commonwealth of Massachusetts, or any other governmental subdivision thereof subject to the claims limits of the Massachusetts Tort Claims Act, G.L. c. 258 (hereinafter referred to as the "Governmental Entity") is the Customer, any insurance maintained by the Governmental Entity shall contain an endorsement that strictly prohibits the applicable insurance from interposing the claims limits of G.L. c. 258 as a defense in either the adjustment of any claim, or in the defense of any lawsuit directly asserted against the insurer by TMLP. Nothing herein is intended to constitute a waiver or indication of an intent to waive the protections of G.L. c. 258 by the Governmental Entity.
- 6.2 Insurer Requirements and Endorsements. All required insurance shall be carried by reputable insurers qualified to underwrite insurance in Massachusetts having a Best Rating of "A-". In addition, all insurance shall, (a) include TMLP as an additional insured; (b) contain a severability of interest clause or cross-liability clause; and (c) provide that TMLP shall not incur liability to the insurance carrier for payment of premium for such insurance. In addition, Interconnecting Party shall either: (i) cause all policies of insurance obtained under this Article to require that the insurance carrier provide thirty (30) calendar days' prior written notice to TMLP before insurance provided under such policies may be reduced or cancelled or (ii) within two (2) Business Days of receipt by Interconnecting Party from its insurance carrier, transmit to Buyer by facsimile a copy of all changes in policy conditions.
- 6.3 Evidence of Insurance. Evidence of the insurance required shall state that coverage provided is primary and is not in excess to or contributing with any insurance or self-insurance maintained by Customer. Customer is responsible for providing TMLP with evidence of insurance on an annual basis.

Prior to TMLP commencing work on the system modifications identified in the distribution system impact review and annually thereafter, Customer shall have its insurer furnish to TMLP certificates of insurance evidencing the insurance coverage required above. Customer shall notify and send to TMLP a certificate of insurance for any policy written on a "claims-made" basis. Customer will maintain extended reporting coverage for three years on all policies written on a "claims-made" basis. In the event that an Owners Protective Liability policy is provided, the original policy shall be provided to TMLP.

- 6.4 All insurance certificates, statements of self insurance, endorsements, cancellations, terminations, alterations, and material changes of such insurance shall be issued and submitted to the following:

Taunton Municipal Lighting Plant  
Attn: Customer Care Administrator  
55 Weir Street  
Taunton, MA 02780

## **VII. TERMINATION**

Service under this tariff may be terminated under the following conditions.

- 7.1 By Customer. Customer may terminate service under this tariff by providing sixty (60) days written notice to TMLP. TMLP will provide a final bill for such service with the next bill for service to the location of Customer.
- 7.2 By TMLP. TMLP may terminate service under this tariff (1) if Customer fails to maintain an average electric demand over a rolling twelve (12) month period that is equal to or greater than eighty (80%) percent of Customer's average electric demand during the Initial Demand Period or (2) in the event that the Facility impairs the operation of TMLP's electric distribution system or service to other customers or materially impairs the local circuit and the Customer does not cure the impairment at its sole expense or (3) if there are any changes in applicable regulations or state law that have a material adverse effect on TMLP's ability to provide such service.

## **VIII. ASSIGNMENT/TRANSFER OF OWNERSHIP OF THE FACILITY**

In the event that a transfer of ownership of the Facility to a new Customer occurs, the new Customer must file a new Application that must be approved by TMLP. Customer will remain the customer for all charges until service under this tariff has been terminated by Customer or TMLP.

## **IX. ADDITIONAL TERMS AND CONDITIONS**

TMLP may amend these Terms and Conditions as it deems necessary or desirable, in its sole discretion.

**Attachment 1**  
**Taunton Municipal Lighting Plant**  
**Application for Customer-Owned Generation Greater than 60 kW Up To A**  
**Maximum of 2000 kW**

**Contact Information**

Date Prepared: \_\_\_\_\_

**Legal Name and address of Customer (or, Company name, if appropriate)**

Customer or Company Name: \_\_\_\_\_ Contact Person: \_\_\_\_\_  
Mailing \_\_\_\_\_ Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Telephone (Daytime): \_\_\_\_\_ (Evening): \_\_\_\_\_  
Fax Number: \_\_\_\_\_ Email Address: \_\_\_\_\_  
Account Number: \_\_\_\_\_ Rate: \_\_\_\_\_

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

Name: \_\_\_\_\_  
Mailing Address: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Telephone (Daytime): \_\_\_\_\_ (Evening): \_\_\_\_\_  
Contact Person: \_\_\_\_\_ Fax Number: \_\_\_\_\_ Email Address: \_\_\_\_\_

**Net-Metering Facility Information**

Address of Facility: \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_  
Type of Generating Unit: Synchronous \_\_\_\_\_ Induction \_\_\_\_\_ Inverter \_\_\_\_\_  
Manufacturer: \_\_\_\_\_ Model: \_\_\_\_\_  
Nameplate Rating: \_\_\_\_\_(kW) \_\_\_\_\_(kVAr) \_\_\_\_\_(Volts) Single \_\_\_\_\_ or Three \_\_\_\_\_ Phase  
Prime Mover: Fuel Cell \_\_\_\_\_ Turbine \_\_\_\_\_ Microturbine \_\_\_\_\_ PV \_\_\_\_\_ Other \_\_\_\_\_  
Energy Source: Solar \_\_\_\_\_ Wind \_\_\_\_\_ Hydro \_\_\_\_\_ Fuel Cell \_\_\_\_\_  
For Solar PV provide system total nameplate (DC-STC) rating: \_\_\_\_\_(kW)  
  
Estimated Install Date: \_\_\_\_\_ Estimated In-Service Date: \_\_\_\_\_

**Application Process**

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true:

Customer Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date:

The information provided in this application is complete:

Company Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date:

**Net-Metering Facility Technical Detail**

Information on components of the net-metering facility that are currently UL Listed:

Equipment Type	Manufacturer Model	National Standard
1.		
2.		
3.		
4.		
5.		

Total number of generating units in net-metering facility?

Net-metering facility power factor rating:

Maximum adjustable leading power factor?

Maximum adjustable lagging power factor?

**Generator Characteristic Data (for all inverter-based machines)**

Maximum design fault contribution current? \_\_\_\_\_ Instantaneous \_\_\_\_\_ or RMS?

Harmonics characteristics:

Start-up power requirements:

**Generator Characteristic Data (for all rotating machines)**

Rotating frequency: \_\_\_\_\_ (rpm) Neutral grounding resistor (If Applicable):

**Additional Information for Synchronous Generating Units**

Synchronous reactance,  $X_d$ : \_\_\_\_\_ (PU)  
(PU)

Transient reactance,  $X'd$ :

Subtransient reactance,  $X''_d$ : \_\_\_\_\_ (PU)  
(PU)

Negative sequence reactance,  $X_2$ :

Zero sequence reactance,  $X_0$ : \_\_\_\_\_ (PU)

KVA Base:

Field voltage: \_\_\_\_\_ (Volts)

Field current: \_\_\_\_\_ (Amps)

**Interconnection Equipment Technical Detail**

Will a transformer be used between the generator and the point of interconnection? Yes No

If a transformer will be used, then Customer shall provide the necessary equipment.

Transformer Data (if applicable, for Customer-Owned Transformer):

Nameplate rating: \_\_\_\_\_ KVA Single \_\_\_\_\_ or Three \_\_\_\_\_ Phase

Transformer impedance: \_\_\_\_\_ (%) on a \_\_\_\_\_ kVA Base

If Three Phase:

Transformer primary: \_\_\_\_\_ Volts \_\_\_\_\_ Delta \_\_\_\_\_ Wye \_\_\_\_\_ Wye Grounded  
Other

Transformer secondary: \_\_\_\_\_ Volts \_\_\_\_\_ Delta \_\_\_\_\_ Wye \_\_\_\_\_ Wye Grounded  
Other

Transformer Fuse Data (if applicable, for Customer-Owned Fuse):

Attach copy of fuse manufacture's Minimum Melt and Total Clearing-Current Curves

Manufacture: \_\_\_\_\_ Type: \_\_\_\_\_ Size: \_\_\_\_\_ Speed:

Interconnection Circuit Breaker (if applicable):

Manufacture: \_\_\_\_\_ Type: \_\_\_\_\_ Load rating: \_\_\_\_\_ Interrupting rating: \_\_\_\_\_  
(Amps) (Amps)

Trip speed: \_\_\_\_\_ (Cycles)

Interconnection Protective Relays (if applicable):

(If microprocessor-controlled)

List of Functions and Adjustable Setpoints for the protective equipment or software:

Setpoint Function	Minimum	Maximum
1.		
2.		
3.		
4.		
5.		
6.		

(If discrete components)

(Enclose copy of any proposed Time-Overcurrent Coordination Curves)

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Style/Catalog No.: \_\_\_\_\_ Proposed Setting:

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Style/Catalog No.: \_\_\_\_\_ Proposed Setting:

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Style/Catalog No.: \_\_\_\_\_ Proposed Setting:

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Style/Catalog No.: \_\_\_\_\_ Proposed Setting:

**M.D.P.U. NO. 137**  
**Effective February 1, 2012**

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Style/Catalog No.: \_\_\_\_\_ Proposed Setting:  
Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Style/Catalog No.: \_\_\_\_\_ Proposed Setting:

Current Transformer Data (if applicable):

(Enclose copy of Manufacturer's Excitation & Ratio Correction Curves)

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Accuracy Class.: \_\_\_\_\_ Ratio Connection:  
Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Accuracy Class.: \_\_\_\_\_ Ratio Connection:

Potential Transformer Data (if applicable):

Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Accuracy Class.: \_\_\_\_\_ Ratio Connection:  
Manufacturer: \_\_\_\_\_ Type: \_\_\_\_\_ Accuracy Class.: \_\_\_\_\_ Ratio Connection:

**General Technical Detail**

Enclose 3 copies of site electrical One-Line Diagram showing the configuration of all generating facility equipment, current and potential circuits, and protection and control schemes with a Massachusetts registered professional engineer (PE) stamp.

Enclose 3 copies of any applicable site documentation that indicates the precise physical location of the Facility (e.g., USGS topographic map or other diagram or documentation).

Proposed Location of Protective Interface Equipment on Property:

(Include Address if Different from Application Address)

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Enclose copy of any applicable site documentation that describes and details the operation of the protection and control schemes.

Enclose copies of applicable schematic drawings for all protection and control circuits, relay current circuits, relay potential circuits, and alarm/monitoring circuits (if applicable).

Please enclose any other information pertinent to this installation.

**Approval to Install Facility (For TMLP use only)**

Highest demand during 12 month Initial Demand Period is \_\_\_\_\_.

Average demand during Initial Demand Period is \_\_\_\_\_.

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).

TMLP Signature: \_\_\_\_\_

Title: Customer Care Department Manager

Date: \_\_\_\_\_

TMLP Signature: \_\_\_\_\_

Title: Transmission and Distribution Department Manager

Date: \_\_\_\_\_

TMLP Signature: \_\_\_\_\_

Title: General Manager

Date: \_\_\_\_\_

**Attachment 2**  
**Taunton Municipal Lighting Plant**  
**Certificate of Completion for Net Metering**  
**For Customer-Owned Generation Of Greater than 60 kW**  
**Up To A Maximum of 2000 kW**  
**Certificate of Completion**

**Installation Information**

Interconnecting \_\_\_\_\_ Customer \_\_\_\_\_ (Print):  
Title: \_\_\_\_\_  
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: \_\_\_\_\_  
TMLP Date of Installation Approval: \_\_\_\_\_ Signature: \_\_\_\_\_

**Inspection:**

TMLP must receive a completed inspection certificate from the local wiring inspector.



**Attachment 2**  
**Taunton Municipal Lighting Plant**  
**Certificate of Completion for Net Metering For Customer-Owned Generation Of**  
**Greater than 60 kW Up To A Maximum of 2000 kW**  
**Certificate of Completion**  
**(Continued)**

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:

TMLP  
Attn: Administrator – Customer  
Care & Communications  
PO Box 870  
Taunton, MA 02780

Received by TMLP \_\_\_\_\_

Date & Initial \_\_\_\_\_

**Attachment 3**  
**Taunton Municipal Lighting Plant**  
**Example One-Line Diagram**

