

Interconnection and Service Agreement Application for Behind-the-Meter Installations

Instructions: Please fill out this application completely. See Terms and Conditions for Interconnections for more information on the application process.

Belmont Light Customer Information (legal name, account number, and address required)

Customer Name: _____ Account Number (on bill): _____

Address of Interconnection Facility: _____

Phone: _____ Email: _____

Installing Contractor/Coordinating Company Information

Company Name: _____

Company Contact: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Email: _____

Interconnection Facility Information

System #1

Status: ☐ Proposed ☐ Existing ☐ Removal

Type: ☐ Solar ☐ Battery ☐ Wind ☐ Hydro ☐ Other

Production Meter Make/Model: _____

Inverter/Battery Manufacturer: _____

Model Name and Number: _____

Quantity Used: _____ AC Nameplate kW rating (per unit): _____

DC-STC rating (solar only): _____ (kW) Supply: ☐ Single Phase ☐ Three Phase

UL Listed? ☐ Yes ☐ No *Please see below Total System #1 AC Design Capacity _____ kW

Total Continuous System #1 AC kW Output Available to Backfeed onto Electric Utility System: _____ kW
(Note: Enter 0 if for emergency off-grid backup purposes only)

Estimated Construction Start Date: ____/____/____ Estimated Completion Date: ____/____/____

Approval to Install Facility (for Belmont Light 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).

Belmont Light Signature: _____ Title: _____ Date: _____



40 Prince Street
Belmont, MA 02478-1927
(617) 993-2800
interconnections@belmontlight.com
www.belmontlight.com

Interconnection Facility Information (continued)

System #2

Status: ☐ Proposed ☐ Existing ☐ Removal

Type: ☐ Solar ☐ Battery ☐ Wind ☐ Hydro ☐ Other

Production Meter Make/Model: _____

Inverter/Battery Manufacturer: _____

Model Name and Number: _____

Quantity Used: _____

AC Nameplate kW rating (per unit): _____

DC-STC rating (solar only): _____ (kW)

Supply: ☐ Single Phase ☐ Three Phase

UL Listings: Need these requirements

Total System #2 AC Design Capacity _____ kW

Total Continuous System #2 AC kW Output Available to Backfeed onto Electric Utility System: _____ kW
(Note: Enter 0 if for emergency off-grid backup purposes only)

Estimated Construction Start Date: ____/____/____

Estimated Completion Date: ____/____/____

System #3

Status: ☐ Proposed ☐ Existing ☐ Removal

Type: ☐ Solar ☐ Battery ☐ Wind ☐ Hydro ☐ Other

Production Meter Make/Model: _____

Inverter/Battery Manufacturer: _____

Model Name and Number: _____

Quantity Used: _____

AC Nameplate kW rating (per unit): _____

DC-STC rating (solar only): _____ (kW)

Supply: ☐ Single Phase ☐ Three Phase

UL Listings: Need these requirements

Total System #3 AC Design Capacity _____ kW

Total Continuous System #3 AC kW Output Available to Backfeed onto Electric Utility System: _____ kW
(Note: Enter 0 if for emergency off-grid backup purposes only)

Estimated Construction Start Date: ____/____/____

Estimated Completion Date: ____/____/____

Interconnection Facility Information (continued)

Max Continuous kW Backfeed from System #1: _____ kW

Sum of Continuous kW Backfeed

Max Continuous kW Backfeed from System #2: _____ kW

from All Systems: _____ kW

Max Continuous kW Backfeed from System #3: _____ kW

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 Belmont Light Terms and Conditions for Residential and Commercial Interconnection:

Interconnecting Customer Signature: _____ Date: _____

*Please attach manufacturer's document showing UL1741 listing to this document and send to above address, along with an electrical schematic/one-line diagram showing facility interconnection, main utility metering and any premises sub-metering.

Belmont Light Terms and Conditions for Residential & Commercial Interconnections

1. **Construction of the Facility:** The application approval process begins once all required documents (see 2.2) and the Application Fee are received by Belmont Light staff (see 2.1.1). The Interconnecting Customer has Belmont Light authorization to construct the facility once the form on Part 1 of this document has been processed, approved, and signed by Belmont Light. Other permits may be required by Belmont's Office of Community Development.
2. **Interconnection and Operation Process:** The interconnecting Customer may operate the facility and interconnect with Belmont Light's system once the following has occurred:
 - 2.1. **Terms and Conditions:** Customer submits signed copies of Pages 1-3 of this form to Belmont Light, along with the additional documents described below, at address or by email as noted.
 - 2.1.1. **Application/Processing Fee:** The Customer shall mail or hand-deliver a non-refundable check in the amount of \$100 payable to Belmont Light. The service address and the word "interconnection" should be listed on the Memo line of the check.
 - 2.2. **Inverter Documentation:** Customer submits system one-line diagram and data sheets indicating IEEE 1547 / UL1741 listing. Documentation for inverters, panels, batteries, or other applicable equipment must be submitted.
 - 2.3. **Accurate Customer Account Information.** The account and meter information requested on Page 1 of this form must be accurately completed in order for Belmont Light to process the application. If incorrect account or meter numbers are submitted, Belmont Light will request an updated, corrected application form from the Interconnecting Customer.
 - 2.4. **Municipal Inspection:** The Interconnecting Customer will have the facility inspected or otherwise certified by the local electrical wiring inspector with jurisdiction prior to energization.
 - 2.5. **Certificate of Completion:** The Interconnecting Customer returns Part 2- Certificate of Completion (Page 3 of this document) to Belmont Light by mail or email. Both the Belmont Light copy as well as the Customer Copy of the Certificate of Completion shall be filled out and signed. This document will be used as the proof of inspection and grant of permission for the immediate operation of the system.
 - 2.6. **Company has completed or waived the right to inspection:** If witness test is deemed waived, customer submits photographs of installed distributed generation system and external AC disconnect switch.
 - 2.7. **Belmont Light has issued interconnection approval.** If requested, Belmont Light will provide a letter to the Customer documenting approval.
3. **Belmont Light Right to Inspection:** Within ten (10) business days after receipt of the Certificate of Completion, Belmont Light 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. Belmont Light has the right to disconnect the Facility in the event of improper installation or failure to return Certificate of Completion. If Belmont Light does not inspect in 10 days or by mutual agreement of the parties, the witness test is deemed waived.
4. **Safe Operations and Maintenance:** The interconnecting Customer shall be fully responsible to operate, maintain, and repair the facility.
5. **Access:** Belmont Light shall have access to the disconnect switch (if required) of the facility at all times.
6. **Disconnection:** Belmont Light may temporarily disconnect the facility to undertake planned or emergency work.
7. **Requirements for Inverter-Based Installations:** Belmont Light's distribution circuits generally operate with automatic re-closers, which activate following a trip without regard to whether the Facility is keeping the circuit energized. The Interconnecting Customer is responsible for protecting their equipment from being re-connected out of synch with Belmont Light's system.
 - 7.1. **For Facilities that utilize photovoltaic (PV) technology:** It is required that the system be installed in compliance with IEEE Standard 929-2000, "IEEE Recommended Practice for Utility Interface of (PV) Systems" or the applicable updated standard. The inverter shall meet the Underwriters Laboratories Inc. Standard UL 1741, "Static Inverters and Charge Controllers for Use in PV Power Systems" or the applicable updated standard.
 - 7.2. **For Facilities that utilize wind technology or other direct current energy sources and employ inverters for production of alternating current:** The inverter shall meet the Underwriters Laboratories Inc. Standard UL 1741, "Standard for Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources", or the applicable updated standard.
 - 7.3. **As specified in Section 2:** the following information must be submitted by the Interconnecting Customer for review and acceptance by Belmont Light prior to Belmont Light approving the Interconnecting Customer's request for interconnection: The make, model and manufacturer's specification sheet for the inverter and solar panels; An electrical wiring diagram of the Facility, including interconnection and metering.
8. **Protection Requirements:** If, due to the interconnection of the Facility, when combined with preexisting facilities interconnected to Belmont Light's system, the rating of any of Belmont Light's equipment or the equipment of others connected to Belmont Light's system will be exceeded or its control function will be adversely affected, Belmont Light shall have the right to require the Interconnecting Customer to pay for the purchase, installation, replacement, or modification of equipment to eliminate the condition, including costs associated with system impact analysis.
9. **Indemnification:** The Town of Belmont, Belmont Light, and all of their respective agents and employees shall be afforded the maximum exemption of limitations of liability available under 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 foregoing, and except to the extent otherwise expressly provided in M.G.L. Chapter 258:
Neither the Town of Belmont, nor Belmont Light, nor any of their respective agents or employees shall be liable to any person or agent: all liabilities, 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 with, the performance of this Agreement by



that party, except to the extent that such injury or damages to unaffiliated third parties may be attributable to the negligence of willful misconduct of the party seeking indemnification.

10. **Limitation of Liability:** Each party's liability to the other party for any loss, cost, claim, injury, liability, or expense, including reasonable attorney's fees, relating to or arising from any act or omissions in its performance of this Agreement, shall be limited to the amount of direct damage actually incurred. In no event shall either party be liable to the other party for any indirect, incidental, special, consequential, or punitive damages of any kind whatsoever.
11. **Metering and Billing:** All Facilities approved under this Agreement qualify for Distributed Generation, as approved by Belmont Light from time to time, and must comply with Belmont Light's Policy on Emission Free Renewable Energy Facilities.
12. **Termination:** This Agreement may be terminated under the following conditions:
 - 12.1. **By Mutual Agreement.** The Parties agree in writing to terminate the Agreement
 - 12.2. **By Interconnecting Customer:** The Interconnecting Customer may terminate this Agreement by providing written notice to Belmont Light.
 - 12.3. **By Belmont Light:** Belmont Light may terminate this Agreement if 1): the facility fails to operate for any consecutive 12-month period, or 2): the facility impairs the operation of the electric distribution system or service to other customers or 3): the facility impairs the local circuit and the interconnecting customer does not cure the impairment promptly
13. **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 Belmont Light.
14. **Interconnection Tariff:** These Terms and Conditions are pursuant to Belmont Light's Tariff for Interconnecting Customers with Emission-Free Renewable Generating Facilities, as approved by the Department of Public Utilities and as the same may be amended from time to time. All defined terms set forth in these Terms and Conditions are as defined in Belmont Light's Policy on Emission-Free Renewable Energy Facilities.

Customer Signature

I hereby certify that all of the information provided in this application is true to the best of my knowledge and I agree adhere to Belmont Light's Terms and Conditions for Residential and Commercial Interconnections:

Interconnecting Customer Signature: _____

Interconnecting Customer Name (Printed): _____

Date: _____

As a condition of interconnection you are required to send (email preferred) a signed copy of this form to:

interconnections@BelmontLight.com

OR

Attn: Interconnections
Belmont Light
40 Prince St
Belmont, MA 02478-1927