



POWERING YOUR COMMUNITY SINCE 1898

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# Demand Side Management Program Guide 2022

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Energy Efficiency and Electrification  
Incentive Programs for Belmont Homes,  
Businesses, and Municipal Buildings



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# Residential Program Guidelines



## Home Energy Assessment Program

### ***Description:***

Belmont Light offers no-cost, comprehensive energy assessments to all residential customers. As part of the assessment, a professional energy advisor will conduct a thorough analysis of your home's energy use, offer tips on appliance usage, and provide a report detailing recommendations and estimated savings for any suggested improvements. Participants are under no obligation to proceed with project work suggested during assessments. The advisor will also install up to \$30 of energy savings materials during the assessment. The assessment program includes a free thermal imaging scan.

### ***Guidelines:***

- Home energy assessments are provided at no-cost to residential customers
- Customers are eligible for an assessment once every three (3) years
- Home energy assessments are performed by a third-party, Energy New England
- Customers can call Energy New England to schedule an appointment at [1-888-772-4242](tel:1-888-772-4242)

### ***Note:***

- Due to COVID-19 restrictions, energy assessments may be offered virtually instead of in-person
- If an in-person audit is preferred, please discuss with Energy New England during scheduling



## Heat Pump Rebate Program

### ***Description:***

Highly efficient electric heat pump systems can help residents reduce energy bills and carbon footprints by up to 50%. These discounts are available to homes currently heated with any fuel type.

### ***Guidelines:***

- Rebate will be issued in the form of a check addressed to customer
  - Please contact Belmont Light if other arrangements need to be made
- Rebate amount will be determined by date of installation. Applications received in 2022, but with a date of installation prior to or on December 31, 2021, will receive the rebate amount for 2021.

### ***Requirements:***

- Heat pump installations must be completed by an experienced and licensed professional
- Limit of one rebate per year per customer account
- Applications must be reviewed by Abode Energy Management via pre-approval and post-installation Quality Assurance
  - Installations that occur after January 1, 2022 will not receive a rebate unless they have both pre-approval and post-installation QA from Abode
- Must meet NEEP Cold Climate Air-Source Heat Pump requirements
  - Recommended to check NEEP's online Cold Climate Air Source Heat Pump Product List
- At time of publishing, NEEP requirements were:
  - Central ducted system: 15 SEER, 9 HSPF
  - Single-head ductless mini-split: 15 SEER, 10 HSPF
  - Multi-split ductless: 15 SEER, 10 HSPF

### ***Rebate Process:***

1. Set up appointment with Heat Pump Specialist with Abode for discussion about ASHPs and installation process
2. Select contractor(s) for contact and proposal
3. Upon a signed contract with contractor:
  - a. Contractor submits preapproval form to Abode for review Submit proposal(s) to Heat Pump Specialist for discussion and review
  - b. If no issues, Abode issues preapproval letter for installation
  - c. If there are questions or feedback on system sizing and design, Abode contacts the contractor directly to discuss

4. Contractor installs ASHP system
5. During installation, contractor completes On-Site Install QA Form
6. Abode and/or contractor helps customer file rebate paperwork
7. Customer applies for ASHP rebate via our Online Rebate Portal
  - a. Abode provides assistance



**Supporting Documentation Required:**

- Invoice showing some or all payment made
- AHRI certificate with SEER and HSPF ratings
- Pictures of manufacturer labels on equipment showing model and serial numbers
- If applying for fossil fuel displacement adder:
  - o Picture of fossil fuel system removed
  - o Invoice showing removal line item
- If applying for rate-based adder:
  - o A copy of the most recent Belmont Light electric bill

**Rebate Amounts:**

Rebate is based on the cooling capacity of the system and the total of the system size at time of installation. Rebate is \$700 per ton, capped at \$5,000 or 50% of installation cost, whichever is less.

System Cooling Capacity (BTU/h)	Equivalent Tonnage	Rebate
Up to 11,999	Up to 1 ton	\$700
12,000 - 23,999	1 - 2 tons	\$1,400
24,000 - 35,999	2 - 3 tons	\$2,100
36,000 - 47,999	3 - 4 tons	\$2,800
48,000 - 59,999	4 - 5 tons	\$3,500
60,000 - 71,999	5 - 6 tons	\$4,200
72,000 - 83,999	6 - 7 tons	\$4,900
84,000+	7+ tons	\$5,000

**Adders:**

- Customers on Residential A Low-Income and Small Municipal MB rates are eligible for an additional \$1,00
- Customers who remove their old fossil-fuel based system or install an ASHP system during a gut renovation or new construction
  - o If you require clarification, please reach out to Belmont Light prior to beginning your project



## Weatherization Incentive Program

### ***Description:***

Residents and landlords that make improvements to their homes after having a home energy assessment, will be eligible for incentives. Improvements can include, but not limited to:

- Attic insulation
- Wall insulation
- Air sealing
- Duct sealing

### ***Guidelines***

- Home energy assessment (HEA) performed by an approved contractor within three (3) years
  - If you have not received a recent assessment, please contact Belmont Light
- Self-installation of material does not qualify for incentive
- Work must be performed by a licensed contractor
- Landlords are encouraged to contact Belmont Light to discuss how best to apply the rebate to their rental properties. Please email [energyresources@belmontlight.com](mailto:energyresources@belmontlight.com)

### ***Supporting Documentation Required:***

- Proof of HEA Report
- Invoice of work performed
- If applying for the Low-Income Adder: Latest bill for relevant account location

### ***Rebate Amounts***

- 75% of cost of air sealing and duct work, up to \$500
- 75% of cost of insulation, up to \$1,000

### ***Adder:***

- For units that are on the Low-Income Rate:
  - Air Sealing and Duct work – up to \$250
  - Insulation – up to \$500

## Appliance Rebate Program



### **Description**

The ENERGY STAR Appliance Rebate Program features rebates for ENERGY STAR qualified dehumidifiers and room air conditioner replacements, as well as rebates for central air conditioners, refrigerators, and room air conditioner additions.

### **Guidelines**

- Products must be ENERGY STAR certified. More information can be found on <https://www.energystar.gov/>
- Customers are limited to one (1) rebate per measure lifetime, except:
  - Dehumidifier – Limit two (2) per measure lifetime
  - Room AC – Limit three (3) per measure lifetime
  - Sensibo – Limit five (5) per measure lifetime
  - Wi-Fi Thermostat – Limit three (3) per measure lifetime
- Maximum incentive is limited to 50% of the cost of the individual product
- Standard clothes dryers, even with ENERGY STAR labels, do not qualify for the dryer rebate
- Heat pump systems do not qualify as an air conditioner for the purposes of this program. See the Heat Pump Rebate Program for more details.
- Heat Pump Hot Water Heaters rating are based on Northwest Energy Efficiency Alliance (NEEA)'s Advanced Water Heater Specifications
  - More information: <https://neea.org/our-work/advanced-water-heating-specification>
  - Qualified Products List: <https://neea.org/img/documents/qualified-products-list.pdf>
- Induction Stoves:
  - Both standalone cooktops and ranges with built-in induction cooktops are eligible
  - Cooktops must be at least 24 inches
  - To qualify for gas to electric conversions, customers must submit before and after photos showing the gas stove replaced with the induction stove. Customers that cannot provide both photos will qualify for lesser rebate of \$100.

### **Document Requirements**

- Sales receipt
- Proof of ENERGY STAR qualification
- \*Proof of DPW or vendor disposal (Refrigerator and Room AC)
- ~Proof of installation photo

## Rebate Amounts

Appliance	Measure Lifetime (Years)	Rebate Amount	Details
Refrigerator	12	\$100	15.0 cubic feet or larger (with DPW or vendor disposal)*
Heat Pump Dyer	12	\$300	
Dehumidifier	10	\$75	Limit 2 per measure lifetime per account
Room AC	8	\$100	With DPW or vendor disposal*
Room AC	8	\$25	No disposal
Induction Stove	10	\$100	Electric to Electric~ Cooktop ≥ 24 inches
Induction Stove	10	\$500	Gas to Electric~ Cooktop ≥ 24 inches
Induction Stove	10	\$500	New Construction~ Cooktop ≥ 24 inches
Portable Induction Cooktop	8	Up to \$75	Portable units
Sensibo Smart HVAC Controller	N/A	\$100	
Aquanta Water Heater Controller	N/A	\$100	
WiFi-enabled smart thermostat	15	\$100	
Flair Puck Smart Controller	10	\$100	
Hybrid Heat Pump Water Heater	13	\$250	Tier 1 or Tier 2 per NEEA guidelines
Hybrid Heat Pump Water Heater	13	\$500	Tier 3 or Tier 4 per NEEA guidelines



# Electric Vehicle Charger Rebate Program



## **Guidelines**

- Charger must be installed in a residential building
- Charger must be network enabled, Level 2 charging equipment
  - “Network enabled” is defined as the charger has the capability to connect to the internet and be able to transmit and receive information
  - “Level 2” is defined as 240-volt capable equipment
- Current models eligible:
  - JuiceBox
  - ChargePoint
  - Flo Home X5
  - JuiceNet-enabled devices
  - Tesla Generation 3
  - Wallbox Pulsar
- If you purchase a model that is not on the list, please contact Belmont Light at [617-993-2837](tel:617-993-2837) or email [energyresources@belmontlight.com](mailto:energyresources@belmontlight.com)
- Non-networked charging equipment is not eligible for this rebate

## **Document Requirements**

- Sales receipt
- Photo of installed charging station

## **Rebate Amounts**

- \$250 per charger



# Commercial Program Guidelines

## Commercial Audit Program

- Belmont Light offers discounted comprehensive energy assessments to commercial customers in partnership with Energy New England (ENE).
- This audit will assess the efficiency of all major end uses, including, but not limited to, lighting and HVAC operations. All fuel sources will be evaluated during the assessment.
- The auditor will go over possible improvements that can be made.
- A full energy conservation report will be made available within thirty (30) days of the site visit.
- Commercial energy assessments are offered to Belmont Light customers on a cost-sharing basis. The co-payment by the customer is based upon square footage of the commercial space.
- To schedule an assessment, contact ENE at [1-888-772-4242](tel:1-888-772-4242).

# Commercial Lighting Retrofit Program



## **Guidelines**

- Customer must receive electric service from Belmont Light
- Customer has account in good standing
- Application should be submitted prior to work starting
- Belmont Light reserves the right to reject any application that is incomplete or does not meet program criteria
- Rebates are available for the replacement or conversion of inefficient lighting equipment listed
- Projects that incorporate certain lighting controls will receive preference and possible additional funding. Contact Belmont Light for more details.
- Rebate processing, pre- and post-inspection services are provided by Energy New England (ENE)

## **Application Process**

- Submit the application and provide a quote for work to be performed. Send application to [solutions@ene.org](mailto:solutions@ene.org).
- Energy New England (ENE) will call to schedule a lighting assessment that must be completed prior to performing lighting retrofit work.
- ENE will provide an assessment report of eligible lighting to be replaced.
- Complete the lighting retrofit project.
- Submit a copy of the invoice to [solutions@ene.org](mailto:solutions@ene.org). ENE will call you to schedule a post-installation inspection. Once project is approved a rebate check will be issued within 4-6 weeks.

## **Document Requirements**

- Sales receipt
- Any requested supplemental documents

## **Rebate Amounts**

- Rebate will cover 50% of installation cost, including material and labor
- Maximum incentive is \$4,000



## Commercial Electrification Program

### ***Description***

To help customers transition to using transition devices and practices to be based on electricity, Belmont Light will work with customers to help find the best solutions. Projects can include upgrades to HVAC systems, installation of EV chargers, or equipment purchases. Lighting upgrades do not qualify for this program.

### ***Guidelines***

- Customer must receive electric service from Belmont Light
- Customer has account in good standing
- Application must be submitted prior to work starting
- Lighting upgrades do not qualify for this program
- Belmont Light reserves the right to reject any application that is incomplete or does not meet program criteria

### ***Application Process***

- Contact Belmont Light Energy Services department for discussion about project:
  - Email: [energyresources@belmontlight.com](mailto:energyresources@belmontlight.com)
  - Phone: [617-993-2837](tel:617-993-2837)
- Complete the project
- Submit a copy of the invoice to [solutions@ene.org](mailto:solutions@ene.org). ENE will call you to schedule a post-installation inspection. Once project is approved a rebate check will be issued within 4-6 weeks.

### ***Document Requirements***

- Invoices
- Supplemental calculations of added load, if required
- Equipment Data Sheets

### ***Rebate Amounts***

- Rebate will cover up to 50% of installation cost, including material and labor
- Maximum incentive is \$25,000

# General Access Program Guidelines



## Cordless Yard Equipment Rebate Program

### *Description*

Customers that purchase battery-operated electric yard equipment may be eligible for rebates. This program is open to residents of Belmont as well as commercial businesses operating within Belmont.

### *Guidelines*

- Applications must be tied to a current residential or commercial account
- Purchases must be made after January 1, 2021 to qualify for incentive
- Residential accounts are limited to:
  - \$500 per account per year
  - One (1) measure per account
- Rebate is no more than 50% of the total cost of the equipment

### *Document Requirements*

- Sales receipt

### *Rebate Amounts*

<b>Appliance and description</b>	<b>Rebate amount</b>
String Trimmers and Edgers	\$25
Leaf Blowers	\$30
Hedge Trimmers	\$40
Chain and Pole Saws	\$40
Pressure Washers	\$40
Rototiller	\$40
Push Lawn Mower	\$100
Riding Lawn Mower (non zero-turn)	\$200
Zero-Turn Riding Lawn Mower	\$400



## Emission-Free Renewable Distributed Generation

### *Description*

Belmont Light shares its customers' commitment to emission-free renewable energy. If you are considering installing solar panels or a wind turbine to supply energy to your home or business, please review our Policy on Emission-Free Renewable Energy Facilities effective December 1, 2015.

Belmont Light recognizes that the decision to host an emission-free renewable distributed generation facility requires careful consideration of many economic and physical factors. Our distributed generation policy is designed to provide customers with flexibility of contract and fuel options while maintaining low rates for all customers and the reliability and safety of our system. If you have questions regarding our policy or rate for solar PV customers please do not hesitate to contact us. Please email us at [interconnections@belmontlight.com](mailto:interconnections@belmontlight.com) with any questions regarding the interconnection process.

### *Application Process*

1. Submit Application Part 1 (Pages 1-4 of Interconnection and Service Agreement (ISA)) with supporting documents to [interconnections@belmontlight.com](mailto:interconnections@belmontlight.com)
2. Mail or hand-deliver interconnection fee to Belmont Light office
3. Within 10 business days of receiving application fee and all completed required documents, Application Part 1 is approved and signed by Belmont Light
4. Determine whether permits are required by other Town of Belmont offices/ departments
5. Upon completion of facility construction, conduct wire inspection.
6. Upon completion of wire inspection, submit a copy of Application Part 2. Certificate of Completion – Belmont Light Copy signed and dated by the local wire inspector to Belmont Light via email or hard copy. The Customer should retain the customer copy of the Certificate of Completion
7. Receive acknowledgment from Belmont Light of Certificate of Completion receipt and, if applicable, a letter from Belmont Light documenting permission to operate

### *Document Requirements*

- Interconnection and Service Agreement Application
- Inverter datasheet showing UL listing
- Panel data sheeting showing UL listing
- Other applicable equipment (i.e. battery storage or optimizers) datasheet(s) showing UL listing
- One-line diagram showing facility interconnection, main utility metering, any on-premises sub-metering
- Customer signature
- \$100 application fee mailed or hand-delivered to Belmont Light

## Green Choice Program



### ***Background***

Belmont Light is committed to supporting clean and renewable energy resources. Every Belmont Light customer also has the option of further supporting renewable energy resources through our voluntary Green Choice Program. By electing to participate in Green Choice, you can help sustain and support renewable energy resources for as little as \$3 per month added to your electric bill.

Funds from the Green Choice Program will be used to purchase Renewable Energy Certificates (RECs) from Class I qualified renewable energy resources. For each megawatt-hour of electricity produced by a qualified renewable resource, 1 REC is created on the New England Power Pool Generation Information System (NEPOOL GIS). Since it is physically impossible to determine where a unit of electricity comes from or flows to on the grid, the RECs market helps ensure that renewable resources remain competitive in New England by capturing their environmental value or “attributes” as a second product. As a Green Choice participant, you choose to contribute to a more sustainable power supply for New England.

### ***Eligibility and Participation***

- Customer must have an account in good standing
- Customers may elect to purchase as many blocks as they wish
- Customers may cancel their participation with 30 days’ notice
- Applications are available on Belmont Light’s website
- NOTE: An average residential home use 600 kWh per month in electricity

### ***Cost***

- Current market value puts a \$3 “block” able to purchase
- Up-to-date kWh equivalency is available on Belmont Light’s website:  
<https://www.belmontlight.com/residential-programs/green-choice-program/>

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