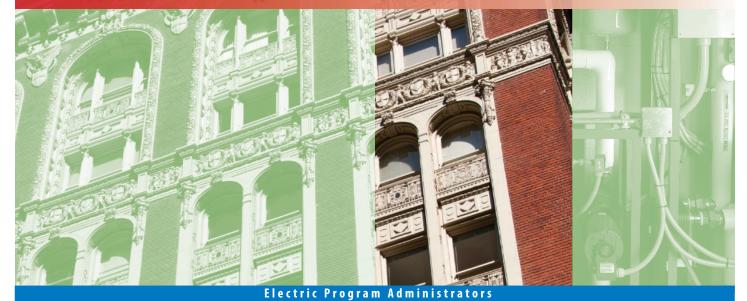


# **Motor & Variable Speed Drives**



Apply online at www.MassSaveApplicationPortal.com





Cape Light Compact Tel: 1-800-797-6699 www.capelightcompact.org efficiency@capelightcompact.org

## EVERS URCE

Eastern Massachusetts: Tel: 1-844-887-1400 www.eversource.com efficiencyma@eversource.com Western Massachusetts: Tel: 1-844-887-1400 www.eversource.com efficiencywmass@eversource.com

Gas Program Administrators

nationalgrid

National Grid Tel: 1-800-787-1706 www.nationalgridus.com efficiency@nationalgrid.com



Unitil Tel: 1-888-301-7700 <u>www.unitil.com</u> efficiency@unitil.com

## BERKSHIRE GAS

Berkshire Gas Tel: 1-800-944-3212 www.berkshiregas.com efficiency@berkshiregas.com

## Columbia Gase of Massachusetts EVERS=URCE

Columbia Gas of Massachusetts Tel: 1-800-232-0120 www.ColumbiaGasMA.com efficiency@columbiagasma.com

Eversource Energy Tel: 1-844-887-1400 <u>www.eversource.com</u> efficiencyma@eversource.com



Tel: 1-508-324-7811 www.libertyutilities.com efficiency@libertyutilities.com



National Grid Tel: 1-800-787-1706 www.nationalgridus.com efficiency@nationalgrid.com



Unitil Tel: 1-888-301-7700 <u>www.unitil.com</u> efficiency@unitil.com

2019 Motor & Variable Speed Drives Application Existing Buildings

Rev. 02/04/2019



The Retrofit Program is designed for commercial and industrial customers to help replace aging, inefficient equipment and systems with energy efficient technologies. The Retrofit Program provides a customer with incentives and technical services that will facilitate the installation of premium efficient equipment. Call your Program Administrator ("PA") to arrange a convenient time to perform an inspection of the existing equipment or systems.

## **Application Instructions**

For Replacement of Operating Equipment

## 1. Is your project eligible?

• Equipment shall be new and shall be installed in a commercial, industrial, institutional, educational, or municipal building within an electric Program Administrator's (PA's) service territory

## 2. Is the equipment you intend to buy eligible?

• Product types listed in this form are eligible for prescriptive incentives. However, other measures not listed here may be eligible for custom incentives using the Custom Retrofit Application

## 3. Pre-Approval requirements:

- · Contact your Program Administrator before purchasing and installing the equipment
  - To see if the energy efficient measure (EEM) qualifies for an incentive:
  - i. Review the Terms and Conditions governing the program, then submit a completed application form with an authorized signature
  - ii. Submit a copy of the Manufacturer's technical specification sheets ("cut sheets") for each type of eligible equipment to be purchased
  - iii. Once pre-approved, a "pre-approved incentive letter" will be issued

## 4. Installation and incentive requirements:

- Once pre-approved, purchase and install the qualifying equipment within twelve (12) months of PA's pre-approval
- Return the required information to your Program Administrator within 30 days of the installation:
  - i. A copy of the completed and signed pre-approval application
  - ii. If there is a change in equipment, please submit a new manufacturer's technical specification sheets ("cut sheets") for each type of eligible equipment purchased
  - iii. A copy of your invoice indicating Proof of Purchase must indicate type, size, make, and model number of the equipment and date of purchase and installation
  - iv. At the post-installation verification, the customer is required to sign the post-installation customer acknowledgement section of the original application

## Program details:

This incentive program covers applications created on or after January 1, 2019. Details including incentive levels, are subject to change without prior notice. Contact your Program Administrator for the latest program details.

Once completed, send this Application Form to the Program Administrator serving the specific customer account where the selected efficiency measure(s) will be installed. Contact information for all Program Administrators can be found on Page 1 of this Application.

Alternatively, Applications can be created and submitted online using the Mass Save Application Portal (www.MassSaveApplicationPortal.com). The Portal makes it possible to create and submit a single Application regardless of the number of measures, the number of end uses involved, and the types of projects or programs they span.

NOTE: If you are interested in financing your project, please contact your energy efficiency Program Administrator to discuss terms and eligibility prior to purchasing your qualifying equipment. Further information can also be found on www.masssave.com/en/learn/business/the-mass-save-financing-for-business-program/.

## ALL FIELDS ON THIS PAGE ARE REQUIRED TO COMPLETE YOUR APPLICATION

## Indicate the Program Administrator for this Application □ Cape Light Compact □ Eversource □ National Grid □ Unitil

<b>CUSTOMER/AC</b>	COUNT HOLDER INF	ORMATION				
COMPANY NAME		CONTACT PERSON			APPLICATION I	DATE
INSTALL SITE		PHONE		FAX NUMBER		
EMAIL ADDRESS				SQUARE FEET (C	OVERED BY THIS APP	LICATION)
STREET ADDRESS		CITY		STATE	ZIP	
MAILING ADDRESS (IF DIFFE	RENT)	CITY		STATE	ZIP	
ELECTRIC COMPANY NAME				ELECTRIC ACCO		
GAS COMPANY NAME				GAS ACCOUNT N	NUMBER	
BUILDING TYPE (PLEASE PL	ACE "X" IN APPROPRIATE BALLOT BO	DX)				
ASSEMBLY	FAST FOOD	HOTEL	MULTI STOP	RY RETAIL	RELIGIOUS	SMALL RETAIL
AUTOMOTIVE	FULL SERVICE RESTAURANT	LARGE REFRIGERATED SPACE	MULTIFAMIL	Y HIGH-RISE	K-12 SCHOOL	UNIVERSITY
BIG BOX	GROCERY	LARGE OFFICE	MULTIFAMIL	Y LOW-RISE	SMALL OFFICE	WAREHOUSE
COMMUNITY COLLEGE	HEAVY INDUSTRIAL	LIGHT INDUSTRIAL	OTHER:			
DORMITORY	HOSPITAL	MOTEL				

PAYMENT METHOD (PAYEE MUST SUBMIT A W-9 FORM)								
PAYMENT TO:	CUSTOMER	CUSTOMER – TAX ID# (REQUIRED)	VENDOR/INSTALLER - TAX ID# (REQUIRED IF RECEIVING INCENTIVE)					
	VENDOR/INSTALLER							
CHECK PAYABLE	E TO:	CUSTOMER COMPANY TYPE:	VENDOR COMPANY TYPE:					

VENDOR INFORMATION			
VENDOR/INSTALLER			
STREET ADDRESS	CITY	STATE	ZIP
PHONE	EMAIL ADDRESS		
DATE	VENDOR/INSTALLER AU	THORIZED SIGNATURE (	NOT APPLICABLE IF CUSTOMER IS PAYEE.)
	X		

CUSTOMER	ACCEPTANCE OF TERMS		
PRE-INSTALLATION	I CERTIFY THAT ALL STATEMENTS MADE IN THIS APPLIC AND THAT I HAVE READ AND AGREE TO THE TERMS AND		ANTICIPATED COMPLETION DATE
DATE	PRINT NAME	AUTHORIZED SIGNATURE	
POST-INSTALLATION	I CERTIFY THAT I HAVE SEEN THE ENERGY EFFICIENCY	MEASURES THAT HAVE BEEN INSTALLED AND I AM SATISFIEI	D WITH THEIR INSTALLATION.
DATE	PRINT NAME	AUTHORIZED SIGNATURE	

FOR PROGRAM ADMINISTRATORS ONLY								
REQUIRED INSPECTIONS	DATE	INSPECTOR	PROJECT COSTS:					
PRE-INSPECTION:			PROJECT COSTS.					
POST INSPECTION:			- LABOR \$:					
APPROVAL	DATE	PROGRAM MANAGER	EABON \$.					
PRE-APPROVED INCENTIVE:			- MATERIAL \$:					
FINAL INCENTIVE:			IVIAI ENIAL D:					

## Measure Information

Please review the eligibility requirements on page 6. Attach invoices, product specification sheets and other relevant documentation to this application. VSDs installed in process applications, waste water or municipal water supply applications may use the Custom Application process, which requires detailed energy savings calculations.

## Table 1: Select VSD Installation Type

BDF	Boiler Draft Fan	FWP	Boiler Feed Water Pump	PE	Process Exhaust and Make-up Fan
BEF	Building Exhaust Fan	HWP	Hot Water Circ Pump	RFA	HVAC Return Air Fan
CTF	Cooling Tower Fan (Single Speed only)	MAF	Make-up Air Fan	SFA	HVAC Supply Air Fan
CWP	Chilled / Cond Water Pump	РСР	Process Cooling Pump	WHP	WS Heat Pump Circ Loop

## Table 2: Select VSD Size

Horsepower	Incentive	Horsepower	Incentive	Horsepower	Incentive	Horsepower	Incentive
1 - 3	\$1,250	15	\$2,750	30	\$4,800	60	\$8,250
5 - 7.5	\$1,750	20	\$3,300	40	\$5,850	75	\$9,450
10	\$2,250	25	\$4,050	50	\$6,750	100 - 150	\$10,950

## Table 3: Controlling Parameters

DP	Pressure Differential	DT	Temperature Differential	ОТН	Other Specify	
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## Table 4: From Tables 1, 2 & 3 above, fill in using one line for each VSD & Motor.Attach specification sheets and invoice copies to this application

Installation Type (Table 1)	VSD & Motor Horsepower (Table 2)	Controlling Parameter (Table 3)	Motor Type (ODP or TEFC)	Motor Speed	NEMA Nominal Efficiency	Annual Hours of Operation	Alternate or Back up?	Location/Designation	Requested Incentive per VSD (Table 2)
							Alt.		
							Alt.		
							Alt.		
							Alt.		
							Alt.		
							Alt.		
							Alt.		
							Alt.		
							Alt.		
							Alt.		
							Alt.		
							Alt.		
If necessary, u	If necessary, use embedded Excel file to document additional inventory. Total Requested Incentive (this page)							ested Incentive (this page)	

## Important VSD Information

VSDs can be sensitive to over-voltages that occur when power factor correcting capacitor banks on the utility power system are switched on. A minimum 3% series reactor (inductor, choke) is strongly recommended on the drive AC input connections based on the horsepower of the VSD to be installed. In some instances your supplier may find it necessary to install 5% reactors and, rarely, additional filtering devices to meet acceptable current and voltage harmonic distortion requirements.

If your power factor is less than 0.8 (80%), we recommend that you consider power factor correction concurrent with the installation of drives.

The use of VSDs which incorporate pulse width modulation (PWM) may produce over-voltages which may cause premature failure of AC induction motors not rated for use with an inverter. We recommend that when installing PWM drives, you consider utilizing inverter rated motors.

## VSD Installation Information Form

## (required for all BDF, PCP, PE, & WSP installations)

Equipment Inform	nation	(		,					
Fan or Pump ID(s) _			(Exa	mple: Feedwater Pump #1; C	ondenser Water Pump #				
Device Code:		(Use list of applications types from page two, or describe other							
Type of area(s) serve	d by fan(s) or pump(s)	:							
Equipment served by	y the fan(s) or pump(s)	):							
If fan, note type:		(centrifugal, forwar	d curve, backward curv	e, axial, etc)					
Fan or Pump Nomina	al HP	(if multiple motors,	list individual HP's)						
		Nominal HP	Nameplate motor e	fficiency					
•	acturer:								
_	nditions: Flow			(inches static, feet of w					
5			-	et control valve, bypass valv	/e, etc.)				
Existing Set Point: _		(inches static, feet o	of water, PSI, other?)						
<b>Operating Hours</b>									
The fan or pump ope	erates the following ho	ours: (Example: 0600 to 1800	))						
Summer		Winter							
Weekdays	to	Weekdays	to						
Saturdays	to	Saturdays	to						
Sundays	to	Sundays	to						
Number of shifts per	weekday:								
Number of shifts per	weekend day:								
Motor Load									
Option 1: (retrofit):	Measured input powe	r under full load:	<b>kW</b> , (true	e RMS power)	Power Factor				
Option 2: (retrofit):	Measured current and	voltage under full load:	Amps	Volts					
Load calculation $=$ _	Volts X	( Amps X _	PF =	kW					
Option 3: (retrofit o	r new): Estimated Fan	or Pump Load:	%, Estim	ated Power	kW				
			lto coloulato novuon						

## **Proposed Operations**

The proposed VSD will be automatically controlled to maintain the following set points:							
Flow	(CFM, GPM, other?)	Pressure	(inches static, feet of water, PSI, other?)				
Other? (describe):							

## Table 5: Estimated VSD speed in future operations

	Sum	nmer	Winter		
Percent Load	Weekday	Weekend	Weekday	Weekend	
90% to 100%					
80% to 90%					
60% to 80%					
20% to 60%					
Totals (100%)					

## Eligibility Requirements

Prescriptive Incentives will be provided for the installation of Variable Speed Drives (VSD) from 1-150hp for ONLY the installation types outlined in Table 1:

- a. Supply Fan on constant volume supply air handler and VAV packaged HVAC unit [SFA]
- Return Fan on constant volume return air handler and VAV packaged HVAC unit [RFA]
- c. Boiler Draft Fan [BDF]
- d. Cooling Tower Fan [CTF]

All other VSD applications MUST file a Custom Application

- e. Chilled and Condenser Water Distribution Pump [CWP]
- f. Boiler Feed Water Pump [FWP]
- g. Water Source Heat Pump Circulation Pump [WHP]
- h. Heating Hot Water Pump [HWP]
- i. Process Cooling Pump [PCP]
- j. Process Exhaust and Make-up Fan [PE] (non VAV system)

VSDs must be controlled by an automatic signal in response to modulating air/water flows. The VSD speed must be automatically controlled by differential pressure, flow or temperature. Applicants must demonstrate significant load diversity that will result in savings through motor speed variation.

NOTE: The following VSD applications are NOT eligible for prescriptive incentives under this application:

- 1. Forward curve fans with inlet guide vanes,
- 2. Variable pitch vane-axial fans,
- 3. Planned replacement or replacement of previously failed VSD,
- 4. VSD used for balancing,
- 5. Two-speed cooling tower fans,
- 6. VSD used as two-speed control of fan or pump,

 VSD used to mitigate over-sized motor installation.
 VFDs on pumps in municipal or private water supply or wastewater facilities, used for applications other than HVAC circulating systems, must apply for incentives through the Custom Application process.

Motors must be new NEMA-Premium, inverter-duty rated, 3 phase, 1-150 hp, open drip proof (ODP) or totally enclosed fan cooled (TEFC), 1200, 1800, or 3600 RPM motors. Motors must operate a minimum of 2,000 hours annually and meet/exceed the minimum efficiency levels listed in the tables below.

	Minimum Efficiency Levels — Open Drip-Proof (ODP) Motors																	
NEMA Nominal Efficiency																		
Size (HP)	1	1.5	2	3	5	7.5	10	15	20	25	30	40	50	60	75	100	125	150
1200 RPM	82.5%	86.5%	87.5%	88.5%	89.5%	90.2%	91.7%	91.7%	92.4%	93.0%	93.6%	94.1%	94.1%	94.5%	94.5%	95.0%	95.0%	95.4%
1800 RPM	85.5%	86.5%	86.5%	86.5%	89.5%	91.0%	91.7%	93.0%	93.0%	93.6%	94.1%	94.1%	94.5%	95.0%	95.0%	95.4%	95.4%	95.8%
3600 RPM	77.0%	84.0%	85.5%	85.5%	86.5%	88.5%	89.5%	90.2%	91.0%	91.7%	91.7%	92.4%	93.0%	93.6%	93.6%	93.6%	94.1%	94.1%
Minimum Efficiency Levels — Totally Enclosed Fan-Cooled (TEFC) Motors																		
	NEMA Nominal Efficiency																	
Size (HP)	1	1.5	2	3	5	7.5	10	15	20	25	30	40	50	60	75	100	125	150
1200 RPM	82.5%	87.5%	88.5%	89.5%	89.5%	91.0%	91.0%	91.7%	91.7%	93.0%	93.0%	94.1%	94.1%	94.5%	94.5%	95.0%	95.0%	95.8%
1800 RPM	85.5%	86.5%	86.5%	89.5%	89.5%	91.7%	91.7%	92.4%	93.0%	93.6%	93.6%	94.1%	94.5%	95.0%	95.4%	95.4%	95.4%	95.8%
3600 RPM	77.0%	84.0%	85.5%	86.5%	88.5%	89.5%	90.2%	91.0%	91.0%	91.7%	91.7%	92.4%	93.0%	93.6%	93.6%	94.1%	95.0%	95.0%

## Table 6: ECM Motor Table

ECM Motors									
	Quantity	CFM Rating	Location	Dollars	Requested Incentive Dollars				
Electronically Commutated Motors									
Electronically Commutated Motors (ECM) For Fan Powered Boxes									
& Fan Coils or HVAC Supply Fans only									

## 1. Incentives

Subject to these Terms & Conditions, the PA will pay Incentives to Customer for the installation of EEMs.

## 2. Definitions

- (a) "Approval Letter" means the letter issued by PA stating PA's approval of Customer's application, the maximum approved Incentives, required date of EEM completion, any changes to Customer's application and any other requirements of the PA related to the Incentives.
- (b) "Customer" means the commercial and industrial ("C&I") customer maintaining an active account for service with either a gas or electric distribution company.
- (c) "EEMs" are those energy efficiency measures described in the Program Materials or other Custom Measures that may be approved by the PA.
- (d) "Facility" means the Customer location in Massachusetts served by the PA where EEMs are to be installed.
- (e) "Incentives" means those payments made by the PA to Customer pursuant to the Program and these Terms and Conditions. Incentives may also be referred to as "Rebates".
- (f) "Minimum Requirements Document" means the minimum requirements document that may be required by the PA, which, if so required, will be submitted with Customer's application and approved by PA.
- (g) "Program" means any of the energy efficiency programs offered to a C&I Customer by PA.
- (h) "PA" or "Program Administrator" means The Berkshire Gas Company, or Cape Light Compact JPE, or Columbia Gas of Massachusetts, or Eversource Energy, or Liberty Utilities, or National Grid, or Unitil, as applicable.
- (i) "Program Materials" means the documents and information provided or made available by the PA specifying the qualifying EEMs, technology requirements, costs and other Program requirements.

## 3. Application Process and Requirement for PA Approval

- (a) The Customer shall submit a completed application to the PA. The Customer may be required to provide the PA with additional information upon request by the PA. Customer will, upon request by the PA, provide a copy of the as-built drawings and equipment submittals for the Facility after EEMs are installed. To the extent required by the PA or by applicable law, regulation or code, this analysis shall be prepared by a Professional Engineer licensed in the state where the Facility is located.
- (b) To be eligible for gas funded EEM's Customer must have an active natural gas account. To be eligible for electric funded EEM's a Customer must have an active electric account. Customers must meet any additional eligibility requirements set forth in the Program Materials.
- (c) The PA reserves the right to reject or modify Customer's application. The PA may also require the Customer to execute additional agreements, or provide other documentation prior to PA approval. If PA approves Customer's application, PA will provide Customer with the Approval Letter.
- (d) The PA reserves the right to approve or disapprove of any application or proposed EEMs.
- (e) Sections 3(a)-(c) do not apply in the event that the Program Materials explicitly state that no Approval Letter is required for the Program. In such an event, Customer must submit to PA the following: (i) completed and signed Program rebate form, (ii) original date receipts for purchase and installation of EEMs, and (iii) any other required information or documentation within such time as Program Materials indicate.

## 4. Pre- and Post-Installation Verification; Monitoring and Inspection

- (a) Customer shall cooperate and provide access to Facility and EEM for PA's pre-installation and post-installation verifications. Such verifications must be completed to PA's satisfaction.
- (b) Customer agrees that PA may perform monitoring and inspection of the EEMs for a three year period following completion of the installation in order to determine the actual demand reduction and energy savings.

#### 5. Installation Schedule Requirements

If the Customer does not complete installation of the approved EEMs within the earlier of the completion date specified in the Approval Letter or twelve (12) months from the date the PA issues written pre-approval of the EEM project, the PA may terminate any obligation to make Incentive payments.

## 6. Incentive Amounts, Requirements for Incentives and Incentive Payment Conditions

- (a) The PA reserves the right to adjust and/or negotiate the Incentive amount. PA will pay no more than the cost to Customer of purchasing and installing the EEM, the calculated incremental cost, the prescriptive rebate on the form, or the amount in the Approval Letter (unless such Approval Letter is not required), whichever is less.
- (b) PA shall not be obligated to pay the Incentive amount until all the following conditions are met: (1) PA approves Customer's application and provides the Approval Letter (unless an Approval Letter is not required by the terms of the Rebate), (2) satisfactory completion of pre-installation and post-installation verifications by PA, (3) purchase and installation of EEMs in accordance with Approval Letter, Program Materials, Minimum Requirements Document, Customer's application and these Terms and Conditions, (4) all applicable permits, licenses and inspections have been obtained by Customer, (5) PA's receipt of final drawings, operation and maintenance manuals, operator training, permit documents, and other reasonable documentation, and (6) PA's receipt of all invoices for the purchase and installation of the EEMs.
- (c) All EEM invoices will include, at the minimum, the model, quantity, labor, materials, and cost of each EEM and/or service, and will identify any applicable discounts or other incentives.

(d) PA reserves the right, in its sole discretion, to modify, withhold or eliminate the Incentive if the conditions set forth in Section 6(b) are not met.

(e) Upon PA's written request, Customer will be required to refund any Incentives paid in the event that Customer does not comply with these Terms and Conditions and

Program requirements.

(f) PA shall use commercially reasonable efforts to pay the Incentive amount within forty-five (45) days after the date all conditions in Section 6(b) are met.

## 7. Contractor Shared Savings Arrangements

If EEMs are being installed by a contractor under a shared savings arrangement, in which the contractor's compensation is based on the savings achieved, the PA maintains the right to determine the cost of purchasing and installing the EEMs.

#### 8. Maintenance of EEMs

Customer shall properly operate and maintain the EEMs in accordance with the manufacturer's recommendations and the terms thereof for the life of the equipment.

## 9. Program/Terms and Conditions Changes

Program terms and materials (including these Terms & Conditions) may be changed by the PA at any time without notice. The PA reserves the right, for any reason, to withhold approval of projects and any EEMs, and to cancel or alter the Program, at any time without notice. Approved applications will be processed under the Terms and Conditions and Program Materials in effect at the time of the Approval Letter.

#### 10. Publicity of Customer Participation

The Customer grants to the PA the absolute and irrevocable right to use and disclose for promotional and regulatory purposes (a) any information relating to the Customer's participation in the Program, including, without limitation, Customer's name, project energy savings, EEMs installed, and incentive amounts, and (b) any photographs taken of Customer, EEMs, or Facility in connection with the Program, in any medium now here or hereafter known.

## 11. Indemnification and Limitation of the PA's Liability

To the fullest extent allowed by law, Customer shall indemnify, defend and hold harmless PA, its affiliates and their respective contractors, officers, directors, members, employees, agents, representatives from and against any and all claims, damages, losses and expenses, including reasonable attorneys' fees and costs incurred to enforce this indemnity, arising out of, resulting from, or related to the Program or the performance of any services or other work in connection with the Program, caused or alleged to be caused in whole or in part by any actual or alleged act or omission of the Customer, or any contractor, subcontractor, agent, or third party hired by or directly or indirectly under the control of the Customer, including any party directly or indirectly employed by or under the control of any such contractor, subcontractor, agent, or third party or any other party for whose acts any of them may be liable.

To the fullest extent allowed by law, the PA's aggregate liability, regardless of the number or size of the claims, shall be limited to paying approved Incentives in accordance with these Terms and Conditions and the Program Materials, and the PA and its affiliates and their respective contractors, officers, directors, members, employees, agents, representatives shall not be liable to the Customer or any third party for any other obligation. To the fullest extent allowed by law and as part of the consideration for participation in the Program, the Customer waives and releases the PA and its affiliates from all obligations (other than payment of an Incentive), and for any liability or claim associated with the EEMs, the performance of the EEMs, the Program, or these Terms and Conditions.

## 12. No Warranties or Representations by the PA

- (a) THE PA DOES NOT ENDORSE, GUARANTEE, OR WARRANT ANY CONTRACTOR, MANUFACTURER OR PRODUCT, AND THE PA MAKES NO WARRANTIES OR GUARANTEES IN CONNECTION WITH ANY PROJECT, OR ANY SERVICES PERFORMED IN CONNECTION HEREWITH OR THEREWITH, WHETHER STATUTORY, ORAL, WRITTEN, EXPRESS, OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THIS DISCLAIMER SHALL SURVIVE ANY CANCELLATION, COMPLETION, TERMINATION OR EXPIRATION OF THE CUSTOMER'S PARTICIPATION IN THE PROGRAM. CUSTOMER ACKNOWLEDGES AND AGREES THAT ANY WARRANTIES PROVIDED BY ORIGINAL MANUFACTURERS', LICENSORS', OR PROVIDERS' OF MATERIAL, EQUIPMENT, OR OTHER ITEMS PROVIDED OR USED IN CONNECTION WITH THE PROGRAM UNDER THESE TERMS AND CONDITIONS, INCLUDING ITEMS INCORPORATED IN THE PROGRAM, ("THIRD PARTY WARRANTIES") ARE NOT TO BE CONSIDERED WARRANTIES OF THE PA AND THE PA MAKES NO REPRESENTATIONS, GUARANTEES, OR WARRANTIES AS TO THE APPLICABILITY OR ENFORCEABILITY OF ANY SUCH THIRD PARTY WARRANTIES. THE TERMS OF THIS SECTION SHALL GOVERN OVER ANY CONTRARY VERBAL STATEMENTS OR LANGUAGE APPEARING IN ANY PA'S OTHER DOCUMENTS.
- (b) Review of the design and installation of EEMs by PA is limited solely to determine whether Program requirements have been met and shall not constitute an assumption by PA of liability with respect to the EEMs. Neither the PA nor any of its employees or contractors is responsible for determining that the design, engineering or installation of the EEMs is proper or complies with any particular laws, codes, or industry standards. The PA does not make any representations of any kind regarding the benefits or energy savings to be achieved by the EEMs or the adequacy or safety of the EEMs.
- (c) PA is not a manufacturer of, or regularly engaged in the sale or distribution of, or an expert with regard to, any equipment or work.
- (d) No activity by the PA includes any kind of safety, code or other compliance review.

#### **13. Customer Responsibilities**

Customer is responsible for all aspects of the EEMs and related work including without limitation, (a) selecting and purchasing the EEMs, (b) selecting and contracting with the contractor(s), (c) ensuring contractor(s) are properly qualified, licensed and insured, (d) ensuring EEMs and installation of EEMs meet industry standards, Program requirements and applicable laws, regulations and codes, and (e) obtaining required permits and inspections. PA reserves the right to (a) deny a vendor or contractor providing equipment or services, and (b) exclude certain equipment from the Program.

#### 14. Removal of Equipment

The Customer shall properly remove and dispose of or recycle the equipment, lamps and components in accordance with all applicable laws, and regulations and codes. Customer will not re-install any of removed equipment in the Commonwealth of Massachusetts or the service territory of any affiliate of the PA, and assumes all risk and liability associated with the reuse and disposal thereof.

#### 15. Energy Benefits

Other than the (i) the energy cost savings realized by Customer, (ii) energy or ancillary service market revenue achieved through market sensitive dispatch, (iii) alternative energy credits, and (iv) renewable energy credits, the PA has the unilateral rights to apply for any credits or payments resulting from the Program or EEMs. Such credits and payments include but are not limited to: (a) ISO-NE capacity, (b) forward capacity credits, (c) other electric or natural gas capacity and avoided cost payments or credits, (d) demand response program payments. Except for the credits and payments set forth in (i)-(iv) of this Section, Customer agrees not to, directly or indirectly, file payments or credits associated with the Program or EEMs, and further will not consent to any other third party's right to such payments or credits without prior written consent from the PA. PA's rights under this Section are irrevocable for the life of the EEMs unless the PA provides prior written consent.

#### 16. Customer Must Declare and Pay All Taxes

The benefits conferred upon the Customer through participation in this Program may be taxable by the federal, state, and local government. The Customer is responsible for declaring and paying all such taxes. The PA is not responsible for the payment of any such taxes.

## 17. Counterpart Execution; Scanned Copy.

Any and all Program related agreements and documents may be executed in several counterparts. A scanned or electronically reproduced copy or image of such agreements and documents bearing the signatures of the parties shall be deemed an original.

#### 18. Miscellaneous

- (a) Paragraph headings are for the convenience of the parties only and are not to be construed as part of these Terms and Conditions.
- (b) If any provision of these Terms and Conditions is deemed invalid by any court or administrative body having jurisdiction, such ruling shall not invalidate any other provision, and the remaining provisions shall remain in full force and effect in accordance with their terms.
- (c) These Terms and Conditions shall be interpreted and enforced according to the laws of the Commonwealth of Massachusetts. Any claim or action arising under or related to the Program or arising between the parties shall be brought and heard only in a court of competent jurisdiction located in the Commonwealth of Massachusetts.
- (d) In the event of any conflict or inconsistency between these Terms and Conditions and any Program Materials, these Terms and Conditions shall be controlling.
- (e) Except as expressly provided herein, there shall be no modification or amendment to these Terms and Conditions or the Program Materials unless such modification or amendment is in writing and signed by a duly authorized officer of the PA.
- (f) Sections 4(b), 10, 11, 12, 14, 15 & 18 shall survive the termination or expiration of the Customer's participation in the Program.