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1.0 Purpose

The operation of the SMART Provision is pursuant to the Solar Massachusetts Renewable Target ("SMART") Program regulations at 225 CMR 20.00 promulgated pursuant to Chapter 75 of the Acts of 2016, as applicable to STGUs that have received a FSOQ from the DOER. The SMART Provision provides for: (1) Incentive Payments for RPS Class I Renewable Generation Attributes and/or Environmental Attributes produced by an STGU; (2) AOBCs for energy generated by an AOBC Generation Unit; (3) the basis upon which Incentive Payments and AOBCs are determined; and (4) the recovery of any such Incentive Payments, AOBCs, and incremental administrative costs associated with the implementation and operation of the SMART Program.

2.0 Definitions

As used throughout this tariff, the following terms shall have the definitions set forth in this Definitions section.

2.1 Alternating Current ("AC") shall mean electric current that regularly reverses direction and changes voltage polarity. Solar panels produce direct current ("DC") and an inverter converts that DC into AC to operate appliances or be exported to the electric power system.

2.2 Alternative On-Bill Credit ("AOBC") shall mean the value of the net excess electricity generated and fed back to the Company by an AOBC Generation Unit during a billing period, calculated pursuant to Section 10.0 below.

2.3 AOBC Generation Unit shall mean an STGU that is eligible for an AOBC pursuant to the SMART Provision and is not compensated for energy generated pursuant to 220 CMR 8.00 or 220 CMR 18.00.

2.4 AOBC Payment/Credit Form shall mean a paper or electronic form or worksheet provided by the Company on which the Owner or Authorized Agent must provide all required information for the Company to process the transfer of AOBCs. The Owner or Authorized Agent shall provide the AOBC Payment/Credit Form directly to the Company and the SPA. The AOBC Payment/Credit Form will be updated and republished by the Company from time to time on its website. The list of AOBC Payment/Credit Form transfers may be updated no more than four times during a calendar year, unless allowed by the Company to be updated more frequently.

2.5 Authorized Agent shall mean a person or entity that serves under an agreement entered into by each of the Owners of an STGU for all dealings with the DOER and the Company.

2.6 Avoided Energy Supply Component ("AESC") Study refers to the study sponsored by electric and gas utilities and energy efficiency program administrators in support of the Company's energy efficiency plans.

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2.7 Base Compensation Rate shall mean the portion of an STGU's compensation rate related to the STGU's rated alternating current capacity, prescribed in 225 CMR 20.07(3) and as set forth in Appendix A, I and II.

2.8 Basic Service shall mean the rate in effect during the billing period as established by the Company's Department-approved Basic Service tariff.

2.9 Behind-the-Meter STGU shall mean a Solar Tariff Generation Unit that serves On-Site Load other than parasitic or station load utilized to operate the generation unit.

2.10 Buyout Eligible Facilities shall mean the Owner or Authorized Agent of: (i) an STGU that is co-located with an ESS, or (ii) a BTM STGU.

2.11 Buyout Option shall mean a Buyout Facility's one-time option to purchase the capacity rights of the solar generation from the Company.

2.12 Commercial Operation Date shall mean the date on which the Company grants permission to the STGU to operate in parallel with the Company's electric distribution system.

2.13 Community Shared STGU shall mean a Solar Tariff Generation Unit that provides electricity or bill credits to three or more Customers. No more than two participants may receive bill credits in excess of those produced annually by 25 kW of nameplate AC capacity, and the combined share of said participants' capacity shall not exceed 50 percent of the total capacity of the generation unit, except in the case of generation units smaller than 100 kW AC.

2.14 CSAP shall mean the Company's Department-approved community solar access program.

2.15 Company shall mean Massachusetts Electric Company and Nantucket Electric Company, as applicable.

2.16 Compensation Rate Adder shall mean special rate adders specific to certain types of STGUs established pursuant to 225 CMR 20.07(4) and as set forth in Appendix A, II., herein.

2.17 CSO shall mean capacity supply obligation.

2.18 Current Year shall mean the 12-month period for which a SMART Factor will be in effect.

2.19 Customer shall mean any person, partnership, corporation, or any other entity, whether public or private, who obtains delivery service at a customer delivery point and who is a customer of record of the Company.

2.20 Department shall mean the Massachusetts Department of Public Utilities.

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2.21 Distribution Company shall mean a company engaging in the distribution of electricity or owning, operating or controlling distribution facilities as defined in M.G.L. c. 164, § 1; provided, however, a Distribution Company shall not include a municipality utility established pursuant to the provisions of M.G.L. c. 164.

2.22 DOER shall mean the Department of Energy Resources.

2.23 Energy Storage System ("ESS") shall mean a commercially available technology that is capable of absorbing energy, storing it for a period of time and thereafter dispatching the energy, and that is co-located with an STGU that has qualified for the Energy Storage Adder pursuant to 225 CMR 20.07(4)(c).

2.24 Environmental Attributes shall mean all NEPOOL GIS Certificates and any other environmental benefits associated with the energy generation of an STGU.

2.25 Federal Low Income Requirements. For metropolitan areas, individuals and households with incomes at or below the greater of:

(a) 80% area median income; and
(b) 200% of the federal poverty level.

For non-metropolitan areas, individuals and households with incomes at or below the greater of:

(a) 80% area median income;
(b) 80% Statewide non-metropolitan area median income; and
(c) 200% of federal poverty level.

Such designation may be identified using the U.S. Department of Treasury's Community Development Financial Institutions Fund's Investment Area Eligibility dataset.

2.26 Federally Designated Environmental Justice Area shall have the same meaning as defined in 225 CMR 20.02.

2.27 Final Statement of Qualification (FSOQ) shall mean a document issued by the DOER that qualifies an STGU to participate in the SMART Program pursuant to 225 CMR 20.00, and authorizes the start of the STGU's tariff term and issuance of incentive payments. However, see also the definition of "Incentive Payment Effective Date" below.

2.28 Force Majeure Event shall mean any cause beyond the reasonable control of, and not due to the fault or negligence of, the Company or the Owner or Authorized Agent and which could not have been avoided by exercising commercially reasonable efforts, including, as

applicable, acts of war or terrorism, public disorder, insurrection or rebellion, embargo or national emergency; curtailment of electric distribution services; flood, hurricane, windstorm, tornado, earthquake, or other acts of God; explosion or fire; strikes, lockouts, or other labor disturbances (whether among employees of the Company or the Owner or Authorized Agent, its suppliers, contractors, or others); delays, failure, and/or refusal of suppliers to supply materials or services; orders, acts or omissions of the NEPOOL GIS Administrator, as applicable; embargoes; sabotage; or any other cause of like or different kind, beyond the reasonable control of the Company or the Owner or Authorized Agent. Notwithstanding the foregoing, a Force Majeure Event shall not be based on Owner's ability to sell market products at a price greater than the rates applicable to the STGU or the Company's ability to purchase market products at prices below the applicable rates.

2.29 Forward Capacity Market ("FCM") means the long-term wholesale electricity market, administered by ISO-NE, that assures resource adequacy, locally and systemwide. Capacity resources may be new or existing resources, and include supply from generators, import capacity, or demand resources.

2.30 Generation Attribute shall mean a Generation Attribute, as defined in 225 CMR 14.02.

2.31 GIS Certificate shall mean an electronic record produced by the NEPOOL GIS that identifies Generation Attributes of each Megawatt-hour (MWh) it counts.

2.32 Incentive Payment shall mean the payment to an STGU, including an AOBC Generation Unit, for RPS class I Renewable Generation Attributes and/or Environmental Attributes produced by these units, calculated pursuant to Section 7.0 below.

2.33 Incentive Payment Effective Date shall mean the earliest date on or after the Commercial Operation Date on which electrical energy output of an STGU can result in the creation of RPS Class I Renewable Generation Attributes and also be eligible to begin receiving Incentive Payments.

2.34 Incentive Payment/Credit Form shall mean a form or online application provided by the Company and submitted by the Owner or Authorized Agent prior to the Commercial Operation Date of the STGU. The Owner or Authorized Agent shall provide the Incentive Payment/Credit Form directly to the SPA. The Incentive Payment/Credit Form will be established and published by the Company from time to time on its website.

2.35 ISO-NE shall mean the independent system operator for New England, or its successor, authorized by the Federal Energy Regulatory Commission to operate the New England bulk power system and administer New England's organized wholesale electricity market pursuant to the ISO-NE Transmission, Markets, and Services Tariff and operation agreements with transmission owners.

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2.36 Interconnection Tariff shall mean the Company's Department-approved Standards for Interconnection of Distributed Generation tariff.

2.37 ISO-NE Control Area shall mean the states of Massachusetts, Connecticut, Rhode Island, Vermont, New Hampshire, and Maine.

2.38 kW and kWh shall mean kilowatt and kilowatt-hour, respectively.

2.39 Low Income Community Shared STGU shall mean a Community Shared STGU with at least 50 percent of its energy output allocated to Low Income Customers in the form of electricity or bill credits.

2.40 Low Income Customer shall mean a Customer that A) is on a low-income discounted rate of a Distribution Company; b) is a resident in a Low Income Eligible Area; c) provides documentation of participation in other needs-based programs, namely those that qualify customers for participation in a low income discounted rate, including but not limited to the Low Income Home Energy Assistance Program (LIHEAP), Supplemental Nutrition Assistance Program (SNAP), and Medicaid; d) is a qualified participant in the DOER's Solar for All Program; or e) self-attests to meeting the Federal Low Income Requirements or the definition of Low Income Customer through a form developed by the DOER.

2.41 Low Income Eligible Area shall mean a neighborhood, as identified through American Community Survey data, that has household income equal to or less than 65 percent of the statewide median income for Massachusetts or a Federally Designated Environmental Justice Area.

2.42 Low Income Property STGU shall mean an STGU with a rated capacity greater than 25 kW that provides all of its generation output in the form of electricity or bill credits to low or moderate income housing, as defined under M.G.L. c. 40B.

2.43 Low Income STGU shall mean an STGU less than or equal to 25 kW that serves Low Income Customers.

2.44 MW and MWh shall mean megawatt and megawatt-hour, respectively.

2.45 Net Metering Tariff shall mean the Company's Department-approved net metering tariff pursuant to 220 CMR 18.00.

2.46 New England Power POOL Generation Information System (NEPOOL GIS) shall mean the generation information database and certificate system, operated by NEPOOL, its designee or successor entity, that accounts for Generation Attributes of electrical energy consumed and generated within, imported into, or exported from the ISO-NE Control Area.

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2.47 O&M shall refer to operations and maintenance.

2.48 OSGFs shall mean On-site Generating Facilities, as defined in 220 CMR 8.02.

2.49 On-Site Load shall mean any new or existing electric load located at the site of an STGU including any parasitic load that may result from the installation of the STGU, and that is wired to receive a portion of the electrical energy output from the STGU before the balance of such output passes through the STGU's metered interconnection onto the electric distribution system.

2.50 Owner shall mean any person or entity that, alone or in conjunction with others, has legal ownership of an STGU.

2.51 Power Purchase Tariff shall mean the Company's Department-approved power purchase tariff pursuant to 220 CMR 8.00.

2.52 Preliminary Statement of Qualification (PSOQ) shall mean a document issued by the DOER that qualifies an STGU under 225 CMR 20.00. Such qualification is contingent upon the STGU reaching mechanical completion within its Reservation Period and receiving a FSOQ.

2.53 Prior Year shall mean a 12-month period prior to the Current Year.

2.54 QFs shall mean Qualifying Facilities, as defined in 220 CMR 8.02.

2.55 RECs shall mean Renewable Energy Certificates.

2.56 Reservation Period shall mean the period of time during which an STGU is entitled to a PSOQ reservation and a capacity block reservation prior to the STGU's receipt of notice of authorization to interconnect from the Distribution Company.

2.57 Massachusetts Renewable Portfolio Standard (RPS) shall mean the program established in Mass. Gen. Laws c. 25A, § 11F.

2.58 RPS Class I Renewable Generation Attribute shall mean a RPS Class I Renewable Generation Attribute as defined in 225 CMR 14.02.

2.59 SMART shall mean the Solar Massachusetts Renewable Target, under 225 CMR 20.00.

2.60 SMART Factor shall mean the volumetric charge that varies by rate class as calculated in Section 14 below and approved by the Department.

2.61 Solar Program Administrator ("SPA") shall mean the qualified entity selected by the electric distribution companies to facilitate the SMART Program.

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2.62 Solar Tariff Generation Unit ("STGU") shall mean a Generation Unit, as defined in 225 CMR 14.02 and 225 CMR 20.02, that generates electricity using solar photovoltaic technology and meets all of the eligibility criteria set forth in 225 CMR 20.05 and 225 CMR 20.06.

2.63 Standalone STGU shall mean an STGU that serves no associated On-Site Load other than parasitic or station load utilized to operate the Generation Unit or coupled Energy Storage System.

2.64 Terms and Conditions for Distribution Service shall mean the Company's Department-approved tariff governing distribution service provided to customers.

2.65 Unused AOBCs shall mean a balance of AOBCs on an AOBC Generation Unit's billing account. Unused AOBCs result when AOBCs are not applied, allocated, or transferred to recipient accounts.

3.0 Availability

Incentive Payments and, as applicable, AOBCs provided under this SMART Provision are available to the Owner or Authorized Agent of an STGU that has received a FSOQ from the DOER, has met all eligibility requirements from 225 CMR 20.00, has a total installed capacity of less than or equal to five megawatts (measured in MW AC), and is interconnected to the Company's electric distribution system. The Base Compensation Rates and any Compensation Rate Adders, which form the basis for Incentive Payments, are established by capacity blocks as shown in Appendix A. Other than STGUs selected under the one-time competitive procurement described in 225 CMR 20.07(3), no STGU shall be eligible to qualify in the Company's first capacity block unless it has a capacity equal to or less than one megawatt or is eligible to receive a Compensation Rate Adder. Projects will be enrolled in the SMART program by the Distribution Company in the order that they are received.

Incentive Payments and, as applicable, AOBCs provided under this SMART Provision are available to the Owner or Authorized Agent of Eligible STGUs installed on distribution infrastructure served, but not owned, by the Company, provided that (1) there is a Customer associated with the distribution infrastructure served by the Company; and (2) the STGU shall also comply with the requirements in Section 6.0, below.

4.0 Other Tariff Applicability

All Customers must comply with the Company's Interconnection Tariff and the Terms and Conditions for Distribution Service, as may be amended from time to time.

STGUs that are served on the Company's Net Metering tariff pursuant to 220 CMR 18.00 or Power Purchase tariff pursuant to 220 CMR 8.00 will receive Incentive Payments pursuant to the SMART Provision. The terms and conditions regarding the calculation and distribution of net metering credits or payments for purchased power are governed by the provisions of the applicable tariff.

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5.0 Metering

The Company will own, install, and maintain a meter on each STGU that complies with the metering standards applicable to the size of the STGU as defined in the Company's Interconnection Tariff or as required by ISO-NE for registration. All STGUs must be separately metered from any other existing electricity generating unit, whether such other units are taking service under the SMART Provision or not. Regular, periodic readings obtained from the meter will be used to determine Incentive Payments pursuant to Section 7.0 below. The Company must be provided adequate access to read the meter(s), and to install, repair, maintain, and replace the meter(s), if applicable. During the interconnection process, the Company will assess the Owner, Authorized Agent, or their designee of an STGU a charge for the installed cost of the meter, including necessary metering equipment (e.g., instrument transformers, communication equipment). An ESS co-located with an STGU greater than 60 kW may require separate metering, and during the interconnection process, the Company will assess a charge to the Owner, Authorized Agent or their designee for the installed cost of the meter, including necessary metering equipment (e.g., instrument transformers, communication equipment), if installed.

6.0 Conditions for Participation

Owners or Authorized Agents of an STGU must demonstrate compliance with the following conditions prior to receiving Incentive Payments and AOBCs, if applicable. Incentive Payments and AOBCs will be applied on a prospective basis only after all of the following conditions have been met.

6.1 The Owner must obtain the Company's written authority to interconnect and operate in parallel with the Company's electric distribution system.

6.2 Each STGU must have been issued a FSOQ from the DOER to begin to participate in the SMART program. FSOQs may be provided directly to the Company by the SPA.

6.3 The Company shall have the irrevocable rights and title to the RPS Class I Renewable Generation Attributes and/or Environmental Attributes of all STGUs for the term of their enrollment in this tariff. In addition, for those units that are also AOBC Generation Units, the Company will also have irrevocable rights and title to the energy and any market products associated with the sale of energy or energy services produced by the AOBC Generation Unit for the term of their enrollment in this tariff. These conditions may be met through the Company's election per Section 6.3.1 or Section 6.3.2.

6.3.1 RPS Class I Renewable Generation Attributes in the form of RECs must be delivered to the Company's appropriate NEPOOL-GIS account. For Standalone STGUs greater than 60 kW, this will be accomplished through the Company registering the STGU with the NEPOOL-GIS. Standalone STGUs greater than 60 kW shall provide all necessary information to, and cooperate with, the Company to enable the Company to provide necessary information to the NEPOOL-GIS for the

creation of RECs to be credited to the Company's appropriate NEPOOL-GIS account. The Company collects the RPS Class I Renewable Generation Attributes as they are created.

6.3.2 STGUs that are 60 kW or smaller, and BTM STGUs that are greater than 60 kW, shall provide all necessary information to, and cooperate with, the Company to enable the Company to obtain the appropriate asset identification for reporting generation to the NEPOOL-GIS for the creation of RECs to be credited to the Company's appropriate NEPOOL-GIS account. The Owner or Authorized Agent shall provide approvals or assignments, including, but not limited to, completing the Company's Renewable Energy Certificate Assignment and Aggregation Form, to facilitate the STGU's participation in asset aggregation or other model of asset registration and reporting for the term of enrollment in this tariff. This form will be collected by the SPA and provided to the Company.

6.3.3 Energy: Energy produced by AOBC Generation Units must be delivered to the Company in the Company's ISO-NE load zone at the delivery node associated with the STGU. As requested by the Company or ISO-NE, the Owner or Authorized Agent shall provide all necessary information as well as follow all requirements for all applicable market rules. As needed, the Company will report exported power from standalone AOBC Generation Units greater than 60 kW to ISO-NE as the host participant or assigned meter reader, as those terms are used in ISO-NE's Transmission, Markets, and Services Tariff and will include energy settlement revenue in the Company's annual SMART reconciliation. If the Company elects to register any AOBC Generation Unit less than or equal to 60 kW, the associated energy settlement revenue shall also be included in the Company's annual SMART reconciliation. The Company does not hold title to the energy associated with an ESS that is co-located with an STGU.

6.3.3.1 Load Reducer Option: The Company shall treat any BTM STGU as a load reducer and not register it in the energy market operated by the ISO-NE. However, should the BTM STGU's exported energy equal or exceed 35 percent of its annual energy production, the Company may treat the BTM STGU as an asset and register it in the ISO-NE energy market. The Company is not required to register as a market participant any STGU that demonstrates that it is designed as a non-exporter of energy.

6.3.4 Capacity:

(1) The Company does not hold title to the capacity associated with an ESS that is co-located with an STGU .

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(2) Unless the Buyout Option is properly elected under Section 6.3.5, title to the capacity rights associated with an STGU will automatically transfer to the Company upon enrollment in the SMART Program and the Company shall participate in the FCM under one of the following options:

(a) qualifying and bidding the capacity into the ISO-NE FCM to obtain a CSO as defined by ISO-NE ("Option 1"); or

(b) registering for performance incentive payments under the ISO-NE FCM Pay-for-Performance Project ("Option 2").

(3) The Company will be exempt from the requirement to participate in the FCM with respect to the capacity for a specific STGU if the facility cannot be qualified for the ISO-NE FCM due to circumstances outside of the Company's control, and the Company can demonstrate that it made reasonable efforts to mitigate the issues preventing qualification.

(4) Consistent with Section 6.3.4 and Section 6.3.5, if requested by the Company, the Owner or Authorized Agent of an STGU shall take all commercially reasonable means necessary to cooperate with the Company to qualify an STGU for participation in the ISO-NE FCM.

If the Company has already participated in the ISO-NE FCM by qualifying and bidding the associated capacity for an existing STGU that becomes a Buyout Eligible Facility as a result of being retrofitted with an ESS and subsequently exercises the Buyout Option, the Company shall transfer any associated CSOs, as defined by ISO-NE, to the facility owner upon receipt of full payment of the buyout.

The owner of a Buyout Eligible Facility electing the Buyout Option must make payment to the Company not later than 15 business days after the owner submits written notice of intent to exercise the Buyout Option to the Company. Within 15 business days after the Company receives the full buyout payment, it must provide the owner of the Eligible Facility with all necessary documents to transfer the title to the capacity rights to the owner.

6.3.5 Buyout Option: Buyout Eligible Facilities shall have a one-time Buyout Option to purchase the capacity rights of the solar generation from the Company. Such Buyout Option may be exercised by these facility owners under the following conditions:

(1) for a new STGU that is co-located with an ESS, any time after the filing of an interconnection application and before the Company issues an authorization

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to interconnect ;

(2) for a new BTM STGU , any time after the filing of an interconnection application and before the Company issues an authorization to interconnect; and

(3) for an existing Standalone STGU enrolled under the provisions of this tariff that retrofits with an ESS after the filing of a revised interconnection application and before the Company issues a new authorization to interconnect for the ESS.

7.0 Calculation of Incentive Payments

7.1 Standalone STGUs

Incentive Payments to Standalone STGUs will be in accordance with the formula specified in 225 CMR 20.08 and will be calculated for each monthly billing period as follows:

IP = (BCR + CRA – GS) * kWhgen – VOE

Where

IP = Incentive Payment.

BCR = Base Compensation Rate applicable to the STGU as specified in the STGU's FSOQ. The Base Compensation Rates are provided in Appendix A.

CRA = Compensation Rate Adder(s) applicable to the STGU as specified in the STGU's FSOQ.

GS = Greenfield Subtractor applicable to the STGU as specified in the STGU's FSOQ.

kWhgen = kWh generated by the STGU during the billing period measured after the reduction for parasitic or station load.

VOE = Value of Energy, determined as set forth below

(1) For Standalone STGUs that are taking service under the Company's Net Metering tariff, the VOE will be equal to the applicable net metering credit.

(2) For Standalone STGUs that are QFs or OSGFs and are not net metered pursuant to the Company's Net Metering tariff, the VOE credit will be calculated based on the Company's Power Purchase tariff.

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(3) For AOBC Generation Units, the VOE credit will be calculated based on the Basic Service rate applicable to the AOBC Generation Unit's rate class in effect during the billing period, as established by the Company's Basic Service tariff.

(4) Base Compensation Rates and, if applicable, Compensation Rate Adders, and/or Greenfield Subtractors are determined as authorized in the FSOQ, and those rates will not change during the period of time in which the STGU is receiving Incentive Payments unless as directed by the DOER, SPA or the Department.

7.2 Behind-the Meter STGUs

Incentive Payments to Behind-the-Meter STGUs will be in accordance with the formula specified in 225 CMR 20.08 and will be calculated for each monthly billing period as follows:

IP = (BCR + CRA – GS – VOEr) * kWhgen

Where

IP = Incentive Payment.

BCR = Base Compensation Rate applicable to the STGU as specified in the STGU's FSOQ. The Base Compensation Rates by capacity block are provided in Appendix A.

CRA = Compensation Rate Adder(s) Applicable to the STGU as specified in the STGU's FSOQ (e.g., Pollinator Adder, etc.).

GS = Greenfield Subtractor applicable to the STGU as specified in the STGU's FSOQ.

kWhgen = kWh generated by the STGU during the billing period, measured after the reduction for parasitic or station load, at the Generation or Production Meter.

VOEr = Value of Energy rate, determined as set forth below

(1) For Behind-the-Meter STGUs taking service under the Company's Net Metering tariff, the VOE_r will be equal to the sum of the Customer's currently applicable distribution kWh charge, transmission kWh charge, transition kWh charge plus the average of the Customer's applicable Basic Service kWh charge for the three calendar years immediately prior to the year in which the SMART application is filed with the DOER. The VOE_r will be specified on the FSOQ, and will not change during the period of time

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in which the STGU is receiving Incentive Payments, unless directed to change by the DOER.

(2) For BTM STGUs that are QFs, OSGFs, or AOBCs Generation Units that are not taking service under the Company's Net Metering tariff and that were issued an FSOQ prior to April 15, 2020, the VOE_r rate will be equal to the sum of the Customer's currently applicable distribution kWh charge, transmission kWh charge, transition kWh charge plus the average of the Customer's applicable Basic Service kWh charge for the three calendar years immediately prior to the year in which the SMART application is filed with the DOER. The VOE_r will be specified on the FSOQ, and will not change during the period of time in which the STGU is receiving Incentive Payments unless direct to change by the DOER.

(3) For Behind-the-Meter STGUs that are QFs, OSGFs, or AOBC Generating Units that are not net metered pursuant to the Company's Net Metering tariff and were issued an FSOQ on or after April 15, 2020, the VOE_R will be a weighted average equal to (a) 65% of the sum total of the Customer's currently applicable distribution kWh charge, transmission kWh charge, transition kWh charge plus the average of the Basic Service kWh charge for the three calendar years immediately prior to the year in which the SMART application is filed with the DOER, plus (b) 35% of the average of the Basic Service kWh charge for the three calendar years immediately prior to the year in which the SMART application is filed with the DOER. The VOE_r will be specified on the FSOQ and will not change during the period of time in which the STGU is receiving Incentive Payments, unless directed to change by the DOER.

(4) Base Compensation Rates and, if applicable, Compensation Rate Adders, and/or Greenfield Subtractors are determined as authorized in the FSOQ, and those rates will not change during the period of time in which the STGU is receiving Incentive Payment unless directed by the DOER, SPA or the Department. The applicable distribution, transmission and transition charges, and the three-year average of Basic Service rates will change once annually in Appendix A to this tariff.

7.3 <u>True-Up Payments for DC-Coupled STGUs co-located with ESS</u>

For DC-Coupled STGUs co-located with ESS, the Owner or Authorized Agent of the STGU may seek an annual "true-up" payment from the Company for any losses that may have reduced the STGU's Incentive Payments during the year. To qualify for such true-up payments, the Owner or Authorized Agent of the

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STGU must meet all requirements identified in the DOER's Guideline on Energy Storage. The DOER will be responsible to calculate true-up payment amount for the Company, and the Company shall pay the specified true-up payment amount to the Owner or Authorized Agent.

8.0 Distribution of Incentive Payments

The Company will disburse regular, periodic Incentive Payments, in the form of an electronic payment or as otherwise agreed to by the Company, to the STGU's Owner or Authorized Agent as specified on the Incentive Payment/Credit Form or AOBC Payment/Credit Form. If the Incentive Payment is to be disbursed to an Authorized Agent, the Owner must indicate so on the applicable Payment/Credit Form. The STGU's Owner or Authorized Agent must ensure that the Company has accurate information necessary for distribution of Incentive Payments and for taxpayer identification and reporting. Changes will be implemented by the Company no later than the next full billing cycle. Incentive Payments not paid due to inaccurate or incomplete records will be available for 90 calendar days, after which they may be forfeited.

9.0 Calculation of Buyout Payment

The Buyout Payment for the option pursuant to in Section 6.3.5 shall be calculated as follows:

ACF = [FNC * CCR * (60% * CP) * (80%) * SE] – ADM

Buyout Payment = Net Present Value of ACF.

Where

ACF = Annual Cash Flow, determined based on a discount rate of 10 percent and a term of 20 years less the time the Eligible Facility has participated in the SMART Program.

FNC = Facility Nameplate Capacity of the inverter using an AC rating.

CCR= Capacity Contribution Rate of 31.8%, initially, and as updated in each year ISO-NE issues a new Report of Capacity, Energy, Loads, and Transmission.

CP = Capacity Price based on the levelized 15-year forecast of capacity prices under the AESC Study, updated in any year a new final AESC Study is issued.

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SE =	Four months of annual solar eligibility in the ISO-NE FCM.
ADM =	Estimated long-term costs incurred by the Company in the administration of participation in the ISO-NE FCM, calculated at $1,300/MW and escalated at two percent per year.

If actual Administrative Costs differ significantly from those included in the Buyout Payment, the Company shall petition the Department for a revision to the Buyout Payment formula to more accurately reflect actual administrative costs.

10.0 Alternative On-Bill Credits

10.1 Basis of AOBCs

For AOBC Generation Units, the AOBC will be equal to the Basic Service rate applicable to the AOBC Generation Unit's rate class in effect during the billing period as established by the Company's Basic Service tariff, or a rate approved by the Department for AOBC facilities enrolled in any Company offered CSAP, as allowed by Section 10.4, multiplied by the kWh measured on the Company's service or revenue meter. The AOBCs will be applied to the single host account associated with the AOBC Generation Unit.

10.2 AOBC Payment/Credit Form

The Owner of the AOBC Generation Unit must complete an Incentive Payment/Credit Form and AOBC Payment/Credit Form indicating how the AOBCs are to be transferred to Customer accounts other than the AOBC Generation Unit's account in the Company's service area. It is the responsibility of the Owner or the Authorized Agent to ensure that billing account information of the designated recipients of AOBCs and information necessary for distribution of Incentive Payments is accurately reflected on the AOBC Payment/Credit Form and provided on any forms required for taxpayer identification and reporting.

The Company shall not transfer AOBCs without a completed Incentive Payment/Credit Form and AOBC Payment/Credit Form. Such allocations are allowed up to two decimal places and the AOBC Payment/Credit Form and any subsequent updates to the Form will not be considered complete unless allocations correctly total at least 90 percent to active and valid Customer accounts and there are no billing account number or customer name errors. At its option, the Company may increase the number of decimal places on the AOBC Payment/Credit Form once there is automation of AOBCs, if it does not place an undue burden on the Company.

Changes will be implemented by the Company no later than the next full billing cycle .

10.3 Unused AOBCs

At its option or as requested by the Owner, the Company may pay a designated recipient, in a lump sum amount, any Unused AOBCs remaining on the billing account of an AOBC Generation Unit at the end of a

12-month period ending March 31. The Company may also offer to allocate Unused AOBCs to eligible accounts using the same criteria as regular AOBC allocations. Owners that achieve commercial operation on or after January 1, 2021, may receive a lump sum payment in the amount of the Unused AOBCs. Owners with AOBCs that achieved commercial operation prior to January 1, 2021 may receive a lump sum payment of the Unused AOBCs, adjusted by the ratio of the average ISO-NE Locational Marginal Pricing rate that was realized by the settlement of the output of STGUs with ISO-NE over the course of the year divided by the average Basic Service rate for the 12-month period.

Any Owner receiving payment by the Company for Unused AOBCs and whose AOBC Payment/Credit Form has allocations totaling less than 100 percent, must provide a revised AOBC Payment/Credit Form that allocates 100 percent of credits to eligible recipients.

AOBCs transferred to recipient Customer accounts that are not used by a recipient Customer shall carry forward on the recipient Customer's billing account, from billing period to billing period.

If a Host or recipient Customer closes an account with a balance of AOBCs remaining on it, then the AOBCs may be re-allocated to another account with the same Distribution Company for up to one year after account closure using the same criteria as regular AOBC allocations.

10.4 Community Solar Access Programs

At its option, the Company may propose and receive Department approval for one or more CSAP, that may offer billing, enrollment, default management, and credit netting services to AOBC facilities also operating as Community Shared STGUs, including Low-Income Community Shared STGUs. If accepted for enrollment in such a program, enrolled systems must comply with the CSAP Program Rules, attached as Appendix B, and all other rules, requirements and fees specified therein shall apply for the term of enrollment of that facility. In addition, only STGUs enrolled in a CSAP Program that serves low-income customers may be counted by the Company for purposes of meeting set-asides for Low-Income CSS projects, as per 225 C.M.R. 20.05(3)(d).

11.0 Term of Tariff

All STGUs with capacities larger than 25 kW AC will be eligible to receive compensation under this tariff for 20 years from the STGU's Incentive Payment Effective Date. All STGUs with capacities less than or equal to 25 kW AC will be eligible to receive compensation under this tariff for 10 years from the STGU's Incentive Payment Effective Date. This tariff will remain in effect until the costs incurred to administer the SMART Program have been fully recovered through the SMART Factors and termination of this tariff has been granted by the Department.

12.0 Applicability of SMART Factor

The SMART Factor shall be determined in accordance with Section 14.0 below, subject to the Department's review and approval. The costs to determine the SMART Factor shall include both 225 CMR 20.00 and

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225 CMR 28.00 SMART program costs, shall be applied to all bills issued by the Company, shall be assessed to the kWh of all retail delivery service customers based on the readings of usage from the retail, service, or revenue meter and the readings of generation from the production or generation meter, and will be identified as "Distributed Solar Charge" on customer bills.

13.0 SMART Factor Effective Date

The SMART Factor shall be effective January 1 of each year, unless otherwise ordered by the Department.

14.0 Calculation of SMART Factor

The SMART Factor, as defined herein, shall be determined in accordance with this Section in the form of a volumetric charge that varies by rate class, subject to the Department's review and approval. Costs that are ineligible for recovery through the SMART Factor include, but are not limited to: (1) SPA costs, and (2) overhead and burdens O&M expenses, unless the Department approves such expenses. Capitalized overhead and burdens are eligible for recovery provided the associated expenses meet the requirements of the test referenced in Section 16.0. The SMART Factor recovers the annual incremental costs that the Company incurs during the applicable 12-month period associated with the SMART Program. The SMART Factor shall include estimated Incentive Payments, AOBCs, and Market Revenue. The Company will reflect actual Incentive Payments, AOBCs, and Market Revenue, along with actual incremental administrative costs, in determining the amount it has under or over-recovered through the applicable year's SMART Factor.

The SMART Factor shall be calculated as follows:

$$SFxs = (IPx + ABCx - MRx + ADMx\text{-}1 + RAx\text{-}1) * BDRAs \div FkWhxs$$

Where

x = The Current Year.

s = A separate value for the following rate classes: R-1/R-2, G-1, G-2, G-3, and Streetlighting.

SFxs = The SMART Factor for the Current Year for each rate class.

IPx = Estimated Incentive Payments issued in the Current Year, net of any forfeited Incentive Payments.

ABCx = Estimated AOBCs issued in the Current Year, net of any forfeited AOBCs.

MRx = Estimated Market Revenue in the Current Year as determined by:

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(1) the market value or the net proceeds from the sale or use of the RPS Class I Renewable Generation Attributes and/or Environmental Attributes procured pursuant to the SMART provision;

(2) net proceeds from the sale of energy generated by AOBC Generation Units greater than 60 kW;

(3) net proceeds received from ISO-NE for participation in the ISO-NE FCM by AOBC Generation Units; and

(4) payments received under the Buyout Option described in Section 6.3.5.

The market value of RPS Class I Renewable Generation Attributes and/or Environmental Attributes procured pursuant to the SMART provision and used by the Company shall be determined from actual sales or purchases, and/or recent quotes from market participants.

For net proceeds received as a result of the Company's participation in the FCM, amounts shall be included in the annual SMART Factor as follows: (1) 80 percent of the net proceeds under Option 1 pursuant to Section 6.3.4(2)(a); and (2) 100 percent of the net proceeds under Option 2 pursuant to Section 6.3.4(2)(b).

ADMx-1 = The incremental capital and O&M administrative cost the Company incurred in the Prior Year necessary to meet SMART Program objectives, including, but not limited to, billing system improvements, additional personnel required for ongoing operations, and those costs solely attributable to participation in the ISO-NE FCM as described in Section 6.3.4(2) and Section 6.3.5. Incremental administrative costs include the revenue requirement associated with cumulative capital improvements placed in service up through the Prior Year.

RA = The Reconciliation Amount is the sum of (a) the difference between (1) the actual IP, ABC, and MR incurred in the Prior Year plus incremental administrative costs approved for recovery in prior years; and (2) the amount of SF revenue billed by the Company during the Prior Year, plus any credits from Unused AOBCs. Interest shall be applied to the reconciling balance at the Prime Rate as reported by the Wall Street Journal.

BDRA = The Base Distribution Revenue Allocator percentage for each rate class.

FkWhxs = Forecasted kWh for each rate class for the Current Year.

The Base Distribution Revenue Allocator shall be derived from the Company's most recent general rate case as approved by the Department and shall be as follows by rate class:

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Rate R-1/R-2	60.6%
Rate G-1	12.0%
Rate G-2	10.7%
Rate G-3	16.3%
Streetlighting	0.4%

Interim SMART Factor Adjustments

If at any time during the year, the annual SMART Program costs are ten percent above or below the costs the Company is recovering through its SMART Factor, the Company may petition the Department for an interim adjustment prior to its next scheduled SMART Factor filing.

15.0 Determination of Incremental Administrative Cost

To be eligible for inclusion as an incremental administrative cost recoverable through the SMART factor, the Company shall demonstrate that all O&M expenses incurred in the performance of SMART Program activities and proposed for recovery through the SMART factor are:

(1) incremental to the representative level of O&M expenses recovered through all other rates billed by the Company to its customers; and

(2) directly related to SMART Program activities.

The Company shall apply these thresholds to all O&M expenses for which it seeks recovery for Department review in annual SMART Factor filings.

16.0 Overhead and Burden Adjustments

The Company will perform an overhead and burdens test to demonstrate that actual overhead and burdens costs charged to SMART Program capital projects are incremental to amounts recovered in base distribution rates and other reconciling mechanisms. This test shall compare the actual O&M overhead and burdens and the amount included in base distribution rates in each year. If the actual O&M overhead and burdens exceed the amount included in base distribution rates, capitalized overheads and burdens recovered through a reconciling rate shall be reduced by the amount of the excess. The Company shall determine whether such reduction is required for all reconciling mechanisms that require such a determination once each year, and the determination shall be included in the Company's annual Grid Modernization Plan cost recovery filing. In addition, the percentage of capitalized overhead and burdens assigned to SMART Program capital projects shall be set equal to the ratio of SMART Program costs to total direct costs in any given year.

17.0 Filing of SMART Factors for Department Approval

Changes to the SMART Factors shall be filed with the Department at least 60 days prior to January 1. Such filing shall include the reconciliation of the amount recoverable through prior SMART Factors, as

appropriate, and include supporting calculations for estimated Incentive Payments and describe any cost variances as defined in the Company's project authorization policies.

18.0 Additional Terms and Conditions of Service

18.1 Cooperation and Qualification of STGUs for Other Programs, Incentives, and Markets. Consistent with Section 6.3, if requested by the Company, the Owner or Authorized Agent of an enrolled STGU shall take all commercially reasonable means necessary, and pay any costs or fees associated with such actions, to cooperate with the Company to qualify an STGU for other available federal, state, regional, local, and voluntary programs, incentives, and/or markets that would increase the value or marketability of the STGU's products and attributes including but not limited to registering the STGU with other states in order to qualify for such states' RPS or similar program(s). Such Owner or Authorized Agent shall comply with all rules of such programs, incentives, and markets including, without limitation, rules that relate to the creation, tracking, recording, and transfer of all Environmental Attributes that are to be transferred under this tariff.

18.2 Non-Compliance. The Owner or Authorized Agent of an STGU shall comply with the provisions of this tariff and the requirements of its FSOQ through the end of the period during which the STGU is eligible to receive Incentive Payments pursuant to Section 7.0. Only the STGU described on the FSOQ is eligible to participate under this tariff. In no event shall an STGU's nameplate capacity exceed what is allowed by the FSOQ. If an STGU exceeds the nameplate capacity allowed by the FSOQ, or the Company determines that an Owner or Authorized Agent has violated the terms and conditions of this tariff, the Company will report the non-compliance immediately to the DOER, and the DOER shall issue a notice of non-compliance to the Owner or Authorized Agent and to the Company. Upon receipt of a notice of non-compliance from the DOER, the Company may suspend payment of Incentive Payments and AOBCs, if applicable, and/or take other action as required the DOER until such time as the non-compliance has been remedied.

Neither the Company nor the Owner or Authorized Agent shall be deemed in non-compliance for failure or delay in the performance of any obligation under the tariff if and to the extent that such delay or failure is due to a Force Majeure Event.

The party claiming Force Majeure shall notify the other party and the DOER of the occurrence thereof as soon as possible and shall use reasonable efforts to resume performance immediately. In no event shall a claim of Force Majeure or a Force Majeure Event operate to extend the STGU's eligibility to receive Incentive Payments pursuant to Section 7.0.

18.3 Termination Provisions. The DOER has the authority to suspend or revoke FSOQs. If the Owner or Authorized Agent or the Company receives confirmation from the DOER that the Owner's FSOQ has been suspended or revoked, or if the Owner or Authorized Agent has failed to satisfy the Owner's obligations under this tariff, the Company may elect to terminate

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its obligations under this tariff. Neither the Owner or Authorized agent nor the Company may terminate their obligations under this tariff with less than 30 days' notice to the other party.

18.4 Governing Law. This tariff is governed by the provisions of 225 CMR 20.00 and Chapter 164 of the General Laws.

18.5 Dispute Resolution. Disputes shall generally be resolved in accordance with D.P.U. 17-140-A at 202-204. Neither the Company nor the Department shall be responsible for resolving disputes between the Owner of an AOBC Generation Unit and those Customers to whom the Owner is transferring AOBCs.

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I. Base Compensation Rates

a. Massachusetts Electric Company

Standalone Generation Unit Capacity	Base Compensation Rate Factor	Term Length	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7	Block 8
Low Income ≤ 25 kW AC	230%	10-year	$0.35795	$0.34363	$0.32989	$0.31669	$0.30402	$0.29186	$0.28019	$0.26898
≤ 25 kW AC	200%	10-year	$0.31126	$0.29881	$0.28686	$0.27538	$0.26437	$0.25379	$0.24364	$0.23390
> 25 kW, ≤ 250 kW AC	150%	20-year	$0.23345	$0.22411	$0.21514	$0.20654	$0.19828	$0.19034	$0.18273	$0.17542
> 250 kW, ≤ 500 kW AC	125%	20-year	$0.19454	$0.18676	$0.17929	$0.17211	$0.16523	$0.15862	$0.15228	$0.14618
> 500 kW, ≤ 1,000 kW AC	110%	20-year	$0.17119	$0.16435	$0.15777	$0.15146	$0.14540	$0.13959	$0.13400	$0.12864
> 1,000 kW, ≤ 5,000 kW AC	100%	20-year	$0.15563	$0.14940	$0.14343	$0.13769	$0.13218	$0.12690	$0.12182	$0.11695
> 1,000 kW, ≤ 5,000 kW*		20-year								

Standalone Generation Unit Capacity	Base Compensation Rate Factor	Term Length	Block 9	Block 10	Block 11	Block 12	Block 13	Block 14	Block 15	Block 16
Low Income ≤ 25 kW AC	230%	10-year	$0.25822	$0.24789	$0.23798	$0.22846	$0.21932	$0.21055	$0.20212	$0.19404
≤ 25 kW AC	200%	10-year	$0.22454	$0.21556	$0.20694	$0.19866	$0.19071	$0.18308	$0.17576	$0.16873
> 25 kW, ≤ 250 kW AC	150%	20-year	$0.16840	$0.16167	$0.15520	$0.14899	$0.14303	$0.13731	$0.13182	$0.12655
> 250 kW, ≤ 500 kW AC	125%	20-year	$0.14034	$0.13472	$0.12933	$0.12416	$0.11920	$0.11443	$0.10985	$0.10546
> 500 kW, ≤ 1,000 kW AC	110%	20-year	$0.12350	$0.11856	$0.11381	$0.10926	$0.10489	$0.10070	$0.09667	$0.09280
> 1,000 kW, ≤ 5,000 kW AC	100%	20-year	$0.11227	$0.10778	$0.10347	$0.09933	$0.09536	$0.09154	$0.08788	$0.08436
> 1,000 kW, ≤ 5,000 kW*		20-year								

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Behind the Meter Generation Unit Capacity	Base Compensation Rate Factor	Term Length	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7	Block 8
Low Income ≤ 25 kW AC	230%	10-year	$0.35795	$0.34363	$0.32989	$0.31669	$0.30402	$0.29186	$0.28019	$0.26898
≤ 25 kW AC	200%	10-year	$0.31126	$0.29881	$0.28686	$0.27538	$0.26437	$0.25379	$0.24364	$0.23390
> 25 kW, ≤ 250 kW AC	150%	20-year	$0.23345	$0.22411	$0.21514	$0.20654	$0.19828	$0.19034	$0.18273	$0.17542
> 250 kW, ≤ 500 kW AC	125%	20-year	$0.19454	$0.18676	$0.17929	$0.17211	$0.16523	$0.15862	$0.15228	$0.14618
> 500 kW, ≤ 1,000 kW AC	110%	20-year	$0.17119	$0.16435	$0.15777	$0.15146	$0.14540	$0.13959	$0.13400	$0.12864
> 1,000 kW, ≤ 5,000 kW AC	100%	20-year	$0.15563	$0.14940	$0.14343	$0.13769	$0.13218	$0.12690	$0.12182	$0.11695
> 1,000 kW, ≤ 5,000 kW*		20-year								

Behind the Meter Generation Unit Capacity	Base Compensation Rate Factor	Term Length	Block 9	Block 10	Block 11	Block 12	Block 13	Block 14	Block 15	Block 16
Low Income ≤ 25 kW AC	230%	10-year	$0.26360	$0.25833	$0.25316	$0.24810	$0.24314	$0.23827	$0.23351	$0.22884
≤ 25 kW AC	200%	10-year	$0.22922	$0.22463	$0.22014	$0.21574	$0.21142	$0.20719	$0.20305	$0.19899
> 25 kW, ≤ 250 kW AC	150%	20-year	$0.17191	$0.16847	$0.16511	$0.16180	$0.15857	$0.15540	$0.15229	$0.14924
> 250 kW, ≤ 500 kW AC	125%	20-year	$0.14326	$0.14040	$0.13759	$0.13484	$0.13214	$0.12950	$0.12691	$0.12437
> 500 kW, ≤ 1,000 kW AC	110%	20-year	$0.12607	$0.12355	$0.12108	$0.11866	$0.11628	$0.11396	$0.11168	$0.10944
> 1,000 kW, ≤ 5,000 kW AC	100%	20-year	$0.11461	$0.11232	$0.11007	$0.10787	$0.10571	$0.10360	$0.10153	$0.09949
> 1,000 kW, ≤ 5,000 kW*		20-year								

*For Solar Tariff Generation Units selected under the one-time competitive procurement.

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b. Nantucket Electric Company

Standalone Generation Unit Capacity	Base Compensation Rate Factor	Term Length	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7	Block 8
Low Income ≤ 25 kW AC	230%	10-year	$0.39100	$0.32844	$0.27589	$0.23175	Not Applicable			
≤ 25 kW AC	200%	10-year	$0.34000	$0.28560	$0.23990	$0.20152				
> 25 kW, ≤ 250 kW AC	150%	20-year	$0.25500	$0.21420	$0.17993	$0.15114				
> 250 kW, ≤ 500 kW AC	125%	20-year	$0.21250	$0.17850	$0.14994	$0.12595				
> 500 kW, ≤ 1,000 kW AC	110%	20-year	$0.18700	$0.15708	$0.13195	$0.11084				
> 1,000 kW, ≤ 5,000 kW AC	100%	20-year	$0.17000	$0.14280	$0.11995	$0.10076				
> 1,000 kW, ≤ 5,000 kW*		20-year								

Behind-the-Meter Generation Unit Capacity	Base Compensation Rate Factor	Term Length	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7	Block 8
Low Income ≤ 25 kW AC	230%	10-year	$0.39100	$0.32844	$0.29560	$0.26604	Not Applicable			
≤ 25 kW AC	200%	10-year	$0.34000	$0.28560	$0.25704	$0.23134				
> 25 kW, ≤ 250 kW AC	150%	20-year	$0.25500	$0.21420	$0.19278	$0.17350				
> 250 kW, ≤ 500 kW AC	125%	20-year	$0.21250	$0.17850	$0.16065	$0.14459				
> 500 kW, ≤ 1,000 kW AC	110%	20-year	$0.18700	$0.15708	$0.14137	$0.12723				
> 1,000 kW, ≤ 5,000 kW AC	100%	20-year	$0.17000	$0.14280	$0.12852	$0.11567				
> 1,000 kW, ≤ 5,000 kW		20-year								

*For Solar Tariff Generation Units selected under the one-time competitive procurement.

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Notes:

(a) Each Capacity Block shall have a minimum of 20% and a maximum of 35% of its total available capacity reserved for Solar Tariff Generation Units with nameplate capacities less than or equal to 25 kW.

(b) Solar Tariff Generation Units that receive a capacity allocation in more than one Capacity Block will receive a blended Compensation Rate that reflects the rates applicable to both Capacity Blocks.

(c) Each Capacity Block, starting with the first full capacity block after April 15, 2020, shall have a minimum of 20% of its total available capacity reserved for Solar Tariff Generation Units with nameplate capacities greater than 25 kW and less than or equal to 500 kW.

(d) Each Capacity Block, starting with the first full capacity block after April 15, 2020, shall have a minimum of 5% of its total available capacity reserved for Low Income Community Shared and Low Income Property Solar Tariff Generation Units.

II. Compensation Rate Adders

Please refer to 225 CMR 20.07(4) for currently effective Compensation Rate Adders, and to DOER's Guideline on Energy Storage at https://www.mass.gov/info-details/solar-massachusetts-renewable-target-smart-program#smart-program-guidelines that provides an Energy Storage Adder calculator.

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III. Sum of Applicable Distribution, Transmission, Transition, and Three-Year Average of Basic Service Rates for Behind-the-Meter STGUs pursuant to Sections 7.2 (1) and 7.2 (2).

Rates in Effect by Rate Class and Commercial Operation Year (¢/kWh)									
	Rate R-1/R-2	Rate R-4	Rate G-1	Rate G-2 NEMA	Rate G-2 WCMA	Rate G-2 SEMA	Rate G-3 NEMA	Rate G-3 WCMA	Rate G-3 SEMA
2018	$0.19905	$0.20848	$0.17761	$0.13761	$0.13161	$0.13261	$0.13091	$0.12491	$0.12591
2019	$0.19942	$0.20538	$0.17668	$0.13885	$0.12940	$0.13265	$0.13342	$0.12397	$0.12722
2020	$0.21031	n/a	$0.18337	$0.14951	$0.13897	$0.14650	$0.14338	$0.13284	$0.14037
2021	$0.22300	n/a	$0.19317	$0.15087	$0.14355	$0.15183	$0.14243	$0.13511	$0.14339
2022	$0.23274	n/a	$0.19975	$0.15488	$0.15041	$0.15758	$0.14393	$0.13946	$0.14663
2023	$0.24323	n/a	$0.21144	$0.17173	$0.16806	$0.17152	$0.16253	$0.15886	$0.16232
2024	$0.28224	n/a	$0.24867	$0.19857	$0.19355	$0.19668	$0.18939	$0.18437	$0.18750
2025	$0.31182	n/a	$0.28080	$0.21593	$0.21168	$0.21616	$0.20853	$0.20428	$0.20876
2026	$0.32303	n/a	$0.27746	$0.20108	$0.19827	$0.20321	$0.19837	$0.19556	$0.20050

*Note rate R-4 was discontinued November 1, 2019 per Department order in D.P.U. 18-150

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IV. Sum of Applicable Distribution, Transmission, Transition, and Three-Year Average of Basic Service Rates (Weighted Average) for Behind-the-Meter STGUs pursuant to Section 7.2 (3).

Rates in Effect by Rate Class and Commercial Operation Year (¢/kWh)								
	Rate R-1/R-2	Rate G-1	Rate G-2 NEMA	Rate G-2 WCMA	Rate G-2 SEMA	Rate G-3 NEMA	Rate G-3 WCMA	Rate G-3 SEMA
2020	$0.17675	$0.15643	$0.13595	$0.12541	$0.13294	$0.13196	$0.12142	$0.12895
2021	$0.18683	$0.16355	$0.13680	$0.12948	$0.13776	$0.13131	$0.12399	$0.13227
2022	$0.19259	$0.16634	$0.13798	$0.13351	$0.14068	$0.13086	$0.12639	$0.13356
2023	$0.20347	$0.17825	$0.15635	$0.15268	$0.15614	$0.15037	$0.14670	$0.15016
2024	$0.24082	$0.21444	$0.18323	$0.17821	$0.18134	$0.17226	$0.17224	$0.17537
2025	$0.26689	$0.24262	$0.19820	$0.19395	$0.19843	$0.19339	$0.18914	$0.19362
2026	$0.27275	$0.23928	$0.18370	$0.18089	$0.18583	$0.18194	$0.17913	$0.18407

V. Basic Service Rates

Currently effective Basic Service pricing may be found at the below web addresses:

a. Residential

https://www.nationalgridus.com/media/pdfs/billing-payments/electric-rates/ma/resitable.pdf

b. Small Commercial and Industrial

https://www.nationalgridus.com/media/pdfs/billing-payments/electric-rates/ma/commtable.pdf

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c. Medium and Large Commercial and Industrial

https://www.nationalgridus.com/media/pdfs/billing-payments/electric-rates/ma/indtable.pdf

Nantucket Electric Company's medium and large commercial and industrial customers are subject to the Basic Service rates applicable to the Southeastern Massachusetts ("SEMA") ISO-NE load zone.

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[Placeholder for future CSAP rules]

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1.0 Purpose

The operation of the SMART Provision is pursuant to the Solar Massachusetts Renewable Target ("SMART") Program regulations at 225 CMR 20.00 promulgated pursuant to Chapter 75 of the Acts of 2016, as applicable to STGUs that have received a FSOQ from the DOER. The SMART Provision provides for: (1) Incentive Payments for RPS Class I Renewable Generation Attributes and/or Environmental Attributes produced by an STGU; (2) AOBCs for energy generated by an AOBC Generation Unit; (3) the basis upon which Incentive Payments and AOBCs are determined; and (4) the recovery of any such Incentive Payments, AOBCs, and incremental administrative costs associated with the implementation and operation of the SMART Program.

2.0 Definitions

As used throughout this tariff, the following terms shall have the definitions set forth in this Definitions section.

2.1 Alternating Current ("AC") shall mean electric current that regularly reverses direction and changes voltage polarity. Solar panels produce direct current ("DC") and an inverter converts that DC into AC to operate appliances or be exported to the electric power system.

2.2 Alternative On-Bill Credit ("AOBC") shall mean the value of the net excess electricity generated and fed back to the Company by an AOBC Generation Unit during a billing period, calculated pursuant to Section 10.0 below.

2.3 AOBC Generation Unit shall mean an STGU that is eligible for an AOBC pursuant to the SMART Provision and is not compensated for energy generated pursuant to 220 CMR 8.00 or 220 CMR 18.00.

2.4 AOBC Payment/Credit Form shall mean a paper or electronic form or worksheet provided by the Company on which the Owner or Authorized Agent must provide all required information for the Company to process the transfer of AOBCs. The Owner or Authorized Agent shall provide the AOBC Payment/Credit Form directly to the Company and the SPA. The AOBC Payment/Credit Form will be updated and republished by the Company from time to time on its website. The list of AOBC Payment/Credit Form transfers may be updated no more than four times during a calendar year, unless allowed by the Company to be updated more frequently.

2.5 Authorized Agent shall mean a person or entity that serves under an agreement entered into by each of the Owners of an STGU for all dealings with the DOER and the Company.

2.6 Avoided Energy Supply Component ("AESC") Study refers to the study sponsored by electric and gas utilities and energy efficiency program administrators in support of the Company's energy efficiency plans.

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2.7 Base Compensation Rate shall mean the portion of an STGU's compensation rate related to the STGU's rated alternating current capacity, prescribed in 225 CMR 20.07(3) and as set forth in Appendix A, I and II.

2.8 Basic Service shall mean the rate in effect during the billing period as established by the Company's Department-approved Basic Service tariff.

2.9 Behind-the-Meter STGU shall mean a Solar Tariff Generation Unit that serves On-Site Load other than parasitic or station load utilized to operate the generation unit.

2.10 Buyout Eligible Facilities shall mean the Owner or Authorized Agent of: (i) an STGU that is co-located with an ESS, or (ii) a BTM STGU.

2.11 Buyout Option shall mean a Buyout Facility's one-time option to purchase the capacity rights of the solar generation from the Company.

2.12 Commercial Operation Date shall mean the date on which the Company grants permission to the STGU to operate in parallel with the Company's electric distribution system.

2.13 Community Shared STGU shall mean a Solar Tariff Generation Unit that provides electricity or bill credits to three or more Customers. No more than two participants may receive bill credits in excess of those produced annually by 25 kW of nameplate AC capacity, and the combined share of said participants' capacity shall not exceed 50 percent of the total capacity of the generation unit, except in the case of generation units smaller than 100 kW AC.

2.14 CSAP shall mean the Company's Department-approved community solar access program.

2.15 Company shall mean Massachusetts Electric Company and Nantucket Electric Company, as applicable.

2.16 Compensation Rate Adder shall mean special rate adders specific to certain types of STGUs established pursuant to 225 CMR 20.07(4) and as set forth in Appendix A, II., herein.

2.17 CSO shall mean capacity supply obligation.

2.18 Current Year shall mean the 12-month period for which a SMART Factor will be in effect.

2.19 Customer shall mean any person, partnership, corporation, or any other entity, whether public or private, who obtains delivery service at a customer delivery point and who is a customer of record of the Company.

2.20 Department shall mean the Massachusetts Department of Public Utilities.

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2.21 Distribution Company shall mean a company engaging in the distribution of electricity or owning, operating or controlling distribution facilities as defined in M.G.L. c. 164, § 1; provided, however, a Distribution Company shall not include a municipality utility established pursuant to the provisions of M.G.L. c. 164.

2.22 DOER shall mean the Department of Energy Resources.

2.23 Energy Storage System ("ESS") shall mean a commercially available technology that is capable of absorbing energy, storing it for a period of time and thereafter dispatching the energy, and that is co-located with an STGU that has qualified for the Energy Storage Adder pursuant to 225 CMR 20.07(4)(c).

2.24 Environmental Attributes shall mean all NEPOOL GIS Certificates and any other environmental benefits associated with the energy generation of an STGU.

2.25 Federal Low Income Requirements. For metropolitan areas, individuals and households with incomes at or below the greater of:

(a) 80% area median income; and
(b) 200% of the federal poverty level.

For non-metropolitan areas, individuals and households with incomes at or below the greater of:

(a) 80% area median income;
(b) 80% Statewide non-metropolitan area median income; and
(c) 200% of federal poverty level.

Such designation may be identified using the U.S. Department of Treasury's Community Development Financial Institutions Fund's Investment Area Eligibility dataset.

2.26 Federally Designated Environmental Justice Area shall have the same meaning as defined in 225 CMR 20.02.

2.27 Final Statement of Qualification (FSOQ) shall mean a document issued by the DOER that qualifies an STGU to participate in the SMART Program pursuant to 225 CMR 20.00, and authorizes the start of the STGU's tariff term and issuance of incentive payments. However, see also the definition of "Incentive Payment Effective Date" below.

2.28 Force Majeure Event shall mean any cause beyond the reasonable control of, and not due to the fault or negligence of, the Company or the Owner or Authorized Agent and which could not have been avoided by exercising commercially reasonable efforts, including, as

applicable, acts of war or terrorism, public disorder, insurrection or rebellion, embargo or national emergency; curtailment of electric distribution services; flood, hurricane, windstorm, tornado, earthquake, or other acts of God; explosion or fire; strikes, lockouts, or other labor disturbances (whether among employees of the Company or the Owner or Authorized Agent, its suppliers, contractors, or others); delays, failure, and/or refusal of suppliers to supply materials or services; orders, acts or omissions of the NEPOOL GIS Administrator, as applicable; embargoes; sabotage; or any other cause of like or different kind, beyond the reasonable control of the Company or the Owner or Authorized Agent. Notwithstanding the foregoing, a Force Majeure Event shall not be based on Owner's ability to sell market products at a price greater than the rates applicable to the STGU or the Company's ability to purchase market products at prices below the applicable rates.

2.29 Forward Capacity Market ("FCM") means the long-term wholesale electricity market, administered by ISO-NE, that assures resource adequacy, locally and systemwide. Capacity resources may be new or existing resources, and include supply from generators, import capacity, or demand resources.

2.30 Generation Attribute shall mean a Generation Attribute, as defined in 225 CMR 14.02.

2.31 GIS Certificate shall mean an electronic record produced by the NEPOOL GIS that identifies Generation Attributes of each Megawatt-hour (MWh) it counts.

2.32 Incentive Payment shall mean the payment to an STGU, including an AOBC Generation Unit, for RPS class I Renewable Generation Attributes and/or Environmental Attributes produced by these units, calculated pursuant to Section 7.0 below.

2.33 Incentive Payment Effective Date shall mean the earliest date on or after the Commercial Operation Date on which electrical energy output of an STGU can result in the creation of RPS Class I Renewable Generation Attributes and also be eligible to begin receiving Incentive Payments.

2.34 Incentive Payment/Credit Form shall mean a form or online application provided by the Company and submitted by the Owner or Authorized Agent prior to the Commercial Operation Date of the STGU. The Owner or Authorized Agent shall provide the Incentive Payment/Credit Form directly to the SPA. The Incentive Payment/Credit Form will be established and published by the Company from time to time on its website.

2.35 ISO-NE shall mean the independent system operator for New England, or its successor, authorized by the Federal Energy Regulatory Commission to operate the New England bulk power system and administer New England's organized wholesale electricity market pursuant to the ISO-NE Transmission, Markets, and Services Tariff and operation agreements with transmission owners.

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2.36 Interconnection Tariff shall mean the Company's Department-approved Standards for Interconnection of Distributed Generation tariff.

2.37 ISO-NE Control Area shall mean the states of Massachusetts, Connecticut, Rhode Island, Vermont, New Hampshire, and Maine.

2.38 kW and kWh shall mean kilowatt and kilowatt-hour, respectively.

2.39 Low Income Community Shared STGU shall mean a Community Shared STGU with at least 50 percent of its energy output allocated to Low Income Customers in the form of electricity or bill credits.

2.40 Low Income Customer shall mean a Customer that A) is on a low-income discounted rate of a Distribution Company; b) is a resident in a Low Income Eligible Area; c) provides documentation of participation in other needs-based programs, namely those that qualify customers for participation in a low income discounted rate, including but not limited to the Low Income Home Energy Assistance Program (LIHEAP), Supplemental Nutrition Assistance Program (SNAP), and Medicaid; d) is a qualified participant in the DOER's Solar for All Program; or e) self-attests to meeting the Federal Low Income Requirements or the definition of Low Income Customer through a form developed by the DOER.

2.41 Low Income Eligible Area shall mean a neighborhood, as identified through American Community Survey data, that has household income equal to or less than 65 percent of the statewide median income for Massachusetts or a Federally Designated Environmental Justice Area.

2.42 Low Income Property STGU shall mean an STGU with a rated capacity greater than 25 kW that provides all of its generation output in the form of electricity or bill credits to low or moderate income housing, as defined under M.G.L. c. 40B.

2.43 Low Income STGU shall mean an STGU less than or equal to 25 kW that serves Low Income Customers.

2.44 MW and MWh shall mean megawatt and megawatt-hour, respectively.

2.45 Net Metering Tariff shall mean the Company's Department-approved net metering tariff pursuant to 220 CMR 18.00.

2.46 New England Power POOL Generation Information System (NEPOOL GIS) shall mean the generation information database and certificate system, operated by NEPOOL, its designee or successor entity, that accounts for Generation Attributes of electrical energy consumed and generated within, imported into, or exported from the ISO-NE Control Area.

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2.47 O&M shall refer to operations and maintenance.

2.48 OSGFs shall mean On-site Generating Facilities, as defined in 220 CMR 8.02.

2.49 On-Site Load shall mean any new or existing electric load located at the site of an STGU including any parasitic load that may result from the installation of the STGU, and that is wired to receive a portion of the electrical energy output from the STGU before the balance of such output passes through the STGU's metered interconnection onto the electric distribution system.

2.50 Owner shall mean any person or entity that, alone or in conjunction with others, has legal ownership of an STGU.

2.51 Power Purchase Tariff shall mean the Company's Department-approved power purchase tariff pursuant to 220 CMR 8.00.

2.52 Preliminary Statement of Qualification (PSOQ) shall mean a document issued by the DOER that qualifies an STGU under 225 CMR 20.00. Such qualification is contingent upon the STGU reaching mechanical completion within its Reservation Period and receiving a FSOQ.

2.53 Prior Year shall mean a 12-month period prior to the Current Year.

2.54 QFs shall mean Qualifying Facilities, as defined in 220 CMR 8.02.

2.55 RECs shall mean Renewable Energy Certificates.

2.56 Reservation Period shall mean the period of time during which an STGU is entitled to a PSOQ reservation and a capacity block reservation prior to the STGU's receipt of notice of authorization to interconnect from the Distribution Company.

2.57 Massachusetts Renewable Portfolio Standard (RPS) shall mean the program established in Mass. Gen. Laws c. 25A, § 11F.

2.58 RPS Class I Renewable Generation Attribute shall mean a RPS Class I Renewable Generation Attribute as defined in 225 CMR 14.02.

2.59 SMART shall mean the Solar Massachusetts Renewable Target, under 225 CMR 20.00.

2.60 SMART Factor shall mean the volumetric charge that varies by rate class as calculated in Section 14 below and approved by the Department.

2.61 Solar Program Administrator ("SPA") shall mean the qualified entity selected by the electric distribution companies to facilitate the SMART Program.

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2.62 Solar Tariff Generation Unit ("STGU") shall mean a Generation Unit, as defined in 225 CMR 14.02 and 225 CMR 20.02, that generates electricity using solar photovoltaic technology and meets all of the eligibility criteria set forth in 225 CMR 20.05 and 225 CMR 20.06.

2.63 Standalone STGU shall mean an STGU that serves no associated On-Site Load other than parasitic or station load utilized to operate the Generation Unit or coupled Energy Storage System.

2.64 Terms and Conditions for Distribution Service shall mean the Company's Department-approved tariff governing distribution service provided to customers.

2.65 Unused AOBCs shall mean a balance of AOBCs on an AOBC Generation Unit's billing account. Unused AOBCs result when AOBCs are not applied, allocated, or transferred to recipient accounts.

3.0 Availability

Incentive Payments and, as applicable, AOBCs provided under this SMART Provision are available to the Owner or Authorized Agent of an STGU that has received a FSOQ from the DOER, has met all eligibility requirements from 225 CMR 20.00, has a total installed capacity of less than or equal to five megawatts (measured in MW AC), and is interconnected to the Company's electric distribution system. The Base Compensation Rates and any Compensation Rate Adders, which form the basis for Incentive Payments, are established by capacity blocks as shown in Appendix A. Other than STGUs selected under the one-time competitive procurement described in 225 CMR 20.07(3), no STGU shall be eligible to qualify in the Company's first capacity block unless it has a capacity equal to or less than one megawatt or is eligible to receive a Compensation Rate Adder. Projects will be enrolled in the SMART program by the Distribution Company in the order that they are received.

Incentive Payments and, as applicable, AOBCs provided under this SMART Provision are available to the Owner or Authorized Agent of Eligible STGUs installed on distribution infrastructure served, but not owned, by the Company, provided that (1) there is a Customer associated with the distribution infrastructure served by the Company; and (2) the STGU shall also comply with the requirements in Section 6.0, below.

4.0 Other Tariff Applicability

All Customers must comply with the Company's Interconnection Tariff and the Terms and Conditions for Distribution Service, as may be amended from time to time.

STGUs that are served on the Company's Net Metering tariff pursuant to 220 CMR 18.00 or Power Purchase tariff pursuant to 220 CMR 8.00 will receive Incentive Payments pursuant to the SMART Provision. The terms and conditions regarding the calculation and distribution of net metering credits or payments for purchased power are governed by the provisions of the applicable tariff.

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5.0 Metering

The Company will own, install, and maintain a meter on each STGU that complies with the metering standards applicable to the size of the STGU as defined in the Company's Interconnection Tariff or as required by ISO-NE for registration. All STGUs must be separately metered from any other existing electricity generating unit, whether such other units are taking service under the SMART Provision or not. Regular, periodic readings obtained from the meter will be used to determine Incentive Payments pursuant to Section 7.0 below. The Company must be provided adequate access to read the meter(s), and to install, repair, maintain, and replace the meter(s), if applicable. During the interconnection process, the Company will assess the Owner, Authorized Agent, or their designee of an STGU a charge for the installed cost of the meter, including necessary metering equipment (e.g., instrument transformers, communication equipment). An ESS co-located with an STGU greater than 60 kW may require separate metering, and during the interconnection process, the Company will assess a charge to the Owner, Authorized Agent or their designee for the installed cost of the meter, including necessary metering equipment (e.g., instrument transformers, communication equipment), if installed.

6.0 Conditions for Participation

Owners or Authorized Agents of an STGU must demonstrate compliance with the following conditions prior to receiving Incentive Payments and AOBCs, if applicable. Incentive Payments and AOBCs will be applied on a prospective basis only after all of the following conditions have been met.

6.1 The Owner must obtain the Company's written authority to interconnect and operate in parallel with the Company's electric distribution system.

6.2 Each STGU must have been issued a FSOQ from the DOER to begin to participate in the SMART program. FSOQs may be provided directly to the Company by the SPA.

6.3 The Company shall have the irrevocable rights and title to the RPS Class I Renewable Generation Attributes and/or Environmental Attributes of all STGUs for the term of their enrollment in this tariff. In addition, for those units that are also AOBC Generation Units, the Company will also have irrevocable rights and title to the energy and any market products associated with the sale of energy or energy services produced by the AOBC Generation Unit for the term of their enrollment in this tariff. These conditions may be met through the Company's election per Section 6.3.1 or Section 6.3.2.

6.3.1 RPS Class I Renewable Generation Attributes in the form of RECs must be delivered to the Company's appropriate NEPOOL-GIS account. For Standalone STGUs greater than 60 kW, this will be accomplished through the Company registering the STGU with the NEPOOL-GIS. Standalone STGUs greater than 60 kW shall provide all necessary information to, and cooperate with, the Company to enable the Company to provide necessary information to the NEPOOL-GIS for the

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creation of RECs to be credited to the Company's appropriate NEPOOL-GIS account. The Company collects the RPS Class I Renewable Generation Attributes as they are created.

6.3.2 STGUs that are 60 kW or smaller, and BTM STGUs that are greater than 60 kW, shall provide all necessary information to, and cooperate with, the Company to enable the Company to obtain the appropriate asset identification for reporting generation to the NEPOOL-GIS for the creation of RECs to be credited to the Company's appropriate NEPOOL-GIS account. The Owner or Authorized Agent shall provide approvals or assignments, including, but not limited to, completing the Company's Renewable Energy Certificate Assignment and Aggregation Form, to facilitate the STGU's participation in asset aggregation or other model of asset registration and reporting for the term of enrollment in this tariff. This form will be collected by the SPA and provided to the Company.

6.3.3 Energy: Energy produced by AOBC Generation Units must be delivered to the Company in the Company's ISO-NE load zone at the delivery node associated with the STGU. As requested by the Company or ISO-NE, the Owner or Authorized Agent shall provide all necessary information as well as follow all requirements for all applicable market rules. As needed, the Company will report exported power from standalone AOBC Generation Units greater than 60 kW to ISO-NE as the host participant or assigned meter reader, as those terms are used in ISO-NE's Transmission, Markets, and Services Tariff and will include energy settlement revenue in the Company's annual SMART reconciliation. If the Company elects to register any AOBC Generation Unit less than or equal to 60 kW, the associated energy settlement revenue shall also be included in the Company's annual SMART reconciliation. The Company does not hold title to the energy associated with an ESS that is co-located with an STGU.

6.3.3.1 Load Reducer Option: The Company shall treat any BTM STGU as a load reducer and not register it in the energy market operated by the ISO-NE. However, should the BTM STGU's exported energy equal or exceed 35 percent of its annual energy production, the Company may treat the BTM STGU as an asset and register it in the ISO-NE energy market. The Company is not required to register as a market participant any STGU that demonstrates that it is designed as a non-exporter of energy.

6.3.4 Capacity:

(1) The Company does not hold title to the capacity associated with an ESS that is co-located with an STGU .

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(2) Unless the Buyout Option is properly elected under Section 6.3.5, title to the capacity rights associated with an STGU will automatically transfer to the Company upon enrollment in the SMART Program and the Company shall participate in the FCM under one of the following options:

(a) qualifying and bidding the capacity into the ISO-NE FCM to obtain a CSO as defined by ISO-NE ("Option 1"); or

(b) registering for performance incentive payments under the ISO-NE FCM Pay-for-Performance Project ("Option 2").

(3) The Company will be exempt from the requirement to participate in the FCM with respect to the capacity for a specific STGU if the facility cannot be qualified for the ISO-NE FCM due to circumstances outside of the Company's control, and the Company can demonstrate that it made reasonable efforts to mitigate the issues preventing qualification.

(4) Consistent with Section 6.3.4 and Section 6.3.5, if requested by the Company, the Owner or Authorized Agent of an STGU shall take all commercially reasonable means necessary to cooperate with the Company to qualify an STGU for participation in the ISO-NE FCM.

If the Company has already participated in the ISO-NE FCM by qualifying and bidding the associated capacity for an existing STGU that becomes a Buyout Eligible Facility as a result of being retrofitted with an ESS and subsequently exercises the Buyout Option, the Company shall transfer any associated CSOs, as defined by ISO-NE, to the facility owner upon receipt of full payment of the buyout.

The owner of a Buyout Eligible Facility electing the Buyout Option must make payment to the Company not later than 15 business days after the owner submits written notice of intent to exercise the Buyout Option to the Company. Within 15 business days after the Company receives the full buyout payment, it must provide the owner of the Eligible Facility with all necessary documents to transfer the title to the capacity rights to the owner.

6.3.5 Buyout Option: Buyout Eligible Facilities shall have a one-time Buyout Option to purchase the capacity rights of the solar generation from the Company. Such Buyout Option may be exercised by these facility owners under the following conditions:

(1) for a new STGU that is co-located with an ESS, any time after the filing of an interconnection application and before the Company issues an authorization

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to interconnect ;

(2) for a new BTM STGU , any time after the filing of an interconnection application and before the Company issues an authorization to interconnect; and

(3) for an existing Standalone STGU enrolled under the provisions of this tariff that retrofits with an ESS after the filing of a revised interconnection application and before the Company issues a new authorization to interconnect for the ESS.

7.0 Calculation of Incentive Payments

7.1 Standalone STGUs

Incentive Payments to Standalone STGUs will be in accordance with the formula specified in 225 CMR 20.08 and will be calculated for each monthly billing period as follows:

IP = (BCR + CRA – GS) * kWhgen – VOE

Where

IP = Incentive Payment.

BCR = Base Compensation Rate applicable to the STGU as specified in the STGU's FSOQ. The Base Compensation Rates are provided in Appendix A.

CRA = Compensation Rate Adder(s) applicable to the STGU as specified in the STGU's FSOQ.

GS = Greenfield Subtractor applicable to the STGU as specified in the STGU's FSOQ.

kWhgen = kWh generated by the STGU during the billing period measured after the reduction for parasitic or station load.

VOE = Value of Energy, determined as set forth below

(1) For Standalone STGUs that are taking service under the Company's Net Metering tariff, the VOE will be equal to the applicable net metering credit.

(2) For Standalone STGUs that are QFs or OSGFs and are not net metered pursuant to the Company's Net Metering tariff, the VOE credit will be calculated based on the Company's Power Purchase tariff.

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(3) For AOBC Generation Units, the VOE credit will be calculated based on the Basic Service rate applicable to the AOBC Generation Unit's rate class in effect during the billing period, as established by the Company's Basic Service tariff.

(4) Base Compensation Rates and, if applicable, Compensation Rate Adders, and/or Greenfield Subtractors are determined as authorized in the FSOQ, and those rates will not change during the period of time in which the STGU is receiving Incentive Payments unless as directed by the DOER, SPA or the Department.

7.2 Behind-the Meter STGUs

Incentive Payments to Behind-the-Meter STGUs will be in accordance with the formula specified in 225 CMR 20.08 and will be calculated for each monthly billing period as follows:

IP = (BCR + CRA – GS – VOEr) * kWhgen

Where

IP = Incentive Payment.

BCR = Base Compensation Rate applicable to the STGU as specified in the STGU's FSOQ. The Base Compensation Rates by capacity block are provided in Appendix A.

CRA = Compensation Rate Adder(s) Applicable to the STGU as specified in the STGU's FSOQ (e.g., Pollinator Adder, etc.).

GS = Greenfield Subtractor applicable to the STGU as specified in the STGU's FSOQ.

kWhgen = kWh generated by the STGU during the billing period, measured after the reduction for parasitic or station load, at the Generation or Production Meter.

VOEr = Value of Energy rate, determined as set forth below

(1) For Behind-the-Meter STGUs taking service under the Company's Net Metering tariff, the VOE_r will be equal to the sum of the Customer's currently applicable distribution kWh charge, transmission kWh charge, transition kWh charge plus the average of the Customer's applicable Basic Service kWh charge for the three calendar years immediately prior to the year in which the SMART application is filed with the DOER. The VOE_r will be specified on the FSOQ, and will not change during the period of time

in which the STGU is receiving Incentive Payments, unless directed to change by the DOER.

(2) For BTM STGUs that are QFs, OSGFs, or AOBCs Generation Units that are not taking service under the Company's Net Metering tariff and that were issued an FSOQ prior to April 15, 2020, the VOE_r rate will be equal to the sum of the Customer's currently applicable distribution kWh charge, transmission kWh charge, transition kWh charge plus the average of the Customer's applicable Basic Service kWh charge for the three calendar years immediately prior to the year in which the SMART application is filed with the DOER. The VOE_r will be specified on the FSOQ, and will not change during the period of time in which the STGU is receiving Incentive Payments unless direct to change by the DOER.

(3) For Behind-the-Meter STGUs that are QFs, OSGFs, or AOBC Generating Units that are not net metered pursuant to the Company's Net Metering tariff and were issued an FSOQ on or after April 15, 2020, the VOE_R will be a weighted average equal to (a) 65% of the sum total of the Customer's currently applicable distribution kWh charge, transmission kWh charge, transition kWh charge plus the average of the Basic Service kWh charge for the three calendar years immediately prior to the year in which the SMART application is filed with the DOER, plus (b) 35% of the average of the Basic Service kWh charge for the three calendar years immediately prior to the year in which the SMART application is filed with the DOER. The VOE_r will be specified on the FSOQ and will not change during the period of time in which the STGU is receiving Incentive Payments, unless directed to change by the DOER.

(4) Base Compensation Rates and, if applicable, Compensation Rate Adders, and/or Greenfield Subtractors are determined as authorized in the FSOQ, and those rates will not change during the period of time in which the STGU is receiving Incentive Payment unless directed by the DOER, SPA or the Department. The applicable distribution, transmission and transition charges, and the three-year average of Basic Service rates will change once annually in Appendix A to this tariff.

7.3 True-Up Payments for DC-Coupled STGUs co-located with ESS

For DC-Coupled STGUs co-located with ESS, the Owner or Authorized Agent of the STGU may seek an annual "true-up" payment from the Company for any losses that may have reduced the STGU's Incentive Payments during the year. To qualify for such true-up payments, the Owner or Authorized Agent of the

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STGU must meet all requirements identified in the DOER's Guideline on Energy Storage. The DOER will be responsible to calculate true-up payment amount for the Company, and the Company shall pay the specified true-up payment amount to the Owner or Authorized Agent.

8.0 Distribution of Incentive Payments

The Company will disburse regular, periodic Incentive Payments, in the form of an electronic payment or as otherwise agreed to by the Company, to the STGU's Owner or Authorized Agent as specified on the Incentive Payment/Credit Form or AOBC Payment/Credit Form. If the Incentive Payment is to be disbursed to an Authorized Agent, the Owner must indicate so on the applicable Payment/Credit Form. The STGU's Owner or Authorized Agent must ensure that the Company has accurate information necessary for distribution of Incentive Payments and for taxpayer identification and reporting. Changes will be implemented by the Company no later than the next full billing cycle. Incentive Payments not paid due to inaccurate or incomplete records will be available for 90 calendar days, after which they may be forfeited.

9.0 Calculation of Buyout Payment

The Buyout Payment for the option pursuant to in Section 6.3.5 shall be calculated as follows:

ACF =	[FNC * CCR * (60% * CP) * (80%) * SE] – ADM
Buyout Payment =	Net Present Value of ACF.
Where	
ACF =	Annual Cash Flow, determined based on a discount rate of 10 percent and a term of 20 years less the time the Eligible Facility has participated in the SMART Program.
FNC =	Facility Nameplate Capacity of the inverter using an AC rating.
CCR=	Capacity Contribution Rate of 31.8%, initially, and as updated in each year ISO-NE issues a new Report of Capacity, Energy, Loads, and Transmission.
CP =	Capacity Price based on the levelized 15-year forecast of capacity prices under the AESC Study, updated in any year a new final AESC Study is issued.

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SE =	Four months of annual solar eligibility in the ISO-NE FCM.
ADM =	Estimated long-term costs incurred by the Company in the administration of participation in the ISO-NE FCM, calculated at $1,300/MW and escalated at two percent per year.

If actual Administrative Costs differ significantly from those included in the Buyout Payment, the Company shall petition the Department for a revision to the Buyout Payment formula to more accurately reflect actual administrative costs.

10.0 Alternative On-Bill Credits

10.1 Basis of AOBCs

For AOBC Generation Units, the AOBC will be equal to the Basic Service rate applicable to the AOBC Generation Unit's rate class in effect during the billing period as established by the Company's Basic Service tariff, or a rate approved by the Department for AOBC facilities enrolled in any Company offered CSAP, as allowed by Section 10.4, multiplied by the kWh measured on the Company's service or revenue meter. The AOBCs will be applied to the single host account associated with the AOBC Generation Unit.

10.2 AOBC Payment/Credit Form

The Owner of the AOBC Generation Unit must complete an Incentive Payment/Credit Form and AOBC Payment/Credit Form indicating how the AOBCs are to be transferred to Customer accounts other than the AOBC Generation Unit's account in the Company's service area. It is the responsibility of the Owner or the Authorized Agent to ensure that billing account information of the designated recipients of AOBCs and information necessary for distribution of Incentive Payments is accurately reflected on the AOBC Payment/Credit Form and provided on any forms required for taxpayer identification and reporting.

The Company shall not transfer AOBCs without a completed Incentive Payment/Credit Form and AOBC Payment/Credit Form. Such allocations are allowed up to two decimal places and the AOBC Payment/Credit Form and any subsequent updates to the Form will not be considered complete unless allocations correctly total at least 90 percent to active and valid Customer accounts and there are no billing account number or customer name errors. At its option, the Company may increase the number of decimal places on the AOBC Payment/Credit Form once there is automation of AOBCs, if it does not place an undue burden on the Company.

Changes will be implemented by the Company no later than the next full billing cycle .

10.3 Unused AOBCs

At its option or as requested by the Owner, the Company may pay a designated recipient, in a lump sum amount, any Unused AOBCs remaining on the billing account of an AOBC Generation Unit at the end of a

12-month period ending March 31. The Company may also offer to allocate Unused AOBCs to eligible accounts using the same criteria as regular AOBC allocations. Owners that achieve commercial operation on or after January 1, 2021, may receive a lump sum payment in the amount of the Unused AOBCs. Owners with AOBCs that achieved commercial operation prior to January 1, 2021 may receive a lump sum payment of the Unused AOBCs, adjusted by the ratio of the average ISO-NE Locational Marginal Pricing rate that was realized by the settlement of the output of STGUs with ISO-NE over the course of the year divided by the average Basic Service rate for the 12-month period.

Any Owner receiving payment by the Company for Unused AOBCs and whose AOBC Payment/Credit Form has allocations totaling less than 100 percent, must provide a revised AOBC Payment/Credit Form that allocates 100 percent of credits to eligible recipients.

AOBCs transferred to recipient Customer accounts that are not used by a recipient Customer shall carry forward on the recipient Customer's billing account, from billing period to billing period.

If a Host or recipient Customer closes an account with a balance of AOBCs remaining on it, then the AOBCs may be re-allocated to another account with the same Distribution Company for up to one year after account closure using the same criteria as regular AOBC allocations.

10.4 Community Solar Access Programs

At its option, the Company may propose and receive Department approval for one or more CSAP, that may offer billing, enrollment, default management, and credit netting services to AOBC facilities also operating as Community Shared STGUs, including Low-Income Community Shared STGUs. If accepted for enrollment in such a program, enrolled systems must comply with the CSAP Program Rules, attached as Appendix B, and all other rules, requirements and fees specified therein shall apply for the term of enrollment of that facility. In addition, only STGUs enrolled in a CSAP Program that serves low-income customers may be counted by the Company for purposes of meeting set-asides for Low-Income CSS projects, as per 225 C.M.R. 20.05(3)(d).

11.0 Term of Tariff

All STGUs with capacities larger than 25 kW AC will be eligible to receive compensation under this tariff for 20 years from the STGU's Incentive Payment Effective Date. All STGUs with capacities less than or equal to 25 kW AC will be eligible to receive compensation under this tariff for 10 years from the STGU's Incentive Payment Effective Date. This tariff will remain in effect until the costs incurred to administer the SMART Program have been fully recovered through the SMART Factors and termination of this tariff has been granted by the Department.

12.0 Applicability of SMART Factor

The SMART Factor shall be determined in accordance with Section 14.0 below, subject to the Department's review and approval. The costs to determine the SMART Factor shall include both 225 CMR 20.00 and

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225 CMR 28.00 SMART program costs, shall be applied to all bills issued by the Company, shall be assessed to the kWh of all retail delivery service customers based on the readings of usage from the retail, service, or revenue meter and the readings of generation from the production or generation meter, and will be identified as "Distributed Solar Charge" on customer bills.

13.0 SMART Factor Effective Date

The SMART Factor shall be effective January 1 of each year, unless otherwise ordered by the Department.

14.0 Calculation of SMART Factor

The SMART Factor, as defined herein, shall be determined in accordance with this Section in the form of a volumetric charge that varies by rate class, subject to the Department's review and approval. Costs that are ineligible for recovery through the SMART Factor include, but are not limited to: (1) SPA costs, and (2) overhead and burdens O&M expenses, unless the Department approves such expenses. Capitalized overhead and burdens are eligible for recovery provided the associated expenses meet the requirements of the test referenced in Section 16.0. The SMART Factor recovers the annual incremental costs that the Company incurs during the applicable 12-month period associated with the SMART Program. The SMART Factor shall include estimated Incentive Payments, AOBCs, and Market Revenue. The Company will reflect actual Incentive Payments, AOBCs, and Market Revenue, along with actual incremental administrative costs, in determining the amount it has under or over-recovered through the applicable year's SMART Factor.

The SMART Factor shall be calculated as follows:

$$SFxs = (IPx + ABCx – MRx + ADMx\text{-}1 + RAx\text{-}1) * BDRAs \div FkWhxs$$

Where

x = The Current Year.

s = A separate value for the following rate classes: R-1/R-2, G-1, G-2, G-3, and Streetlighting.

SFxs = The SMART Factor for the Current Year for each rate class.

IPx = Estimated Incentive Payments issued in the Current Year, net of any forfeited Incentive Payments.

ABCx = Estimated AOBCs issued in the Current Year, net of any forfeited AOBCs.

MRx = Estimated Market Revenue in the Current Year as determined by:

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(1) the market value or the net proceeds from the sale or use of the RPS Class I Renewable Generation Attributes and/or Environmental Attributes procured pursuant to the SMART provision;

(2) net proceeds from the sale of energy generated by AOBC Generation Units greater than 60 kW;

(3) net proceeds received from ISO-NE for participation in the ISO-NE FCM by AOBC Generation Units; and

(4) payments received under the Buyout Option described in Section 6.3.5.

The market value of RPS Class I Renewable Generation Attributes and/or Environmental Attributes procured pursuant to the SMART provision and used by the Company shall be determined from actual sales or purchases, and/or recent quotes from market participants.

For net proceeds received as a result of the Company's participation in the FCM, amounts shall be included in the annual SMART Factor as follows: (1) 80 percent of the net proceeds under Option 1 pursuant to Section ~~**Error! Reference source not found.**~~(6.3.4(2)(a); and (2) 100 percent of the net proceeds under Option 2 pursuant to Section ~~**Error! Reference source not found.Error! Reference source not found.**~~(6.3.4(2)(b).

ADMx-1 = The incremental capital and O&M administrative cost the Company incurred in the Prior Year necessary to meet SMART Program objectives, including, but not limited to, billing system improvements, additional personnel required for ongoing operations, and those costs solely attributable to participation in the ISO-NE FCM as described in Section 6.3.4(2) and Section 6.3.5. Incremental administrative costs include the revenue requirement associated with cumulative capital improvements placed in service up through the Prior Year.

RA = The Reconciliation Amount is the sum of (a) the difference between (1) the actual IP, ABC, and MR incurred in the Prior Year plus incremental administrative costs approved for recovery in prior years; and (2) the amount of SF revenue billed by the Company during the Prior Year, plus any credits from Unused AOBCs. Interest shall be applied to the reconciling balance at the Prime Rate as reported by the Wall Street Journal.

BDRA = The Base Distribution Revenue Allocator percentage for each rate class.

FkWhxs = Forecasted kWh for each rate class for the Current Year.

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The Base Distribution Revenue Allocator shall be derived from the Company's most recent general rate case as approved by the Department and shall be as follows by rate class:

Rate R-1/R-2	60.6%
Rate G-1	12.0%
Rate G-2	10.7%
Rate G-3	16.3%
Streetlighting	0.4%

Interim SMART Factor Adjustments

If at any time during the year, the annual SMART Program costs are ten percent above or below the costs the Company is recovering through its SMART Factor, the Company may petition the Department for an interim adjustment prior to its next scheduled SMART Factor filing.

15.0 Determination of Incremental Administrative Cost

To be eligible for inclusion as an incremental administrative cost recoverable through the SMART factor, the Company shall demonstrate that all O&M expenses incurred in the performance of SMART Program activities and proposed for recovery through the SMART factor are:

(1) incremental to the representative level of O&M expenses recovered through all other rates billed by the Company to its customers; and

(2) directly related to SMART Program activities.

The Company shall apply these thresholds to all O&M expenses for which it seeks recovery for Department review in annual SMART Factor filings.

16.0 Overhead and Burden Adjustments

The Company will perform an overhead and burdens test to demonstrate that actual overhead and burdens costs charged to SMART Program capital projects are incremental to amounts recovered in base distribution rates and other reconciling mechanisms. This test shall compare the actual O&M overhead and burdens and the amount included in base distribution rates in each year. If the actual O&M overhead and burdens exceed the amount included in base distribution rates, capitalized overheads and burdens recovered through a reconciling rate shall be reduced by the amount of the excess. The Company shall determine whether such reduction is required for all reconciling mechanisms that require such a determination once each year, and the determination shall be included in the Company's annual Grid Modernization Plan cost recovery filing. In addition, the percentage of capitalized overhead and burdens assigned to SMART Program capital projects shall be set equal to the ratio of SMART Program costs to total direct costs in any given year.

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17.0 Filing of SMART Factors for Department Approval

Changes to the SMART Factors shall be filed with the Department at least 60 days prior to January 1. Such filing shall include the reconciliation of the amount recoverable through prior SMART Factors, as appropriate, and include supporting calculations for estimated Incentive Payments and describe any cost variances as defined in the Company's project authorization policies.

18.0 Additional Terms and Conditions of Service

18.1 Cooperation and Qualification of STGUs for Other Programs, Incentives, and Markets. Consistent with Section 6.3, if requested by the Company, the Owner or Authorized Agent of an enrolled STGU shall take all commercially reasonable means necessary, and pay any costs or fees associated with such actions, to cooperate with the Company to qualify an STGU for other available federal, state, regional, local, and voluntary programs, incentives, and/or markets that would increase the value or marketability of the STGU's products and attributes including but not limited to registering the STGU with other states in order to qualify for such states' RPS or similar program(s). Such Owner or Authorized Agent shall comply with all rules of such programs, incentives, and markets including, without limitation, rules that relate to the creation, tracking, recording, and transfer of all Environmental Attributes that are to be transferred under this tariff.

18.2 Non-Compliance. The Owner or Authorized Agent of an STGU shall comply with the provisions of this tariff and the requirements of its FSOQ through the end of the period during which the STGU is eligible to receive Incentive Payments pursuant to Section 7.0. Only the STGU described on the FSOQ is eligible to participate under this tariff. In no event shall an STGU's nameplate capacity exceed what is allowed by the FSOQ. If an STGU exceeds the nameplate capacity allowed by the FSOQ, or the Company determines that an Owner or Authorized Agent has violated the terms and conditions of this tariff, the Company will report the non-compliance immediately to the DOER, and the DOER shall issue a notice of non-compliance to the Owner or Authorized Agent and to the Company. Upon receipt of a notice of non-compliance from the DOER, the Company may suspend payment of Incentive Payments and AOBCs, if applicable, and/or take other action as required the DOER until such time as the non-compliance has been remedied.

Neither the Company nor the Owner or Authorized Agent shall be deemed in non-compliance for failure or delay in the performance of any obligation under the tariff if and to the extent that such delay or failure is due to a Force Majeure Event.

The party claiming Force Majeure shall notify the other party and the DOER of the occurrence thereof as soon as possible and shall use reasonable efforts to resume performance immediately. In no event shall a claim of Force Majeure or a Force Majeure Event operate to extend the STGU's eligibility to receive Incentive Payments pursuant to Section 7.0.

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18.3 Termination Provisions. The DOER has the authority to suspend or revoke FSOQs. If the Owner or Authorized Agent or the Company receives confirmation from the DOER that the Owner's FSOQ has been suspended or revoked, or if the Owner or Authorized Agent has failed to satisfy the Owner's obligations under this tariff, the Company may elect to terminate its obligations under this tariff. Neither the Owner or Authorized agent nor the Company may terminate their obligations under this tariff with less than 30 days' notice to the other party.

18.4 Governing Law. This tariff is governed by the provisions of 225 CMR 20.00 and Chapter 164 of the General Laws.

18.5 Dispute Resolution. Disputes shall generally be resolved in accordance with D.P.U. 17-140-A at 202-204. Neither the Company nor the Department shall be responsible for resolving disputes between the Owner of an AOBC Generation Unit and those Customers to whom the Owner is transferring AOBCs.

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I. Base Compensation Rates

a. Massachusetts Electric Company

Standalone Generation Unit Capacity	Base Compensation Rate Factor	Term Length	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7	Block 8
Low Income ≤ 25 kW AC	230%	10-year	$0.35795	$0.34363	$0.32989	$0.31669	$0.30402	$0.29186	$0.28019	$0.26898
≤ 25 kW AC	200%	10-year	$0.31126	$0.29881	$0.28686	$0.27538	$0.26437	$0.25379	$0.24364	$0.23390
> 25 kW, ≤ 250 kW AC	150%	20-year	$0.23345	$0.22411	$0.21514	$0.20654	$0.19828	$0.19034	$0.18273	$0.17542
> 250 kW, ≤ 500 kW AC	125%	20-year	$0.19454	$0.18676	$0.17929	$0.17211	$0.16523	$0.15862	$0.15228	$0.14618
> 500 kW, ≤ 1,000 kW AC	110%	20-year	$0.17119	$0.16435	$0.15777	$0.15146	$0.14540	$0.13959	$0.13400	$0.12864
> 1,000 kW, ≤ 5,000 kW AC	100%	20-year	$0.15563	$0.14940	$0.14343	$0.13769	$0.13218	$0.12690	$0.12182	$0.11695
> 1,000 kW, ≤ 5,000 kW*		20-year								

Standalone Generation Unit Capacity	Base Compensation Rate Factor	Term Length	Block 9	Block 10	Block 11	Block 12	Block 13	Block 14	Block 15	Block 16
Low Income ≤ 25 kW AC	230%	10-year	$0.25822	$0.24789	$0.23798	$0.22846	$0.21932	$0.21055	$0.20212	$0.19404
≤ 25 kW AC	200%	10-year	$0.22454	$0.21556	$0.20694	$0.19866	$0.19071	$0.18308	$0.17576	$0.16873
> 25 kW, ≤ 250 kW AC	150%	20-year	$0.16840	$0.16167	$0.15520	$0.14899	$0.14303	$0.13731	$0.13182	$0.12655
> 250 kW, ≤ 500 kW AC	125%	20-year	$0.14034	$0.13472	$0.12933	$0.12416	$0.11920	$0.11443	$0.10985	$0.10546
> 500 kW, ≤ 1,000 kW AC	110%	20-year	$0.12350	$0.11856	$0.11381	$0.10926	$0.10489	$0.10070	$0.09667	$0.09280
> 1,000 kW, ≤ 5,000 kW AC	100%	20-year	$0.11227	$0.10778	$0.10347	$0.09933	$0.09536	$0.09154	$0.08788	$0.08436
> 1,000 kW, ≤ 5,000 kW*		20-year								

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Behind the Meter Generation Unit Capacity	Base Compensation Rate Factor	Term Length	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7	Block 8
Low Income ≤ 25 kW AC	230%	10-year	$0.35795	$0.34363	$0.32989	$0.31669	$0.30402	$0.29186	$0.28019	$0.26898
≤ 25 kW AC	200%	10-year	$0.31126	$0.29881	$0.28686	$0.27538	$0.26437	$0.25379	$0.24364	$0.23390
> 25 kW, ≤ 250 kW AC	150%	20-year	$0.23345	$0.22411	$0.21514	$0.20654	$0.19828	$0.19034	$0.18273	$0.17542
> 250 kW, ≤ 500 kW AC	125%	20-year	$0.19454	$0.18676	$0.17929	$0.17211	$0.16523	$0.15862	$0.15228	$0.14618
> 500 kW, ≤ 1,000 kW AC	110%	20-year	$0.17119	$0.16435	$0.15777	$0.15146	$0.14540	$0.13959	$0.13400	$0.12864
> 1,000 kW, ≤ 5,000 kW AC	100%	20-year	$0.15563	$0.14940	$0.14343	$0.13769	$0.13218	$0.12690	$0.12182	$0.11695
> 1,000 kW, ≤ 5,000 kW*		20-year								

Behind the Meter Generation Unit Capacity	Base Compensation Rate Factor	Term Length	Block 9	Block 10	Block 11	Block 12	Block 13	Block 14	Block 15	Block 16
Low Income ≤ 25 kW AC	230%	10-year	$0.26360	$0.25833	$0.25316	$0.24810	$0.24314	$0.23827	$0.23351	$0.22884
≤ 25 kW AC	200%	10-year	$0.22922	$0.22463	$0.22014	$0.21574	$0.21142	$0.20719	$0.20305	$0.19899
> 25 kW, ≤ 250 kW AC	150%	20-year	$0.17191	$0.16847	$0.16511	$0.16180	$0.15857	$0.15540	$0.15229	$0.14924
> 250 kW, ≤ 500 kW AC	125%	20-year	$0.14326	$0.14040	$0.13759	$0.13484	$0.13214	$0.12950	$0.12691	$0.12437
> 500 kW, ≤ 1,000 kW AC	110%	20-year	$0.12607	$0.12355	$0.12108	$0.11866	$0.11628	$0.11396	$0.11168	$0.10944
> 1,000 kW, ≤ 5,000 kW AC	100%	20-year	$0.11461	$0.11232	$0.11007	$0.10787	$0.10571	$0.10360	$0.10153	$0.09949
> 1,000 kW, ≤ 5,000 kW*		20-year								

*For Solar Tariff Generation Units selected under the one-time competitive procurement.

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b. Nantucket Electric Company

Standalone Generation Unit Capacity	Base Compensation Rate Factor	Term Length	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7	Block 8
Low Income ≤ 25 kW AC	230%	10-year	$0.39100	$0.32844	$0.27589	$0.23175	Not Applicable			
≤ 25 kW AC	200%	10-year	$0.34000	$0.28560	$0.23990	$0.20152				
> 25 kW, ≤ 250 kW AC	150%	20-year	$0.25500	$0.21420	$0.17993	$0.15114				
> 250 kW, ≤ 500 kW AC	125%	20-year	$0.21250	$0.17850	$0.14994	$0.12595				
> 500 kW, ≤ 1,000 kW AC	110%	20-year	$0.18700	$0.15708	$0.13195	$0.11084				
> 1,000 kW, ≤ 5,000 kW AC	100%	20-year	$0.17000	$0.14280	$0.11995	$0.10076				
> 1,000 kW, ≤ 5,000 kW*		20-year								

Behind-the-Meter Generation Unit Capacity	Base Compensation Rate Factor	Term Length	Block 1	Block 2	Block 3	Block 4	Block 5	Block 6	Block 7	Block 8
Low Income ≤ 25 kW AC	230%	10-year	$0.39100	$0.32844	$0.29560	$0.26604	Not Applicable			
≤ 25 kW AC	200%	10-year	$0.34000	$0.28560	$0.25704	$0.23134				
> 25 kW, ≤ 250 kW AC	150%	20-year	$0.25500	$0.21420	$0.19278	$0.17350				
> 250 kW, ≤ 500 kW AC	125%	20-year	$0.21250	$0.17850	$0.16065	$0.14459				
> 500 kW, ≤ 1,000 kW AC	110%	20-year	$0.18700	$0.15708	$0.14137	$0.12723				
> 1,000 kW, ≤ 5,000 kW AC	100%	20-year	$0.17000	$0.14280	$0.12852	$0.11567				
> 1,000 kW, ≤ 5,000 kW		20-year								

*For Solar Tariff Generation Units selected under the one-time competitive procurement.

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Notes:

(a) Each Capacity Block shall have a minimum of 20% and a maximum of 35% of its total available capacity reserved for Solar Tariff Generation Units with nameplate capacities less than or equal to 25 kW.

(b) Solar Tariff Generation Units that receive a capacity allocation in more than one Capacity Block will receive a blended Compensation Rate that reflects the rates applicable to both Capacity Blocks.

(c) Each Capacity Block, starting with the first full capacity block after April 15, 2020, shall have a minimum of 20% of its total available capacity reserved for Solar Tariff Generation Units with nameplate capacities greater than 25 kW and less than or equal to 500 kW.

(d) Each Capacity Block, starting with the first full capacity block after April 15, 2020, shall have a minimum of 5% of its total available capacity reserved for Low Income Community Shared and Low Income Property Solar Tariff Generation Units.

II. Compensation Rate Adders

Please refer to 225 CMR 20.07(4) for currently effective Compensation Rate Adders, and to DOER's Guideline on Energy Storage at https://www.mass.gov/info-details/solar-massachusetts-renewable-target-smart-program#smart-program-guidelines that provides an Energy Storage Adder calculator.

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III. Sum of Applicable Distribution, Transmission, Transition, and Three-Year Average of Basic Service Rates for Behind-the-Meter STGUs pursuant to Sections 7.2 (1) and 7.2 (2).

Rates in Effect by Rate Class and Commercial Operation Year (¢/kWh)									
	Rate R-1/R-2	Rate R-4	Rate G-1	Rate G-2 NEMA	Rate G-2 WCMA	Rate G-2 SEMA	Rate G-3 NEMA	Rate G-3 WCMA	Rate G-3 SEMA
2018	$0.19905	$0.20848	$0.17761	$0.13761	$0.13161	$0.13261	$0.13091	$0.12491	$0.12591
2019	$0.19942	$0.20538	$0.17668	$0.13885	$0.12940	$0.13265	$0.13342	$0.12397	$0.12722
2020	$0.21031	n/a	$0.18337	$0.14951	$0.13897	$0.14650	$0.14338	$0.13284	$0.14037
2021	$0.22300	n/a	$0.19317	$0.15087	$0.14355	$0.15183	$0.14243	$0.13511	$0.14339
2022	$0.23274	n/a	$0.19975	$0.15488	$0.15041	$0.15758	$0.14393	$0.13946	$0.14663
2023	$0.24323	n/a	$0.21144	$0.17173	$0.16806	$0.17152	$0.16253	$0.15886	$0.16232
2024	$0.28224	n/a	$0.24867	$0.19857	$0.19355	$0.19668	$0.18939	$0.18437	$0.18750
2025	$0.31182	n/a	$0.28080	$0.21593	$0.21168	$0.21616	$0.20853	$0.20428	$0.20876
2026	$0.32303	n/a	$0.27746	$0.20108	$0.19827	$0.20321	$0.19837	$0.19556	$0.20050

*Note rate R-4 was discontinued November 1, 2019 per Department order in D.P.U. 18-150

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IV. Sum of Applicable Distribution, Transmission, Transition, and Three-Year Average of Basic Service Rates (Weighted Average) for Behind-the-Meter STGUs pursuant to Section 7.2 (3).

Rates in Effect by Rate Class and Commercial Operation Year (¢/kWh)								
	Rate R-1/R-2	Rate G-1	Rate G-2 NEMA	Rate G-2 WCMA	Rate G-2 SEMA	Rate G-3 NEMA	Rate G-3 WCMA	Rate G-3 SEMA
2020	$0.17675	$0.15643	$0.13595	$0.12541	$0.13294	$0.13196	$0.12142	$0.12895
2021	$0.18683	$0.16355	$0.13680	$0.12948	$0.13776	$0.13131	$0.12399	$0.13227
2022	$0.19259	$0.16634	$0.13798	$0.13351	$0.14068	$0.13086	$0.12639	$0.13356
2023	$0.20347	$0.17825	$0.15635	$0.15268	$0.15614	$0.15037	$0.14670	$0.15016
2024	$0.24082	$0.21444	$0.18323	$0.17821	$0.18134	$0.17226	$0.17224	$0.17537
2025	$0.26689	$0.24262	$0.19820	$0.19395	$0.19843	$0.19339	$0.18914	$0.19362
2026	$0.27275	$0.23928	$0.18370	$0.18089	$0.18583	$0.18194	$0.17913	$0.18407

V. Basic Service Rates

Currently effective Basic Service pricing may be found at the below web addresses:

a. Residential

https://www.nationalgridus.com/media/pdfs/billing-payments/electric-rates/ma/resitable.pdf

b. Small Commercial and Industrial

https://www.nationalgridus.com/media/pdfs/billing-payments/electric-rates/ma/commtable.pdf

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c. Medium and Large Commercial and Industrial

https://www.nationalgridus.com/media/pdfs/billing-payments/electric-rates/ma/indtable.pdf

Nantucket Electric Company's medium and large commercial and industrial customers are subject to the Basic Service rates applicable to the Southeastern Massachusetts ("SEMA") ISO-NE load zone.

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[Placeholder for future CSAP rules]