

Commonwealth of Massachusetts
Executive Office of Energy and Environmental Affairs
Department of Energy Resources
RENEWABLE ENERGY PORTFOLIO STANDARD (RPS), CLASS I
RPS CLASS I
STATEMENT OF QUALIFICATION APPLICATION (SQA)

JANUARY 13, 2014, EDITION*

Pursuant to the Renewable Energy Portfolio Standard - Class I Regulation at 225 CMR 14.00

INSTRUCTIONS

AUTHORITY

The RPS Class I Statement of Qualification Application (“SQA”) implements the RPS Class I Regulation, 225 CMR 14.00. The Statement of Qualification Application form and instructions constitute a portion of the RPS Guidelines, as “Guideline” is defined in 225 CMR 14.02.

APPLICATION EDITION

This document is the hard copy version of the current, Web-based Statement of Qualification Application (“WebSQA”) form and instructions. This is meant only as a preview of the WebSQA and as reference.

NOTE that, as of February 17, 2010, DOER has required that you complete your SQA directly online and prohibits submission of this hard copy form without prior approval by the RPS Program Manager.

GENERAL INSTRUCTIONS & NOTICES

- If you find that information required does not fit into the space provided in the SQA, you may provide the information in an attachment and *reference* that attachment in the space provided in the form.
- If you submit attachments, please send them by email if possible, addressed to DOER.RPS@state.ma.us (but DOER.SREC@state.ma.us, for Solar Carve-Out SQAs), with the Generation Unit name and SQA# in the email Subject line. On each attachment clearly indicate the name of the Generation Unit, the SQA ID #, and the SQA subsection and item to which the information pertains.
- “Department” and “DOER” refer to the Massachusetts Department of Energy Resources. “MassDEP” refers to the Massachusetts Department of Environmental Protection.
- All capitalized terms are defined either in 225 CMR 14.00, or in the NEPOOL GIS Operating Rules (available via www.nepoolgis.com), or within this document itself.
- All information submitted in or attached to the Application, including all correspondence and all information submitted after the original filing of the Application, is considered to be a public record.
- Any request for confidential treatment of information not provided in the Web-SQA proper must be submitted in writing to the RPS Program Manager at the DOER address (see Application Submission, below). Such information should *not* be submitted before you receive a satisfactory response.
- The Department will notify the Contact Person if the Application is incomplete, and the Department may require additional information and documentation that it deems necessary.
- Once the Department finds the Application to be administratively complete, it will notify the applicant, and it may post this finding at the RPS section of the DOER web site, <http://www.mass.gov/energy/rps>.
- Pursuant to 225 CMR 14.06(3)(c), the Department will provide written notice to the Authorized Representative if the Generation Unit does not meet the requirements for eligibility as an RPS Class I Renewable Generation Unit.

- Qualification of the Generation Unit is only official and complete upon the signing of a Statement of Qualification (SQ) by the Commissioner of DOER or his/her designee. A signed SQ will be mailed to the Authorized Representative. Information about a qualified Unit will be both posted at DOER's RPS webpages and emailed to the NEPOOL GIS Administrator.

APPENDICES

There are nine appendices to the Application, lettered A through I. You **must** complete all applicable appendices. The WebSQA will open only those appendices that apply to a particular Unit.

CAPACITY OBLIGATION

With one new exception, the generation capacity of **all** Generation Units that use this Application and receive a Statement of Qualification under the RPS Class I regulations are required to comply with the applicable Capacity Obligation provisions in 225 CMR 14.05(1)(e). The only exception is for Units that are registered as "net metering facilities" pursuant to the net metering provision of 220 CMR 18.00 (including all Solar Carve-Out Units), as indicated at Section II.8 of this Application. All **other** Applicants must read and complete Appendix A.

AUTHORIZED SIGNATURE

The Application shall be certified in Section IV by the signature of the Authorized Representative of the Applicant as to the veracity of all statements of fact therein, including all appendices and attachments. Such signature also signifies that the Applicant has read and understands the certification required pursuant to 225 CMR 14.10(1)(c).

If the Applicant and/or the Authorized Representative are/is *not* the Owner or Operator of the Generation Unit, then the Application must include documentation satisfactory to the Department that the Authorized Representative has been authorized to represent the Owner or Operator and to certify the Application. At a minimum, such documentation must include the Certification of the Authorized Representative required in Section IV of the Application identifying both the name and the entity of the Authorized Representative; however, if that Certification identifies only the authorized entity, then that authorized entity must, in turn, provide a Certification of the individual named as its Authorized Representative.

PUBLIC COMMENTS

Pursuant to 225 CMR 14.06(2)(b), the Department may, at its sole discretion, post information from a Statement of Qualification Application at its web site and provide a period of appropriate duration for public comments on an Application. During this period, the public may comment on the pending Application by e-mail. Please note that this procedure for public comment is *not* subject to the Massachusetts Administrative Procedures Act (M.G.L. c. 30A).

APPLICATION SUBMISSION

Please send any required hard copy attachments, certifications, or other related documents, to the following address:

Department of Energy Resources
100 Cambridge Street, Suite 1020
Boston, Massachusetts 02114
Attn: RPS Class I Statement of Qualification Mailbox

QUESTIONS

Questions related to the Statement of Qualification Application should be directed to the RPS Program Manager at DOER.RPS@state.ma.us or at (617) 626-7355.

All Solar Carve-Out and PV related questions should be directed to DOER.SREC@state.ma.us.

DOER Use Only

Date Received: _____

Date Complete: _____

Date Approved: _____

Generation Unit Name

**Commonwealth of Massachusetts
Executive Office of Energy and Environmental Affairs
Department of Energy Resources**

RENEWABLE ENERGY PORTFOLIO STANDARD (RPS), CLASS I

RPS CLASS I

STATEMENT OF QUALIFICATION APPLICATION

JANUARY 13, 2014, EDITION

Pursuant to the Renewable Energy Portfolio Standard - Class I Regulation at 225 CMR 14.00

SECTION I. APPLICANT INFORMATION

Complete all four subsections in Section. Enter "same as X" wherever applicable in subsections 1-4.

1. Applicant & Contact Person (Point of contact for questions related to the SQA)

- Name of the entity that is applying for a Statement of Qualification for the Generation Unit

- Contact person's first name _____

- Contact person's last name _____

- Title _____

- E-mail address _____

- Telephone number _____

- Mobile phone number [optional] _____

- FAX number [optional] _____

- Street Address _____

- City _____

- State _____

- Zip Code _____

- Applying entity's webpage URL, if any _____

2. Authorized Representative of the Generation Unit Owner or Operator

- Name of the entity at which the Authorized Representative is employed or otherwise affiliated

- Authorized Representative's first name _____

- Authorized Representative's last name _____

- Title _____

- E-mail address _____

- Telephone number _____

Name of the Generation Unit

- Mobile phone number [optional] _____
- FAX number [optional] _____
- Street Address _____
- City _____
- State _____
- Zip Code _____
- This entity's webpage URL, if any _____

3. Generation Unit Owner

- Name of the entity that owns the Generation Unit _____
- Contact person's first name _____
- Contact person's last name _____
 - Title _____
 - E-mail address _____
 - Telephone number _____
 - Mobile phone number [optional] _____
 - FAX number [optional] _____
 - Street Address _____
 - City _____
 - State _____
 - Zip Code _____
- Owning entity's webpage URL, if any _____
- Organization type [corp., coop, partnership, individual, etc.] _____

4. Generation Unit Operator

- Name of the entity that operates the Generation Unit _____
- Contact person's first name _____
- Contact person's last name _____
 - Title _____
 - E-mail address _____
 - Telephone number _____
 - Mobile phone number [optional] _____
 - FAX number [optional] _____
 - Street Address _____
 - City _____
 - State _____
 - Zip Code _____
- Operating entity's webpage URL, if any _____
- Organization type [corp., coop, partnership, individual, etc.] _____

SECTION II. GENERATION UNIT INFORMATION

Name of the Generation Unit

Complete all eight numbered items in Section II.

1. Identification of the Generation Unit or Aggregation

Name: _____

NEPOOL GIS Generation Unit Asset ID#: _____

NEPOOL GIS Plant – Unit Name: _____

NEPOOL GIS Account Holder: _____

Nameplate Capacity of the Generation Unit: _____ MW *[For an Aggregation, enter the total combined capacity of all Units. For a PV array, use DC.]*

2. Renewable Fuel, Energy Resource, or Technology of the Generation Unit

*Check **only one** box, and complete the corresponding section within Section III.*

☐ MA Solar Carve-Out *[only for post-2007 PV units that meet the criteria in Section III.1a]*

☐ Solar photovoltaic *[unless applying for the MA Solar Carve-Out]*

☐ Solar thermal electric energy

☐ Wind energy

☐ Geothermal electric

☐ Landfill methane gas

☐ Marine or Hydrokinetic (including Ocean Thermal), but not Hydroelectric¹

☐ Fuel cells using an Eligible RPS Class I Renewable Fuel

☐ Hydroelectric energy

☐ Biomass (includes anaerobic digestion units)

3. Commercial Operation Date of the Generation Unit at its current or planned location

Commercial Operation Date of the Unit: _____ *[For an Aggregation, use the Commercial Operation date of the oldest Unit.]*

If the Date is on or before December 31, 1997, then you must complete Appendix F.

Was the Unit's **Power Conversion Technology** used on or before December 31, 1997?

☐ Yes, at this location – *If you check this box, then complete Appendix G.*

☐ Yes, but at a different location – *If you check this box, then complete Appendix G.*

☐ No, the Unit's Power Conversion Technology was not used before December 31, 1997 – neither at this location nor at any other location.

4. Control Area Location of the Generation Unit

☐ In the ISO-NE Control Area

☒ In an adjacent Control Area (New York, Quebec, New Brunswick, or Northern Maine) – *If you check this box, complete Appendix C.*

5. Street Address and Navigational Coordinates of the Generation Unit

a. Street address of the Unit

▪ Address Line 1 _____

▪ Address Line 2 _____

▪ City _____

▪ State _____

¹ If you are uncertain as to whether this facility should be regarded as using Hydroelectric Energy or as using Hydrokinetic Energy, contact the RPS Program Manager before proceeding.

Name of the Generation Unit

- Zip Code _____

[For an Aggregation, omit this and see the instruction at II.7 and in **Appendix D**, below]:

b. Navigational coordinates – Enter as nn.nnnn (ex. 42.3423). _____ N, _____ W
[This information may be omitted for Aggregations.]

c. Prior use of the site:

Is this location a site where electricity was generated on or before December 31, 1997?

- ☐ Yes. That electricity was generated using the following fuel, energy resource, or technology:
- ☐ Solar photovoltaic
 - ☐ Solar thermal electric energy
 - ☐ Wind energy
 - ☐ Geothermal electric
 - ☐ Landfill methane gas
 - ☐ Marine or Hydrokinetic (including Ocean Thermal), but not Hydroelectric
 - ☐ Fuel cells using an Eligible RPS Class I Renewable Fuel
 - ☐ Hydroelectric energy
 - ☐ Biomass (including anaerobic digestion units)

*If you check Yes, and the fuel, energy resource, or technology is the same as the one at item 2 in this Section, then complete the appropriate section(s) of **Appendix F**.*

☐ No

6. Metering of the Generation Unit

How will the electricity output of the Unit be reported to the NEPOOL GIS?

- ☐ By the Massachusetts Clean Energy Center (all Solar Carve-Out Units)
- ☐ By an Independent Verifier (a.k.a. Third Party Meter Reader) for “NON” Units at the NEPOOL GIS. *If you check this box, you must complete **Appendix E**.*
- ☐ By the ISO-NE for “MSS” Generation Assets inside ISO-NE Control Area.
- ☐ By the ISO-NE for “IMP” Generation Assets outside ISO-NE Control Area.

7. Aggregations

Does this Application cover more than one Generation Unit in a single state in ISO-NE, all of which Units share the same fuel, technology, or resource, and all of which are either located behind the meter of retail electricity customers or are Off-grid Generation Units?

- ☐ Yes – *If you check this box, complete **Appendix D**.*
- ☐ No

8. Capacity Obligation of the Generation Unit

Is the Unit or Aggregation applying for the Solar Carve-Out (at II.2), **OR** is the Unit registered with the local utility as a Net Metering Facility pursuant to 220 CMR 18.00?

- ☐ Yes
- ☐ No – *If you check NO, then you must complete **Appendix A**.*

Name of the Generation Unit

SECTION III. GENERATION UNIT TECHNICAL DETAILS

Check only one of the numbered boxes in Section III. Under that one selected box, answer all questions, and provide all information that pertains to your answers.

Submit only the page(s) of Section III that pertain to the Generation Unit. Omit the other pages of III.

1a. ☐ Solar Carve-Out

This sub-section is only for a solar PV system (“Unit”) with a nameplate capacity of no more than 6 MW (DC) that is located in Massachusetts, that was installed after 12/31/07, that is interconnected with the electric grid, that serves some on-site load (including parasitic load), and that has not received certain forms of financial assistance listed below (see the RPS Class I Regulation in 225 CMR 14.05(4) for detailed eligibility requirements). This sub-section is also for an Aggregation of PV systems, every one of which individually meets the criteria described here.

Eligibility Criteria:

Answer each of the following for the PV Unit or for all of the Units in an Aggregation.

Does the Unit (or each of the individual Units in the Aggregation) have a capacity that is not more than 6 MW (DC) per parcel of land?

- ☐ Yes.
☐ No.

Is the Unit (or Are all Units in the Aggregation) located in Massachusetts?

- ☐ Yes.
☐ No.

Was the Unit (or Are all Units in the Aggregation) installed after 12/31/07?

- ☐ Yes.
☐ No.

Is the Unit (or Are all Units in the Aggregation) interconnected to the electricity grid?

- ☐ Yes.
☐ No.

Is the Unit (or each and every one of the Units in the Aggregation) wired to provide at least some of its electrical output to one or more loads (including parasitic loads) that are “behind” the meter where the Unit is interconnected to the electricity grid? *Examples of such behind-the-meter loads are the following: host building, electrical equipment, outdoor lighting, inverter, controls, etc.*

- ☐ Yes.
☐ No.

If you answered NO to any of the questions above, then the Unit is NOT eligible for the Solar Carve-Out. If this application is for an individual Unit, you should go back to Section II.2, select “Solar Photovoltaic,” and complete Section III.1b.1 If this application is for an Aggregation, then you should remove from the Aggregation any Units for which the answer to any of the above is NO.

Financial Assistance Criteria:

For each of the following sources, indicate whether or not you accepted funding to assist in the installation of this Generation Unit:

- No ☐ Yes ☐ MRET/DOER Commonwealth Solar I rebate
No ☐ Yes ☐ MRET Commercial, Industrial, Institutional Initiative (CIII)
No ☐ Yes ☐ MRET Green Affordable Housing Initiative (GAHI)

Name of the Generation Unit

- No ☐ Yes ☐ MRET Green Buildings Initiative (GBI)
No ☐ Yes ☐ MRET Green Schools Initiative (GSI)
No ☐ Yes ☐ MRET Large On-site Renewable Initiative (LORI)
No ☐ Yes ☐ MRET Solar to Market Initiative (SMI)
No ☐ Yes ☐ MRET Special Opportunities Partnership Initiative (SOPI)
No ☐ Yes ☐ MRET Small Renewables Initiative (SRI)
No ☐ Yes ☐ State Revolving Fund (SRF) ARRA Project
No ☐ Yes ☐ ARRA-related Fed. funds (incl. EECBG projects) in excess of 67% of total installed costs.

*IF you answered YES to any of the above, the Unit does **NOT** qualify for the Solar Carve-Out. Instead, select Solar Photovoltaic in Section II.3, and complete Section III.1b. If the application is for an Aggregation, then you can delete any ineligible systems from the Aggregation, correct your answer(s) above, and continue.*

***NOTE** that acceptance of any of the following does **NOT** disqualify the Unit:*

- (1) ARRA-related grant-in-lieu-of-an Investment Tax Credit (ITC),*
- (2) ARRA-related Federal funds totaling up to and including 67% of total installed costs,*
- (3) rebate from Commonwealth Solar II (for small projects),*
- (4) rebate from Commonwealth Solar Stimulus, or*
- (5) MRET support only for a feasibility study.*

Identify which, if any, of these types of funding has been accepted or is anticipated for the project:

PV Project Detail Form

After you complete all of the above in this sub-section, you must enter all technical details for a Solar Carve-Out application in a spreadsheet of DOER's design. The spreadsheet, called the PV Project Detail Form, is available at this [webpage](#). The same PV Project Detail Form must be completed both for an individual Solar PV system and for an Aggregation of Solar PV systems, each of which meets the eligibility requirements of the Solar Carve-Out. Instructions for completing the Form are in the first worksheet of the form.

Email the completed PV Project Detail Form to doer.srec@state.ma.us. Use as your email Subject "SQA PV Project Detail Form for [name of Generation Unit from sub-section II.1]."

Name of the Generation Unit

SECTION III. GENERATION UNIT TECHNICAL DETAILS

1b. ☐ Solar photovoltaic

*If you chose MA Solar Carve-Out at III.1a on page 5, then do **NOT** provide information here. This sub-section is only for PV units that do NOT meet the eligibility criteria of the MA Solar Carve-Out, as summarized in III.1a and detailed in 225 CMR 14.05(4).*

Complete and attach PV Technical Detail Spreadsheet (Can be found at www.mass.gov/energy/rps)

2. ☐ Solar thermal electric energy

Equipment and type of site: _____

3. ☐ Wind energy

Number of turbines: _____
MW capacity per turbine: _____
Make & model of turbine(s), and type of site: _____

4. ☐ Geothermal energy

Equipment and type of site: _____

5. ☐ Landfill methane gas

a. List all of the generators at this Generation Unit; and identify the type, nameplate capacity, and date of initial operation for each of them. If any of the generators previously operated at a different site, identify the location and initial operation at that site. _____

b. Check one or the other of the following two boxes, and provide the required details:

☐ The gas is conveyed from the landfill to the Unit **without** the use of a common carrier of natural gas.

– If you check this box, then provide the name of the landfill and of the entity from which you purchase the gas, as well as the nature of your relationship with that entity.

Name of the Generation Unit

- ☐ The Unit is **not** located at the landfill or landfills from which the gas is collected, **and** the gas is conveyed to the Unit via the use of a common carrier of natural gas. The landfill(s) must be located within the ISO New England Control Area or in a Control Area adjacent thereto (New York, Quebec, or New Brunswick). – *If you check this box, then provide the following:*

- *Identify by name and location all landfills from which the gas is or will be conveyed to the Unit using a common carrier of natural gas.* _____

- *Identify all entities with which you have contracted or will contract for supply and conveyance of the landfill methane gas.* _____

- *ATTACH copies of all current contracts for such supply and conveyance. DOER will require you to provide additional documentation in the future.*
- *ATTACH documentation intended to demonstrate to DOER that the landfill methane can be physically transported from the landfill(s) to the Generation Unit.*

- c. Is the landfill methane gas being (or to be) used in the same Generation Unit as an ineligible fuel, such as natural gas, whether co-fired or as a blended fuel?

- ☐ No
☐ Yes – *If you check this box, complete **Appendix B**.*

6. ☐ **Marine or Hydrokinetic**

Identify the type of energy and location, describe the technology, & calculate the Capacity Factor:

- a. ☐ **Marine kinetic** – *Identify the type of energy, location, and technology.*

Type of energy

- ☐ Wave
☐ Current
☐ Tidal

Check type and provide name/identification of location

- ☐ Atlantic Ocean: _____
☐ Estuary: _____
☐ Other area [identify]: _____

Technology name and description: _____

Name of the Generation Unit

b. ☐ Freshwater Hydrokinetic, but not Hydroelectric Energy

Identify the type and enter the name of the Unit's location.

- ☐ River or stream: _____
- ☐ Lake: _____
- ☐ Human-made, open channel: _____
- ☐ Human-made, enclosed conduit (including in-line hydro): _____

Technology name and description: _____

c. ☐ Ocean thermal

Location: _____

ATTACH a project description.

d. Capacity Factor

Enter the Capacity Factor of the Unit, expressed as a percentage (to one decimal place) of (a) the annual electricity output to (b) the potential output if the Unit, assuming for "potential output" that the Unit is able to operate 24/7 every day of the year at the full rated capacity of all turbines in the Unit minus any immediate parasitic load: _____.

ATTACH documentation of that figure, including all actual data and all assumptions, based on an average of the past five years of generation or, if less than five years operational data is available, whatever data is available and a detailed engineering estimate of a five-year average under normal conditions for the body of water where the Unit is or would be sited.

7. ☐ Fuel cells using an Eligible RPS Class I Renewable Fuel

a. Technology of the Fuel Cell

Name and describe the capacity, type, make, and model of the fuel cell(s).

b. Fuel used in the Fuel Cell

☐ Eligible biomass fuel – *Identify the fuel and the feedstock, if any, from which derived.*

☐ Landfill methane – *Identify the source of the fuel by landfill(s) name(s) and location(s).*

☐ Hydrogen derived from the following:

☐ Eligible biomass fuel – *Identify the fuel and the feedstock, if any, from which derived.*

Name of the Generation Unit

- ☐ Landfill methane – *Identify the source(s) of the fuel by name and location.*

- ☐ Water – *Provide information about where and by what technology the hydrogen was derived from water.*

- *Describe the technology used:* _____

- *If the process uses electricity, identify the electricity source – which **must** be a Renewable Generation Unit – by name, location, NEPOOL GIS number (if any), and (if applicable) RPS qualification status and ID#:* _____

- **NOTE** that **if** the Generation Unit providing power for hydrogen derivation is qualified for RPS (or the equivalent in another state), the Owner or Operator of the Unit **must retire rather than sell** the quantity of RECs representing the portion of the electrical energy output of the Unit that is used to derive from water the hydrogen used in the fuel cell.

8. ☐ Hydroelectric Energy

a. General eligibility:

Check both of the following boxes, by which you acknowledge two of the general eligibility criteria for Hydroelectric in 225 CMR 14.05(1)(a)6:

- ☐ The Generation Unit does not involve pumped storage of water or any dam or water diversion structure constructed after December 31, 1997.
- ☐ The Generation Unit does not generate Hydrokinetic Energy. – *If you are uncertain as to whether this facility should be regarded as using Hydroelectric Energy or as using Hydrokinetic Energy, contact the RPS Program Manager before proceeding.*

b. General type of project:

Check only one of these two boxes, and provide additional information under your choice:

- ☐ This application for RPS Class I qualification pertains to a Generation Unit whose Commercial Operation Date is after December 31, 1997, and whose total nameplate capacity does not exceed 30 MW.

ATTACH a description of the Generation Unit, a project timeline if not yet completed, and a schematic diagram, including other structures and equipment (if any) at the same site.

- ☐ This application for RPS Class I qualification pertains to a project implemented after December 31, 1997, for incremental new energy from increased capacity or efficiency improvements at an existing hydroelectric facility.

Check one or both of the following two boxes and provide the information described below the boxes:

- ☐ The Unit's electrical energy output has increased or will increase as a consequence of the installation after December 31, 1997, of additional capacity that totals no more than 30 MW.

Name of the Generation Unit

- ☐ The Unit's electrical energy output has increased or will increase as a consequence of efficiency improvement(s) implemented after December 31, 1997, or not yet implemented, and the increased output is equivalent to a capacity increase that totals no more than 30 MW.

ATTACH a description of the Generation Unit and of the capacity and/or efficiency project(s), a statement of the current status of the project installation or implementation, a project timeline if not yet completed, and a schematic diagram, including all preexisting structures and equipment at the same site.

*In addition, check the first box in **Appendix G** & ATTACH the information required there.*

c. Capacity Factor of the Unit:

Enter the Capacity Factor of the Unit, as a percentage (to one decimal place) of annual electricity output to potential output if the Unit were to operate 8,760 hours per year at the rated capacity of all turbines in the Unit: _____.

ATTACH documentation of that figure, including all actual data and all assumptions, based on an average of the past five years of generation or, if less than five years operational data is available, whatever data is available and a detailed engineering estimate of a five-year average.

*IF the Capacity Factor is 50% or more, then the Unit is regarded as a Non-intermittent Generation Unit for the purposes of **Appendix A**.*

d. FERC status of the Unit:

*Enter the date and identification number of the **later** of the following.*

- the Unit's application for a FERC license: _____
- the Unit's FERC license: _____

Enter here a hyperlink to the FERC license on the Internet:

e. LIHI status of the Unit:

*Enter the date and identification number of the **later** of the following:*

- the Unit's application for a certification from the Low Impact Hydropower Institute (LIHI): _____
- the Unit's LIHI certification: _____

ATTACH an electronic copy of one or the other of the following [check one]:

- ☐ LIHI certification, or
- ☐ LIHI's denial of certification and statement of its reasons for the denial

*NOTE that a Hydroelectric plant cannot qualify **before** a determination is made by LIHI, and that the RPS Effective Date of a Hydroelectric plant will be the **latest** of either*

- (a) The Commercial Operation Date.*
- (b) The earliest date on which the electrical energy output of the plant can result in the creation of MA RECs at the NEPOOL GIS.*
- (c) The effective date of LIHI Certification, or, absent LIHI Certification,*
- (d) the date by which DOER determined that the environmental criteria specified in the RPS Class I regulations, 225 CMR 14.05(1)(a)6.d. had been met.*

Name of the Generation Unit

ATTACH a list all of the Relevant Hydroelectric Agencies to which notice regarding the LIHI application was sent, **including** the contact person, phone number, and email address for each; the date(s) of such notice(s); indication of which agencies (if any) commented on the application, and the date of each such comment.

ATTACH a copy of such notice of service, or provide here a hyperlink to the notice:

If LIHI certification was denied, ATTACH a narrative statement and **ATTACH** any directly supportive documentation as to the reasons why, the LIHI denial notwithstanding, DOER should grant the Unit a Statement of Qualification.

f. Notice of RPS Application:

ATTACH a list all of the Relevant Hydroelectric Agencies to which notice regarding this RPS application has been or is being sent, **including** the contact person, phone number, and email address for each, the date of such notice(s), and the date by which comments are due.

NOTE: Your notices **must** instruct Agencies to reply within 30 days of such notice by email both to you and to DOER, at doer.rps@state.ma.us.

ATTACH or send by email a copy of such notice of service.

9. ☐ Biomass, using a low-emission, advanced biomass power conversion technology

a. Technology

Check all that apply, and identify the sub-type, make, model, and year of manufacture.

☐ Steam boiler: _____

☐ Stoker: _____

☐ Fluidized-bed: _____

☐ Gas or Combustion turbine: _____

☐ Combined cycle: _____

☐ Internal combustion engine: _____

☐ Anaerobic digester: _____

☐ Other gasifier: _____

Name of the Generation Unit

☐ Other: _____

b. Fuel

Check all that apply and provide additional details.

- ☐ Eligible Biomass Woody Fuel, Manufactured Biomass Fuel, or Co-Mingled Biomass Woody Fuel. *See section 9.e. for additional application requirements.*
- ☐ Solid fuel from food, vegetative waste, non-woody energy crops, animal or agricultural waste materials or by-products. – *Identify types and sources.* _____

- ☐ Anaerobic digester gas or other biogas. – *List feedstock(s) and their sources.* _____

- ☐ Eligible Liquid Biofuel – *Identify feedstock(s) and ATTACH sufficient information to demonstrate that this fuel meets the definition of an Eligible Liquid Biofuel in 225 CMR 14.02, and any Guidelines issued pursuant thereto.* _____

- ☐ Algae – *Describe the form in which used to generate electricity, and ATTACH a description of where and how the fuel is derived from live algae.* _____
- ☐ Co-firing an Eligible Biomass Fuel, as defined in 225 CMR 14.02, with a fuel that is not eligible, or using a Blended Fuel, as defined in 225 CMR 14.02.. – *If you check this box, complete **Appendix B**.*

c. Valid Air Permit

Check only one of the following three boxes, and provide additional details.

- ☐ The Unit has a Valid Air Permit or an equivalent authorization from [name of agency] _____,
dated _____, and [select one of the following]
☐ the Permit is provided electronically.
☒ a hyperlink to the Permit is provided here: _____.
- ☐ The Unit requires, but does not yet have, a Valid Air Permit or an equivalent authorization from this agency: _____.
State your plan and timetable for obtaining the Permit. _____

- ☐ The Unit does not require a Valid Air Permit or an equivalent authorization.
Explain why such Permit or equivalent authorization is not required for the Unit.

d. Air Emissions

Provide the required information.

- NOx emission rate in pounds per MBtu: _____
- PM emission rate in pounds per MBtu: _____

<i>Name of the Generation Unit</i>

- Check the appropriate box:

☐ Those emission rates are the limits in the Unit's Valid Air Permit or equivalent.

☐ Those emission rates are the Unit's highest monthly average emission limits from the following time period: _____.

☐ Those are modeled emission rates for the Unit, and detailed calculations are **ATTACHED**.

e. **Additional Requirements for Generation Units Using Eligible Biomass Woody Fuel, Manufactured Biomass Fuel, or Co-Mingled Biomass Woody Fuel.**

*After you complete all of the above, you must complete a **Fuel Supply Plan** and the spreadsheets in the **Overall Efficiency and Greenhouse Gas Analysis Guideline** found on DOER's [website](#). Further instructions can be found in the forms.*

Email the completed forms to doer.rps@state.ma.us as instructed.

Name of the Generation Unit

SECTION IV. CERTIFICATION

Provide documentation that demonstrates the authority of the Authorized Representative indicated in section I.3 by following the appropriate instructions below.

Aggregation with Multiple Owners

*If seeking qualification for an Aggregation of units that have different owners, the Authorized Representative shall provide **either**:*

- a. a board of directors vote from the aggregating entity granting authority to the Authorized Representative to execute the Statement of Qualification Application; **or***
- b. a certification from the Corporate Clerk, Secretary, or an individual otherwise authorized to legally bind the organization acting as the aggregator that the Authorized Representative is authorized to execute the Statement of Qualification Application, or is otherwise authorized to legally bind the corporation in like matters.*

Corporations

*If the Owner or Operator is a corporation, the Authorized Representative shall provide **either**:*

- a. a board of directors vote granting authority to the Authorized Representative to execute the Statement of Qualification Application; **or***
- b. a certification from the Corporate Clerk or Secretary of the Corporation that the Authorized Representative is authorized to execute the Statement of Qualification Application, or is otherwise authorized to legally bind the corporation in like matters.*

Individuals

If the Owner or Operator is a sole proprietorship or an individual, that proprietor or individual shall complete and mail APPENDIX H to DOER's offices as instructed.

Other Non-Corporate Entities

(Proprietorships, Partnerships, Cooperatives, Government Agencies, etc.)

If the Owner or Operator is not an individual or a corporation, it shall complete and mail APPENDIX I to DOER's offices as instructed.

I hereby certify, under pains and penalties of perjury, that I have personally examined and am familiar with the information submitted herein, and, based upon my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties, both civil and criminal, for submitting false information, including possible fines and de-certification of a Statement of Qualification. My signature below certifies all information submitted in this Statement of Qualification Application. The Statement of Qualification Application includes the application form and all required appendices and attachments.

Signature of Authorized Representative

Date

Name of the Generation Unit

Appendix A

Capacity Obligation

This Appendix is required of all Units EXCEPT for those that are MA Solar Carve-Out Units or are Net-Metered in MA pursuant to 220 CMR 18.00, as identified in SQA Section II.8. MA Solar Carve-Out Units and MA Net Metered Units OMIT this Appendix.

1. Is any amount of the total generation capacity of the Generation Unit for which this Application requests qualification as RPS Class I Renewable Generation already committed to any Control Area other than the ISO-NE Control Area? *[Check one of the two below.]*

☐ Yes, _____ MW are already committed to the _____ Control Area, as of [date] _____ and expiring as of [date] _____.

☐ No

2. ***NOTE the following provision of the RPS Class I Regulation in 225 CMR 14.05(1)(e)(2) that applies only to Non-intermittent Generation Units, which are listed or defined in the three bullets below.***

- Assumed to be intermittent: Solar Photovoltaic, Solar Thermal Electric, & Wind*
- Assumed to be Non-intermittent: all Biomass, Landfill Methane, Fuel Cell, & Geothermal Units.*
- Defined as Non-intermittent IF Capacity Factor is calculated at 50% or more: Units generating electricity from Marine or Freshwater Hydrokinetic, Ocean Thermal, or Hydroelectric energy.*

Is the amount of the total generation capacity of the Generation Unit for which this Application requests qualification as RPS Class I Renewable Generation already participating in the ISO New England Forward Capacity Market? *[Check one of the three boxes below.]*

☐ Yes, _____ MW are committed to the ISO New England Forward Capacity Market (FCM) by means of the following action *[identify the ISO-NE Forward Capacity Auction for which a show of intent or bid (indicate which) was submitted]*: _____, with the following result:

☐ No – Explain, and state your intentions re the FCM. _____

☐ **Not Applicable** because the Generation Unit is **not** a Non-intermittent Unit.

Name of the Generation Unit

Appendix B

Co-firing and Blended Fuels Waiver

Read all four sections of this Appendix and attach all required information.

1. **NOTE** that the Owner or Operator of the Generation Unit, or a duly-authorized agent thereof, is obligated to report to the NEPOOL GIS Administrator the quantity of electrical energy output attributable to each fuel each month pursuant to the NEPOOL GIS Operating Rules.

2. **Co-Firing and Blended Fuel Supply Plan**

ATTACH to this Application a Co-Firing and Blended Fuel Supply Plan that includes the following information:

- a. *Name of each and every fuel likely to be co-fired or used in a fuel blend;*
- b. *Likely proportion of each fuel in the mix or in the fuel blend;*
- c. *Likely net heat content of each, including any expected seasonal variations, such as those due to moisture content or wood species; and*
- d. *Seasonal variation, if any, of the fuel mix or blend.*

If the Generation Unit is not yet in operation, use your current assumptions about the fuel mix or blend and its characteristics.

3. **Calculation of the RPS Class I Qualified portion of electrical energy output**

For a Generation Unit that co-fires an Eligible Class I Renewable Fuel with an ineligible fuel (including all fossil fuels), whether as a mixture of solid fuels or a blend of liquid or of gaseous fuels, only the portion of the total electrical energy output attributable to the Eligible Class I Renewable Fuel will qualify as RPS Class I Renewable Generation in a given time period. In order to determine what that portion will be, ATTACH the following with this Application:

- a *Data and calculations documenting, pursuant to 225 CMR 14.05(3)(a), the ratio of the net heat content of the Eligible Class I Renewable Fuel consumed to the net heat content of all fuel consumed during an average month. If you anticipate substantial seasonal differences, then show this data for an average month in different seasons.*
- b *A description of the procedures that are (or will be) used by the Owner or Operator to obtain the data listed in bullet “a” above. Please also include a description of all quality control measures used to verify the uniformity of the heat content of the Eligible Class I Renewable Fuel or to account for variations in the heat content of the Eligible Class I Renewable Fuel used in the Generation Unit. If the Generation Unit is not yet in operation, use your current assumptions about the fuel mix or blend and its characteristics. (The Unit will not be held to these numbers in its actual operations; rather, this information is to demonstrate the applicant’s methodology.)*

4. *If the Generation Unit is or will be using an Eligible Biomass Fuel and is not located in Massachusetts, ATTACH documentation to demonstrate to the satisfaction of DOER that the emissions are or will be consistent with the rates prescribed by the MassDEP for comparably fueled Generation Units located in Massachusetts. Documentation may refer to the attached Valid Air Permit, or it may consist of vendor guarantees or a detailed engineering analysis.*

NOTE that (pursuant to 225 CMR 14.05(3)(c)), if the Generation Unit is using an Eligible Biomass Fuel and is not located in Massachusetts, the Generation Unit Owner or Operator will, if required by the Department, retain at its own expense a third-party consultant deemed satisfactory to the Department, to provide the Department and the MassDEP with assistance in the determination as to whether the emission rates for the entire Generation Unit either are or will be consistent with the rates prescribed by the MassDEP for comparably fueled Generation Units located in Massachusetts

Name of the Generation Unit

APPENDIX C

SPECIAL PROVISIONS FOR A GENERATION UNIT LOCATED IN A CONTROL AREA ADJACENT TO THE ISO-NE CONTROL AREA (PURSUANT TO 225 CMR 14.05(5))

1. Documentation of Import Legal Obligations

a. Check one of the following two boxes:

- ☐ I have provided as to DOER the documentation described below.
- ☐ I will provide, as soon as it becomes available, the documentation described below.

Documentation, satisfactory to DOER, of a contract or other legally enforceable obligation(s) (“Legal Obligation”) that is executed between the Generation Unit Owner or Operator and an electrical energy purchaser located in the ISO-NE Control Area for delivery of the Unit's electrical energy to the ISO-NE Control Area. Such documentation shall include provisions for obtaining associated transmission rights for delivery of the Unit's electrical energy from the Unit to the ISO-NE Control Area.

b. Acknowledge the following by checking the box below:

- ☐ I affirm that the Generation Unit Owner or Operator shall pay for evaluation and verification of the provisions of the above-described documentation by an independent party that is engaged by or approved by the Department [but only if deemed necessary by the Department].

2. Quarterly Import Documentation

Acknowledge the following by checking the box below:

- ☐ I affirm that the Generation Unit Owner or Operator shall provide to the NEPOOL GIS administrator each calendar quarter the following documentation, satisfactory to DOER, that:
- the electrical energy delivered pursuant to the Legal Obligation was settled in the ISO-NE Settlement Market System;
 - the Generation Unit produced, during each hour of the applicable month, the amount of MWhs claimed, as verified by the NEPOOL GIS administrator; if the originating Control Area employs a Generation Information System that is comparable to the NEPOOL GIS, information from that system may be used to support such documentation;
 - the electrical energy delivered under the Legal Obligation received a NERC Tag confirming transmission from the adjacent Control Area to the ISO-NE Control Area; and
 - the RPS Class I Renewable Generation Attributes have not been and nor will be, sold, retired, claimed, or represented as part of Energy sold elsewhere or used to satisfy obligations in another jurisdiction, using the “Imported Unit Energy Seller Certification” form set forth in the Appendix 2.7A of the NEPOOL GIS Operating Rules, as required in Rule 2.7(c)(z) of the NEPOOL GIS Operating Rules or any successor rule.

3. Annual Certification

Acknowledge the following by checking the box below:

<i>Name of the Generation Unit</i>

- ☐ I affirm that the Generation Unit Owner or Operator shall provide to DOER by July 1st of each year the following certification:²

I hereby certify that I have not otherwise sold, retired, claimed, used or represented as part of electrical energy output or sales, or used to satisfy obligations, in jurisdictions other than Massachusetts, the RPS Class I Renewable Generation Attributes associated with the electrical energy output during the year _____ of the Generation Unit named _____ that I transferred to the electrical energy purchaser named _____ that is located in the ISO-NE Control Area.

4. Attestation

Acknowledge the following by checking the box below:

- ☐ I affirm that the Generation Unit Owner or Operator shall provide to DOER an Attestation in a form available at DOER's RPS webpages that it will not itself or through any affiliate or other contracted party, engage in the process of importing RPS Class I Renewable Generation into the ISO-NE Control Area for the creation of RPS Class I Renewable GIS Certificates, and exporting that energy or a similar quantity of other energy out of the ISO-NE Control Area during the same hour. The Attestation shall be provided to DOER upon receipt of the Unit's Statement of Qualification and is effective as of the Unit's RPS Effective Date.

5. Hourly Accounting

Acknowledge the following by checking the box below:

- ☐ I understand that the quantity of electrical energy output from an RPS Class I Renewable Generation Unit outside the ISO-NE Control Area that can qualify as RPS Class I Renewable Generation at the NEPOOL GIS during each hour is limited to the lesser of the RPS Class I Renewable Generation actually produced by the Unit or the RPS Class I Renewable Generation actually scheduled and delivered into the ISO-NE Control Area.

² This certification does not hold the Generation Unit Owner, Operator, or Authorized Agent liable if a non-affiliated entity in the ISO New England Control Area sells, retires, claims, uses or represents as part of electrical energy output or sales, or uses to satisfy obligations, in jurisdictions other than Massachusetts, these RPS Class I Renewable Generation Attributes. Retail Electricity Suppliers will sign their own, comparable certifications when they submit their Annual RPS Compliance Filings to DOER.

Name of the Generation Unit

APPENDIX D

SPECIAL PROVISIONS FOR AGGREGATIONS

*Applicants for Aggregations must complete **both** sections of this Appendix.*

*Applicants for **other** Units whose output is not monitored and reported to the NEPOOL GIS by ISO-New England must complete only the second section, pursuant to 225 CMR 14.05(1)(c).*

*The above notwithstanding, Solar Carve-Out Applicants will **omit** the second section, per Section II.6.*

Aggregation information and acknowledgements

*Acknowledge, by checking every one of the boxes below, that this Application for an **Aggregation** of Generation Units that are located behind the customer meter or that are Off-grid Generation Units, each of which could independently meet the relevant requirements of 225 CMR 14.05, is eligible to receive a single Statement of Qualification and to be treated as a single Qualified Renewable Generation Unit, as provided in the RPS Class I provisions in 225 CMR 14.05(6). In addition, ATTACH any information required.*

- ☐ Each Generation Unit in the Aggregation is located in the same state and does or will use the same fuel, energy resource or technology type as all other Units in the Aggregation, which is the one indicated in the body of this Application.

ATTACH a list of all Units in the Aggregation, and for each Unit, provide the name of the Owner, the street address, the Commercial Operation Date, and the nameplate capacity (indicate whether kW or MW, and use PV Technical Detail Spreadsheet for PV Units).

- ☐ Each of the Owners or Operators of Generation Units within the Aggregation has or will enter into a written agreement with a person or entity that serves as the Authorized Agent for the Aggregation in all dealings with the Department and with the NEPOOL GIS, and such agreement must include procedures by which the electrical energy output of each Unit shall be monitored and reported to the NEPOOL GIS by an Independent Verifier (a.k.a. Third Party Meter Reader), pursuant to the provisions in 225 CMR 14.05(1)(c) and/or 14.05(6)(d).
- ☐ As the Authorized Agent of the Aggregation, I shall provide to the Department updates at appropriate intervals, but, at a minimum, an update due at the Department no later than June 1 of each year. Such updates shall include notice of any additions, deletions, or capacity changes from prior lists.

Name of the Generation Unit

APPENDIX E

SPECIAL PROVISIONS FOR GENERATION UNITS WHOSE OUTPUT IS *NOT* MONITORED & REPORTED BY ISO-NE

Independent Verifier (a.k.a. Independent Third Party Meter Reader)

*This section **must** be completed by any Applicant whose Unit's electrical energy output is not monitored and reported to the NEPOOL GIS by ISO New England, including but not limited to Aggregations, Units located behind a retail electricity customer's meter, and Off-grid Units. However, MA Solar Carve-Out Applicants **OMIT** this section (see Section II.6).*

a. Contact information

- Name of the entity acting as Independent Verifier _____
- Contact person's first name _____
- Contact person's last name _____
 - Title _____
 - E-mail address _____
 - Telephone number _____
 - Mobile phone number [optional] _____
 - FAX number [optional] _____
 - Street Address _____
 - City _____
 - State _____
 - Zip Code _____

b. Qualifications. [Include any information the Applicant believes will assist the Department in determining that the Independent Verifier will accurately and efficiently carry out its core responsibilities, as enumerated in Section 3 of this Request. After receipt of the application, the Department may require additional evidence of qualifications.]

c. Declaration of any and all business or financial relations between the Unit Owner or Operator or the Aggregation Authorized Agent and the Independent Verifier [The Department will use this to evaluate the independence of the Independent Verifier.³]

d. A statement by the Owner/Operator/Agent that indicates (1) under what circumstances the Independent Verifier would not be considered sufficiently independent of an individual Generation Unit, **and (2) that states, in the case of an Aggregation,** either that any Generation Unit not meeting this independence test would not be allowed to participate in the Aggregation or that a different Independent Verifier acceptable to the Department would be engaged for such Unit:

e. Compensation Basis. [Provide a description of how the Independent Verifier will be compensated for its services by the Generation Unit Owner/Operator/Aggregator. Department approval of the Independent Verifier will not be given and will be withdrawn if Independent Verifier is compensated in a manner linked to the number of NEPOOL GIS Certificates created by the Generation Unit or the Aggregation.]

³ **Reasons for ruling that an Independent Verifier is not sufficiently independent include, but are not limited to:** i) If one entity owns, directly or indirectly, or if a natural person so owns, 10% or more of the voting stock or other equity interest in the other entity; ii) If 10% or more of the voting stock or other equity interests in both entities are owned, directly or indirectly, by the same entity or a natural person; or iii) If one entity is a natural person, and such entity or a member of such entity's immediate family is an officer, director, partner, employee or representative of the other entity.

Name of the Generation Unit

Appendix F

Special Provisions for Incremental Generation Units

A Generation Unit with a Commercial Operation Date on or before December 31, 1997, for which the Applicant can demonstrate an actual or projected future increase in electrical energy output that is attributable to incremental new generating capacity or efficiency improvements installed or implemented after December 31, 1997, using equipment that was not utilized in any Renewable Generation Unit within the ISO-NE Control Area or within Control Areas adjacent thereto on or before December 31, 1997, and provided that the entire Unit meets all other relevant provisions in 225 CMR 14.05.

The **portion** of the total electrical energy output of the Generation Unit that qualifies as RPS Class I Renewable Generation in a given calendar year **shall be limited to the portion attributable to** incremental new generating capacity or efficiency improvements installed or implemented after December 31, 1997, using equipment that was not utilized in any Renewable Generation Unit within the ISO-NE Control Area or within Control Areas adjacent thereto on or before December 31, 1997. 225 CMR 14.05(2)(b).

Description of the incremental new generating capacity or efficiency improvements:

PROVIDE by attaching to an email addressed to doer.rps@statema.us a description of the incremental new generating capacity or efficiency improvements installed or implemented after December 31, 1997, including identification of the location(s), if any, where any newly installed equipment was used on or before December 31, 1997. Also, describe the Unit's Power Conversion Technology prior to the actual or planned changes. You may refer to the description in an attachment provided for another section of the Application.

Analysis for determination of the RPS Class I Renewable Generation:

PROVIDE by attaching to an email addressed to doer.rps@statema.us an analysis of the incremental new electrical energy output, as follows:

a. Hydroelectric Generation Units:

*In the case of a **Hydroelectric** project, **PROVIDE**, if applicable, the Order by which the Federal Energy Regulatory Agency (FERC) has certified the "historic average annual hydropower production" and the "percentage of average annual hydropower production at the facility attributable to the efficiency improvements or additions of capacity" for the purposes of obtaining federal renewable energy production tax credits for efficiency improvements or additions of capacity at existing facilities pursuant to Internal Revenue Service Code section 45. **However, see item iii, below, regarding a major difference between the FERC and DOER calculations of the percentage.***

- i. If FERC certification has been requested but not yet received, provide an electronic copy of the request, including the analysis of "historic average annual hydropower production" and the "percentage of average annual hydropower production at the facility attributable to the efficiency improvements or additions of capacity." Any Statement of Qualification granted to a project in advance of a positive FERC Order will require documentation of such Order as a precondition of DOER encoding at the NEPOOL GIS the qualification of the portion of the Unit's electrical energy output qualified as RPS Class I Renewable Generation.*
- ii. If FERC certification is not applicable or has not been sought, explain the circumstance, and provide an analysis consistent with and conforming to the [instructions issued by FERC](#) for requesting such certification, supported by a registered Professional Civil Engineer's report.*
- iii. However, **NOTE** in either case, that DOER requires a different formula than FERC requires. DOER requires the difference between the historic average annual hydropower production rate (X) and the post-improvement production rate (Y) to be divided by Y [(Y-X)/Y] in order to determine the portion of the total electrical energy output of the Unit that qualifies as RPS Class I in any given calendar year that is attributable to incremental new generating capacity or efficiency improvements installed or implemented after December 31, 1997. The input values to the formula are the same as in the FERC methodology; only the final equation is different.*

b. Non-Hydroelectric, Intermittent Generation Units: *CONTACT the RPS Program Manager.*

<i>Name of the Generation Unit</i>

c. c. Non-intermittent Generation Units:

d. In the case of a Non-intermittent Generation Unit, such as Biomass or Landfill Methane, PROVIDE the following information and calculation:

- i. *State and document (X) the rated capacity of the Unit **before** implementing the post-1997 incremental new generating capacity or efficiency improvements.*
- ii. *State and document (Y) the rated capacity of the Unit **after** implementing the post-1997 incremental new generating capacity or efficiency improvements.*
- iii. *Subtract X from Y, and divide the result by Y. That is: $(Y-X)/Y$.*
- iv. *DOER may, at its discretion, require additional documentation and engineering analysis.*

REFERENCE VERSION

Name of the Generation Unit

Appendix G

Special Provisions for Relocated, Repowered, & Replacement Generation Units

Select the appropriate option, and provide the information required for the selected option.

☐ **Relocated Generation Unit.**

A Generation Unit whose Power Conversion Technology was used on or before December 31, 1997, to generate electrical energy outside of both the ISO-NE Control Area and Control Areas adjacent thereto, and is relocated into one of those Control Areas after December 31, 1997, provided that any components of the Power Conversion Technology that were not used outside of those Control Areas were first used in a Generation Unit after December 31, 1997, and provided that the Unit meets all other relevant provisions in 225 CMR 14.05.

- *ATTACH a description of the Unit, including the location(s) and time period(s) of operation for all components of the Unit's Power Conversion Technology, and an identification of the fuels (if any) used at those places and times.*

☐ **Repowered Generation Unit.**

A Generation Unit whose Commercial Operation Date at its current location was on or before December 31, 1997, that did not utilize an Eligible RPS Class I Renewable Fuel at any time on or before that date, and that meets all relevant provisions in 225 CMR 14.05.

- *ATTACH (a) a list of all of the fuels used at this Unit during the entire operation of the Unit up to and including December 31, 1997, and the periods during which they were used; and (b) the technical changes (if any) that were made in order to repower the Unit.*
- *NOTE: If this Unit did not utilize an Eligible RPS Class I Renewable Fuel (for example, a fossil fuel) prior to December 31, 1997, and now uses or proposes to use an Eligible **Biomass Fuel**, the Unit must meet the RPS Class I eligibility criteria in 225 CMR 14.05(1)(a)7 for "Low-emission, advanced biomass conversion technologies using an Eligible Biomass Fuel," including any referenced Guidelines for that type of Unit.*

☐ **Replacement Generation Unit.**

A Generation Unit that replaces a mothballed or decommissioned Generation Unit that had operated on the same site on or before December 31, 1997, provided that (a) the entire Power Conversion Technology of the existing Unit is replaced with equipment manufactured after December 31, 1997; (b) the Unit being replaced has not been in commercial operation for at least five years prior to submission of the Statement of Qualification Application; and (c) the Replacement Generation Unit meets all other relevant provisions in 225 CMR 14.05 .

1. *ATTACH a description of the Unit that occupied this site prior to the Unit's replacement, including the technology and fuels used and their dates, the date that the Unit was mothballed or decommissioned, and the reason(s) for that action.*
2. *ATTACH documentation of such mothballing or decommissioning.*
3. *ATTACH a description of the Unit that has replaced or will replace the mothballed or decommissioned Unit, including identification and manufacturing date of all components of the Replacement Generation Unit's Power Conversion Technology.*
4. *ATTACH documentation of the date of manufacture of all components of the Replacement Generation Unit's Power Conversion Technology.*

Name of the Generation Unit

APPENDIX H
CERTIFICATION OF THE AUTHORIZED REPRESENTATIVE
WHEN THE OWNER OR OPERATOR IS AN INDIVIDUAL

I, _____ *[print name]*, as Owner or Operator of the
Generation Unit named in the Statement of Qualification Application to which this
Certification is appended, under the pains and penalties of perjury, hereby certify that
_____ is authorized to execute said Application.

[signature] _____ *[date]*

[title]

[TO BE COMPLETED BY NOTARY]

I, _____
as a notary public, certify that I witnessed the signature of the above named
_____, and that said individual verified
his or her identity to me on this date: _____, 20__.

[signature]

My commission expires on: _____

NOTARY SEAL HERE:

Name of the Generation Unit

**APPENDIX I
CERTIFICATION OF THE AUTHORIZED REPRESENTATIVE
WHEN THE OWNER OR OPERATOR IS A NON-CORPORATE ENTITY
OTHER THAN AN INDIVIDUAL**

RESOLUTION OF AUTHORIZATION

Resolved: that _____, named as
Authorized Representative in the Statement of Qualification Application to which this Certification
is appended, is authorized to execute said Application on behalf of
_____, the Owner or Operator of the
Generation Unit named in said Application.

[signature]

[date]

[name and title]

[TO BE COMPLETED BY NOTARY]

I, _____ as a notary public, certify that I
witnessed the signature of the above named _____, and
that said person stated that he or she is authorized to execute this resolution, and that the individual
verified his or her identity to me, on this date: _____, 20__.

[signature]

My commission expires on: _____

NOTARY SEAL HERE: