

Application Instructions for Maine Thermal Energy RPS Certification

Chapter 311 of the Commission's Rules outlines the Maine Thermal Energy RPS certification process, including information required to include in a petition for Thermal Energy RPS certification (see [Chapter 311](#)).

Thermal energy facilities must comply with the definition of thermal energy as stated in Chapter 311 § 2(CC). If you believe your facility qualifies for Thermal RECs based on the requirements below and you wish to apply for certification from the Commission, please provide the information requested in the "Petition" section of this document. You may choose to use the Thermal REC application form to provide the required information.

Thermal Energy. "Thermal energy" means heat, steam, hot water or another form of thermal energy:

- (1) Produced directly by a facility using sunlight, biomass, biogas or liquid biofuel or produced as a byproduct of electricity generated by a Class I or Class IA resource;
- (2) That begins operation after June 30, 2019, as certified by the commission;
- (3) Delivered to an end user in the State in a manner that can be verified by metering or other means certified by the commission to allow for auditable validation of useful thermal energy generated;
- (4) Used for heating, cooling, humidity control, process use or other end use to meet a need of the end user that would otherwise be met using another energy source such as electricity or an on-site thermal energy system; and
- (5) Generated or delivered in accordance with any efficiency performance standards established by the commission.

Petition for Thermal REC Certification

Petitions must include all information the rule requires. There is no prescribed application form, however applicants may choose to use the form provided. Petitions must be submitted through the Commission's electronic Case Management System (CMS).

As stated in Chapter 311, § 5(B)(2)., the Petition for certification shall include:

- (i) Name and address of petitioner;

- (ii) Location of the thermal energy facility;
- (iii) Location of the end user entity;
- (iv) Description of the thermal energy facility, including form of thermal energy and a means to verify the use of the form of thermal energy;
- (v) The initial commercial operations date, including verification of the commercial operations date;
- (vi) The means by which the thermal energy will be delivered to the end user and the metering or other means certified by the commission necessary to validate the thermal energy generated and transmitted;
- (vii) A demonstration and a means for verification that the thermal energy will be used for heating, cooling, humidity control, process use or other end use to meet a need of the end user that would otherwise be met using another energy source such as electricity or an on-site thermal energy system;
- (viii) A demonstration that the thermal energy facility meets any existing efficiency standards in effect for the sale or installation of the facility or, if no efficiency standards exist, a showing as to the facility's efficiency;
- (ix) A demonstration and a means for verification that the thermal energy will be generated with any efficiency standards established by the Commission in this section;
- (x) Demonstration of qualification for a comparable portfolio requirement in another state, if applicable;
- (xi) Any other information that the Commission determines to be necessary or useful.

In addition, The Commission requires answers for the following questions:

- 1) What is the NEPOOL GIS (must start with IMP, MSS or NON) and/or NAR Generator ID number?
- 2) Will this facility also produce electric RECs?