

November 7, 2017

#### VIA ELECTRONIC FILING

The Honorable Kimberly D. Bose, Secretary Federal Energy Regulatory Commission Room 1A-East, First Floor 888 First Street, N.E. Washington, D.C. 20426

Re: ISO New England Inc., Docket No. ER18-\_\_\_--000
Informational Filing for Qualification in the Forward Capacity Market
COMMENT DUE DATE OF NOVEMBER 22, 2017 PURSUANT TO THE
TARIFF

Dear Secretary Bose:

Pursuant to Section III.13.8.1 of the ISO New England Transmission, Markets and Services Tariff (the "Tariff"), <sup>1</sup> ISO New England Inc. (the "ISO") hereby submits confidential and public (*i.e.*, redacted) versions of this informational filing for qualification in the Forward Capacity Market for the 2021-2022 Capacity Commitment Period ("Informational Filing"). The Tariff allows parties to comment on or challenge determinations provided in the Informational Filing. Pursuant to Tariff Section III.13.8.1(d), any comments or challenges to the ISO's determinations must be filed with the Federal Energy Regulatory Commission ("FERC" or "Commission") no later than 15 days from the date of this Informational Filing. **Accordingly, the ISO requests that the Commission issue a notice requiring that any comments or protests be filed on or before November 22, 2017.** 

In accordance with Tariff Section III.13.8.1(d), if the Commission does not issue an Order **within 75 days** after the date of this filing directing otherwise, the determinations described in the Informational Filing and any elections pursuant to Tariff Section III.13.1.2.3.2.1.1 shall be used in conducting the twelfth Forward Capacity Auction ("FCA"), which will be held beginning on February 5, 2018, and will procure the needed capacity for the six state New England Control Area for the 2021-2022 Capacity Commitment Period. This Informational Filing details determinations made by the ISO with respect to that FCA and provides supporting documentation for such determinations.

<sup>&</sup>lt;sup>1</sup> Capitalized terms used but not otherwise defined in this filing have the meanings ascribed thereto in the Tariff, the Second Restated New England Power Pool Agreement, and the Participants Agreement.

Honorable Kimberly D. Bose November 7, 2017 Page 2

## I. COMMUNICATIONS

The ISO is the private, non-profit entity that serves as the regional transmission organization ("RTO") for New England. The ISO operates and plans the New England bulk power system and administers New England's organized wholesale electricity market pursuant to the Tariff and the Transmission Operating Agreement with the New England Participating Transmission Owners.

All correspondence and communications in this proceeding should be addressed to the undersigned as follows:

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#### II. BACKGROUND AND OVERVIEW

The Tariff requires the ISO to make a filing setting forth specific information related to the FCA.<sup>2</sup> The Informational Filing is to include the locational capacity requirements of the twelfth FCA based upon the topology of the transmission system, and specifically which Capacity Zones are to be modeled in the auction. The Tariff also requires the ISO to identify the multipliers applied in determining the appropriate Capacity Values for Demand Resources, as well as specify the resources accepted or rejected in the qualification process for participation in the twelfth FCA.

The ISO has reviewed all resources requesting to participate in the twelfth FCA. These include Existing and New Generating Capacity Resources, Import Capacity Resources, Import Capacity Resources, Import Capacity Resources coupled with an Elective Transmission Upgrade, and Demand Resources.<sup>3</sup> Pursuant to the Tariff, <sup>4</sup> the Informational Filing must include the results of the IMM's review of certain offers and bids, *e.g.*, Existing Capacity Resources that seek to statically de-list above the Dynamic De-List Bid Threshold, and new resources that have requested to submit offers below the relevant Offer Review Trigger Prices. This filing is the ISO's fulfillment of these requirements.

The Tariff requires the Informational Filing to include the transmission interface limits used in the process of selecting which Capacity Zones will be modeled in the twelfth FCA; which existing and proposed transmission lines the ISO determines will be in service by the start of the 2021-2022 Capacity Commitment Period; the expected amount of installed capacity in each modeled Capacity Zone during the 2021-2022 Capacity Commitment Period; the Local Sourcing Requirement for each modeled import-constrained Capacity Zone; and the Maximum Capacity Limit for each modeled export-constrained Capacity Zone.<sup>5</sup>

In accordance with Section III.12.4 of the Tariff, the ISO determined that it will model three Capacity Zones in the twelfth FCA: the Southeast New England Capacity Zone ("SENE"), the Northern New England Capacity Zone ("NNE") and the Rest-of-Pool

<sup>&</sup>lt;sup>2</sup> Section III.13.8.1(c) of the Tariff.

<sup>&</sup>lt;sup>3</sup> Demand Resource Sub-types include: On-Peak Demand Resources ("On-Peak"), Seasonal Peak Demand Resources ("Seasonal Peak"), and Demand Response Capacity Resources ("DRCR"). Values in this filing are represented in FCA Qualified Capacity ("FCA QC") megawatts. Resources were required to submit Financial Assurance by October 30, 2017.

<sup>&</sup>lt;sup>4</sup> Section III.13.8.1(c)(vii) of the Tariff.

<sup>&</sup>lt;sup>5</sup> See Section III.13.8.1(c) of the Tariff.

Honorable Kimberly D. Bose November 7, 2017 Page 4

Capacity Zone. The SENE Capacity Zone includes Southeastern Massachusetts, Rhode Island and Northeastern Massachusetts/Boston. The SENE Capacity Zone will be modeled as an import-constrained Capacity Zone. The NNE Capacity Zone includes Maine, New Hampshire and Vermont. NNE will be modeled as an export-constrained Capacity Zone. The Rest-of-Pool Capacity Zone includes Connecticut and Western/Central Massachusetts. These are the same Capacity Zones that were modelled for the eleventh FCA.

The Tariff also requires that the Informational Filing include the loss multiplier used to derive the Capacity Value for Demand Resources. For the twelfth FCA, this multiplier is 1.08.

Specific statistics related to the twelfth FCA are as follows:<sup>7</sup>

The Installed Capacity Requirement ("ICR") for the 2021-2022 Capacity Commitment Period is 34,683 MW. After accounting for 958 MW of Hydro Quebec Interconnection Capability Credits ("HQICCs"), the net ICR value is 33,725 MW. Using the Marginal Reliability Impact ("MRI") Demand Curve Methodology, the ISO is required to develop MRI Demand Curves to be used in the FCA to procure needed capacity in the FCA. The Installed Capacity Requirement, Local Sourcing Requirement for the SENE Capacity Zone, Maximum Capacity Limit for the NNE Capacity Zone, HQICCs and MRI Demand Curves are collectively referred to as the "ICR-Related Values." The ISO has submitted the 2021-2022 ICR-Related Values for Commission review in another proceeding.

 Qualified Existing Capacity Resources for the 2021-2022 Capacity Commitment Period consist of 31,702 MW<sup>9</sup> from Existing Generating Capacity Resources (intermittent and non-intermittent), 82 MW from Existing Import Capacity

<sup>7</sup> Values in this Transmittal Letter are rounded to eliminate decimals. Resources in the attachments are rounded to three decimal places.

<sup>&</sup>lt;sup>6</sup> Section III.13.8.1(c)(v) of the Tariff.

<sup>&</sup>lt;sup>8</sup> *ISO New England Inc.*, Filing of ICR-Related Values for the 2021-2022 Capacity Commitment Period, filed on November 7, 2017 ("2021-2022 ICR Filing").

<sup>&</sup>lt;sup>9</sup> Consistent with how resources are treated within the FCA, this value, and all other Existing Generating Capacity values shown within this filing, include adjustments for significant increases in capacity qualified through the New Capacity Qualification Process pursuant to Section III.13.1.2.2.5 of the Tariff. Significant Increases can be found in Attachment F.

Honorable Kimberly D. Bose November 7, 2017 Page 5

> Resources, <sup>10</sup> and 3,224 MW from Existing Demand Resources, <sup>11</sup> totaling 35,007 MW of Existing Capacity. 12

- A total of 2,309 MW of Static and zero Export De-list Bids were submitted for the twelfth FCA. Attachment E of this Informational Filing provides details regarding post QDN reductions or withdrawals.
- The ISO qualified 206 new capacity resources, totaling 5,605 MW. 13

Overall, 35,007 MW of existing and 5,605 MW of new resources have qualified for the twelfth FCA and will participate in the auction to procure capacity using the MRI Demand Curves, to meet a NICR of 33,725 MW.

#### III. FILING CONTENTS AND REQUEST FOR CONFIDENTIAL **TREATMENT**

This Informational Filing includes the following materials:

- This transmittal letter PUBLIC
- Attachment A: Existing Transmission Lines PUBLIC
- Attachment B: Proposed Transmission Lines PUBLIC
- Attachment C: Existing Generating, Import, and Demand Resource Capacity **PUBLIC**

<sup>&</sup>lt;sup>10</sup> Section IV.C.1 of this Transmittal Letter.

<sup>&</sup>lt;sup>11</sup> Id.

<sup>&</sup>lt;sup>12</sup> A resource qualified to participate in the FCA may change ownership on a monthly basis. Changes in Lead Market Participant effective after this filing will not be reflected in the filing and the attachments.

<sup>&</sup>lt;sup>13</sup> At the time of this filing, a New Generating Capacity Resource had not paid its Financial Assurance in accordance with Section III.13.1.9.1 of the Tariff. If the Finance Assurance is not paid by the close of the cure period, this resource will not be eligible for participation in the twelfth FCA. Since it was unknown at the time of this filing if the resource will pay its Finance Assurance, all qualification values in this filing include this New Generating Capacity Resource.

Honorable Kimberly D. Bose November 7, 2017 Page 6

- Attachment D: New Generating, Import, and Demand Resource Capacity CONTAINS CONFIDENTIAL INFORMATION DO NOT RELEASE
- Attachment E: Summary of All Static De-List Bids and Export De-List Bids Submitted – CONTAINS CONFIDENTIAL INFORMATION – DO NOT RELEASE<sup>14</sup>
- Attachment F: Significant Increases CONTAINS CONFIDENTIAL INFORMATION – DO NOT RELEASE
- Attachment G: Major Elements In The Determination of Expected Net Revenues Generation – CONTAINS CONFIDENTIAL INFORMATION – DO NOT RELEASE
- Attachment H: Major Elements In The Determination of Expected Net Revenues -Demand Resources - CONTAINS CONFIDENTIAL INFORMATION - DO NOT RELEASE
- Attachment I: Notifications sent to resources that were not qualified to participate
  in the FCA and Notifications from IMM regarding rejected/modified De-List Bids
  and Requests to Submit Offers below ORTP CONTAINS CONFIDENTIAL
  INFORMATION DO NOT RELEASE

The ISO requests confidential treatment under Section 388.112 (b) of the Commission's regulations for Attachments D-I. Section III.13.8.1 (c) of the Tariff requires the ISO to file the determinations in Sections III.13.8.1(c) (vi-viii) as confidential. These determinations are provided in Attachments D-H. Additionally, Attachment I includes notifications sent to resources that were not qualified to participate in the FCA. The notifications only went to the Project Sponsor and include a detailed explanation of the ISO's determination not to qualify a particular resource, which includes confidential information. <sup>15</sup> To the extent necessary, the ISO requests a waiver of the requirement to

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<sup>&</sup>lt;sup>14</sup> Permanent De-list Bids and Priced Retirement Requests were submitted earlier in the qualification process, specifically by March 24, 2017, pursuant to Section III.13.1.2.3.1. These bids were subsequently reviewed by the IMM and a determinations filing made on July 19, 2017 pursuant to Section III.13.8.1.(a). The Commission accepted this filing on October 19, 2017. *Order Accepting Filing And Granting Waiver*, 161 FERC ¶ 61,061 (2017)

<sup>&</sup>lt;sup>15</sup> Because the information is commercially sensitive, the Commission has granted the ISO's requests to treat this information as confidential in Informational Filings for previous FCAs. *See Order Accepting Informational Filing*, 138 FERC ¶ 61,196 (2012).

Honorable Kimberly D. Bose November 7, 2017 Page 7

include a form of protective order under Section 388.112 (b) (2) (1) of the Commission's regulations. Good cause exists to grant such a waiver given the highly commercially sensitive nature contained in the information filed confidentially. Recognizing this in prior proceedings, the Commission has granted a waiver of Section 388.112 for the same categories of Forward Capacity Market-related information included in prior FCM informational filings. <sup>16</sup> Further, as discussed above, the ISO's Tariff requires the ISO to file the determinations in Sections III.13.8.1(c) (vi-viii) as confidential. Finally, pursuant to Section III.13.8.1(c) of the Tariff, the ISO will publish the confidential information in Attachments D-H no later than 15 days after the twelfth FCA.

The confidential Attachments have been marked: "CONTAINS CONFIDENTIAL INFORMATION - DO NOT RELEASE." The ISO is filing one version of the Informational Filing that includes the confidential information, which should not be released to the public. A public, redacted version of this Informational Filing, which does not include the confidential attachments, is also filed herewith.

#### IV. INFORMATIONAL FILING

## A. Inputs Used to Model the FCA

Tariff Section III.13.8.1(c)(i-iv) requires the ISO to address in the Informational Filing the following inputs used to model the FCA: the Capacity Zones modeled in the FCA, the transmission interface limits used to model the Capacity Zones in the FCA, the existing and proposed transmission lines that will be in service by the start of the Capacity Commitment Period; the expected amount of Installed Capacity in each modeled Capacity Zone; the Local Sourcing Requirement for each modeled import-constrained Capacity Zone; and the Maximum Capacity Limit for each modeled export-constrained Capacity Zone.

Contemporaneously with this filing, the ISO is filing its annual ICR Filing with the Commission in which it submits for approval the 2021-2022 Capacity Commitment Period values for the ICR, the Local Sourcing Requirements, and the Maximum Capacity Limit. Given that the ICR Filing provides a comprehensive explanation of these values, the ISO does not repeat in detail those findings here.

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<sup>&</sup>lt;sup>16</sup> Order Accepting Informational Filing, 138 FERC  $\P$  61,196 (2012). See also Order Accepting Filing And Granting Waiver, 161 FERC  $\P$  61,061 (2017).

<sup>&</sup>lt;sup>17</sup> See footnote 8 supra.

Honorable Kimberly D. Bose November 7, 2017 Page 8

The ISO is proposing an Installed Capacity Requirement (net of HQICCs) of 33,725 MW, and applied the same modeling assumptions and methodology used in determining the Installed Capacity Requirement to develop the MRI Demand Curves to procure capacity in the twelfth FCA.

## 1. Existing and Proposed Transmission Lines and Transmission Interface Limits

Pursuant to Section III.13.8.1(c)(iii) of the Tariff, the ISO is required to provide the existing and proposed transmission lines that the ISO determines will be in service by the start of the 2021-2022 Capacity Commitment Period. Section III.12.6.2 of the Tariff establishes the initial threshold for transmission projects to be considered in service. Under this threshold, transmission projects submit critical path schedules, and must demonstrate that they are meeting certain milestones in the critical path schedule. Section III.12.6.2 of the Tariff also requires a statement from a company officer of the relevant transmission owner verifying that the critical path schedule submitted to the ISO is achievable.

For transmission projects that satisfy the threshold specified under Section III.12.6.2 of the Tariff, the ISO considers additional factors set forth in Section III.12.6.3 to determine if the project can be included in the network model for the relevant Capacity Commitment Period. The ISO has determined that the existing and proposed transmission lines listed in Attachments A and B will be in service by the start of the Capacity Commitment Period associated with the twelfth FCA.

The Informational Filing also identifies the transmission interface limits used in the process of determining the Local Sourcing Requirements and the Maximum Capacity Limit used in selecting the Capacity Zones modeled in the FCA. <sup>18</sup> Pursuant to Section III.12.5 of the Tariff, the ISO determines the transmission interface limits using network models that include existing and proposed transmission lines that the ISO concludes will be in service no later than the first day of the relevant Capacity Commitment Period. The ISO has calculated the transmission interface limits using a model that includes the existing and proposed transmission lines included in Attachments A and B. In calculating the SENE Capacity Zone Local Sourcing Requirement, a transmission interface limit of 5,700 MW was used for the Southeast New England import area. In calculating the NNE Capacity Zone Maximum Capacity Limit, a North-South transmission interface limit of 2,725 MW was used. The transmission interface limits were determined consistent with Section 4 of ISO New England Planning Procedure No. 3 - Transmission Transfer Capability.

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<sup>&</sup>lt;sup>18</sup> Section III.13.8.1(c)(ii) of the Tariff.

## 2. Capacity Zones

In accordance with Tariff Section III.12.4., the ISO will model three Capacity Zones in the twelfth FCA: SENE, NNE and Rest-of-Pool. SENE will be modeled as an import-constrained Capacity Zone. NNE will be modeled as an export-constrained Capacity Zone. These three Capacity Zones will also be modeled in subsequent reconfiguration auctions and Capacity Supply Obligation Bilaterals.

## 3. Local Sourcing Requirements and Maximum Capacity Limit

Section III.13.8.1(c) of the Tariff requires that the Informational Filing include the Local Sourcing Requirement for each modeled import-constrained Capacity Zone and the Maximum Capacity Limit for each export-constrained Capacity Zone. For the SENE modeled import-constrained Zone, the Local Sourcing Requirement is 10,018 MW. For the NNE modeled export-constrained zone, the Maximum Capacity Limit is 8,790 MW.

#### 4. The External Interface Limits

External interface limits are determined by accounting for tie benefits with the remaining electrical capability of the lines available for the delivery of imported capacity, the latter being the amount of total capacity that can be imported to New England from neighboring Control Areas in the FCA.

The ISO has calculated the following external interface capabilities to be used for the purpose of calculating tie benefits and in the conduct of the twelfth FCA: for Hydro-Quebec to New England interfaces, the Highgate import capability is 200 MW and the HQ Phase II import capability is 1,400 MW; for the New Brunswick to New England interface, the import capability is 700 MW; and for the New York to New England AC interface, the import capability is 1,400 MW and the direct current Cross Sound Cable import capability is zero MW. These values are the same as those used in the calculation of Tie Reliability Benefits for determining the ICR and were reviewed as part of the stakeholder process.

The following Tie Reliability Benefits were accounted for in determining the maximum amount of import resources that could be purchased over each interface without exceeding the interface limit: 143MW from Quebec over Highgate; 958 MW from Quebec over the HQ Phase II interface; 506 MW from New Brunswick over the New Brunswick to New England interface; and 413 MW from New York over the New York to New England AC interfaces. Accordingly, the maximum amount of import capacity resources that can be purchased over each interface is as follows: 57 MW for the Highgate Interface; 442 MW for the HO Phase II Interface; 194 MW for the New Brunswick to New England interface;

987 MW for the New York to New England AC interfaces, and 0 MW for the Cross Sound Cable. <sup>19</sup> For the twelfth Forward Capacity Auction, there were no Export De-List Bids.

## **B.** Capacity Value of Demand Resources

Section III.13.8.1(c)(v) of the Tariff requires that the Informational Filing provide the multipliers applied in determining the Capacity Value of a Demand Resource, as described in Section III.13.7.1.5.1. For the twelfth FCA, the multiplier is 1.08, which represents avoided peak transmission and distribution losses.

## C. List of Resources Accepted and Rejected

Section III.13.8.1(c)(vi) of the Tariff requires that the Informational Filing list the new resources that are accepted and rejected in the qualification process to participate in the FCA. Further, Section III.13.8.1(c)(vii) requires the ISO to provide the IMM's determinations regarding requests from new capacity resources to submit prices in the FCA below the relevant Offer Review Trigger Price, including information regarding elements considered in the IMM's determination (other than revenues from ISO-administered markets) and whether that element was included or excluded in the determination of whether the offer is consistent with the resource's long run average costs net of expected revenues, other than capacity revenues. Additionally, Section III.13.8.1(c)(viii) requires the IMM to provide an explanation of reasons for rejecting Static De-list Bids, Export Delist Bids, and Administrative De-list Bids. Finally, Section III.13.8.1(c) provides that the determinations in Sections III.13.8.1 (c)(vi-viii) be filed as confidential with the Commission.

Lead Market Participants for existing resources were notified of their resource's initial Qualified Capacity on February 24, 2017. Each Project Sponsor or Lead Market Participant of a potential new capacity resource was notified of its Qualification Determination Notification ("QDN") on September 29, 2017. Copies of the QDNs for resources that were not fully qualified to participate in the auction and for resources with rejected IMM de-list bids and offers below the relevant Offer Review Trigger Price are attached hereto as confidential Attachment I. Because the notifications contain commercially sensitive information, the ISO has requested that the Commission treat the information in Attachment I as confidential. A summary of the rejections are provided in confidential Attachments D, G and H.

<sup>&</sup>lt;sup>19</sup> Pursuant to Section III.12.10 of the Tariff.

<sup>&</sup>lt;sup>20</sup> Pursuant to Section III.13.2.5.2.5 of the Tariff, all de-list bids are also subject to reliability review.

## 1. Existing Resources

An Existing Capacity Resource may be an Existing Generating Capacity Resource, an Existing Import Capacity Resource, or an Existing Demand Resource. A total of 35,007 MW of Existing Capacity Resources qualified for the twelfth FCA, representing 31,702 MW from Existing Generating Capacity Resources, 82 MW from Existing Import Capacity Resources, and 3,224 MW from Existing Demand Resources. Attachment C shows the Existing Capacity Resources qualified for the twelfth FCA.

## a. Existing Resources That Submitted De-List Bids

Existing Capacity Resources may opt out of the capacity market by submitting a delist bid. This Informational Filing addresses Static De-list Bids, Export De-list Bids and Administrative De-list Bids. For the twelfth FCA, a total of 2,309 MW of pre-auction Static De-list Bids were submitted. Pursuant to Section III.13.1.2.3.2 of the Tariff, the IMM must review Export Bids and Static De-list Bids submitted by Market Participants above the Dynamic De-list Bid Threshold<sup>21</sup> of \$5.50/kW-month, at the Existing Capacity Qualification Deadline. For each resource, the IMM must determine if the de-list bid submitted by the participant is consistent with the four cost components comprising a delist bid; (1) the participants' net going forward costs for the resource, (2) the participant's reasonable expectations of the resource's Capacity Performance Payments, (3) the participant's reasonable risk premium, and (4) opportunity costs.

The IMM reviewed each de-list bid and the supporting cost information. If the IMM determined that the bid is consistent with the resource's net going forward costs; reasonable expectations of the resource's Capacity Performance Payments; reasonable risk premium assumptions; and reasonable opportunity costs, the bid will be entered into the FCA as described in Section III.13.2.3.2.(b) of the Tariff. If the IMM determined that the participant's de-list bid is inconsistent with a reasonable estimate of any of those four elements, then the IMM provided its estimate of the resource's de-list bid.

A resource with an IMM determined de-list bid has six options to exercise during the finalization window. First, the Market Participant can choose to take no further action on the bid. In that event, if the participant is not pivotal, the participant-submitted price will be entered into the auction. If the participant is pivotal, the IMM determined de-list bid price will be entered into the auction. Second, the participant can elect to lower the delist bid to a price that is not below the IMM determined de-list bid price. In that event, if the participant is not pivotal, then the participant-lowered price will be entered into the

<sup>&</sup>lt;sup>21</sup> See Section III.13.1.2.3.2.1.1 and III.13.1.4.1.1 of the Tariff.

auction, and otherwise the IMM determined de-list bid price will be entered into the auction. Third, a participant can decide to lower their de-list bid price below the IMM determined de-list bid price. In that event, the participant-lowered price will be used in the Forward Capacity Auction. Fourth, the participant can withdraw the resource's de-list bid and decide whether to dynamically de-list within the auction, in the event that the auction reaches a round which contains an end-of-round price below the dynamic de-list bid threshold. A resource making an election to reduce their de-list bid to less than or equal to the IMM determined de-list price or withdraw the de-list bid all together, is prohibited from challenging the IMM determined de-list bid. Fifth, a participant can decide to accept the IMM determined de-list bid price. In that event, this price will be used in the Forward Capacity Auction. Sixth, the resource may challenge the IMM's determination and propose a different de-list bid detailing the bid and its justification based on the resource's net going forward costs, reasonable expectations about the resource's Capacity Performance Payments, reasonable risk premium assumptions, and reasonable opportunity costs pursuant to Section III.13.8.1(d) of the Tariff. Attachment E indicates whether a delist bid has been withdrawn or lowered during the finalization window.

## i. Accepted De-List Bids

Section III.13.8.1(c) of the Tariff requires the ISO to file the IMM's determinations regarding accepted de-list bids as confidential. Accordingly, a summary of the IMM accepted de-list bids are included in privileged Attachment E.

## ii. Rejected De-List Bids

Section III.13.8.1(c) of the Tariff requires the ISO to file the IMM's determinations regarding rejected de-list bids as confidential. Accordingly, a summary of the IMM rejected de-list bids are included in privileged Attachment E. In addition, copies of the rejected de-list bid determination notifications are included in Attachment I.

#### 2. New Resources

A New Capacity Resource may be a New Generating Capacity Resource, a New Import Capacity Resource, New Import Capacity Resource coupled with an Elective Transmission Upgrade or a New Demand Resource. All Project Sponsors of new resources must have submitted a New Capacity Show of Interest Form and, at a later date, a New Capacity Qualification Package, in order to be eligible to participate in the FCA. A new resource is required to demonstrate in the New Capacity Show of Interest Form and the New Capacity Qualification Package that it can produce or curtail a specific megawatt value for the relevant Capacity Commitment Period. Resources that are not qualified to participate in the FCM may still be built and operated in the energy and other ancillary markets. In fact, several of the resources that have not been qualified for the FCA because of the Orrington South interface constraint have nonetheless built their projects and are providing energy (but not capacity) to the ISO Control Area.

## a. Accepted New Resources

Attachment D, which pursuant to Section III.13.8.1(c) of the Tariff is filed as confidential, lists the new generating, import and Demand Resources qualified to participate in the twelfth FCA. Resources that were qualified, but withdrew by the relevant deadline, are excluded.<sup>22</sup> In addition, for those resources that have been qualified as incremental new capacity, only the incremental megawatt amount is shown.

## b. Rejected New Resources

The ISO undertook a detailed analysis of each project to ascertain whether it met all of the qualification criteria for the twelfth FCA. This analysis involved a careful review of the interconnection of the resource and associated transmission upgrades that would be necessary to qualify a Generating Capacity Resource and careful review of Project Descriptions, Measurement and Verification Plans, Customer Acquisition Plans, and Funding Plans. The ISO provided guidance to Market Participants and publicly posted the deadline in advance of the New Capacity Qualification Deadline. In accordance with Tariff Section III.13.1.1.2.3, the ISO worked in consultation with the applicable Transmission Owner in reaching each determination involving that Transmission Owner's assets. Similarly, the ISO consulted with Demand Resource Market Participants and sought to ascertain clarity on project submittals where needed.

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<sup>&</sup>lt;sup>22</sup> Section III.13.1.1.2 of the Tariff.

Section III.13.8.1 (c) of the Tariff requires the ISO to file, as confidential, resources rejected in the qualification process, with the exception of new resources rejected due to the overlapping interconnection impacts analysis. Accordingly, rejected new resource projects are provided in confidential Attachment D. New resources rejected due to the overlapping interconnection impact analysis are described below. Resources that are not qualified to participate in the FCM may still be built and operated in the energy and other ancillary markets.

## Andro Hydro, LLC.

The Riley-Jay-Otis-Livermore project requested to be qualified with a Summer Qualified Capacity of 28.325 MW in the Maine Load Zone. The Riley-Jay-Otis-Livermore project is interconnecting into a portion of the New England system that is complex and subject to potentially severe constraints. Significant new transmission infrastructure is needed to interconnect projects into this area of the system. The expected extent of the transmission infrastructure is such that further completion of the applicable processes under Schedules 22, 23 and 25 of Section II of the Transmission, Markets and Services Tariff would be required before there would be sufficient commitment and progress toward completion of the infrastructure. Such infrastructure is not expected to be completed in time for the 2021-2022 Capacity Commitment Period.

## NextEra Energy Marketing, LLC.

The Moose WEC project requested to be qualified with a Summer Qualified Capacity of 245.380 MW in the Maine Load Zone. The Moose WEC project is interconnecting into a portion of the New England system that is complex and subject to potentially severe constraints. Significant new transmission infrastructure is needed to interconnect projects into this area of the system. The expected extent of the transmission infrastructure is such that further completion of the applicable processes under Schedules 22, 23 and 25 of Section II of the Transmission, Markets and Services Tariff would be required before there would be sufficient commitment and progress toward completion of the infrastructure. Such infrastructure is not expected to be completed in time for the 2021-2022 Capacity Commitment Period.

## NextEra Energy Marketing, LLC.

The Moose BSS project requested to be qualified with a Summer Qualified Capacity of 25.000 MW in the Maine Load Zone. The Moose BSS project is interconnecting into a portion of the New England system that is complex and subject to potentially severe constraints. Significant new transmission infrastructure is needed to interconnect projects into this area of the system. The expected extent of the transmission

infrastructure is such that further completion of the applicable processes under Schedules 22, 23 and 25 of Section II of the Transmission, Markets and Services Tariff would be required before there would be sufficient commitment and progress toward completion of the infrastructure. Such infrastructure is not expected to be completed in time for the 2021-2022 Capacity Commitment Period.

## NextEra Energy Marketing, LLC.

The Alder WEC project requested to be qualified with a Summer Qualified Capacity of 216.400 MW in the Maine Load Zone. The Alder WEC project is interconnecting into a portion of the New England system that is complex and subject to potentially severe constraints. Significant new transmission infrastructure is needed to interconnect projects into this area of the system. expected extent of the transmission infrastructure is such that further completion of the applicable processes under Schedules 22, 23 and 25 of Section II of the Transmission, Markets and Services Tariff would be required before there would be sufficient commitment and progress toward completion of the infrastructure. Such infrastructure is not expected to be completed in time for the 2021-2022 Capacity Commitment Period.

## NextEra Energy Marketing, LLC.

The Alder BSS project requested to be qualified with a Summer Qualified Capacity of 25.000 MW in the Maine Load Zone. The Alder BSS project is interconnecting into a portion of the New England system that is complex and subject to potentially severe constraints. The interconnection studies, pursuant to Schedule 22 or 23 of Section II of the Transmission, Markets and Services Tariff, for several earlier queued positions have to be completed before the upgrades for this project can be identified. Since the interconnection studies have not yet identified the required transmission upgrades and the ISO expects these upgrades to impact interconnection of the aforementioned project, the ISO cannot estimate whether these or other transmission upgrades associated with the aforementioned project can be completed in time for the 2021-2022 Capacity Commitment Period.

## NextEra Energy Marketing, LLC.

The Wintergreen Solar project requested to be qualified with a Summer Qualified Capacity of 152.000 MW in the Maine Load Zone. The Wintergreen Solar project is interconnecting into a portion of the New England system that is complex and subject to potentially severe constraints. Significant new transmission infrastructure is needed to interconnect projects into this area of the system. The expected extent of the transmission infrastructure is such that further completion of the applicable processes under Schedules 22, 23 and 25 of Section II of the Transmission, Markets and Services Tariff would be

required before there would be sufficient commitment and progress toward completion of the infrastructure. Such infrastructure is not expected to be completed in time for the 2021-2022 Capacity Commitment Period.

## NextEra Energy Marketing, LLC.

The Farmington Solar, LLC project requested to be qualified with a Summer Qualified Capacity of 78.400 MW in the Maine Load Zone. The Farmington Solar, LLC project is interconnecting into a portion of the New England system that is complex and subject to potentially severe constraints. Significant new transmission infrastructure is needed to interconnect projects into this area of the system. The expected extent of the transmission infrastructure is such that further completion of the applicable processes under Schedules 22, 23 and 25 of Section II of the Transmission, Markets and Services Tariff would be required before there would be sufficient commitment and progress toward completion of the infrastructure. Such infrastructure is not expected to be completed in time for the 2021-2022 Capacity Commitment Period.

## NextEra Energy Marketing, LLC.

The Lone Pine Solar, LLC project requested to be qualified with a Summer Qualified Capacity of 200.000 MW in the Maine Load Zone. The Lone Pine Solar, LLC project is interconnecting into a portion of the New England system that is complex and subject to potentially severe constraints. Significant new transmission infrastructure is needed to interconnect projects into this area of the system. The expected extent of the transmission infrastructure is such that further completion of the applicable processes under Schedules 22, 23 and 25 of Section II of the Transmission, Markets and Services Tariff would be required before there would be sufficient commitment and progress toward completion of the infrastructure. Such infrastructure is not expected to be completed in time for the 2021-2022 Capacity Commitment Period.

## New projects in Maine North of the Orrington South Interface

The following new resource projects in Maine were not qualified because the overlapping interconnection impact analysis determined that the addition of the projects would overload the Orrington South interface. In each case, due to the complexity of the transmission planning analyses necessary to fully identify the upgrades and the amount of additional transfer capability necessary to allow new resources to qualify north of the Orrington South interface, the ISO determined that the upgrades are not expected to be in place prior to the start of the 2021-2022 Capacity Commitment Period. It is important to note that none of these resources have requested a preliminary overlapping interconnection impact analysis pursuant to Schedules 22 or 23 of the ISO Tariff (the Large/Small

Honorable Kimberly D. Bose November 7, 2017 Page 17

Generator Interconnection Procedures) to identify potential upgrades necessary for the resource to qualify for participation in the FCA.<sup>23</sup>

## Seneca Energy II, LLC.

The Juniper Ridge Energy FCA 10 project requested to be qualified with a Summer Qualified Capacity of 4.600 MW in the Maine Load Zone. The overlapping interconnection impact analysis determined that the Orrington South interface would be overloaded after the addition of the Juniper Ridge Energy FCA 10 project. Due to the complexity of the transmission planning analyses necessary to fully identify the upgrades and the amount of additional transfer capability necessary to allow new resources to qualify north of the Orrington South interface, the ISO has determined that the upgrades are not expected to be in place prior to the start of the 2021-2022 Capacity Commitment Period.

## Black Bear Hydro Partners, LLC.

The Orono - A Hydro project requested to be qualified with a Summer Qualified Capacity of 2.330 MW in the Maine Load Zone. The overlapping interconnection impact analysis determined that the Orrington South interface would be overloaded after the addition of the Orono - A Hydro project. Due to the complexity of the transmission planning analyses necessary to fully identify the upgrades and the amount of additional transfer capability necessary to allow new resources to qualify north of the Orrington South interface, the ISO has determined that the upgrades are not expected to be in place prior to the start of the 2021-2022 Capacity Commitment Period.

#### Black Bear Hydro Partners, LLC.

The Orono - B Hydro project requested to be qualified with a Summer Qualified Capacity of 3.750 MW in the Maine Load Zone. The overlapping interconnection impact analysis determined that the Orrington South interface would be overloaded after the addition of the Orono - B Hydro project. Due to the complexity of the transmission planning analyses necessary to fully identify the upgrades and the amount of additional transfer capability necessary to allow new resources to qualify north of the Orrington South interface, the ISO has determined that the upgrades are not expected to be in place prior to the start of the 2021-2022 Capacity Commitment Period.

## Black Bear Hydro Partners, LLC.

<sup>&</sup>lt;sup>23</sup> Section 7.3 of Schedule 22 of the Open Access Transmission Tariff.

The Stillwater - B Hydro project requested to be qualified with a Summer Qualified Capacity of 2.250 MW in the Maine Load Zone. The overlapping interconnection impact analysis determined that the Orrington South interface would be overloaded after the addition of the Stillwater - B Hydro project. Due to the complexity of the transmission planning analyses necessary to fully identify the upgrades and the amount of additional transfer capability necessary to allow new resources to qualify north of the Orrington South interface, the ISO has determined that the upgrades are not expected to be in place prior to the start of the 2021-2022 Capacity Commitment Period.

## **EDF Energy Services, LLC.**

The Passadumkeag Windpark, LLC project requested to be qualified with a Summer Qualified Capacity of 39.975 MW in the Maine Load Zone. The overlapping interconnection impact analysis determined that the Orrington South interface would be overloaded after the addition of the Passadumkeag Windpark, LLC project. Due to the complexity of the transmission planning analyses necessary to fully identify the upgrades and the amount of additional transfer capability necessary to allow new resources to qualify north of the Orrington South interface, the ISO has determined that the upgrades are not expected to be in place prior to the start of the 2021-2022 Capacity Commitment Period.

### NextEra Energy Marketing, LLC.

The Dawn Land Solar, LLC project requested to be qualified with a Summer Qualified Capacity of 75.000 MW in the Maine Load Zone. The overlapping interconnection impact analysis determined that the Orrington South interface would be overloaded after the addition of the Dawn Land Solar, LLC project. Due to the complexity of the transmission planning analyses necessary to fully identify the upgrades and the amount of additional transfer capability necessary to allow new resources to qualify north of the Orrington South interface, the ISO has determined that the upgrades are not expected to be in place prior to the start of the 2021-2022 Capacity Commitment Period

## **Enerwise Global Technologies, Inc.**

The RTDR Bangor ME FCA12 project requested to be qualified with a summer Qualified Capacity of 4.158 MW in the Maine Load Zone and Bangor Hydro Dispatch Zone. An overlapping interconnection impact analysis was performed in accordance with Planning Procedure 10 – Planning Procedure to Support the Forward Capacity Market (PP-10) Section 5.8. The analysis determined that the Orrington South interface would be overloaded after the addition of the RTDR Bangor ME FCA12 project. Due to the complexity of the transmission planning analyses necessary to fully identify the upgrades

and the amount of additional transfer capability necessary to allow new resources to qualify north of the Orrington South interface, the ISO has determined that the upgrades are not expected to be in place prior to the start of the 2021-2022 Capacity Commitment Period. Accordingly, the aforementioned project was not qualified for the twelfth FCA 2021-2022 Capacity Commitment Period.

## c. Requested Prices below the relevant Offer Review Trigger Price

Pursuant to Section III.A.21.2 of the Tariff, the IMM reviews requests by a participant to submit an offer for a new capacity resource below the Offer Review Trigger Price for the applicable resource type. If the IMM determines that the requested offer price is inconsistent with the IMM's estimate, then the resource's New Resource Offer Floor Price will be set to a level that is consistent with the capacity price estimate, as determined by the IMM. The IMM's capacity price estimate is derived by entering all relevant resource costs and non-capacity revenue data, as well as assumptions regarding depreciation, taxes, and discount rate into the capital budgeting model used to develop the relevant Offer Review Trigger Price and calculating the break-even contribution required from the Forward Capacity Market to yield a discounted cash flow with a net present value of zero for the project.

Section III.13.8.1(c)(vii) requires the ISO to provide the IMM's determinations regarding requested offer prices below the relevant Offer Review Trigger Price, including information regarding the elements considered in the IMM's determination (other than revenues from ISO-administered markets) and whether that element was included or excluded in the determination of whether the offer is consistent with the resource's long run average costs net of expected revenues other than capacity revenues (the IMM's capacity price estimate) for the resource. Pursuant to Section III.13.8.1(c) of the Tariff, the IMM determinations regarding requested offers below the relevant Offer Review Trigger Price and the information regarding each of the revenue elements considered in the IMM's determination (other than revenues from ISO-administered markets) are filed as confidential in Attachments D, G, H and I. Section III.13.8.1(c) of the Tariff also requires the ISO to file the Generating Capacity Resource supply offers<sup>25</sup> and New Demand Resource offers evaluated by the IMM as confidential. Accordingly, the IMM evaluated

<sup>&</sup>lt;sup>24</sup> Section III.13.A.21.2(b)(iv) of the Tariff.

<sup>&</sup>lt;sup>25</sup> The megawatt values presented in this table are offered megawatts and may differ from the FCA Qualified Capacity megawatts found in Attachment D.

Honorable Kimberly D. Bose November 7, 2017 Page 20

Generating Capacity Resources supply offers<sup>26</sup> and New Demand Resource offers are included in the confidential Attachments G and H.

#### V. SERVICE

The ISO has served via electronic mail the foregoing document and attachments upon the Governance Participants posted on the ISO's website at <a href="https://www.iso-ne.com/participate/participant-asset-listings/directory?id=1&type=committee.">https://www.iso-ne.com/participate/participant-asset-listings/directory?id=1&type=committee.</a>

#### VI. CONCLUSION

In this Informational Filing, the ISO has presented all of the information required by Section III.13.8.1 of the Tariff. The ISO has reviewed and set forth the characteristics of the transmission system, and Capacity Zones that will be modeled for the auction. The ISO has also calculated and presented a multiplier for Demand Resources as required by the Tariff. The ISO and the IMM, as appropriate, have reviewed a large number of offers and bids and determined which should qualify for the FCA pursuant to the Tariff, and have provided their determinations herein as required by the Tariff. Overall, 35,007 MW of existing and 5,605 MW of new resources have qualified for the twelfth FCA and will participate in the auction to procure capacity using the MRI Demand Curves, to meet a NICR of 33,725 MW.

<sup>&</sup>lt;sup>26</sup> The megawatt values presented in this table are offered megawatts and may differ from the FCA Qualified Capacity megawatts found in Attachment D.

Honorable Kimberly D. Bose November 7, 2017 Page 21

Respectfully submitted,

By: /s/ Kevin W. Flynn

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Attachments

**Attachment A: Existing Transmission Lines** 

# Attachment A Existing Transmission Lines

See "ISO-New England Pool Transmission Facilities (2017) Final" available at: https://www.iso-ne.com/static-assets/documents/2017/04/2017-final-ptf-catalog 04212017.pdf

**Attachment B: Proposed Transmission Lines** 

## Attachment B Proposed Transmission Lines

See "2021-2022 FCM New Transmission Project Tracker" available at:

https://www.iso-ne.com/static-assets/documents/2017/01/transmission projects tracker jan 2017.xlsx



**Attachment C: Existing Generating, Import, and Demand Resource Capacity** 

Attachment C
Existing Generating, Import, and Demand Resource Capacity

	Summary of Exi	sting Resources	
Туре	Sub-type	Count	FCA Qualified Capacity (MW)
DR	On Peak	77	2,079.308
	RTDR	107	618.670
	RTEG		-
	Seasonal Peak	7	525.523
	<b>DR Totals</b>	191	3,223.501
Gen	Intermittent	363	886.261
	Non Intermittent	257	30,808.762
	Significant Increase <sup>1</sup>	6	6.936
	Gen Totals	626	31,701.959
Import	Resource Backed	2	81.800
	Pool Backed	-	-
	Import Totals	2	81.800
TOTALS		819	35,007.260

<sup>&</sup>lt;sup>1</sup> Significant Increases can be found in Attachment F.

Mutually Exclusive						
	Total Count	Final Qualified Capacity (MW)				
New Resources	0	-				
<b>Existing Resources</b>	0	-				

Mutually Exclusive Resources are resources that will clear as either new or existing, but not both.

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item#	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
1	DR	ON_PEAK	12696	7.9 MW CHP Plant	Northern New England	NEWHAMPSHIRE	10.800
				Acushnet Company - Ball Plant II -			
2	DR	ON PEAK	12694	Combined Heat and Power Project	Southeast New England	SEMASS	2.111
3	DR	ON PEAK	12590	Ameresco CT DSM	Rest-of-Pool	CONNECTICUT	5.749
4	DR	ON_PEAK	38689	Bloom Energy CT SOFC	Rest-of-Pool	CONNECTICUT	9.180
5	DR	ON_PEAK	38684	Bloom Energy SOFC	Southeast New England	NEMASSBOST	9.180
6	DR	ON_PEAK	38447	Boston_PeakDR	Southeast New England	NEMASSBOST	2.700
7	DR	ON_PEAK	12749	Bridgewater Correctional Complex Cogeneration	Southeast New England	SEMASS	1.412
8	DR	ON_PEAK	12822	Burlington Electric Department - On-Peak Efficiency	Northern New England	VERMONT	5.149
9	DR	ON_PEAK	12597	Cambridge Energy Alliance-1	Southeast New England	NEMASSBOST	0.653
10	DR	ON_PEAK	12598	Cambridge Energy Alliance-2	Southeast New England	NEMASSBOST	4.736
11	DR	ON PEAK	12705	Cape Light Compact Energy Efficiency Portfolio	Southeast New England	SEMASS	43.794
12	DR	ON PEAK	9100	CL&P Connecticut Portfolio	Rest-of-Pool	CONNECTICUT	9.731
13	DR	ON PEAK	9127	CL&P CT Portfolio - 2007	Rest-of-Pool	CONNECTICUT	0.000
14	DR	ON_PEAK	9115	CL&P Dist Gen 2007	Rest-of-Pool	CONNECTICUT	0.293
15	DR	ON_PEAK	12583	CL&P Distributed Generation FCM 2010	Rest-of-Pool	CONNECTICUT	34.232
16	DR	ON_PEAK	9109	Commercial Energy Efficiency	Northern New England	VERMONT	0.085
				Conservation and Load Management			
17	DR	ON_PEAK	12584	Program	Rest-of-Pool	CONNECTICUT	2.139
18	DR	ON_PEAK	12779	CPLN CT On-Peak	Rest-of-Pool	CONNECTICUT	2.290
19	DR	ON_PEAK	12832	CPLN MA NEMA OP	Southeast New England	NEMASSBOST	6.561
20	DR	ON_PEAK	12835	CPLN MA SEMA OP	Southeast New England	SEMASS	0.608
21	DR	ON_PEAK	12838	CPLN MA WC OP	Rest-of-Pool	WCMASS	7.491
22	DR	ON PEAK	12841	CPLN ME OP	Northern New England	MAINE	0.038
23	DR	ON PEAK	12843	CPLN RI OP	Southeast New England	RHODEISLAND	0.280
24	DR	ON_PEAK	12786	CSG Aggregation of DG and 24 hr lighting EE - NEMA1	Southeast New England	NEMASSBOST	12.318
25	DR	ON_PEAK	38387	CSG Aggregation of DG and 24 hr lighting EE - NEMA1_2	Southeast New England	NEMASSBOST	11.923
26	DR	ON_PEAK	12791	CSG Aggregation of DG and 24 hr lighting EE - SEMA1	Southeast New England	SEMASS	1.517
27	DR	ON_PEAK	38388	CSG Aggregation of DG and 24 hr lighting EE - SEMA1_2	Southeast New England	SEMASS	2.861
28	DR	ON_PEAK	12799	CSG Aggregation of DG and 24 hr lighting EE - WCMA1	Rest-of-Pool	WCMASS	2.106
29	DR	ON PEAK	38389	CSG Aggregation of DG and 24 hr lighting EE - WCMA1 2	Rest-of-Pool	WCMASS	3.035
30	DR	ON PEAK	12790	CSG Aggregation of DG and 24 hr lighting EE -RI	Southeast New England	RHODEISLAND	0.217

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item #	Type	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
31	DR	ON_PEAK	38787	CT On-Peak Solar	Rest-of-Pool	CONNECTICUT	0.000
				Efficiency Maine Residential Efficient			
32	DR	ON PEAK	12586	Products	Northern New England	MAINE	14.683
33	DR	ON PEAK	35453	Efficiency Maine Trust	Northern New England	MAINE	9.239
34	DR	ON PEAK	16651	Efficiency Maine Trust Efficient Products	Northern New England	MAINE	30.351
35	DR	ON_PEAK	37112	Efficiency Maine Trust FCA6	Northern New England	MAINE	1.890
36	DR	ON PEAK	38057	Efficiency Maine Trust FCA6 B	Northern New England	MAINE	86.368
37	DR	ON PEAK	38390	Efficiency Maine Trust FCA9	Northern New England	MAINE	4.049
38	DR	ON PEAK	14579	FGE Energy Efficiency Portfolio 2011	Rest-of-Pool	WCMASS	0.222
39	DR	ON PEAK	15586	Gardner Wind Turbine	Rest-of-Pool	WCMASS	0.222
40	DR	ON_PEAK	12753	MA SEMA state colleges	Southeast New England	SEMASS	0.147
41	DR	ON PEAK	38311	NEMA CHP	Southeast New England	NEMASSBOST	2.238
41	DR	_	9122	ngrid nema odr eeproject_1			2.236
43	DR	ON_PEAK ON PEAK	9114	ngrid nema odr eeproject_1 ngrid nh odr eeproject 1	Southeast New England	NEMASSBOST NEWHAMPSHIRE	0.630
_			-		Northern New England	-	
44	DR	ON PEAK	9116	ngrid ri odr eeproject 1	Southeast New England	RHODEISLAND	2.416
45	DR	ON PEAK	9120	ngrid sema odr eeproject_1	Southeast New England	SEMASS	2.377
46	DR	ON_PEAK	9121	ngrid wcma odr eeproject_1	Rest-of-Pool	WCMASS	2.644
47	DR	ON_PEAK	12670	ngrid_nema_fca1_eeodr	Southeast New England	NEMASSBOST	155.825
48	DR	ON_PEAK	12671	ngrid_nh_fca1_eeodr	Northern New England	NEWHAMPSHIRE	6.991
49	DR	ON_PEAK	12672	ngrid_ri_fca1_eeodr	Southeast New England	RHODEISLAND	236.699
50	DR	ON_PEAK	38483	Ngrid_SEMA_CHP	Southeast New England	SEMASS	1.692
51	DR	ON_PEAK	12673	ngrid_sema_fca1_eeodr	Southeast New England	SEMASS	190.504
52	DR	ON_PEAK	12674	ngrid_wcma_fca1_eeodr	Rest-of-Pool	WCMASS	256.937
53	DR	ON_PEAK	9128	NHEC CORE EE Pgm Portfolio 1	Northern New England	NEWHAMPSHIRE	0.000
54	DR	ON_PEAK	12757	NHEC Energy Efficiency Programs	Northern New England	NEWHAMPSHIRE	0.959
55	DR	ON_PEAK	38468	Norfolk-Walpole Co-Gen	Southeast New England	SEMASS	1.296
56	DR	ON PEAK	12684	NSTAR EE NEMA	Southeast New England	NEMASSBOST	493.343
57	DR	ON PEAK	12685	NSTAR EE SEMA	Southeast New England	SEMASS	94.023
58	DR	ON PEAK	9126	NSTAR NEMA 07	Southeast New England	NEMASSBOST	0.000
59	DR	ON_PEAK	9123	NSTAR SEMA	Southeast New England	SEMASS	2.070
60	DR	ON_PEAK	15543	Plymouth Wind	Southeast New England	SEMASS	0.000
61	DR	ON_PEAK	9105	PSNH CORE EE Pgm Portfolio I	Northern New England	NEWHAMPSHIRE	2.473
62	DR	ON PEAK	12693	PSNH CORE Energy Efficiency Programs	Northern New England	NEWHAMPSHIRE	82.943
63	DR	ON_PEAK	9108	Residential Energy Efficienc	Northern New England	VERMONT	0.002
64	DR	ON PEAK	38217	RI CHP	Southeast New England	RHODEISLAND	11.344
	***						
65	DR	ON_PEAK	12754	Tewksbury State Hospital Cogenerator	Rest-of-Pool	WCMASS	0.734
66	DR	ON_PEAK	12801	UES CORE Energy Efficiency Programs	Northern New England	NEWHAMPSHIRE	7.855
67	DR	ON PEAK	9125	UES EE Project 2007	Northern New England	NEWHAMPSHIRE	0.000
68	DR	ON PEAK	14580	UES Energy Efficiency Portfolio 2011	Northern New England	NEWHAMPSHIRE	0.270

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item #	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
69	DR	ON PEAK	9129	UMass Amherst - 4 MW Steam Turbine	Rest-of-Pool	WCMASS	1.620
70	DR	ON PEAK	12657	Unitil CORE Energy Efficiency Programs-2	Rest-of-Pool	WCMASS	8.022
71	DR	ON_PEAK	9118	Unitil EE Project -2007	Rest-of-Pool	WCMASS	0.000
72	DR	ON_PEAK	12802	University of Massachusetts Central Heating Plant-3	Rest-of-Pool	WCMASS	10.260
73	DR	ON_PEAK	12845	Vermont Efficiency Portfolio-1	Northern New England	VERMONT	83.881
74	DR	ON_PEAK	38216	WCMA CHP	Rest-of-Pool	WCMASS	10.058
75	DR	ON_PEAK	16790	WCMA Project E	Rest-of-Pool	WCMASS	0.400
76	DR	ON_PEAK	38219	WMECO EE WCMA	Rest-of-Pool	WCMASS	66.196
77	DR	ON_PEAK	9131	WMECO MA Portfolio 2006	Rest-of-Pool	WCMASS	0.000
78	DR	REAL_TIME	10361	BOC Kittery Load	Northern New England	MAINE	9.396
79	DR	REAL_TIME	10106	Citizens Group A	Northern New England	VERMONT	5.076
80	DR	REAL TIME	16713	Comverge CoolSentry 2	Rest-of-Pool	CONNECTICUT	21.592
81	DR	REAL TIME	16718	Comverge CoolSentry 4	Rest-of-Pool	CONNECTICUT	0.947
82	DR	REAL TIME	38521	CT 2 - Auto	Rest-of-Pool	CONNECTICUT	2.700
83	DR	REAL_TIME	38522	CT 2A - Auto	Rest-of-Pool	CONNECTICUT	1.350
84	DR	REAL_TIME	38523	CT 2B - Auto	Rest-of-Pool	CONNECTICUT	1.350
85	DR	REAL_TIME	38758	CT Small Gen	Rest-of-Pool	CONNECTICUT	1.944
86	DR	REAL_TIME	38485	CT_DR	Rest-of-Pool	CONNECTICUT	0.000
87	DR	REAL_TIME	38487	CT_RTDR	Rest-of-Pool	CONNECTICUT	2.160
88	DR	REAL_TIME	38360	DRCR_Boston_201403	Southeast New England	NEMASSBOST	10.000
89	DR	REAL_TIME	38322	DRCR_Central MA_201403	Rest-of-Pool	WCMASS	10.000
90	DR	REAL_TIME	38324	DRCR_Lower SEMA_201403	Southeast New England	SEMASS	3.038
91	DR	REAL_TIME	38813	DRCR_New Hampshire_2016	Northern New England	NEWHAMPSHIRE	9.000
92	DR	REAL_TIME	38331	DRCR_Rhode Island_201403	Southeast New England	RHODEISLAND	18.900
93	DR	REAL TIME	38334	DRCR SEMA 201403	Southeast New England	SEMASS	20.034
94	DR	REAL TIME	38803	DRCR Springfield MA 2016	Rest-of-Pool	WCMASS	5.300
95	DR	REAL TIME	38800	DRCR_Western MA_2016	Rest-of-Pool	WCMASS	14.000
96	DR	REAL_TIME	37853	Hess DR Northwest VT 2013-14	Northern New England	VERMONT	0.000
97	DR	REAL_TIME	37854	Hess DR Northwest VT 2014-15	Northern New England	VERMONT	0.000
98	DR	REAL_TIME	37855	Hess DR Northwest VT 2015-16	Northern New England	VERMONT	1.200
99	DR	REAL_TIME	10091	MWRA Deer Island	Southeast New England	NEMASSBOST	15.660
100	DR	REAL_TIME	38396	NEMA 1 - New T4	Southeast New England	NEMASSBOST	1.000
101	DR	REAL_TIME	38268	NEMA 1 EG	Southeast New England	NEMASSBOST	1.620
102	DR	REAL_TIME	38398	NEMA 2 - New T4	Southeast New England	NEMASSBOST	1.000
103	DR	REAL_TIME	38270	NEMA 2 EG	Southeast New England	NEMASSBOST	1.620
104	DR	REAL_TIME	38761	NEMA Small Gen	Southeast New England	NEMASSBOST	1.944
105	DR	REAL_TIME	38693	NEMA_ActiveDR	Southeast New England	NEMASSBOST	1.620
106	DR	REAL TIME	38789	NEMA ActiveLM	Southeast New England	NEMASSBOST	1.080
107	DR	REAL TIME	38400	RI 1 - New T4	Southeast New England	RHODEISLAND	2.592
108	DR	REAL TIME	38401	RI 1 - Retrofit	Southeast New England	RHODEISLAND	1.296

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item #	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
109	DR	REAL_TIME	38276	RI 1 EG	Southeast New England	RHODEISLAND	1.080
110	DR	REAL TIME	16700	RI CoolSentry	Southeast New England	RHODEISLAND	3.338
111	DR	REAL TIME	38120	RTDR 50017 Bangor Hydro (7504) - 3	Northern New England	MAINE	2.430
112	DR	REAL TIME	38121	RTDR_50017_Boston (7507) - 3	Southeast New England	NEMASSBOST	0.000
113	DR	REAL_TIME	38122	RTDR_50017_Central MA (7515) - 3	Rest-of-Pool	WCMASS	6.873
114	DR	REAL_TIME	38123	RTDR_50017_Eastern CT (7500) - 3	Rest-of-Pool	CONNECTICUT	5.806
115	DR	REAL_TIME	38124	RTDR_50017_Lower SEMA (7511) - 3	Southeast New England	SEMASS	1.871
116	DR	REAL_TIME	38125	RTDR_50017_Maine (7505) - 3	Northern New England	MAINE	58.299
117	DR	REAL TIME	38126	RTDR 50017 New Hampshire (7509) - 3	Northern New England	NEWHAMPSHIRE	5.671
118	DR	REAL TIME	38127	RTDR_50017_North Shore (7508) - 3	Southeast New England	NEMASSBOST	0.000
119	DR	REAL TIME	38128	RTDR 50017 Northern CT (7501) - 3	Rest-of-Pool	CONNECTICUT	9.612
		_		RTDR_50017_Northwest Vermont (7513) -			
120	DR	REAL TIME	38129	3	Northern New England	VERMONT	24.622
		_		RTDR_50017_Norwalk - Stamford (7502) -	Ţ.		
121	DR	REAL TIME	38130	3	Rest-of-Pool	CONNECTICUT	2.131
122	DR	REAL_TIME	38131	RTDR_50017_Portland Maine (7506) - 3	Northern New England	MAINE	2.110
123	DR	REAL_TIME	38132	RTDR_50017_Rhode Island (7518) - 3	Southeast New England	RHODEISLAND	6.287
124	DR	REAL_TIME	38134	RTDR_50017_Seacoast (7510) - 3	Northern New England	NEWHAMPSHIRE	1.391
125	DR	REAL_TIME	38133	RTDR_50017_SEMA (7512) - 3	Southeast New England	SEMASS	2.638
126	DR	REAL_TIME	38135	RTDR_50017_Springfield MA (7516) - 3	Rest-of-Pool	WCMASS	6.256
127	DR	REAL_TIME	38136	RTDR_50017_Vermont (7514) - 3	Northern New England	VERMONT	2.690
128	DR	REAL_TIME	38137	RTDR_50017_Western CT (7503) - 3	Rest-of-Pool	CONNECTICUT	17.655
129	DR	REAL_TIME	38138	RTDR_50017_Western MA (7517) - 3	Rest-of-Pool	WCMASS	13.104
				RTDR_50689_Bangor Hydro (7504) - Grp			
130	DR	REAL TIME	38392	A 2	Northern New England	MAINE	0.000
131	DR	REAL TIME	38394	RTDR 50689 Maine (7505) - Grp A 2	Northern New England	MAINE	0.000
132	DR	REAL TIME	38210	RTDR_50689_North_Shore_38210	Southeast New England	NEMASSBOST	11.326
133	DR	REAL_TIME	37917	RTDR_50744_Boston (7507) - Grp C	Southeast New England	NEMASSBOST	18.710
134	DR	REAL_TIME	37918	RTDR_50744_Central MA (7515) - Grp A	Rest-of-Pool	WCMASS	2.280
135	DR	REAL_TIME	37919	RTDR_50744_Lower SEMA (7511) - Grp C	Southeast New England	SEMASS	0.939
136	DR	REAL_TIME	37920	RTDR_50744_North Shore (7508) - Grp C	Southeast New England	NEMASSBOST	1.599
		_			J. T.		
137	DR	REAL_TIME	37922	RTDR_50744_Northern CT (7501) - Grp B	Rest-of-Pool	CONNECTICUT	10.331
138	DR	REAL_TIME	37924	RTDR_50744_SEMA (7512) - Grp C	Southeast New England	SEMASS	5.684
139	DR	REAL TIME	37925	RTDR_50744_Springfield MA (7516) - Grp A	Rest-of-Pool	WCMASS	1.380

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item#	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
140	DR	REAL TIME	37927	RTDR 50744 Western CT (7503) - Grp B	Rest-of-Pool	CONNECTICUT	5.297
141	DR	REAL TIME	37928	RTDR 50786 Boston (7507)	Southeast New England	NEMASSBOST	2.231
142	DR	REAL TIME	37929	RTDR_50786_Central MA (7515)	Rest-of-Pool	WCMASS	1.436
143	DR	REAL_TIME	37930	RTDR_50786_Eastern CT (7500)	Rest-of-Pool	CONNECTICUT	0.249
144	DR	REAL_TIME	37931	RTDR_50786_Lower SEMA (7511)	Southeast New England	SEMASS	1.392
145	DR	REAL_TIME	37933	RTDR_50786_New Hampshire (7509)	Northern New England	NEWHAMPSHIRE	0.219
146	DR	REAL_TIME	37934	RTDR_50786_North Shore (7508)	Southeast New England	NEMASSBOST	1.488
147	DR	REAL_TIME	37935	RTDR_50786_Northern CT (7501)	Rest-of-Pool	CONNECTICUT	2.789
148	DR	REAL TIME	37936	RTDR_50786_Norwalk - Stamford (7502)	Rest-of-Pool	CONNECTICUT	0.108
149	DR	REAL TIME	37937	RTDR 50786 Portland Maine (7506)	Northern New England	MAINE	0.145
150	DR	REAL TIME	37938	RTDR 50786 Rhode Island (7518)	Southeast New England	RHODEISLAND	3.000
151	DR	REAL TIME	37940	RTDR 50786 Seacoast (7510)	Northern New England	NEWHAMPSHIRE	0.208
152	DR	REAL TIME	37939	RTDR 50786 SEMA (7512)	Southeast New England	SEMASS	0.759
153	DR	REAL TIME	37941	RTDR 50786 Springfield MA (7516)	Rest-of-Pool	WCMASS	1.473
154	DR	REAL TIME	37942	RTDR 50786 Vermont (7514)	Northern New England	VERMONT	0.491
155	DR	REAL TIME	37943	RTDR_50786_Western CT (7503)	Rest-of-Pool	CONNECTICUT	4.559
156	DR	REAL TIME	37944	RTDR 50786 Western MA (7517)	Rest-of-Pool	WCMASS	2.436
157	DR	REAL TIME	38393	RTDR 51325 Maine (7505)	Northern New England	MAINE	59.400
158	DR	REAL TIME	38694	RTDR Maine	Northern New England	MAINE	2.798
159	DR	REAL TIME	37990	RTEG 50017 Bangor Hydro (7504)	Northern New England	MAINE	0.433
160	DR	REAL TIME	37991	RTEG 50017 Boston (7507)	Southeast New England	NEMASSBOST	5.251
161	DR	REAL TIME	38139	RTEG 50017 Central MA (7515) - 3	Rest-of-Pool	WCMASS	14.016
162	DR	REAL TIME	37993	RTEG 50017 Eastern CT (7500)	Rest-of-Pool	CONNECTICUT	4.468
163	DR	REAL TIME	37994	RTEG 50017 Lower SEMA (7511)	Southeast New England	SEMASS	4.293
164	DR	REAL TIME	37995	RTEG 50017 Maine (7505)	Northern New England	MAINE	3.402
165	DR	REAL TIME	37996	RTEG 50017 New Hampshire (7509)	Northern New England	NEWHAMPSHIRE	11.253
166	DR	REAL TIME	37997	RTEG 50017 North Shore (7508)	Southeast New England	NEMASSBOST	0.711
167	DR	REAL TIME	37998	RTEG_50017_Northern CT (7501)	Rest-of-Pool	CONNECTICUT	2.988
168	DR	REAL_TIME	37999	RTEG_50017_Northwest Vermont (7513)	Northern New England	VERMONT	1.768
169	DR	REAL TIME	38140	RTEG_50017_Norwalk - Stamford (7502) - 3	Rest-of-Pool	CONNECTICUT	7.456
170	DR	REAL TIME	38001	RTEG_50017_Portland Maine (7506)	Northern New England	MAINE	0.715
171	DR	REAL TIME	38141	RTEG 50017 Rhode Island (7518) - 3	Southeast New England	RHODEISLAND	10.249
172	DR	REAL_TIME	38004	RTEG_50017_Seacoast (7510)	Northern New England	NEWHAMPSHIRE	0.684
173	DR	REAL TIME	38142	RTEG 50017 SEMA (7512) - 3	Southeast New England	SEMASS	7.889
174	DR	REAL TIME	38005	RTEG 50017 Springfield MA (7516)	Rest-of-Pool	WCMASS	2.116
175	DR	REAL TIME	38006	RTEG 50017 Vermont (7514)	Northern New England	VERMONT	2.157
176	DR	REAL TIME	38143	RTEG 50017 Western CT (7503) - 3	Rest-of-Pool	CONNECTICUT	37.515
177	DR	REAL TIME	38008	RTEG 50017 Western MA (7517)	Rest-of-Pool	WCMASS	3.142
178	DR	REAL TIME	17321	RTEG 76 Springfield MA (7516)	Rest-of-Pool	WCMASS	3.866

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item #	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
179	DR	REAL_TIME	38402	SEMA 1 - New T4	Southeast New England	SEMASS	4.644
180	DR	REAL TIME	38403	SEMA 1 - Retrofit	Southeast New England	SEMASS	2.268
181	DR	REAL TIME	38272	SEMA 1 EG	Southeast New England	SEMASS	0.540
182	DR	REAL TIME	38404	WCMA 1 - New T4	Rest-of-Pool	WCMASS	1.000
183	DR	REAL_TIME	38274	WCMA 1 EG	Rest-of-Pool	WCMASS	0.540
184	DR	REAL_TIME	38502	WestMA_RTEG	Rest-of-Pool	WCMASS	1.296
				CL&P - Conservation & Load Management			
185	DR	SEASONAL_PEAK	12581	(CL&M) - Energy Efficiency Project	Rest-of-Pool	CONNECTICUT	424.992
186	DR	SEASONAL_PEAK	9103	CLM C&I Energy Efficiency	Rest-of-Pool	CONNECTICUT	3.495
187	DR	SEASONAL_PEAK	9102	CLM Residential Energy Effic	Rest-of-Pool	CONNECTICUT	0.000
188	DR	SEASONAL_PEAK	9104	EI C&I Energy Efficiency	Rest-of-Pool	CONNECTICUT	0.905
189	DR	SEASONAL_PEAK	16547	UI C&LM Programs	Rest-of-Pool	CONNECTICUT	3.937
				UI Conservation and Load Management			
190	DR	SEASONAL PEAK	12600	Programs	Rest-of-Pool	CONNECTICUT	74.191
				WMECO - Conservation & Load			
				Management (CL&M) - Energy Efficiency			
191	DR	SEASONAL_PEAK	12806	Project	Rest-of-Pool	WCMASS	18.003
COUNT	OF DEMAND	RESOURCES: 191			SUBTOTAL DEMAND RESOURCES MW: 3,223.501		

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item#	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
1	GEN	Intermittent	38544	17 Kelly Rd Sturbridge PV	Rest-of-Pool	WCMASS	0.372
2	GEN	Intermittent	38494	24 Boutilier Rd Leicester PV	Rest-of-Pool	WCMASS	0.248
3	GEN	Intermittent	38528	29 Oxford Rd Charlton PV	Rest-of-Pool	WCMASS	0.275
4	GEN	Intermittent	38539	40 Auburn Rd Millbury PV	Rest-of-Pool	WCMASS	0.248
5	GEN	Intermittent	38545	90 River Rd Sturbridge PV	Rest-of-Pool	WCMASS	0.000
6	GEN	Intermittent	38583	Agawam II	Rest-of-Pool	WCMASS	0.804
7	GEN	Intermittent	38575	Agawam Solar	Rest-of-Pool	WCMASS	0.702
8	GEN	Intermittent	38580	Amesbury	Southeast New England	NEMASSBOST	2.312
9	GEN	Intermittent	38553	Antrim Wind Resource	Northern New England	NEWHAMPSHIRE	5.000
10	GEN	Intermittent	819	ARNOLD FALLS	Northern New England	VERMONT	0.092
11	GEN	Intermittent	905	ASHUELOT HYDRO	Northern New England	NEWHAMPSHIRE	0.261
12	GEN	Intermittent	953	ATTLEBORO LANDFILL - QF	Southeast New England	SEMASS	0.080
13	GEN	Intermittent	931	AVERY DAM	Northern New England	NEWHAMPSHIRE	0.176
14	GEN	Intermittent	951	BALTIC MILLS - QF	Northern New England	NEWHAMPSHIRE	0.027
15	GEN	Intermittent	811	BANTAM	Rest-of-Pool	CONNECTICUT	0.014
16	GEN	Intermittent	754	BAR MILLS	Northern New England	MAINE	0.637
17	GEN	Intermittent	2278	BARKER LOWER HYDRO	Northern New England	MAINE	0.312
18	GEN	Intermittent	2279	BARKER UPPER HYDRO	Northern New England	MAINE	0.336
19	GEN	Intermittent	833	BARNET	Northern New England	VERMONT	0.062
20	GEN	Intermittent	1059	BARRE LANDFILL	Rest-of-Pool	WCMASS	0.585
21	GEN	Intermittent	38655	Barrett Distribution - Franklin Solar	Southeast New England	SEMASS	0.230
22	GEN	Intermittent	824	BATH ELECTRIC HYDRO	Northern New England	NEWHAMPSHIRE	0.233
23	GEN	Intermittent	37072	Beaver_Ridge_Wind	Northern New England	MAINE	0.464
24	GEN	Intermittent	812	BEEBE HOLBROOK	Rest-of-Pool	WCMASS	0.063
25	GEN	Intermittent	38381	Belchertown SEd	Rest-of-Pool	WCMASS	0.530
26	GEN	Intermittent	2430	BELDENS-NEW	Northern New England	VERMONT	0.830
27	GEN	Intermittent	2280	BENTON FALLS HYDRO	Northern New England	MAINE	0.663
28	GEN	Intermittent	12180	BERKSHIRE COW POWER	Northern New England	VERMONT	0.232
29	GEN	Intermittent	14661	Berkshire Wind Power Project	Rest-of-Pool	WCMASS	1.754
30	GEN	Intermittent	38533	Berlin 1	Rest-of-Pool	WCMASS	0.335
31	GEN	Intermittent	38555	Berlin 2	Rest-of-Pool	WCMASS	0.332
32	GEN	Intermittent	38556	Berlin 3	Rest-of-Pool	WCMASS	0.329
33	GEN	Intermittent	38559	Berlin 4	Rest-of-Pool	WCMASS	0.347
34	GEN	Intermittent	337	BETHLEHEM	Northern New England	NEWHAMPSHIRE	15.297
35	GEN	Intermittent	1258	BHE SMALL HYDRO COMPOSITE	Northern New England	MAINE	0.722
36	GEN	Intermittent	38567	Billerica	Rest-of-Pool	WCMASS	2.307
37	GEN	Intermittent	1054	BLACKSTONE HYDRO ASSOC	Southeast New England	RHODEISLAND	0.000
38	GEN	Intermittent	1057	BLACKSTONE HYDRO LOAD REDUCER	Southeast New England	RHODEISLAND	0.148
39	GEN	Intermittent	38696	Blossom Rd 1 Fall River PV	Southeast New England	SEMASS	0.414
40	GEN	Intermittent	38698	Blossom Rd 2 Fall River PV	Southeast New England	SEMASS	0.417
41	GEN	Intermittent	37105	Blue Sky West	Northern New England	MAINE	42.270
42	GEN	Intermittent	10615	BLUE SPRUCE FARM U5	Northern New England	VERMONT	0.275
43	GEN	Intermittent	859	BOATLOCK	Rest-of-Pool	WCMASS	1.287

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item#	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
44	GEN	Intermittent	346	BOLTON FALLS	Northern New England	VERMONT	0.731
45	GEN	Intermittent	755	BONNY EAGLE W. BUXTON	Northern New England	MAINE	5.084
46	GEN	Intermittent	348	BOOT MILLS	Rest-of-Pool	WCMASS	5.896
47	GEN	Intermittent	38791	Branch Solar	Southeast New England	SEMASS	0.633
48	GEN	Intermittent	860	BRIAR HYDRO	Northern New England	NEWHAMPSHIRE	0.866
49	GEN	Intermittent	357	BRIDGEWATER	Northern New England	NEWHAMPSHIRE	14.528
50	GEN	Intermittent	38584	Bridgewater	Southeast New England	SEMASS	0.462
51	GEN	Intermittent	356	BRISTOL REFUSE	Rest-of-Pool	CONNECTICUT	12.860
52	GEN	Intermittent	11925	BROCKTON BRIGHTFIELDS	Southeast New England	SEMASS	0.149
53	GEN	Intermittent	2439	BROCKWAY MILLS U5	Northern New England	VERMONT	0.028
54	GEN	Intermittent	2281	BROWNS MILL HYDRO	Northern New England	MAINE	0.168
55	GEN	Intermittent	358	BRUNSWICK	Northern New England	MAINE	8.365
56	GEN	Intermittent	362	BULLS BRIDGE	Rest-of-Pool	CONNECTICUT	1.997
57	GEN	Intermittent	910	CAMPTON DAM	Northern New England	NEWHAMPSHIRE	0.079
58	GEN	Intermittent	861	CANAAN	Northern New England	NEWHAMPSHIRE	0.644
59	GEN	Intermittent	38738	Canton Mountain Wind Project	Northern New England	MAINE	3.600
60	GEN	Intermittent	38543	Carpenter Hill Rd Chartlon PV	Rest-of-Pool	WCMASS	0.368
61	GEN	Intermittent	815	CARVER FALLS	Northern New England	VERMONT	0.017
62	GEN	Intermittent	1122	CASCADE-DIAMOND-QF	Rest-of-Pool	WCMASS	0.059
63	GEN	Intermittent	816	CAVENDISH	Northern New England	VERMONT	0.172
64	GEN	Intermittent	789	CEC 002 PAWTUCKET U5	Southeast New England	RHODEISLAND	0.078
65	GEN	Intermittent	797	CEC 003 WYRE WYND U5	Rest-of-Pool	CONNECTICUT	0.249
66	GEN	Intermittent	807	CEC 004 DAYVILLE POND U5	Rest-of-Pool	CONNECTICUT	0.000
67	GEN	Intermittent	10401	CELLEY MILL U5	Northern New England	NEWHAMPSHIRE	0.028
68	GEN	Intermittent	792	CENTENNIAL HYDRO	Rest-of-Pool	WCMASS	0.094
69	GEN	Intermittent	832	CENTER RUTLAND	Northern New England	VERMONT	0.019
70	GEN	Intermittent	914	CHAMBERLAIN FALLS	Northern New England	NEWHAMPSHIRE	0.000
71	GEN	Intermittent	862	CHEMICAL	Rest-of-Pool	WCMASS	0.356
72	GEN	Intermittent	1050	CHICOPEE HYDRO	Rest-of-Pool	WCMASS	0.454
73	GEN	Intermittent	887	CHINA MILLS DAM	Northern New England	NEWHAMPSHIRE	0.005
74	GEN	Intermittent	38510	City of Gardner - Mill St. Solar	Rest-of-Pool	WCMASS	0.392
75	GEN	Intermittent	863	CLEMENT DAM	Northern New England	NEWHAMPSHIRE	0.301
76	GEN	Intermittent	886	COCHECO FALLS	Northern New England	NEWHAMPSHIRE	0.059
77	GEN	Intermittent	798	COLEBROOK	Rest-of-Pool	CONNECTICUT	0.510
78	GEN	Intermittent	1049	COLLINS HYDRO	Rest-of-Pool	WCMASS	0.267
79	GEN	Intermittent	834	COMPTU FALLS	Northern New England	VERMONT	0.105
80	GEN	Intermittent	13975	Corriveau Hydroelectric LLC	Northern New England	MAINE	0.042
81	GEN	Intermittent	38440	Cottage St PV	Rest-of-Pool	WCMASS	1.635
82	GEN	Intermittent	10801	COVENTRY CLEAN ENERGY	Northern New England	VERMONT	3.486
83	GEN	Intermittent	12323	COVENTRY CLEAN ENERGY #4	Northern New England	VERMONT	2.456
84	GEN	Intermittent	849	CRESCENT DAM	Rest-of-Pool	WCMASS	0.250
85	GEN	Intermittent	1209	CRRA HARTFORD LANDFILL	Rest-of-Pool	CONNECTICUT	1.196
86	GEN	Intermittent	2282	DAMARISCOTTA HYDRO	Northern New England	MAINE	0.000

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item#	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
87	GEN	Intermittent	38372	Dartmouth Solar	Southeast New England	SEMASS	1.430
88	GEN	Intermittent	38495	Deepwater Wind Block Island	Southeast New England	RHODEISLAND	6.830
89	GEN	Intermittent	38438	Deerfield Wind Project	Rest-of-Pool	WCMASS	8.100
90	GEN	Intermittent	835	DEWEY MILLS	Northern New England	VERMONT	0.300
91	GEN	Intermittent	618	DG WHITEFIELD, LLC	Northern New England	NEWHAMPSHIRE	16.118
92	GEN	Intermittent	2431	DODGE FALLS-NEW	Northern New England	VERMONT	2.974
93	GEN	Intermittent	970	DUDLEY HYDRO	Rest-of-Pool	WCMASS	0.008
94	GEN	Intermittent	864	DWIGHT	Rest-of-Pool	WCMASS	0.086
95	GEN	Intermittent	823	EAST BARNET	Northern New England	VERMONT	0.438
96	GEN	Intermittent	38114	East Bridgewater Solar Energy Project	Southeast New England	SEMASS	0.850
97	GEN	Intermittent	10403	EASTMAN BROOK U5	Northern New England	NEWHAMPSHIRE	0.011
98	GEN	Intermittent	542	ECO MAINE	Northern New England	MAINE	11.210
99	GEN	Intermittent	836	EMERSON FALLS	Northern New England	VERMONT	0.006
100	GEN	Intermittent	865	ERROL	Northern New England	NEWHAMPSHIRE	1.820
101	GEN	Intermittent	410	ESSEX 19 HYDRO	Northern New England	VERMONT	2.832
102	GEN	Intermittent	2283	EUSTIS HYDRO	Northern New England	MAINE	0.060
103	GEN	Intermittent	1047	FAIRFAX	Northern New England	VERMONT	1.362
104	GEN	Intermittent	38548	Fall River- Commerce	Southeast New England	SEMASS	0.535
105	GEN	Intermittent	38558	Fall River- Uxbridge	Southeast New England	SEMASS	1.474
106	GEN	Intermittent	412	FALLS VILLAGE	Rest-of-Pool	CONNECTICUT	1.474
107	GEN	Intermittent	38551	Fasll River - Innovation	Southeast New England	SEMASS	1.516
108	GEN	Intermittent	413	FIFE BROOK	Rest-of-Pool	WCMASS	2.086
109	GEN	Intermittent	38302	Fisher Road Solar I	Southeast New England	SEMASS	1.920
110	GEN	Intermittent	35593	Fiske Hydro	Northern New England	NEWHAMPSHIRE	0.028
111	GEN	Intermittent	943	FOUR HILLS LANDFILL	Northern New England	NEWHAMPSHIRE	0.874
112	GEN	Intermittent	16675	Fox Island Wind	Northern New England	MAINE	0.000
113	GEN	Intermittent	38709	Frank Mossberg Dr Atteleboro PV	Southeast New England	SEMASS	0.244
114	GEN	Intermittent	38562	Franklin 1	Southeast New England	SEMASS	1.499
115	GEN	Intermittent	38565	Franklin 2	Southeast New England	SEMASS	2.126
116	GEN	Intermittent	882	FRANKLIN FALLS	Northern New England	NEWHAMPSHIRE	0.406
117	GEN	Intermittent	38669	Future Gen Wind	Southeast New England	SEMASS	2.700
118	GEN	Intermittent	821	GAGE	Northern New England	VERMONT	0.140
119	GEN	Intermittent	2284	GARDINER HYDRO	Northern New England	MAINE	0.388
120	GEN	Intermittent	851	GARDNER FALLS	Rest-of-Pool	WCMASS	0.099
121	GEN	Intermittent	768	GARVINS HOOKSETT	Northern New England	NEWHAMPSHIRE	3.344
122	GEN	Intermittent	850	GLENDALE HYDRO	Rest-of-Pool	WCMASS	0.146
123	GEN	Intermittent	35555	GMCW	Northern New England	VERMONT	0.848
124	GEN	Intermittent	913	GOODRICH FALLS	Northern New England	NEWHAMPSHIRE	0.125
125	GEN	Intermittent	2434	GORGE 18 HYDRO-NEW	Northern New England	VERMONT	0.435
126	GEN	Intermittent	427	GORHAM	Northern New England	NEWHAMPSHIRE	1.121
127	GEN	Intermittent	38560	Grafton	Rest-of-Pool	WCMASS	0.836
128	GEN	Intermittent	38527	Grafton WD	Rest-of-Pool	WCMASS	0.715
129	GEN	Intermittent	1572	GRANBY SANITARY LANDFILL QF U5	Rest-of-Pool	WCMASS	2.167

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item#	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
130	GEN	Intermittent	14595	Granite Reliable Power	Northern New England	NEWHAMPSHIRE	12.946
131	GEN	Intermittent	900	GREAT FALLS LOWER	Northern New England	NEWHAMPSHIRE	0.087
132	GEN	Intermittent	10424	Great Lakes - Berlin Incremental	Northern New England	NEWHAMPSHIRE	7.451
133	GEN	Intermittent	1117	GREAT WORKS COMPOSITE	Northern New England	MAINE	0.013
134	GEN	Intermittent	12274	GREEN MOUNTAIN DAIRY	Northern New England	VERMONT	0.205
135	GEN	Intermittent	2285	GREENVILLE HYDRO	Northern New England	MAINE	0.077
136	GEN	Intermittent	866	GREGGS	Northern New England	NEWHAMPSHIRE	0.320
137	GEN	Intermittent	38538	Groton Road Shirley PV	Rest-of-Pool	WCMASS	0.415
138	GEN	Intermittent	38708	Groton School Rd Ayer PV 2	Rest-of-Pool	WCMASS	0.359
139	GEN	Intermittent	37050	Groton Wind Project	Northern New England	NEWHAMPSHIRE	5.234
140	GEN	Intermittent	38699	Groveland St Abington PV	Southeast New England	SEMASS	0.390
141	GEN	Intermittent	11052	GRTR NEW BEDFORD LFG UTIL PROJ	Southeast New England	SEMASS	2.428
142	GEN	Intermittent	2286	HACKETT MILLS HYDRO	Northern New England	MAINE	0.003
143	GEN	Intermittent	769	HADLEY FALLS 1&2	Rest-of-Pool	WCMASS	9.192
144	GEN	Intermittent	38115	Harrington Street PV Project	Rest-of-Pool	WCMASS	1.430
145	GEN	Intermittent	436	HEMPHILL 1	Northern New England	NEWHAMPSHIRE	17.500
146	GEN	Intermittent	957	HG&E HYDRO CABOT 1-4	Rest-of-Pool	WCMASS	0.997
147	GEN	Intermittent	783	HIGHGATE FALLS	Northern New England	VERMONT	2.865
148	GEN	Intermittent	16640	Hilldale Ave Haverhill PV	Southeast New England	NEMASSBOST	0.270
149	GEN	Intermittent	891	HILLSBORO MILLS	Northern New England	NEWHAMPSHIRE	0.000
150	GEN	Intermittent	38577	Holiday Hill Community Wind	Rest-of-Pool	WCMASS	0.784
151	GEN	Intermittent	38373	Holliston	Southeast New England	SEMASS	1.273
152	GEN	Intermittent	38475	Hoosac Wind Project	Rest-of-Pool	WCMASS	3.942
153	GEN	Intermittent	919	HOPKINTON HYDRO	Northern New England	NEWHAMPSHIRE	0.071
154	GEN	Intermittent	902	HOSIERY MILL DAM	Northern New England	NEWHAMPSHIRE	0.000
155	GEN	Intermittent	38480	Hubbardston SE	Rest-of-Pool	WCMASS	1.295
156	GEN	Intermittent	11408	HULL WIND TURBINE II	Southeast New England	SEMASS	0.042
157	GEN	Intermittent	1656	HULL WIND TURBINE U5	Southeast New England	SEMASS	0.033
158	GEN	Intermittent	2432	HUNTINGTON FALLS-NEW	Northern New England	VERMONT	2.944
159	GEN	Intermittent	856	HUNT S POND	Rest-of-Pool	WCMASS	0.000
160	GEN	Intermittent	2426	Hydro Kennebec	Northern New England	MAINE	6.334
161	GEN	Intermittent	867	INDIAN ORCHARD	Rest-of-Pool	WCMASS	0.086
162	GEN	Intermittent	38250	Indian Orchard Photovoltaic Facility	Rest-of-Pool	WCMASS	0.595
163	GEN	Intermittent	38252	Indian River Power Supply# LLC	Rest-of-Pool	WCMASS	0.000
164	GEN	Intermittent	16659	Ipswich Wind Farm 1	Southeast New England	NEMASSBOST	0.174
165	GEN	Intermittent	38437	Ipswich Wind II	Southeast New England	NEMASSBOST	0.000
166	GEN	Intermittent	38421	Jericho Power	Northern New England	NEWHAMPSHIRE	2.500
167	GEN	Intermittent	911	KELLEYS FALLS	Northern New England	NEWHAMPSHIRE	0.021
168	GEN	Intermittent	1119	KENNEBAGO HYDRO	Northern New England	MAINE	0.164
169	GEN	Intermittent	1273	KENNEBEC WATER U5	Northern New England	MAINE	0.102
170	GEN	Intermittent	786	KEZAR LEDGEMERE COMPOSITE	Northern New England	MAINE	0.403
171	GEN	Intermittent	12551	Kibby Wind Power	Northern New England	MAINE	16.413
172	GEN	Intermittent	837	KILLINGTON	Northern New England	VERMONT	0.003

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item#	Type	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
173	GEN	Intermittent	35979	Kingdom Community Wind	Northern New England	VERMONT	9.448
174	GEN	Intermittent	800	KINNEYTOWN B	Rest-of-Pool	CONNECTICUT	0.048
175	GEN	Intermittent	839	LADD'S MILL	Northern New England	VERMONT	0.013
176	GEN	Intermittent	892	LAKEPORT DAM	Northern New England	NEWHAMPSHIRE	0.218
177	GEN	Intermittent	38376	Landcraft	Southeast New England	SEMASS	1.350
178	GEN	Intermittent	457	LAWRENCE HYDRO	Rest-of-Pool	WCMASS	5.264
179	GEN	Intermittent	14660	Lempster Wind	Northern New England	NEWHAMPSHIRE	2.656
180	GEN	Intermittent	38532	Leominster- South St.	Southeast New England	NEMASSBOST	1.409
181	GEN	Intermittent	894	LISBON HYDRO	Northern New England	NEWHAMPSHIRE	0.236
182	GEN	Intermittent	462	LISBON RESOURCE RECOVERY	Rest-of-Pool	CONNECTICUT	13.500
183	GEN	Intermittent	904	LOCHMERE DAM	Northern New England	NEWHAMPSHIRE	0.255
184	GEN	Intermittent	460	LOCKWOOD	Northern New England	MAINE	3.543
185	GEN	Intermittent	895	LOWER ROBERTSON DAM	Northern New England	NEWHAMPSHIRE	0.241
186	GEN	Intermittent	10406	LOWER VALLEY HYDRO U5	Northern New England	NEWHAMPSHIRE	0.035
187	GEN	Intermittent	950	LP ATHOL - QF	Rest-of-Pool	WCMASS	0.034
188	GEN	Intermittent	38378	LSRHS	Southeast New England	NEMASSBOST	0.420
189	GEN	Intermittent	1114	MADISON COMPOSITE	Northern New England	MAINE	7.695
190	GEN	Intermittent	16644	Main Street Whitinsville PV	Southeast New England	SEMASS	0.280
				Manchester Methane LLC East Windsor			
191	GEN	Intermittent	13669	Facility	Rest-of-Pool	CONNECTICUT	0.635
192	GEN	Intermittent	1266	MARSH POWER	Northern New England	MAINE	0.000
193	GEN	Intermittent	840	MARTINSVILLE	Northern New England	VERMONT	0.036
194	GEN	Intermittent	1061	MASCOMA HYDRO	Northern New England	NEWHAMPSHIRE	0.133
195	GEN	Intermittent	38500	Mass Mid-State Solar	Rest-of-Pool	WCMASS	7.110
196	GEN	Intermittent	10998	MASSINNOVATION FITCHBURG	Rest-of-Pool	WCMASS	0.000
197	GEN	Intermittent	38531	Mattapoisett 1	Southeast New England	SEMASS	0.316
198	GEN	Intermittent	38530	Mattapoisett 2	Southeast New England	SEMASS	0.180
199	GEN	Intermittent	2287	MECHANIC FALLS HYDRO	Northern New England	MAINE	0.158
200	GEN	Intermittent	806	MECHANICSVILLE	Rest-of-Pool	CONNECTICUT	0.000
201	GEN	Intermittent	16525	Medway	Northern New England	MAINE	3.426
202	GEN	Intermittent	759	MESSALONSKEE COMPOSITE	Northern New England	MAINE	2.117
203	GEN	Intermittent	793	METHUEN HYDRO	Southeast New England	NEMASSBOST	0.000
204	GEN	Intermittent	1720	MIDDLEBURY LOWER	Northern New England	VERMONT	0.481
205	GEN	Intermittent	779	MIDDLESEX 2	Northern New England	VERMONT	0.514
206	GEN	Intermittent	16296	Milford Hydro	Northern New England	MAINE	4.699
207	GEN	Intermittent	38534	Millbury Solar	Rest-of-Pool	WCMASS	1.638
208	GEN	Intermittent	487	MILLER HYDRO	Northern New England	MAINE	7.521
209	GEN	Intermittent	868	MILTON MILLS HYDRO	Northern New England	NEWHAMPSHIRE	0.297
210	GEN	Intermittent	869	MINE FALLS	Northern New England	NEWHAMPSHIRE	0.307
211	GEN	Intermittent	794	MINIWAWA	Northern New England	NEWHAMPSHIRE	0.119
212	GEN	Intermittent	1109	MMWAC	Northern New England	MAINE	1.846
213	GEN	Intermittent	915	MONADNOCK PAPER MILLS	Northern New England	NEWHAMPSHIRE	0.000
214	GEN	Intermittent	841	MORETOWN 8	Northern New England	VERMONT	0.098

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item#	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
215	GEN	Intermittent	1062	MWRA COSGROVE	Rest-of-Pool	WCMASS	0.729
216	GEN	Intermittent	842	NANTANA MILL	Northern New England	VERMONT	0.029
217	GEN	Intermittent	890	NASHUA HYDRO	Northern New England	NEWHAMPSHIRE	0.101
218	GEN	Intermittent	38695	NEHC - Hanover Pond Hydro	Rest-of-Pool	CONNECTICUT	0.066
219	GEN	Intermittent	978	NEW MILFORD	Rest-of-Pool	CONNECTICUT	1.179
220	GEN	Intermittent	843	NEWBURY	Northern New England	VERMONT	0.062
221	GEN	Intermittent	888	NEWFOUND HYDRO	Northern New England	NEWHAMPSHIRE	0.241
222	GEN	Intermittent	772	NEWPORT HYDRO	Northern New England	VERMONT	1.195
223	GEN	Intermittent	38078	NFM Solar Power, LLC	Rest-of-Pool	WCMASS	0.507
224	GEN	Intermittent	922	NOONE FALLS	Northern New England	NEWHAMPSHIRE	0.000
225	GEN	Intermittent	760	NORTH GORHAM	Northern New England	MAINE	1.108
226	GEN	Intermittent	11126	NORTH HARTLAND HYDRO	Northern New England	VERMONT	0.679
227	GEN	Intermittent	38582	Norton MA	Southeast New England	SEMASS	0.675
228	GEN	Intermittent	2288	NORWAY HYDRO	Northern New England	MAINE	0.000
229	GEN	Intermittent	857	OAKDALE HYDRO	Rest-of-Pool	WCMASS	2.712
230	GEN	Intermittent	527	OGDEN-MARTIN 1	Southeast New England	NEMASSBOST	39.382
231	GEN	Intermittent	897	OLD NASH DAM	Northern New England	NEWHAMPSHIRE	0.015
232	GEN	Intermittent	38706	Old Upton Rd Grafton PV 2	Rest-of-Pool	WCMASS	0.228
233	GEN	Intermittent	38701	Onset East	Southeast New England	SEMASS	0.289
234	GEN	Intermittent	38702	Onset West	Southeast New England	SEMASS	0.290
235	GEN	Intermittent	854	ORANGE HYDRO 1	Rest-of-Pool	WCMASS	0.000
236	GEN	Intermittent	855	ORANGE HYDRO 2	Rest-of-Pool	WCMASS	0.056
237	GEN	Intermittent	908	OTIS MILL HYDRO	Northern New England	NEWHAMPSHIRE	0.000
238	GEN	Intermittent	844	OTTAUQUECHEE	Northern New England	VERMONT	0.169
239	GEN	Intermittent	925	OTTER LANE HYDRO	Northern New England	NEWHAMPSHIRE	0.008
240	GEN	Intermittent	820	PASSUMPSIC	Northern New England	VERMONT	0.068
241	GEN	Intermittent	814	PATCH	Northern New England	VERMONT	0.006
242	GEN	Intermittent	532	PEJEPSCOT	Northern New England	MAINE	6.676
243	GEN	Intermittent	870	PEMBROKE	Northern New England	NEWHAMPSHIRE	0.242
244	GEN	Intermittent	871	PENNACOOK FALLS LOWER	Northern New England	NEWHAMPSHIRE	1.005
245	GEN	Intermittent	872	PENNACOOK FALLS UPPER	Northern New England	NEWHAMPSHIRE	0.725
246	GEN	Intermittent	948	PEPPERELL HYDRO COMPANY LLC	Rest-of-Pool	WCMASS	0.296
247	GEN	Intermittent	536	PERC-ORRINGTON 1	Northern New England	MAINE	21.556
248	GEN	Intermittent	926	PETERBOROUGH LOWER HYDRO	Northern New England	NEWHAMPSHIRE	0.017
249	GEN	Intermittent	941	PETERBOROUGH UPPER HYDRO	Northern New England	NEWHAMPSHIRE	0.011
250	GEN	Intermittent	10402	PETTYBORO HYDRO U5	Northern New England	NEWHAMPSHIRE	0.000
251	GEN	Intermittent	818	PIERCE MILLS	Northern New England	VERMONT	0.091
252	GEN	Intermittent	809	PINCHBECK	Rest-of-Pool	CONNECTICUT	0.000
253	GEN	Intermittent	2289	PIONEER DAM HYDRO	Northern New England	MAINE	0.000
254	GEN	Intermittent	2290	PITTSFIELD HYDRO	Northern New England	MAINE	0.225
255	GEN	Intermittent	2462	PLAINVILLE GEN QF U5	Southeast New England	SEMASS	2.060
256	GEN	Intermittent	38374	Plymouth	Southeast New England	SEMASS	1.900
257	GEN	Intermittent	539	PONTOOK HYDRO	Northern New England	NEWHAMPSHIRE	4.488

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item#	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
258	GEN	Intermittent	969	POWDER MILL HYDRO	Rest-of-Pool	WCMASS	0.000
259	GEN	Intermittent	14610	Princeton Wind Farm Project	Rest-of-Pool	WCMASS	0.133
260	GEN	Intermittent	541	PROCTOR	Northern New England	VERMONT	2.541
261	GEN	Intermittent	804	PUTNAM	Rest-of-Pool	CONNECTICUT	0.051
262	GEN	Intermittent	873	PUTTS BRIDGE	Rest-of-Pool	WCMASS	0.403
263	GEN	Intermittent	810	QUINEBAUG	Rest-of-Pool	CONNECTICUT	0.098
264	GEN	Intermittent	16642	Railroad Street Revere PV	Southeast New England	NEMASSBOST	0.245
265	GEN	Intermittent	14665	Record Hill Wind	Northern New England	MAINE	5.584
266	GEN	Intermittent	874	RED BRIDGE	Rest-of-Pool	WCMASS	0.181
267	GEN	Intermittent	38579	Rehoboth	Southeast New England	SEMASS	1.085
268	GEN	Intermittent	38704	Richardson Ave Attleboro PV 2	Southeast New England	SEMASS	0.418
269	GEN	Intermittent	875	RIVER BEND	Northern New England	NEWHAMPSHIRE	0.648
270	GEN	Intermittent	795	RIVER MILL HYDRO	Northern New England	NEWHAMPSHIRE	0.000
271	GEN	Intermittent	947	RIVERDALE MILLS - QF	Southeast New England	SEMASS	0.000
272	GEN	Intermittent	1034	RIVERSIDE 4-7	Rest-of-Pool	WCMASS	1.441
273	GEN	Intermittent	1035	RIVERSIDE 8	Rest-of-Pool	WCMASS	2.576
274	GEN	Intermittent	876	ROBERTSVILLE	Rest-of-Pool	CONNECTICUT	0.000
275	GEN	Intermittent	1368	ROCKY GORGE CORPORATION	Northern New England	MAINE	0.069
276	GEN	Intermittent	906	ROLLINSFORD HYDRO	Northern New England	NEWHAMPSHIRE	0.092
277	GEN	Intermittent	38574	Route 57	Rest-of-Pool	WCMASS	0.739
278	GEN	Intermittent	16643	Rover Street Everett PV	Southeast New England	NEMASSBOST	0.168
279	GEN	Intermittent	10959	RRIG EXPANSION PHASE 2	Southeast New England	RHODEISLAND	1.037
280	GEN	Intermittent	11424	RUMFORD FALLS	Northern New England	MAINE	27.364
281	GEN	Intermittent	2433	RYEGATE 1-NEW	Northern New England	VERMONT	19.000
282	GEN	Intermittent	38173	Saddleback Ridge Wind	Northern New England	MAINE	3.750
283	GEN	Intermittent	928	SALMON BROOK STATION 3	Northern New England	NEWHAMPSHIRE	0.023
284	GEN	Intermittent	883	SALMON FALLS HYDRO	Northern New England	MAINE	0.029
285	GEN	Intermittent	808	SANDY HOOK HYDRO	Rest-of-Pool	CONNECTICUT	0.000
286	GEN	Intermittent	877	SCOTLAND	Rest-of-Pool	CONNECTICUT	0.000
287	GEN	Intermittent	35442	Seaman Energy	Rest-of-Pool	WCMASS	0.247
288	GEN	Intermittent	827	SEARSBURG WIND	Rest-of-Pool	WCMASS	0.196
289	GEN	Intermittent	562	SECREC-PRESTON	Rest-of-Pool	CONNECTICUT	16.020
290	GEN	Intermittent	563	SEMASS 1	Southeast New England	SEMASS	46.955
291	GEN	Intermittent	564	SEMASS 2	Southeast New England	SEMASS	22.500
292	GEN	Intermittent	767	SES CONCORD	Northern New England	NEWHAMPSHIRE	12.042
293	GEN	Intermittent	761	SHAWMUT	Northern New England	MAINE	5.417
294	GEN	Intermittent	12530	Sheffield Wind Farm	Northern New England	VERMONT	3.108
295	GEN	Intermittent	565	SHELDON SPRINGS	Northern New England	VERMONT	3.623
296	GEN	Intermittent	38249	Silver lake Photovoltaic Facility	Rest-of-Pool	WCMASS	0.458
297	GEN	Intermittent	737	SIMPSON G LOAD REDUCER	Northern New England	VERMONT	2.311
298	GEN	Intermittent	878	SKINNER	Rest-of-Pool	WCMASS	0.100
299	GEN	Intermittent	845	SLACK DAM	Northern New England	VERMONT	0.091
300	GEN	Intermittent	570	SMITH	Northern New England	NEWHAMPSHIRE	9.298

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item#	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
301	GEN	Intermittent	822	SMITH (CVPS)	Northern New England	VERMONT	0.401
302	GEN	Intermittent	580	SO. MEADOW 5	Rest-of-Pool	CONNECTICUT	22.750
303	GEN	Intermittent	581	SO. MEADOW 6	Rest-of-Pool	CONNECTICUT	20.781
304	GEN	Intermittent	1107	SOMERSET	Northern New England	MAINE	0.000
305	GEN	Intermittent	852	SOUTH BARRE HYDRO	Rest-of-Pool	WCMASS	0.014
306	GEN	Intermittent	1267	SPARHAWK	Northern New England	MAINE	0.001
307	GEN	Intermittent	35594	Spaulding Pond Hydro	Northern New England	NEWHAMPSHIRE	0.020
308	GEN	Intermittent	2425	SPRINGFIELD REFUSE-NEW	Rest-of-Pool	WCMASS	4.953
309	GEN	Intermittent	35693	Spruce Mountain Wind	Northern New England	MAINE	2.481
310	GEN	Intermittent	38700	Stafford St Leicester PV 2	Rest-of-Pool	WCMASS	0.228
311	GEN	Intermittent	909	STEELS POND HYDRO	Northern New England	NEWHAMPSHIRE	0.018
312	GEN	Intermittent	16523	Stillwater	Northern New England	MAINE	1.561
313	GEN	Intermittent	17359	Sugar River 2	Northern New England	NEWHAMPSHIRE	0.014
314	GEN	Intermittent	898	SUGAR RIVER HYDRO	Northern New England	NEWHAMPSHIRE	0.012
315	GEN	Intermittent	889	SUNAPEE HYDRO	Northern New England	NEWHAMPSHIRE	0.086
316	GEN	Intermittent	935	SUNNYBROOK HYDRO 2	Northern New England	NEWHAMPSHIRE	0.011
317	GEN	Intermittent	884	SWANS FALLS	Northern New England	NEWHAMPSHIRE	0.292
318	GEN	Intermittent	10409	SWEETWATER HYDRO U5	Northern New England	NEWHAMPSHIRE	0.085
319	GEN	Intermittent	1270	SYSKO STONY BROOK	Northern New England	MAINE	0.013
320	GEN	Intermittent	1271	SYSKO WIGHT BROOK	Northern New England	MAINE	0.003
321	GEN	Intermittent	817	TAFTSVILLE VT	Northern New England	VERMONT	0.012
322	GEN	Intermittent	879	TAFTVILLE CT	Rest-of-Pool	CONNECTICUT	0.000
323	GEN	Intermittent	592	TAMWORTH	Northern New England	NEWHAMPSHIRE	19.822
324	GEN	Intermittent	1225	TANNERY DAM	Rest-of-Pool	WCMASS	0.000
325	GEN	Intermittent	1302	TCPMCMPAGF GEN1 U5	Northern New England	MAINE	0.000
326	GEN	Intermittent	14652	Templeton Wind Turbine	Rest-of-Pool	WCMASS	0.043
327	GEN	Intermittent	37120	Thundermist Hydropower	Southeast New England	RHODEISLAND	0.000
328	GEN	Intermittent	803	TOUTANT	Rest-of-Pool	CONNECTICUT	0.000
329	GEN	Intermittent	38380	Treasure Valley- SE	Rest-of-Pool	WCMASS	2.070
330	GEN	Intermittent	38561	True North	Southeast New England	NEMASSBOST	2.387
331	GEN	Intermittent	813	TUNNEL	Rest-of-Pool	CONNECTICUT	0.149
332	GEN	Intermittent	253	TURNKEY LANDFILL	Northern New England	NEWHAMPSHIRE	0.674
333	GEN	Intermittent	38581	Tyngsborough	Rest-of-Pool	WCMASS	1.283
334	GEN	Intermittent	38375	Uxbridge	Southeast New England	SEMASS	1.230
335	GEN	Intermittent	949	VALLEY HYDRO - QF	Southeast New England	RHODEISLAND	0.001
336	GEN	Intermittent	14623	Valley Hydro (Station No. 5)	Rest-of-Pool	WCMASS	0.239
337	GEN	Intermittent	2435	VERGENNES HYDRO-NEW	Northern New England	VERMONT	0.849
338	GEN	Intermittent	16631	Victory Road Dorchester PV	Southeast New England	NEMASSBOST	0.316
339	GEN	Intermittent	1048	WARE HYDRO	Rest-of-Pool	WCMASS	0.055
340	GEN	Intermittent	901	WATERLOOM FALLS	Northern New England	NEWHAMPSHIRE	0.000
341	GEN	Intermittent	932	WATSON DAM	Northern New England	NEWHAMPSHIRE	0.027
342	GEN	Intermittent	2291	WAVERLY AVENUE HYDRO	Northern New England	MAINE	0.000
343	GEN	Intermittent	853	WEBSTER HYDRO	Rest-of-Pool	WCMASS	0.000

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item#	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
344	GEN	Intermittent	781	WEST DANVILLE 1	Northern New England	VERMONT	0.000
345	GEN	Intermittent	616	WEST ENFIELD	Northern New England	MAINE	9.748
346	GEN	Intermittent	893	WEST HOPKINTON HYDRO	Northern New England	NEWHAMPSHIRE	0.136
347	GEN	Intermittent	10770	WEST SPRINGFIELD HYDRO U5	Rest-of-Pool	WCMASS	0.299
348	GEN	Intermittent	38181	Westford Solar	Rest-of-Pool	WCMASS	1.800
349	GEN	Intermittent	617	WESTON	Northern New England	MAINE	8.307
350	GEN	Intermittent	933	WESTON DAM	Northern New England	NEWHAMPSHIRE	0.211
351	GEN	Intermittent	38576	Whately	Rest-of-Pool	WCMASS	0.617
352	GEN	Intermittent	349	WHEELABRATOR BRIDGEPORT, L.P.	Rest-of-Pool	CONNECTICUT	58.780
353	GEN	Intermittent	547	WHEELABRATOR NORTH ANDOVER	Southeast New England	NEMASSBOST	29.960
354	GEN	Intermittent	801	WILLIMANTIC 1	Rest-of-Pool	CONNECTICUT	0.000
355	GEN	Intermittent	802	WILLIMANTIC 2	Rest-of-Pool	CONNECTICUT	0.000
356	GEN	Intermittent	622	WINOOSKI 1	Northern New England	VERMONT	1.733
357	GEN	Intermittent	846	WINOOSKI 8	Northern New England	VERMONT	0.217
358	GEN	Intermittent	38287	WMA Chester Solar 1	Rest-of-Pool	WCMASS	1.904
359	GEN	Intermittent	847	WOODSIDE	Northern New England	VERMONT	0.046
360	GEN	Intermittent	10407	WOODSVILLE HYDRO U5	Northern New England	NEWHAMPSHIRE	0.108
361	GEN	Intermittent	37077	Woronoco Hydro LLC	Rest-of-Pool	WCMASS	0.232
362	GEN	Intermittent	903	WYANDOTTE HYDRO	Northern New England	NEWHAMPSHIRE	0.000
363	GEN	Intermittent	2292	YORK HYDRO	Northern New England	MAINE	0.127
364	GEN	Non Intermittent	463	AEI LIVERMORE	Northern New England	MAINE	34.430
365	GEN	Non Intermittent	326	ALTRESCO	Rest-of-Pool	WCMASS	145.457
366	GEN	Non Intermittent	14271	Ameresco Northampton	Rest-of-Pool	WCMASS	0.748
367	GEN	Non Intermittent	327	AMOSKEAG	Northern New England	NEWHAMPSHIRE	16.781
368	GEN	Non Intermittent	1412	ANP-BELLINGHAM 1	Southeast New England	SEMASS	254.704
369	GEN	Non Intermittent	1415	ANP-BELLINGHAM 2	Southeast New England	SEMASS	247.295
370	GEN	Non Intermittent	1287	ANP-BLACKSTONE ENERGY 2	Southeast New England	SEMASS	257.134
371	GEN	Non Intermittent	1286	ANP-BLACKSTONE ENERGY CO. #1	Southeast New England	SEMASS	239.174
372	GEN	Non Intermittent	329	ASCUTNEY GT	Northern New England	VERMONT	8.575
373	GEN	Non Intermittent	330	AYERS ISLAND	Northern New England	NEWHAMPSHIRE	8.474
374	GEN	Non Intermittent	331	AZISCOHOS HYDRO	Northern New England	MAINE	6.800
375	GEN	Non Intermittent	959	BARTON 1-4 DIESELS	Northern New England	VERMONT	0.586
376	GEN	Non Intermittent	335	BELLOWS FALLS	Northern New England	NEWHAMPSHIRE	48.540
377	GEN	Non Intermittent	1086	BERKSHIRE POWER	Rest-of-Pool	WCMASS	229.279
378	GEN	Non Intermittent	336	BERLIN 1 GT	Northern New England	VERMONT	40.260
379	GEN	Non Intermittent	16653	Berlin Biopower	Northern New England	NEWHAMPSHIRE	65.380
380	GEN	Non Intermittent	16738	BFCP Fuel Cell	Rest-of-Pool	CONNECTICUT	13.054
381	GEN	Non Intermittent	1005	BG DIGHTON POWER LLC	Southeast New England	SEMASS	164.039
382	GEN	Non Intermittent	590	BORALEX STRATTON ENERGY	Northern New England	MAINE	44.363
383	GEN	Non Intermittent	355	BRANFORD 10	Rest-of-Pool	CONNECTICUT	15.840
384	GEN	Non Intermittent	1113	BRASSUA HYDRO	Northern New England	MAINE	4.203
385	GEN	Non Intermittent	1032	BRIDGEPORT ENERGY 1	Rest-of-Pool	CONNECTICUT	484.000
386	GEN	Non Intermittent	340	BRIDGEPORT HARBOR 3	Rest-of-Pool	CONNECTICUT	383.426

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item#	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
387	GEN	Non Intermittent	341	BRIDGEPORT HARBOR 4	Rest-of-Pool	CONNECTICUT	17.024
388	GEN	Non Intermittent	38206	Bridgeport Harbor 5	Rest-of-Pool	CONNECTICUT	484.300
389	GEN	Non Intermittent	1288	BUCKSPORT ENERGY 4	Northern New England	MAINE	160.300
390	GEN	Non Intermittent	1028	BUNKER RD #12 GAS TURB	Southeast New England	SEMASS	2.351
391	GEN	Non Intermittent	1029	BUNKER RD #13 GAS TURB	Southeast New England	SEMASS	2.806
392	GEN	Non Intermittent	363	BURLINGTON GT	Northern New England	VERMONT	19.104
393	GEN	Non Intermittent	38504	Burrillville Energy Center 3	Southeast New England	RHODEISLAND	485.000
394	GEN	Non Intermittent	766	CABOT TURNERS FALLS	Rest-of-Pool	WCMASS	67.881
395	GEN	Non Intermittent	365	CANAL 1	Southeast New England	SEMASS	563.730
396	GEN	Non Intermittent	366	CANAL 2	Southeast New England	SEMASS	558.500
397	GEN	Non Intermittent	38310	Canal 3	Southeast New England	SEMASS	333.000
398	GEN	Non Intermittent	367	CAPE GT 4	Northern New England	MAINE	13.750
399	GEN	Non Intermittent	368	CAPE GT 5	Northern New England	MAINE	15.822
400	GEN	Non Intermittent	369	CATARACT EAST	Northern New England	MAINE	7.775
401	GEN	Non Intermittent	324	CDECCA	Rest-of-Pool	CONNECTICUT	51.685
402	GEN	Non Intermittent	2468	CHERRY 10	Rest-of-Pool	WCMASS	2.100
403	GEN	Non Intermittent	2469	CHERRY 11	Rest-of-Pool	WCMASS	2.100
404	GEN	Non Intermittent	2470	CHERRY 12	Rest-of-Pool	WCMASS	4.999
405	GEN	Non Intermittent	2466	CHERRY 7	Rest-of-Pool	WCMASS	2.800
406	GEN	Non Intermittent	2467	CHERRY 8	Rest-of-Pool	WCMASS	3.400
407	GEN	Non Intermittent	2424	CITIZENS BLOCK LOAD	Northern New England	VERMONT	30.000
408	GEN	Non Intermittent	376	CLEARY 8	Southeast New England	SEMASS	22.253
409	GEN	Non Intermittent	375	CLEARY 9 9A CC	Southeast New England	SEMASS	104.931
410	GEN	Non Intermittent	379	COBBLE MOUNTAIN	Rest-of-Pool	WCMASS	31.126
411	GEN	Non Intermittent	380	COMERFORD	Northern New England	NEWHAMPSHIRE	166.135
412	GEN	Non Intermittent	370	COS COB 10	Rest-of-Pool	CONNECTICUT	18.932
413	GEN	Non Intermittent	371	COS COB 11	Rest-of-Pool	CONNECTICUT	18.724
414	GEN	Non Intermittent	372	COS COB 12	Rest-of-Pool	CONNECTICUT	18.660
415	GEN	Non Intermittent	12524	Cos Cob 13&14	Rest-of-Pool	CONNECTICUT	36.000
416	GEN	Non Intermittent	12553	Covanta Haverhill Landfill Gas Engine	Southeast New England	NEMASSBOST	1.089
417	GEN	Non Intermittent	446	COVANTA JONESBORO	Northern New England	MAINE	20.226
418	GEN	Non Intermittent	445	COVANTA WEST ENFIELD	Northern New England	MAINE	20.461
419	GEN	Non Intermittent	38297	CPV_Towantic	Rest-of-Pool	CONNECTICUT	750.500
420	GEN	Non Intermittent	388	DARTMOUTH POWER	Southeast New England	SEMASS	61.720
421	GEN	Non Intermittent	15415	Dartmouth Power Expansion	Southeast New England	SEMASS	19.578
422	GEN	Non Intermittent	465	DEERFIELD 2 LWR DRFIELD	Rest-of-Pool	WCMASS	19.275
423	GEN	Non Intermittent	393	DEERFIELD 5	Rest-of-Pool	WCMASS	13.703
424	GEN	Non Intermittent	389	DERBY DAM	Rest-of-Pool	CONNECTICUT	7.050
425	GEN	Non Intermittent	396	DEVON 10	Rest-of-Pool	CONNECTICUT	14.407
426	GEN	Non Intermittent	397	DEVON 11	Rest-of-Pool	CONNECTICUT	29.299
427	GEN	Non Intermittent	398	DEVON 12	Rest-of-Pool	CONNECTICUT	29.227
428	GEN	Non Intermittent	399	DEVON 13	Rest-of-Pool	CONNECTICUT	29.967
429	GEN	Non Intermittent	400	DEVON 14	Rest-of-Pool	CONNECTICUT	29.704

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item#	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
430	GEN	Non Intermittent	12504	Devon 15-18	Rest-of-Pool	CONNECTICUT	187.589
431	GEN	Non Intermittent	392	DEXTER	Rest-of-Pool	CONNECTICUT	45.000
432	GEN	Non Intermittent	16737	DFC-ERG Hybrid Fuel Cell (3)	Rest-of-Pool	CONNECTICUT	2.500
433	GEN	Non Intermittent	395	DOREEN	Rest-of-Pool	WCMASS	15.820
434	GEN	Non Intermittent	401	EASTMAN FALLS	Northern New England	NEWHAMPSHIRE	5.582
435	GEN	Non Intermittent	407	EASTPORT DIESELS 1-3	Northern New England	MAINE	0.000
436	GEN	Non Intermittent	405	ELLSWORTH HYDRO	Northern New England	MAINE	9.044
437	GEN	Non Intermittent	1649	EP Newington Energy, LLC	Northern New England	NEWHAMPSHIRE	559.500
438	GEN	Non Intermittent	1221	ESSEX DIESELS	Northern New England	VERMONT	7.215
439	GEN	Non Intermittent	12108	FIEC DIESEL	Northern New England	MAINE	1.540
440	GEN	Non Intermittent	35485	Fitchburg-FCA-5	Rest-of-Pool	WCMASS	3.093
441	GEN	Non Intermittent	38089	Footprint Combined Cycle	Southeast New England	NEMASSBOST	674.000
442	GEN	Non Intermittent	1691	FORE RIVER-1	Southeast New England	SEMASS	708.000
443	GEN	Non Intermittent	417	FRAMINGHAM JET 1	Southeast New England	NEMASSBOST	10.145
444	GEN	Non Intermittent	418	FRAMINGHAM JET 2	Southeast New England	NEMASSBOST	10.089
445	GEN	Non Intermittent	419	FRAMINGHAM JET 3	Southeast New England	NEMASSBOST	11.250
446	GEN	Non Intermittent	420	FRANKLIN DRIVE 10	Rest-of-Pool	CONNECTICUT	15.417
447	GEN	Non Intermittent	421	FRONT STREET DIESELS 1-3	Rest-of-Pool	WCMASS	7.700
448	GEN	Non Intermittent	10880	GE LYNN EXCESS REPLACEMENT	Southeast New England	NEMASSBOST	0.000
449	GEN	Non Intermittent	796	GOODWIN DAM	Rest-of-Pool	CONNECTICUT	3.000
450	GEN	Non Intermittent	426	GORGE 1 DIESEL	Northern New England	VERMONT	7.090
451	GEN	Non Intermittent	1625	GRANITE RIDGE ENERGY	Northern New England	NEWHAMPSHIRE	675.675
452	GEN	Non Intermittent	424	GREAT LAKES - MILLINOCKET	Northern New England	MAINE	90.836
453	GEN	Non Intermittent	1432	GRS-FALL RIVER	Southeast New England	SEMASS	3.028
454	GEN	Non Intermittent	328	GULF ISLAND COMPOSITE Incremental	Northern New England	MAINE	31.618
455	GEN	Non Intermittent	435	HARRIMAN	Rest-of-Pool	WCMASS	39.446
456	GEN	Non Intermittent	432	HARRIS 1	Northern New England	MAINE	16.776
457	GEN	Non Intermittent	433	HARRIS 2	Northern New England	MAINE	34.500
458	GEN	Non Intermittent	434	HARRIS 3	Northern New England	MAINE	33.905
459	GEN	Non Intermittent	757	HARRIS 4	Northern New England	MAINE	1.249
460	GEN	Non Intermittent	440	HIRAM	Northern New England	MAINE	11.189
461	GEN	Non Intermittent	1631	Indeck-Energy Alexandria, LLC	Northern New England	NEWHAMPSHIRE	15.031
462	GEN	Non Intermittent	448	IPSWICH DIESELS	Southeast New England	NEMASSBOST	9.495
463	GEN	Non Intermittent	474	J C MCNEIL	Northern New England	VERMONT	52.000
464	GEN	Non Intermittent	359	J. COCKWELL 1	Rest-of-Pool	WCMASS	290.562
465	GEN	Non Intermittent	360	J. COCKWELL 2	Rest-of-Pool	WCMASS	292.077
466	GEN	Non Intermittent	449	JACKMAN	Northern New England	NEWHAMPSHIRE	3.541
467	GEN	Non Intermittent	1672	KENDALL CT	Southeast New England	NEMASSBOST	170.000
468	GEN	Non Intermittent	452	KENDALL JET 1	Southeast New England	NEMASSBOST	18.000
469	GEN	Non Intermittent	37040	KENDALL STEAM	Southeast New England	NEMASSBOST	26.626
470	GEN	Non Intermittent	14706	Kimberly-Clark Corp Energy Independence Project	Rest-of-Pool	CONNECTICUT	13.016

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item#	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
471	GEN	Non Intermittent	14614	Kleen Energy	Rest-of-Pool	CONNECTICUT	620.000
472	GEN	Non Intermittent	1342	LAKE ROAD 1	Rest-of-Pool	CONNECTICUT	269.792
473	GEN	Non Intermittent	1343	LAKE ROAD 2	Rest-of-Pool	CONNECTICUT	275.213
474	GEN	Non Intermittent	1344	LAKE ROAD 3	Rest-of-Pool	CONNECTICUT	279.000
475	GEN	Non Intermittent	464	LOST NATION	Northern New England	NEWHAMPSHIRE	13.979
476	GEN	Non Intermittent	12521	Lowell Power Reactivation	Rest-of-Pool	WCMASS	74.000
477	GEN	Non Intermittent	774	LOWER LAMOILLE COMPOSITE	Northern New England	VERMONT	15.800
478	GEN	Non Intermittent	472	M STREET JET	Southeast New England	NEMASSBOST	21.737
479	GEN	Non Intermittent	1216	MAINE INDEPENDENCE STATION	Northern New England	MAINE	492.658
480	GEN	Non Intermittent	321	MANCHESTER 10 10A CC	Southeast New England	RHODEISLAND	157.000
481	GEN	Non Intermittent	322	MANCHESTER 11 11A CC	Southeast New England	RHODEISLAND	157.000
482	GEN	Non Intermittent	323	MANCHESTER 9 9A CC	Southeast New England	RHODEISLAND	154.000
483	GEN	Non Intermittent	467	MARBLEHEAD DIESELS	Southeast New England	NEMASSBOST	5.000
484	GEN	Non Intermittent	468	MARSHFIELD 6 HYDRO	Northern New England	VERMONT	4.380
485	GEN	Non Intermittent	497	MASS POWER	Rest-of-Pool	WCMASS	245.259
486	GEN	Non Intermittent	38182	MAT-2 (MATEP Combined Cycle)	Southeast New England	NEMASSBOST	13.850
487	GEN	Non Intermittent	14087	MAT3	Southeast New England	NEMASSBOST	14.340
488	GEN	Non Intermittent	13675	MATEP (COMBINED CYCLE)	Southeast New England	NEMASSBOST	55.760
489	GEN	Non Intermittent	13673	MATEP (DIESEL)	Southeast New England	NEMASSBOST	17.120
490	GEN	Non Intermittent	473	MCINDOES	Northern New England	NEWHAMPSHIRE	10.066
491	GEN	Non Intermittent	38289	Medway Peaker - SEMARI	Southeast New England	SEMASS	194.800
492	GEN	Non Intermittent	489	MERRIMACK 1	Northern New England	NEWHAMPSHIRE	108.000
493	GEN	Non Intermittent	490	MERRIMACK 2	Northern New England	NEWHAMPSHIRE	330.000
494	GEN	Non Intermittent	382	MERRIMACK CT1	Northern New England	NEWHAMPSHIRE	16.826
495	GEN	Non Intermittent	383	MERRIMACK CT2	Northern New England	NEWHAMPSHIRE	16.804
496	GEN	Non Intermittent	775	MIDDLEBURY COMPOSITE	Northern New England	VERMONT	1.666
497	GEN	Non Intermittent	478	MIDDLETOWN 10	Rest-of-Pool	CONNECTICUT	15.515
498	GEN	Non Intermittent	12505	Middletown 12-15	Rest-of-Pool	CONNECTICUT	187.600
499	GEN	Non Intermittent	480	MIDDLETOWN 2	Rest-of-Pool	CONNECTICUT	117.000
500	GEN	Non Intermittent	481	MIDDLETOWN 3	Rest-of-Pool	CONNECTICUT	233.679
501	GEN	Non Intermittent	482	MIDDLETOWN 4	Rest-of-Pool	CONNECTICUT	399.923
502	GEN	Non Intermittent	486	MILFORD POWER	Southeast New England	SEMASS	202.000
503	GEN	Non Intermittent	1385	Milford Power 1 Incremental	Rest-of-Pool	CONNECTICUT	267.610
504	GEN	Non Intermittent	1386	MILFORD POWER 2	Rest-of-Pool	CONNECTICUT	267.093
505	GEN	Non Intermittent	1210	MILLENNIUM	Rest-of-Pool	WCMASS	331.000
506	GEN	Non Intermittent	484	MILLSTONE POINT 2	Rest-of-Pool	CONNECTICUT	870.855
507	GEN	Non Intermittent	485	MILLSTONE POINT 3	Rest-of-Pool	CONNECTICUT	1,225.000
508	GEN	Non Intermittent	14134	MONTAGNE FARM	Northern New England	VERMONT	0.064
509	GEN	Non Intermittent	492	MONTVILLE 10 and 11	Rest-of-Pool	CONNECTICUT	5.296
510	GEN	Non Intermittent	493	MONTVILLE 5	Rest-of-Pool	CONNECTICUT	81.000
511	GEN	Non Intermittent	494	MONTVILLE 6	Rest-of-Pool	CONNECTICUT	405.050
512	GEN	Non Intermittent	495	MONTY	Northern New England	MAINE	28.000
513	GEN	Non Intermittent	496	MOORE	Northern New England	NEWHAMPSHIRE	189.032

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item #	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
514	GEN	Non Intermittent	35728	Moretown LG	Northern New England	VERMONT	2.457
515	GEN	Non Intermittent	502	MYSTIC 7	Southeast New England	NEMASSBOST	574.547
516	GEN	Non Intermittent	1478	MYSTIC 8	Southeast New England	NEMASSBOST	703.324
517	GEN	Non Intermittent	1616	MYSTIC 9	Southeast New England	NEMASSBOST	709.676
518	GEN	Non Intermittent	503	MYSTIC JET	Southeast New England	NEMASSBOST	8.953
519	GEN	Non Intermittent	776	N. RUTLAND COMPOSITE	Northern New England	VERMONT	4.155
520	GEN	Non Intermittent	507	NEA BELLINGHAM	Southeast New England	SEMASS	282.865
521	GEN	Non Intermittent	10308	NECCO COGENERATION FACILITY	Southeast New England	NEMASSBOST	0.000
522	GEN	Non Intermittent	513	NEW HAVEN HARBOR	Rest-of-Pool	CONNECTICUT	447.894
523	GEN	Non Intermittent	15477	New Haven Harbor Units 2, 3, & 4	Rest-of-Pool	CONNECTICUT	129.600
524	GEN	Non Intermittent	508	NEWINGTON 1	Northern New England	NEWHAMPSHIRE	400.200
525	GEN	Non Intermittent	16688	Nor1	Rest-of-Pool	CONNECTICUT	1.789
526	GEN	Non Intermittent	16750	Norden #2	Rest-of-Pool	CONNECTICUT	1.790
527	GEN	Non Intermittent	16752	Norden #3	Rest-of-Pool	CONNECTICUT	1.777
528	GEN	Non Intermittent	14217	NORTHFIELD MOUNTAIN 1	Rest-of-Pool	WCMASS	292.000
529	GEN	Non Intermittent	14218	NORTHFIELD MOUNTAIN 2	Rest-of-Pool	WCMASS	292.000
530	GEN	Non Intermittent	14219	NORTHFIELD MOUNTAIN 3	Rest-of-Pool	WCMASS	292.000
531	GEN	Non Intermittent	14220	NORTHFIELD MOUNTAIN 4	Rest-of-Pool	WCMASS	292.000
532	GEN	Non Intermittent	515	NORWICH JET	Rest-of-Pool	CONNECTICUT	15.255
533	GEN	Non Intermittent	38760	Norwich WWT	Rest-of-Pool	CONNECTICUT	2.000
534	GEN	Non Intermittent	1030	OAK BLUFFS	Southeast New England	SEMASS	7.471
535	GEN	Non Intermittent	528	OCEAN ST PWR GT1 GT2 ST1	Southeast New England	RHODEISLAND	277.762
536	GEN	Non Intermittent	529	OCEAN ST PWR GT3 GT4 ST2	Southeast New England	RHODEISLAND	278.308
537	GEN	Non Intermittent	531	PAWTUCKET POWER	Southeast New England	RHODEISLAND	52.954
538	GEN	Non Intermittent	12526	Pierce	Rest-of-Pool	CONNECTICUT	74.085
539	GEN	Non Intermittent	538	PINETREE POWER	Rest-of-Pool	WCMASS	15.783
540	GEN	Non Intermittent	15509	Plainfield Renewable Energy	Rest-of-Pool	CONNECTICUT	37.500
541	GEN	Non Intermittent	540	POTTER 2 CC	Southeast New England	SEMASS	71.998
542	GEN	Non Intermittent	1376	PPL WALLINGFORD UNIT 1	Rest-of-Pool	CONNECTICUT	43.473
543	GEN	Non Intermittent	1377	PPL WALLINGFORD UNIT 2	Rest-of-Pool	CONNECTICUT	43.019
544	GEN	Non Intermittent	1378	PPL WALLINGFORD UNIT 3	Rest-of-Pool	CONNECTICUT	44.045
545	GEN	Non Intermittent	1379	PPL WALLINGFORD UNIT 4	Rest-of-Pool	CONNECTICUT	42.937
546	GEN	Non Intermittent	1380	PPL WALLINGFORD UNIT 5	Rest-of-Pool	CONNECTICUT	44.425
547	GEN	Non Intermittent	35658	Rainbow_1	Rest-of-Pool	CONNECTICUT	4.100
548	GEN	Non Intermittent	35656	Rainbow_2	Rest-of-Pool	CONNECTICUT	4.100
549	GEN	Non Intermittent	546	RESCO SAUGUS	Southeast New England	NEMASSBOST	30.114
550	GEN	Non Intermittent	14599	Rhode Island LFG Genco, LLC - ST	Southeast New England	RHODEISLAND	26.000
551	GEN	Non Intermittent	1630	RISEP	Southeast New England	RHODEISLAND	551.668
552	GEN	Non Intermittent	715	ROCHESTER LANDFILL	Northern New England	NEWHAMPSHIRE	2.144
553	GEN	Non Intermittent	739	ROCKY RIVER	Rest-of-Pool	CONNECTICUT	28.127
554	GEN	Non Intermittent	1255	RUMFORD POWER	Northern New England	MAINE	244.281
555	GEN	Non Intermittent	549	RUTLAND 5 GT	Northern New England	VERMONT	7.919
556	GEN	Non Intermittent	591	S.D. WARREN-WESTBROOK	Northern New England	MAINE	42.590

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item #	Туре	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
557	GEN	Non Intermittent	556	SCHILLER 4	Northern New England	NEWHAMPSHIRE	47.500
558	GEN	Non Intermittent	557	SCHILLER 5	Northern New England	NEWHAMPSHIRE	42.594
559	GEN	Non Intermittent	558	SCHILLER 6	Northern New England	NEWHAMPSHIRE	47.820
560	GEN	Non Intermittent	559	SCHILLER CT 1	Northern New England	NEWHAMPSHIRE	17.621
561	GEN	Non Intermittent	555	SEABROOK	Northern New England	NEWHAMPSHIRE	1,247.075
562	GEN	Non Intermittent	561	SEARSBURG	Rest-of-Pool	WCMASS	4.755
563	GEN	Non Intermittent	566	SHEPAUG	Rest-of-Pool	CONNECTICUT	41.511
564	GEN	Non Intermittent	567	SHERMAN	Rest-of-Pool	WCMASS	6.154
565	GEN	Non Intermittent	35657	Shrewsbury Diesels	Rest-of-Pool	WCMASS	13.650
566	GEN	Non Intermittent	569	SKELTON	Northern New England	MAINE	21.600
567	GEN	Non Intermittent	572	SO. MEADOW 11	Rest-of-Pool	CONNECTICUT	35.781
568	GEN	Non Intermittent	573	SO. MEADOW 12	Rest-of-Pool	CONNECTICUT	37.649
569	GEN	Non Intermittent	574	SO. MEADOW 13	Rest-of-Pool	CONNECTICUT	38.317
570	GEN	Non Intermittent	575	SO. MEADOW 14	Rest-of-Pool	CONNECTICUT	36.746
571	GEN	Non Intermittent	38178	Southbridge Landfill Gas to Energy 17-18	Rest-of-Pool	WCMASS	1.400
572	GEN	Non Intermittent	587	STEVENSON	Rest-of-Pool	CONNECTICUT	28.311
573	GEN	Non Intermittent	583	STONY BROOK 2A	Rest-of-Pool	WCMASS	67.000
574	GEN	Non Intermittent	584	STONY BROOK 2B	Rest-of-Pool	WCMASS	65.000
575	GEN	Non Intermittent	1185	STONY BROOK GT1A	Rest-of-Pool	WCMASS	103.167
576	GEN	Non Intermittent	1186	STONY BROOK GT1B	Rest-of-Pool	WCMASS	99.932
577	GEN	Non Intermittent	1187	STONY BROOK GT1C	Rest-of-Pool	WCMASS	103.167
578	GEN	Non Intermittent	12510	Swanton Gas Turbine 1	Northern New England	VERMONT	19.304
579	GEN	Non Intermittent	12511	Swanton Gas Turbine 2	Northern New England	VERMONT	19.349
580	GEN	Non Intermittent	12500	Thomas A. Watson	Southeast New England	SEMASS	105.200
581	GEN	Non Intermittent	1226	TIVERTON POWER	Southeast New England	RHODEISLAND	266.572
582	GEN	Non Intermittent	595	TORRINGTON TERMINAL 10	Rest-of-Pool	CONNECTICUT	15.638
583	GEN	Non Intermittent	596	TUNNEL 10	Rest-of-Pool	CONNECTICUT	16.591
584	GEN	Non Intermittent	38441	UI RCP BGPT FC	Rest-of-Pool	CONNECTICUT	2.520
585	GEN	Non Intermittent	38442	UI RCP NH FC	Rest-of-Pool	CONNECTICUT	2.520
586	GEN	Non Intermittent	12509	UNH Power Plant	Northern New England	NEWHAMPSHIRE	2.000
587	GEN	Non Intermittent	598	VERGENNES 5 and 6 DIESELS	Northern New England	VERMONT	3.940
588	GEN	Non Intermittent	599	VERNON	Rest-of-Pool	WCMASS	32.000
589	GEN	Non Intermittent	13703	Verso VCG1	Northern New England	MAINE	42.606
590	GEN	Non Intermittent	13704	Verso VCG2	Northern New England	MAINE	44.473
591	GEN	Non Intermittent	13705	Verso VCG3	Northern New England	MAINE	42.452
592	GEN	Non Intermittent	38278	Wallingford Unit 6 and Unit 7	Rest-of-Pool	CONNECTICUT	90.000
593	GEN	Non Intermittent	614	WATERBURY 22	Northern New England	VERMONT	5.000
594	GEN	Non Intermittent	12564	Waterbury Generation Facility	Rest-of-Pool	CONNECTICUT	95.821
595	GEN	Non Intermittent	612	WATERS RIVER JET 1	Southeast New England	NEMASSBOST	15.974
596	GEN	Non Intermittent	613	WATERS RIVER JET 2	Southeast New England	NEMASSBOST	0.430
597	GEN	Non Intermittent	11842	WATERSIDE POWER	Rest-of-Pool	CONNECTICUT	70.017
598	GEN	Non Intermittent	625	WEST MEDWAY JET 1	Southeast New England	NEMASSBOST	42.000

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item #	Type	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
599	GEN	Non Intermittent	626	WEST MEDWAY JET 2	Southeast New England	NEMASSBOST	39.848
600	GEN	Non Intermittent	627	WEST MEDWAY JET 3	Southeast New England	SEMASS	42.001
601	GEN	Non Intermittent	630	WEST SPRINGFIELD 10	Rest-of-Pool	WCMASS	17.143
602	GEN	Non Intermittent	633	WEST SPRINGFIELD 3	Rest-of-Pool	WCMASS	94.276
603	GEN	Non Intermittent	1693	WEST SPRINGFIELD GT-1	Rest-of-Pool	WCMASS	36.908
604	GEN	Non Intermittent	1694	WEST SPRINGFIELD GT-2	Rest-of-Pool	WCMASS	37.441
605	GEN	Non Intermittent	1031	WEST TISBURY	Southeast New England	SEMASS	5.005
606	GEN	Non Intermittent	1345	WESTBROOK	Northern New England	MAINE	530.000
607	GEN	Non Intermittent	619	WHITE LAKE JET	Northern New England	NEWHAMPSHIRE	17.447
608	GEN	Non Intermittent	620	WILDER	Northern New England	NEWHAMPSHIRE	39.083
609	GEN	Non Intermittent	621	WILLIAMS	Northern New England	MAINE	14.900
610	GEN	Non Intermittent	624	WMI MILLBURY 1	Rest-of-Pool	WCMASS	39.811
611	GEN	Non Intermittent	14663	WMRE Crossroads	Northern New England	MAINE	2.806
612	GEN	Non Intermittent	38757	WOODBRIDGE FUEL CELL	Rest-of-Pool	CONNECTICUT	2.100
613	GEN	Non Intermittent	628	WOODLAND ROAD	Rest-of-Pool	WCMASS	15.808
614	GEN	Non Intermittent	636	WYMAN HYDRO 1	Northern New England	MAINE	28.500
615	GEN	Non Intermittent	637	WYMAN HYDRO 2	Northern New England	MAINE	29.866
616	GEN	Non Intermittent	638	WYMAN HYDRO 3	Northern New England	MAINE	26.700
617	GEN	Non Intermittent	639	YARMOUTH 1	Northern New England	MAINE	50.065
618	GEN	Non Intermittent	640	YARMOUTH 2	Northern New England	MAINE	50.045
619	GEN	Non Intermittent	641	YARMOUTH 3	Northern New England	MAINE	110.870
620	GEN	Non Intermittent	642	YARMOUTH 4	Northern New England	MAINE	602.050
COUNT OF GENERATION: 620					SUBTOTA	L GENERATION MW: 31,695	.023

	Resource	Resource Sub-				Load Zone/ Interface	FCA Qualified
Item #	Type	type	Resource ID	Resource Name	Capacity Zone	Name	Capacity (MW)
1	IMPORT	Resource Backed	12450	NYPA - CMR	Rest-of-Pool	Rest-of-Pool	68.800
2	IMPORT	Resource Backed	12451	NYPA - VT	Rest-of-Pool	Rest-of-Pool	13.000
	COUNT OF IN	1PORT: 2			SUBTOTAL IMPORT MW: 81.800		

**Attachment D: New Generating, Import and Demand Resource Capacity** 

**REDACTED** 

## Attachment E: Summary of all Static, Export and Administrative Export De-List Bids Submitted

## **REDACTED**

## Attachment F: Major Elements In The Determination of Expected Net Revenues – Generation

## **REDACTED**

Attachment G: Major Elements In The Determination of Expected Net Revenues – Generation

**REDACTED** 

Attachment H: Major Elements In The Determination of Expected Net Revenues – Demand Resources

**REDACTED** 

# Attachment I: Notifications Sent to Resources That Were Not Qualified to Participant in the FCA

## **REDACTED**