



February 21, 2024

VIA ELECTRONIC FILING

The Honorable Debbie-Anne Reese, Acting Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, DC 20426

Re: ISO New England Inc., Docket No. ER24-____-000
Forward Capacity Auction Results Filing
APRIL 8, 2024 COMMENT DATE REQUIRED BY REGULATION

Dear Acting Secretary Reese:

Pursuant to Section 205 of the Federal Power Act (“FPA”)¹ and Section III.13.8.2 of the ISO New England Transmission, Markets and Services Tariff (the “Tariff”),² ISO New England Inc. (the “ISO”) submits this Forward Capacity Auction Results Filing (“FCA Results Filing”) for Forward Capacity Auction (“FCA”) 18.³ Section III.13.8.2 (a) of the Tariff requires the ISO to file the results of the FCA with the Federal Energy Regulatory Commission (“Commission” or “FERC”) as soon as practicable after the FCA is complete. FCA 18 was held on February 5, 2024 for the June 1, 2027 through May 31, 2028 Capacity Commitment Period.

Pursuant to Section III.13.8.2 (c) of the Tariff, any objection to the FCA results must be filed with the Commission within 45 days from the date of the FCA Results Filing. **Accordingly, any objections must be filed on or before April 8, 2024, and the ISO requests that the Commission issue a notice setting an April 8, 2024 comment date.**⁴ As discussed below, the ISO requests an effective date of June 20, 2024, which is 120 days from the date of this submission.

In accordance with Section III.13.8.2 of the Tariff, this submission contains the results of FCA 18, including the Capacity Zones in the auction; the Capacity Clearing Price

¹ 16 U.S.C. § 824d.

² The rules governing the Forward Capacity Market (“FCM Rules”) are primarily contained in Section III.13 of the Tariff, but also may include other provisions, including portions of Section III.12.

³ Capitalized terms used but not defined in this filing are intended to have the meaning given to such terms in the Tariff.

⁴ 45 days from the date of this filing is April 6, 2024, which is a Saturday. Accordingly, the ISO requests that the Commission issue a notice setting Monday, April 8, 2024 as the comment date.

in each of those Capacity Zones; a list of which resources received Capacity Supply Obligations in each Capacity Zone; and the amount of those Capacity Supply Obligations.⁵ Pursuant to Section III.12.4 of the Tariff, the Capacity Zones for FCA 18 were the Northern New England Capacity Zone (“NNE”), the Maine Capacity Zone (“Maine”) and the Rest-of-Pool (“ROP”) Capacity Zone. The NNE Capacity Zone included the New Hampshire, Vermont, and Maine Load Zones. NNE was modeled as an export-constrained Capacity Zone. The Maine Load Zone was modeled as a separate nested export-constrained Capacity Zone within NNE. The ROP Capacity Zone included the Southeastern Massachusetts, Rhode Island, Northeastern Massachusetts/Boston, Connecticut and Western/Central Massachusetts Load Zones.

Section III.13.8.2 (b) of the Tariff requires the ISO to provide documentation regarding the competitiveness of the FCA. The documentation may include certification from the auctioneer and the ISO that: (i) all resources offering and bidding in the FCA were properly qualified in accordance with the provisions of Section III.13.1; and (ii) the FCA was conducted in accordance with the provisions of Section III.13. To meet the requirement of Section III.13.8.2 (b) of the Tariff, the ISO has included the Testimony of Alan McBride, Executive Director of Transmission Services and Resource Qualification at the ISO (“McBride Testimony”); the Testimony of Peter T. Brandien, Vice President of System Operations and Market Administration at the ISO (“Brandien Testimony”); and the Testimony of Lawrence M. Ausubel, the auctioneer (“Ausubel Testimony”).

The ISO submits the instant filing in compliance with Section III.13.8.2 of its Tariff pursuant to Section 205 of the FPA, and the ISO requests that the Commission find that the ISO conducted FCA 18 in accordance with its FERC-approved Tariff.

I. COMMUNICATIONS

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

⁵ Section III.13.8.2 of the Tariff requires the ISO to include in the FCA Results Filing the substitution auction clearing prices and the total amount of payments associated with any demand bids cleared at a substitution auction clearing price above their demand bid prices. However, as explained below and in the Brandien Testimony, the substitution auction was not conducted in FCA 18 because there were no active demand bids. For that reason, this FCA Results Filing does not include substitution auction clearing prices or total amount of payments associated with any demand bids cleared at a substitution auction clearing price above their demand bid prices.

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II. STANDARD OF REVIEW

The ISO submits the instant filing in compliance with Section III.13.8.2 of its Tariff and pursuant to Section 205 of the FPA.⁶ The ISO respectfully requests that the Commission find that this FCA Results Filing meets the standard of Section 205, in that the results are just and reasonable rates derived from the auction that was conducted in accordance with the ISO's FERC-approved Tariff.

III. REQUESTED EFFECTIVE DATE

The ISO respectfully requests that the Commission accept the FCA Results Filing for FCA 18, confirming that the auction was conducted in conformance with the ISO's Commission-approved Tariff, to be effective June 20, 2024, which is 120 days after the date of submission. Under the Tariff, parties have 45 days to file with the Commission an objection to the FCA Results Filing.⁷ An effective date of 120 days from the date of submission gives interested parties an opportunity to respond to any objections and provides the Commission time to review the FCA Results Filing and any associated pleadings.

IV. SPECIFIC FCA RESULTS

A. Capacity Zones Resulting from the Auction

Section III.13.8.2 (a) of the Tariff requires the ISO to provide the Capacity Zones resulting from the FCA. The Capacity Zones for FCA 18 were NNE, Maine, and ROP. The Capacity Zones determined under Section III.13.2.3.4 of the Tariff are the same Capacity Zones that were modeled pursuant to Section III.12.4 of the Tariff.

⁶ It should be noted that the Commission has consistently held that the matters that may properly be in dispute in the annual FCA results filing are the results of the FCA and not the underlying market design or rules. *See, e.g., ISO New England Inc.*, 130 FERC ¶ 61,145 at P 33 (2010) (finding that challenges to the Forward Capacity Market ("FCM") market design are outside the scope of the proceeding evaluating the FCA results filing).

⁷ Tariff Section III.13.8.2 (c).

B. Capacity Clearing Prices

The Tariff requires the ISO to provide the Capacity Clearing Price in each Capacity Zone (and, pursuant to Section III.13.2.3.3 (d), the Capacity Clearing Price associated with certain imports, if applicable).⁸ For FCA 18, the descending clock auction starting price in each Capacity Zone was \$14.525/kW-month. As explained in the Brandien Testimony, the auction resulted in the Capacity Clearing Price of \$3.580/kW-month for all zones.⁹

Imports over the New York AC Ties external interface, totaling 122.886 MW, will receive \$3.580/kW-month. Imports over the New Brunswick external interface, totaling 70.000 MW, will receive \$3.580/kW-month. Imports over the Hydro-Quebec Highgate external interface, totaling 18.173 MW, will receive \$3.580/kW-month. Imports over the Phase I/II HQ Excess external interface, totaling 253.776 MW, will receive \$3.580/kW-month.¹⁰

C. Substitution Auction Clearing Prices and Total Amount of Payments Associated with any Demand Bids Cleared at a Substitution Auction Clearing Price Above Their Demand Bid Prices

Section III.13.8.2 (a) of the Tariff requires the ISO to provide the clearing prices and total amount of payments associated with any demand bids cleared at the substitution auction clearing price above their demand bid prices. In FCA 18, there were no active demand bids for the substitution auction and, accordingly, the substitution auction was not conducted.

D. Capacity Supply Obligations

The Tariff requires the ISO to specify in the FCA Results Filing the resources that received Capacity Supply Obligations in each Capacity Zone.¹¹ This information is provided in Attachment A.

The Tariff also requires the ISO to list which resources cleared as Conditional Qualified New Generating Capacity Resources and to provide certain information relating to Long Lead Time Facilities.¹² No resources cleared as Conditional Qualified New Generating Capacity Resources in FCA 18. In addition, there were no Long Lead Time Facilities that secured a Queue Position to participate as a New Generating Capacity Resource in FCA 18; as such, there were no resources

⁸ Tariff Section III.13.8.2 (a).

⁹ Brandien Testimony at 7-12.

¹⁰ *Id.* at 12.

¹¹ Tariff Section III.13.8.2 (a).

¹² *Id.*

with a lower queue priority that were selected in the FCA subject to a Long Lead Time Facility with a higher queue priority.

E. De-List Bids Reviewed for Reliability Purposes

Prior to FCA 18, pursuant to Section III.13.2.5.2.5 of the Tariff, the ISO reviewed each submitted Retirement De-List Bid, Permanent De-List Bid, and Static De-List Bid¹³ to determine if the capacity associated with each such bid was needed for reliability reasons. During the FCA, also pursuant to Section III.13.2.5.2.5, the ISO reviewed a sufficient quantity of Dynamic De-List Bids associated with reaching the Capacity Clearing Price to determine if the capacity associated with each such bid was needed for reliability reasons. The capacity is deemed to be needed for reliability reasons if a violation of any North American Electric Reliability Corporation, Northeast Power Coordinating Council, or ISO criteria would occur in the absence of the capacity. The ISO's review of de-list bids considered the availability of all existing supply resources in the FCM, including Demand Capacity Resources. The ISO's process for performing the reliability review of de-list bids pursuant to Section III.13.2.5.2.5 of the Tariff is described in that provision, and in Section 7 of ISO New England Planning Procedure No. 10 — Planning Procedure to Support the Forward Capacity Market.

Section III.13.8.2 (a) of the Tariff requires that, in the FCA Results Filing, the ISO enumerate de-list bids rejected for reliability reasons pursuant to Section III.13.2.5.2.5, and the reasons for those rejections. As explained in the McBride Testimony, in FCA 18, the ISO did not reject any bids for reliability reasons pursuant to Section III.13.2.5.2.5 of the Tariff.

V. DOCUMENTATION REQUIRED PURSUANT TO SECTION III.13.8.2 (b) OF THE TARIFF

Section III.13.8.2 (b) of the Tariff requires the ISO to provide documentation regarding the competitiveness of the FCA, and states that the documentation may include certification from the auctioneer and the ISO that: (i) all resources offering and bidding in the FCA were properly qualified in accordance with the provisions of Section III.13.1 of the Tariff; and (ii) the FCA was conducted in accordance with the provisions of Section III.13 of the Tariff. In this regard, the ISO has included the McBride Testimony, the Brandien Testimony, and the Ausubel Testimony.

In his testimony, Mr. McBride certifies that all resources offering and bidding in FCA 18 were qualified in accordance with Section III.13.1 of the Tariff. Mr. McBride also testifies that he oversaw the reliability review of de-list bids for FCA 18 pursuant to Section III.13.2.5.2.5 of the Tariff.

¹³ No Export De-List Bids or Administrative Export De-List Bids were submitted for FCA 18.

In his testimony, Mr. Brandien explains the prices resulting from the auction and how the prices were determined.¹⁴

Dr. Ausubel, the auctioneer, and chairman and founder of Power Auctions LLC, the company that helped implement and administer the FCA, certifies that the auction was conducted in accordance with Section III.13.2 of the Tariff.¹⁵ Dr. Ausubel's certification is based on his vast experience in conducting energy auctions.

VI. ADDITIONAL SUPPORTING INFORMATION

The ISO submits the instant filing in compliance with Section III.13.8.2 of its Tariff pursuant to Section 205 of the FPA.¹⁶ Section 35.13 of the Commission's regulations generally requires public utilities to file certain cost and other information related to an examination of cost-of-service rates.¹⁷ However, the results of the FCA are not traditional "rates" and the ISO is not a traditional investor-owned utility. Therefore, to the extent necessary, the ISO requests waiver of Section 35.13 of the Commission's regulations. Notwithstanding its request for waiver, the ISO submits the following additional information in compliance with the identified filing regulations of the Commission applicable to Section 205.

35.13(b)(1) - Materials included herewith are as follows:

- This transmittal letter;
- Attachment A: List of Capacity Supply Obligations;
- Attachment B: Testimony of Alan McBride;
- Attachment C: Testimony of Peter T. Brandien;
- Attachment D: Testimony of Lawrence M. Ausubel; and

¹⁴ *Id.* at 7-12.

¹⁵ Ausubel Testimony at 4.

¹⁶ As noted above, the Commission has consistently held that the scope of the proceeding evaluating the annual FCA results filing is limited to the results of the FCA. *See e.g., ISO New England Inc.*, 130 FERC ¶ 61,145 at P 33 (2010) (finding that challenges to the FCM market design are outside the scope of the proceeding evaluating the FCA results filing).

¹⁷ 18 C.F.R. § 35.13 (2020).

- Attachment E: List of governors and utility regulatory agencies in Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont to which a copy of this filing has been mailed.

35.13(b)(2) - The ISO respectfully requests that the Commission accept this filing to become effective on June 20, 2024, which is 120 days after the submission of this FCA Results Filing.

35.13(b)(3) - Pursuant to Section 17.11 (e) of the Participants Agreement, Governance Participants are being served electronically rather than by paper copy. The names and addresses of the Governance Participants are posted on the ISO's website at <https://www.iso-ne.com/participate/participant-asset-listings/directory?id=1&type=committee>. An electronic copy of this transmittal letter and the accompanying materials have also been emailed to the governors and electric utility regulatory agencies for the six New England states which comprise the New England Control Area, and to the New England Conference of Public Utility Commissioners, Inc. The names and addresses of these governors and regulatory agencies are shown in Attachment E.

35.13(b)(4) - A description of the materials submitted pursuant to this filing is contained in the transmittal letter;

35.13(b)(5) - The reasons for this filing are discussed in this transmittal letter; and

35.13 (b)(7) - The ISO has no knowledge of any relevant expenses or cost of service that have been alleged or judged in any administrative or judicial proceeding to be illegal, duplicative, or unnecessary costs that are demonstrably the product of discriminatory employment practices.

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VII. CONCLUSION

In this FCA Results Filing, the ISO has presented all of the information required by the Tariff. The ISO has demonstrated that FCA 18 was conducted in accordance with the Tariff, as found just and reasonable by the Commission. The ISO has specified the Capacity Zones that were used in the auction. The ISO has also provided the Capacity Clearing Price for each of the Capacity Zones and external interfaces, and it has provided a list of resources that received Capacity Supply Obligations. Finally, the ISO has provided documentation, in the form of testimony, regarding the outcome of FCA 18. Accordingly, the ISO requests that the Commission accept the results of FCA 18 within 120 days of this filing.

Respectfully submitted,

By: /s/ Margoth Caley

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cc: Governance Participants (electronically) and entities listed in Attachment E.

ATTACHMENT A

ID	Name	Type	Capacity Zone ID	Capacity Zone Name	State	Load Zone	Status	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28	Feb-28	Mar-28	Apr-28	May-28
253	TURNKEY LANDFILL	Generator	8505	Northern New England	NH	NH	Existing	0.926	0.926	0.926	0.926	0.826	0.826	0.826	0.826	0.826	0.826	0.826	0.826
321	MANCHESTER 10 10A CC	Generator	8500	Rest-of-Pool	RI	RI	Existing	157	157	157	157	157	157	170	170	170	170	157	157
322	MANCHESTER 11 11A CC	Generator	8500	Rest-of-Pool	RI	RI	Existing	157	157	157	157	157	157	170	170	170	170	157	157
323	MANCHESTER 9 9A CC	Generator	8500	Rest-of-Pool	RI	RI	Existing	154	154	154	154	154	154	169	169	169	169	154	154
326	ALTRESCO	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	150.982	150.982	150.982	150.982	150.982	150.982	150.982	150.982	150.982	150.982	150.982	
327	AMOSKEAG	Generator	8505	Northern New England	NH	NH	Existing	3.209	3.209	3.209	3.209	11.079	11.079	11.079	11.079	11.079	11.079	11.079	11.079
328	GULF ISLAND COMPOSITE Incremental	Generator	8503	Maine	ME	ME	Existing	33.44	33.44	33.44	33.44	33.44	33.44	33.44	33.44	33.44	33.44	33.44	
329	ASCUTNEY GT	Generator	8505	Northern New England	VT	VT	Existing	8.288	8.288	8.288	8.288	8.288	8.288	8.288	8.288	8.288	8.288	8.288	
330	AYERS ISLAND	Generator	8505	Northern New England	NH	NH	Existing	4.121	4.121	4.121	4.121	1.344	1.344	1.344	1.344	1.344	1.344	1.344	1.344
331	AZISCOHOS HYDRO	Generator	8503	Maine	ME	ME	Existing	6.645	6.645	6.645	6.645	6.645	6.645	6.645	6.645	6.645	6.645	6.645	
335	BELLOWS FALLS	Generator	8505	Northern New England	NH	NH	Existing	47.216	47.216	47.216	47.216	47.216	47.216	47.216	47.216	47.216	47.216	47.216	
336	BERLIN 1 GT	Generator	8505	Northern New England	VT	VT	Existing	40.956	40.956	40.956	40.956	40.956	40.956	40.956	40.956	40.956	40.956	40.956	
346	BOLTON FALLS	Generator	8505	Northern New England	VT	VT	Existing	0.323	0.323	0.323	0.323	2.973	2.973	2.973	2.973	2.973	2.973	2.973	2.973
348	BOOT MILLS	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	3.484	3.484	3.484	3.484	13.021	13.021	13.021	13.021	13.021	13.021	13.021	13.021
349	WHEELABATOR BRIDGEPORT, LP.	Generator	8500	Rest-of-Pool	CT	CT	Existing	58.488	58.488	58.488	58.488	58.488	58.488	58.488	58.488	58.488	58.488	58.488	
355	BRANFORD 10	Generator	8500	Rest-of-Pool	CT	CT	Existing	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	15.84	
356	BRISTOL REFUSE	Generator	8500	Rest-of-Pool	CT	CT	Existing	12.024	12.024	12.024	12.024	12.556	12.556	12.556	12.556	12.556	12.556	12.556	12.556
357	BRIDGEWATER	Generator	8505	Northern New England	NH	NH	Existing	13.976	13.976	13.976	13.976	13.976	13.976	13.976	13.976	13.976	13.976	13.976	
358	BRUNSWICK	Generator	8503	Maine	ME	ME	Existing	4.479	4.479	4.479	4.479	12.062	12.062	12.062	12.062	12.062	12.062	12.062	12.062
359	J. COCKWELL 1	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	331.225	331.225	331.225	331.225	331.225	331.225	331.225	331.225	331.225	331.225	331.225	
360	J. COCKWELL 2	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	330.606	330.606	330.606	330.606	330.606	330.606	330.606	330.606	330.606	330.606	330.606	
362	BULLS BRIDGE	Generator	8500	Rest-of-Pool	CT	CT	Existing	0.782	0.782	0.782	0.782	6.039	6.039	6.039	6.039	6.039	6.039	6.039	6.039
363	BURLINGTON GT	Generator	8505	Northern New England	VT	VT	Existing	17.624	17.624	17.624	17.624	17.624	17.624	17.624	17.624	17.624	17.624	17.624	
365	CANAL 1	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	551.69	551.69	551.69	551.69	551.69	551.69	551.69	551.69	551.69	551.69	551.69	
366	CANAL 2	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	545.335	545.335	545.335	545.335	545.335	545.335	545.335	545.335	545.335	545.335	545.335	
367	CAPE GT 4	Generator	8503	Maine	ME	ME	Existing	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	13.75	
368	CAPE GT 5	Generator	8503	Maine	ME	ME	Existing	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	
369	CATARACT EAST	Generator	8503	Maine	ME	ME	Existing	7.373	7.373	7.373	7.373	7.373	7.373	7.373	7.373	7.373	7.373	7.373	
370	COS COB 10	Generator	8500	Rest-of-Pool	CT	CT	Existing	18.932	18.932	18.932	18.932	18.932	18.932	18.932	18.932	18.932	18.932	18.932	
371	COS COB 11	Generator	8500	Rest-of-Pool	CT	CT	Existing	18.724	18.724	18.724	18.724	18.724	18.724	18.724	18.724	18.724	18.724	18.724	
372	COS COB 12	Generator	8500	Rest-of-Pool	CT	CT	Existing	18.66	18.66	18.66	18.66	18.66	18.66	18.66	18.66	18.66	18.66	18.66	
375	CLEARY 9 9A CC	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	104.931	104.931	104.931	104.931	104.931	104.931	104.931	104.931	104.931	104.931	104.931	
379	COBBLE MOUNTAIN	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	13.243	13.243	13.243	13.243	13.243	13.243	13.243	13.243	13.243	13.243	13.243	
382	MERRIMACK CT1	Generator	8505	Northern New England	NH	NH	Existing	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	
383	MERRIMACK CT2	Generator	8505	Northern New England	NH	NH	Existing	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	
388	DARTMOUTH POWER	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	61.32	61.32	61.32	61.32	61.32	61.32	61.32	61.32	61.32	61.32	61.32	
389	DERBY DAM	Generator	8500	Rest-of-Pool	CT	CT	Existing	1.536	1.536	1.536	1.536	4.987	4.987	4.987	4.987	4.987	4.987	4.987	
392	DEXTER	Generator	8500	Rest-of-Pool	CT	CT	Existing	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	
393	DEERFIELD 5	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	13.965	13.965	13.965	13.965	13.965	13.965	13.965	13.965	13.965	13.965	13.965	
396	DEVON 10	Generator	8500	Rest-of-Pool	CT	CT	Existing	14.407	14.407	14.407	14.407	14.407	14.407	14.407	14.407	14.407	14.407	14.407	
397	DEVON 11	Generator	8500	Rest-of-Pool	CT	CT	Existing	29.299	29.299	29.299	29.299	29.299	29.299	29.299	29.299	29.299	29.299	29.299	
398	DEVON 12	Generator	8500	Rest-of-Pool	CT	CT	Existing	29.227	29.227	29.227	29.227	29.227	29.227	29.227	29.227	29.227	29.227	29.227	
399	DEVON 13	Generator	8500	Rest-of-Pool	CT	CT	Existing	29.967	29.967	29.967	29.967	29.967	29.967	29.967	29.967	29.967	29.967	29.967	
400	DEVON 14	Generator	8500	Rest-of-Pool	CT	CT	Existing	29.704	29.704	29.704	29.704	29.704	29.704	29.704	29.704	29.704	29.704	29.704	
401	EASTMAN FALLS	Generator	8505	Northern New England	NH	NH	Existing	0.947	0.947	0.947	0.947	3.103	3.103	3.103	3.103	3.103	3.103	3.103	
405	ELLSWORTH HYDRO	Generator	8503	Maine	ME	ME	Existing	8.862	8.862	8.862	8.862	8.862	8.862	8.862	8.862	8.862	8.862	8.862	
410	ESSEX 19 HYDRO	Generator	8505	Northern New England	VT	VT	Existing	1.508	1.508	1.508	1.508	5.364	5.364	5.364	5.364	5.364	5.364	5.364	
412	FALLS VILLAGE	Generator	8500	Rest-of-Pool	CT	CT	Existing	1.63	1.63	1.63	1.63	6.035	6.035	6.035	6.035	6.035	6.035	6.035	
413	FIFE BROOK	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	2.002	2.002	2.002	2.002	5.652	5.652	5.652	5.652	5.652	5.652	5.652	
417	FRAMINGHAM JET 1	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	10.145	10.145	10.145	10.145	10.145	10.145	10.145	10.145	10.145	10.145	10.145	
418	FRAMINGHAM JET 2	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	9.952	9.952	9.952	9.952	9.952	9.952	9.952	9.952	9.952	9.952	9.952	
419	FRAMINGHAM JET 3	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	11.25	
420	FRANKLIN DRIVE 10	Generator	8500	Rest-of-Pool	CT	CT	Existing	15.417	15.417	15.417	15.417	15.417	15.417	15.417	15.417	15.417	15.417	15.417	
421	FRONT STREET DIESELS 1-3	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	7.7	
424	GREAT LAKES - MILLINOCKET	Generator	8503	Maine	ME	ME	Existing	104.87	104.87	104.87	104.87	104.87	104.87	104.87	104.87	104.87	104.87	104.87	
426	GORGE 1 DIESEL	Generator	8505	Northern New England	VT	VT	Existing	9.664	9.664	9.664	9.664	9.664	9.664	9.664	9.664	9.664	9.664	9.664	
427	GORHAM	Generator	8505	Northern New England	NH	NH	Existing	0.854	0.854	0.854	0.854	1.571	1.571	1.571	1.571	1.571	1.571	1.571	
432	HARRIS 1	Generator	8503	Maine	ME	ME	Existing	16.693	16.693	16.693	16.693	16.693	16.693	16.693	16.693	16.693	16.693	16.693	
433	HARRIS 2	Generator	8503	Maine	ME	ME	Existing	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	
434	HARRIS 3	Generator	8503	Maine	ME	ME	Existing	33.905	33.905	33.905	33.905	33.905	33.905	33.905	33.905	33.905	33.905	33.905	
435	HARRIMAN	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	30.421</td											

ID	Name	Type	Capacity Zone ID	Capacity Zone Name	State	Load Zone	Status	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28	Feb-28	Mar-28	Apr-28	May-28
480	MIDDLETOWN 2	Generator	8500	Rest-of-Pool	CT	CT	Existing	0	0	0	0	0	0	0	0	0	0	0	0
482	MIDDLETOWN 4	Generator	8500	Rest-of-Pool	CT	CT	Existing	0	0	0	0	0	0	0	0	0	0	0	0
484	MILLSTONE POINT 2	Generator	8500	Rest-of-Pool	CT	CT	Existing	863.259	863.259	863.259	863.259	863.259	863.259	863.259	863.259	863.259	863.259	863.259	
485	MILLSTONE POINT 3	Generator	8500	Rest-of-Pool	CT	CT	Existing	1244.18	1244.18	1244.18	1244.18	1244.18	1244.18	1244.18	1244.18	1244.18	1244.18	1244.18	
486	MILFORD POWER	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	202	202	202	202	202	202	202	202	202	202	202	
487	Worunombo Hydro	Generator	8503	Maine	ME	ME	Existing	4.135	4.135	4.135	4.135	4.135	4.135	4.135	4.135	4.135	4.135	4.135	
489	MERRIMACK 1	Generator	8505	Northern New England	NH	NH	Existing	0	0	0	0	0	0	0	0	0	0	0	
490	MERRIMACK 2	Generator	8505	Northern New England	NH	NH	Existing	0	0	0	0	0	0	0	0	0	0	0	
492	MONTVILLE 10 and 11	Generator	8500	Rest-of-Pool	CT	CT	Existing	0	0	0	0	0	0	0	0	0	0	0	
493	MONTVILLE 5	Generator	8500	Rest-of-Pool	CT	CT	Existing	0	0	0	0	0	0	0	0	0	0	0	
494	MONTVILLE 6	Generator	8500	Rest-of-Pool	CT	CT	Existing	0	0	0	0	0	0	0	0	0	0	0	
495	MONTY	Generator	8503	Maine	ME	ME	Existing	26.96	26.96	26.96	26.96	26.96	26.96	26.96	26.96	26.96	26.96	26.96	
497	MASS POWER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	245.3	245.3	245.3	245.3	245.3	245.3	245.3	245.3	245.3	245.3	245.3	
507	NEA BELLINGHAM	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	282.865	282.865	282.865	282.865	282.865	282.865	282.865	282.865	282.865	282.865	282.865	
508	NEWINGTON 1	Generator	8505	Northern New England	NH	NH	Existing	400.2	400.2	400.2	400.2	400.2	400.2	400.2	400.2	400.2	400.2	400.2	
513	NEW HAVEN HARBOR	Generator	8500	Rest-of-Pool	CT	CT	Existing	439.585	439.585	439.585	439.585	439.585	439.585	439.585	439.585	439.585	439.585	439.585	
527	OGDEN-MARTIN 1	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	39.079	39.079	39.079	39.079	42.659	42.659	42.659	42.659	42.659	42.659	42.659	
528	OCEAN ST PWR GT1 GT2 ST1	Generator	8500	Rest-of-Pool	RI	RI	Existing	270.901	270.901	270.901	270.901	309.587	309.587	309.587	309.587	309.587	309.587	309.587	
529	OCEAN ST PWR GT3 GT4 ST2	Generator	8500	Rest-of-Pool	RI	RI	Existing	334	334	334	334	334	334	334	334	334	334	334	
532	PEEPSOT	Generator	8503	Maine	ME	ME	Existing	3.024	3.024	3.024	3.024	7.493	7.493	7.493	7.493	7.493	7.493	7.493	
536	PERC-ORRINGTON 1	Generator	8503	Maine	ME	ME	Existing	0	0	0	0	0	0	0	0	0	0	0	
539	PONTOOK HYDRO	Generator	8505	Northern New England	NH	NH	Existing	2.88	2.88	2.88	2.88	6.185	6.185	6.185	6.185	6.185	6.185	6.185	
541	PROCTOR	Generator	8505	Northern New England	VT	VT	Existing	1.437	1.437	1.437	1.437	4.342	4.342	4.342	4.342	4.342	4.342	4.342	
542	ECO MAINE	Generator	8503	Maine	ME	ME	Existing	8.287	8.287	8.287	8.287	10.033	10.033	10.033	10.033	10.033	10.033	10.033	
546	RESCO SAUGUS	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	29.623	29.623	29.623	29.623	29.623	29.623	29.623	29.623	29.623	29.623	29.623	
547	WHEELABRATOR NORTH ANDOVER	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	28.738	28.738	28.738	28.738	28.738	28.738	28.738	28.738	28.738	28.738	28.738	
555	SEABROOK	Generator	8505	Northern New England	NH	NH	Existing	1248.05	1248.05	1248.05	1248.05	1248.05	1248.05	1248.05	1248.05	1248.05	1248.05	1248.05	
559	SCHILLER CT 1	Generator	8505	Northern New England	NH	NH	Existing	17.621	17.621	17.621	17.621	17.621	17.621	17.621	17.621	17.621	17.621	17.621	
561	SEARSBURG	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	
562	SECREC-PRESTON	Generator	8500	Rest-of-Pool	CT	CT	Existing	15.492	15.492	15.492	15.492	15.8	15.8	15.8	15.8	15.8	15.8	15.8	
563	SEMASS 1	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	42.26	42.26	42.26	42.26	46.609	46.609	46.609	46.609	46.609	46.609	46.609	
564	SEMASS 2	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	
565	SELDON SPRINGS	Generator	8505	Northern New England	VT	VT	Existing	0.474	0.474	0.474	0.474	7.589	7.589	7.589	7.589	7.589	7.589	7.589	
566	SHEPAUG	Generator	8500	Rest-of-Pool	CT	CT	Existing	41.511	41.511	41.511	41.511	41.511	41.511	41.511	41.511	41.511	41.511	41.511	
567	SHERMAN	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	6.154	6.154	6.154	6.154	6.154	6.154	6.154	6.154	6.154	6.154	6.154	
569	SKELTON	Generator	8503	Maine	ME	ME	Existing	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	
570	SMITH	Generator	8505	Northern New England	NH	NH	Existing	6.756	6.756	6.756	6.756	14.419	14.419	14.419	14.419	14.419	14.419	14.419	
583	STONY BROOK 2A	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	67	67	67	67	67	67	67	67	67	67	67	
584	STONY BROOK 2B	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	65	65	65	65	65	65	65	65	65	65	65	
587	STEVENSON	Generator	8500	Rest-of-Pool	CT	CT	Existing	28.311	28.311	28.311	28.311	28.311	28.311	28.311	28.311	28.311	28.311	28.311	
590	BORALEX STRATTON ENERGY	Generator	8503	Maine	ME	ME	Existing	0	0	0	0	0	0	0	0	0	0	0	
595	TORRINGTON TERMINAL 10	Generator	8500	Rest-of-Pool	CT	CT	Existing	15.638	15.638	15.638	15.638	15.638	15.638	15.638	15.638	15.638	15.638	15.638	
596	TUNNEL 10	Generator	8500	Rest-of-Pool	CT	CT	Existing	0	0	0	0	0	0	0	0	0	0	0	
599	VERNON	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	
613	WATERS RIVER JET 2	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	30.791	30.791	30.791	30.791	30.791	30.791	30.791	30.791	30.791	30.791	30.791	
614	WATERBURY 22	Generator	8505	Northern New England	VT	VT	Existing	0.171	0.171	0.171	0.171	1.894	1.894	1.894	1.894	1.894	1.894	1.894	
616	WEST ENFIELD	Generator	8503	Maine	ME	ME	Existing	6.943	6.943	6.943	6.943	10.537	10.537	10.537	10.537	10.537	10.537	10.537	
617	WESTON	Generator	8503	Maine	ME	ME	Existing	5.938	5.938	5.938	5.938	9.897	9.897	9.897	9.897	9.897	9.897	9.897	
618	WHITE LAKE-JET	Generator	8505	Northern New England	NH	NH	Existing	17.447	17.447	17.447	17.447	17.447	17.447	17.447	17.447	17.447	17.447	17.447	
620	WILDER	Generator	8505	Northern New England	NH	NH	Existing	40.92	40.92	40.92	40.92	40.92	40.92	40.92	40.92	40.92	40.92	40.92	
621	WILLIAMS	Generator	8503	Maine	ME	ME	Existing	14.855	14.855	14.855	14.855	14.855	14.855	14.855	14.855	14.855	14.855	14.855	
622	WINNOOSKI 1	Generator	8505	Northern New England	VT	VT	Existing	0.94	0.94	0.94	0.94	3.702	3.702	3.702	3.702	3.702	3.702	3.702	
624	WM1 MILLBURY 1	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	39.811	39.811	39.811	39.811	39.811	39.811	39.811	39.811	39.811	39.811	39.811	
625	WEST MEDWAY JET 1	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	42	42	42	42	42	42	42	42	42	42	42	
626	WEST MEDWAY JET 2	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	39.848	39.848	39.848	39.848	39.848	39.848	39.848	39.848	39.848	39.848	39.848	
627	WEST MEDWAY JET 3	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	42.001	42.001	42.001	42.001	42.001	42.001	42.001	42.001	42.001	42.001	42.001	
636	WYMAN HYDRO 1	Generator	8503	Maine	ME	ME	Existing	28.968	28.968	28.968	28.968	28.968	28.968	28.968	28.968	28.968	28.968	28.968	
637	WYMAN HYDRO 2	Generator	8503	Maine	ME	ME	Existing	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	
638	WYMAN HYDRO 3	Generator	8503	Maine	ME	ME	Existing	29.13	29.13	29.13	29.13	29.13	29.13	29.13	29.13	29.13	29.13	29.13	
641	YARMOUTH 3	Generator	8503	Maine	ME	ME	Existing	110.06	110.06	110.06	110.06	110.06	110.06	110.06	110.06	110.06	110.06	110.06	
642	YARMOUTH 4	Generator	8503	Maine	ME	ME	Existing	595	595	595	595	595	595	595	595	595	595	595	
715	ROCHESTER LANDFILL	Generator	8505	Northern New England	NH	NH	Existing	2.226	2.226	2.226	2.226	2.226	2.226	2.226	2.226	2.226	2.226	2.226	
737	SIMPSON G LOAD REDUCER	Generator	8505	Northern New England	VT	VT	Existing	1.548	1.548	1.548	1.548	3.154	3.154	3.154	3.154	3.154	3.154	3.154	
739	ROCKY RIVER	Generator	8500	Rest-of-Pool	CT	CT	Existing	27.906	27.906	27.906	27.906	27.906	27.906	27.906	27.906	27.906	27.906	27.906	
755	BONNY EAGLE W. BUXTON																		

ID	Name	Type	Capacity Zone ID	Capacity Zone Name	State	Load Zone	Status	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28	Feb-28	Mar-28	Apr-28	May-28
793	METHIEN HYDRO	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	0.022	0.022	0.022	0.026	0.206	0.206	0.206	0.206	0.206	0.206	0.206	
794	MINIWAWA	Generator	8505	Northern New England	NH	NH	Existing	0.201	0.201	0.201	0.201	0.735	0.735	0.735	0.735	0.735	0.735	0.735	
795	RIVER MILL HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0	0	0	0	0.076	0.076	0.076	0.076	0.076	0.076	0.076	
796	GOODWIN DAM	Generator	8500	Rest-of-Pool	CT	CT	Existing	3	3	3	3	3	3	3	3	3	3	3	
797	CEC 003 WYRE WYND US	Generator	8500	Rest-of-Pool	CT	CT	Existing	0.394	0.394	0.394	0.394	1.906	1.906	1.906	1.906	1.906	1.906	1.906	
803	TOUTANT	Generator	8500	Rest-of-Pool	CT	CT	Existing	0.073	0.073	0.073	0.073	0.385	0.385	0.385	0.385	0.385	0.385	0.385	
804	PUTNAM	Generator	8500	Rest-of-Pool	CT	CT	Existing	0.153	0.153	0.153	0.153	0.552	0.552	0.552	0.552	0.552	0.552	0.552	
806	MECHANICSVILLE	Generator	8500	Rest-of-Pool	CT	CT	Existing	0.077	0.077	0.077	0.077	0.252	0.252	0.252	0.252	0.252	0.252	0.252	
807	CEC 004 DAYVILLE POND US	Generator	8500	Rest-of-Pool	CT	CT	Existing	0.011	0.011	0.011	0.011	0.049	0.049	0.049	0.049	0.049	0.049	0.049	
808	SANDY HOOK HYDRO	Generator	8500	Rest-of-Pool	CT	CT	Existing	0	0	0	0	0.025	0.025	0.025	0.025	0.025	0.025	0.025	
810	QUINEBAUG	Generator	8500	Rest-of-Pool	CT	CT	Existing	0.357	0.357	0.357	0.357	1.247	1.247	1.247	1.247	1.247	1.247	1.247	
813	TUNNEL	Generator	8500	Rest-of-Pool	CT	CT	Existing	0.207	0.207	0.207	0.207	1.703	1.703	1.703	1.703	1.703	1.703	1.703	
824	BATH ELECTRIC HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0.075	0.075	0.075	0.075	0.138	0.138	0.138	0.138	0.138	0.138	0.138	
827	SEARSBURG WIND	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.183	0.183	0.183	0.183	1.022	1.022	1.022	1.022	1.022	1.022	1.022	
849	CRESCENT DAM	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.225	0.225	0.225	0.225	0.799	0.799	0.799	0.799	0.799	0.799	0.799	
850	GLENDALE HYDRO	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.286	0.286	0.286	0.286	0.734	0.734	0.734	0.734	0.734	0.734	0.734	
851	GARDNER FALLS	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.106	0.106	0.106	0.106	1.211	1.211	1.211	1.211	1.211	1.211	1.211	
852	SOUTH BARRE HYDRO	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.019	0.019	0.019	0.019	0.14	0.14	0.14	0.14	0.14	0.14	0.14	
854	ORANGE HYDRO 1	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.04	0.04	0.04	0.04	0.135	0.135	0.135	0.135	0.135	0.135	0.135	
855	ORANGE HYDRO 2	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.088	0.088	0.088	0.088	0.172	0.172	0.172	0.172	0.172	0.172	0.172	
856	HUNTS POND	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.021	0.021	0.021	0.021	0.056	0.056	0.056	0.056	0.056	0.056	0.056	
857	OAKDALE HYDRO	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	2.543	2.543	2.543	2.543	0.202	0.202	0.202	0.202	0.202	0.202	0.202	
859	BOATLOCK	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.891	0.891	0.891	0.891	2.49	2.49	2.49	2.49	2.49	2.49	2.49	
860	BRIAR HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0.529	0.529	0.529	0.529	3.121	3.121	3.121	3.121	3.121	3.121	3.121	
861	CANAAN	Generator	8505	Northern New England	NH	NH	Existing	0.309	0.309	0.309	0.309	0.759	0.759	0.759	0.759	0.759	0.759	0.759	
862	CHEMICAL	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.372	0.372	0.372	0.372	0.261	0.261	0.261	0.261	0.261	0.261	0.261	
863	CLEMENT DAM	Generator	8505	Northern New England	NH	NH	Existing	0.596	0.596	0.596	0.596	1.368	1.368	1.368	1.368	1.368	1.368	1.368	
864	DWIGHT	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.429	0.429	0.429	0.429	0.936	0.936	0.936	0.936	0.936	0.936	0.936	
865	ERROL	Generator	8505	Northern New England	NH	NH	Existing	1.376	1.376	1.376	1.376	1.749	1.749	1.749	1.749	1.749	1.749	1.749	
866	GREIGS	Generator	8505	Northern New England	NH	NH	Existing	0.265	0.265	0.265	0.265	1.484	1.484	1.484	1.484	1.484	1.484	1.484	
867	INDIAN ORCHARD	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.163	0.163	0.163	0.163	1.312	1.312	1.312	1.312	1.312	1.312	1.312	
868	MILTON MILLS HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0.158	0.158	0.158	0.158	1.081	1.081	1.081	1.081	1.081	1.081	1.081	
869	MINE FALLS	Generator	8505	Northern New England	NH	NH	Existing	0.677	0.677	0.677	0.677	1.697	1.697	1.697	1.697	1.697	1.697	1.697	
870	PEMBROKE	Generator	8505	Northern New England	NH	NH	Existing	0.169	0.169	0.169	0.169	1.472	1.472	1.472	1.472	1.472	1.472	1.472	
871	PENNACOOK FALLS LOWER	Generator	8505	Northern New England	NH	NH	Existing	0.989	0.989	0.989	0.989	3.214	3.214	3.214	3.214	3.214	3.214	3.214	
872	PENNACOOK FALLS UPPER	Generator	8505	Northern New England	NH	NH	Existing	0.522	0.522	0.522	0.522	1.965	1.965	1.965	1.965	1.965	1.965	1.965	
873	PUTTS BRIDGE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.376	0.376	0.376	0.376	2.436	2.436	2.436	2.436	2.436	2.436	2.436	
874	RED BRIDGE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.504	0.504	0.504	0.504	2.71	2.71	2.71	2.71	2.71	2.71	2.71	
875	RIVER BEND	Generator	8505	Northern New England	NH	NH	Existing	0.458	0.458	0.458	0.458	0.912	0.912	0.912	0.912	0.912	0.912	0.912	
877	SCOTLAND	Generator	8500	Rest-of-Pool	CT	CT	Existing	0	0	0	0	0.921	0.921	0.921	0.921	0.921	0.921	0.921	
878	SKINNER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.05	0.05	0.05	0.05	0.048	0.048	0.048	0.048	0.048	0.048	0.048	
879	TAFTVILLE CT	Generator	8500	Rest-of-Pool	CT	CT	Existing	0.147	0.147	0.147	0.147	0.815	0.815	0.815	0.815	0.815	0.815	0.815	
882	FRANKLIN FALLS	Generator	8505	Northern New England	NH	NH	Existing	0.365	0.365	0.365	0.365	0.517	0.517	0.517	0.517	0.517	0.517	0.517	
883	SALEMON FALLS HYDRO	Generator	8503	Maine	ME	ME	Existing	0	0	0	0	0.409	0.409	0.409	0.409	0.409	0.409	0.409	
884	SWANS FALLS	Generator	8505	Northern New England	NH	NH	Existing	0.118	0.118	0.118	0.118	0.261	0.261	0.261	0.261	0.261	0.261	0.261	
886	COCHECO FALLS	Generator	8505	Northern New England	NH	NH	Existing	0.044	0.044	0.044	0.044	0.257	0.257	0.257	0.257	0.257	0.257	0.257	
887	CHINA MILLS DAM	Generator	8505	Northern New England	NH	NH	Existing	0.086	0.086	0.086	0.086	0.497	0.497	0.497	0.497	0.497	0.497	0.497	
888	NEWFOUND HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0.082	0.082	0.082	0.082	0.513	0.513	0.513	0.513	0.513	0.513	0.513	
889	SUNAPEE HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0.075	0.075	0.075	0.075	0.283	0.283	0.283	0.283	0.283	0.283	0.283	
890	NASHUA HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0.22	0.22	0.22	0.22	0.757	0.757	0.757	0.757	0.757	0.757	0.757	
891	HILLSBORO MILLS	Generator	8505	Northern New England	NH	NH	Existing	0.057	0.057	0.057	0.057	0.255	0.255	0.255	0.255	0.255	0.255	0.255	
892	LAKEPORT DAM	Generator	8505	Northern New England	NH	NH	Existing	0.193	0.193	0.193	0.193	0.302	0.302	0.302	0.302	0.302	0.302	0.302	
893	WEST HOPKINTON HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0.088	0.088	0.088	0.088	0.534	0.534	0.534	0.534	0.534	0.534	0.534	
894	LISBON HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0.092	0.092	0.092	0.092	0.31	0.31	0.31	0.31	0.31	0.31	0.31	
895	LOWER ROBERTSON DAM	Generator	8505	Northern New England	NH	NH	Existing	0.275	0.275	0.275	0.275	0.664	0.664	0.664	0.664	0.664	0.664	0.664	
897	OLD NASH DAM	Generator	8505	Northern New England	NH	NH	Existing	0.015	0.015	0.015	0.015	0.079	0.079	0.079	0.079	0.079	0.079	0.079	
900	GREAT FALLS LOWER	Generator	8505	Northern New England	NH	NH	Existing	0.029	0.029	0.029	0.029	0.348	0.348	0.348	0.348	0.348	0.348	0.348	
902	HOSEY MILL DAM	Generator	8505	Northern New England	NH	NH	Existing	0.185	0.185	0.185	0.185	0.626	0.626	0.626	0.626	0.626	0.626	0.626	
903	WYANDOTTE HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0	0	0	0	0.025	0.025	0.025	0.025	0.025	0.025	0.025	
904	LOCHMERE DAM	Generator	8505	Northern New England	NH	NH	Existing	0.274	0.274	0.274	0.274	0.45	0.45	0.45	0.45	0.45	0.45	0.45	
905	ASHUOLET HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0.286	0.286	0.286	0.286	0.69	0.69	0.69	0.69	0.69	0.69	0.69	
906	ROLLINSFORD HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0.105	0.105	0.105	0.105	0.934	0.934	0.934	0.934	0.934	0.934	0.934	
908	OTIS MILL HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0	0	0	0	0.008	0.008	0.008	0.008	0.008	0.008	0.008	
909	STEELS POND HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0.009	0.009	0.009	0.009	0.387	0.387	0.387	0.387	0.387	0.387	0.387	
910	CAMPTON DAM	Generator	8505	Northern New England	NH	NH	Existing	0.013	0.013	0.013	0.013	0.085	0.085	0.085	0.085	0.085	0.085	0.085	
911	KELLEY'S FALLS	Generator	8505	Northern New England	NH	NH	Existing	0	0	0	0	0	0	0	0	0	0	0	
913	GOODRICH FALLS	Generator	8505	Northern New England	NH	NH	Existing	0.043	0.043	0.043	0.043	0.253	0.253	0.253	0.253	0.253	0.253	0.253	
915	MONADNOCK PAPER MILLS	Generator	8505	Northern New England	NH	NH	Existing	0	0	0	0	0.008	0.008	0.008	0.008	0.008	0.008	0.008	
919	HOPKINTON HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0.059	0.059	0.059	0.059	0.182	0.182	0.182	0.182	0.182	0.182	0.182	
925	OTTER LANE HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0											

ID	Name	Type	Capacity Zone ID	Capacity Zone Name	State	Load Zone	Status	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28	Feb-28	Mar-28	Apr-28	May-28
948	PEPPERELL HYDRO COMPANY LLC	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.346	0.346	0.346	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84	0.84
951	BALTIC MILLS - QF	Generator	8505	Northern New England	NH	NH	Existing	0.023	0.023	0.023	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033	0.033
957	HGE& HYDRO CABOT 1-4	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.303	0.303	0.303	0.568	0.568	0.568	0.568	0.568	0.568	0.568	0.568	0.568
969	POWDER MILL HYDRO	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103	0.103
970	DUDLEY HYDRO	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.014	0.014	0.014	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087	0.087
978	NEW MILFORD	Generator	8500	Rest-of-Pool	CT	CT	Existing	0.665	0.665	0.665	0.703	0.703	0.703	0.703	0.703	0.703	0.703	0.703	0.703
1005	BG DIGHTON POWER LLC	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	163.707	163.707	163.707	163.707	163.707	163.707	163.707	163.707	163.707	163.707	163.707	
1032	BRIDGEPORT ENERGY 1	Generator	8500	Rest-of-Pool	CT	CT	Existing	542.34	542.34	542.34	542.34	542.34	542.34	542.34	542.34	542.34	542.34	542.34	
1034	RIVERSIDE 4-7	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1.071	1.071	1.071	1.793	1.793	1.793	1.793	1.793	1.793	1.793	1.793	1.793
1035	RIVERSIDE 8	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1.884	1.884	1.884	3.021	3.021	3.021	3.021	3.021	3.021	3.021	3.021	3.021
1047	FAIRFAX	Generator	8505	Northern New England	VT	VT	Existing	0.424	0.424	0.424	3.173	3.173	3.173	3.173	3.173	3.173	3.173	3.173	3.173
1048	WARE HYDRO	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.146	0.146	0.146	0.893	0.893	0.893	0.893	0.893	0.893	0.893	0.893	0.893
1049	COLLINS HYDRO	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.203	0.203	0.203	0.751	0.751	0.751	0.751	0.751	0.751	0.751	0.751	0.751
1054	BLACKSTONE HYDRO ASSOC	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0.152	0.152	0.152	0.152	0.152	0.152	0.152	0.152	0.152
1057	BLACKSTONE HYDRO LOAD REDUCER	Generator	8500	Rest-of-Pool	RI	RI	Existing	0.185	0.185	0.185	0.567	0.567	0.567	0.567	0.567	0.567	0.567	0.567	0.567
1061	MASCOMA HYDRO	Generator	8505	Northern New England	NH	NH	Existing	0	0	0	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317
1062	MWRA COSGROVE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.713	0.713	0.713	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352	0.352
1086	BERKSHIRE POWER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	
1109	MMWAC	Generator	8503	Maine	ME	ME	Existing	1.636	1.636	1.636	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905	1.905
1113	BRASSUA HYDRO	Generator	8503	Maine	ME	ME	Existing	4.203	4.203	4.203	4.203	4.203	4.203	4.203	4.203	4.203	4.203	4.203	
1114	MADISON COMPOSITE	Generator	8503	Maine	ME	ME	Existing	7.087	7.087	7.087	16.101	16.101	16.101	16.101	16.101	16.101	16.101	16.101	16.101
1117	GREAT WORKS COMPOSITE	Generator	8503	Maine	ME	ME	Existing	0	0	0	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	
1119	KENNEBAGO HYDRO	Generator	8503	Maine	ME	ME	Existing	0.092	0.092	0.092	0.379	0.379	0.379	0.379	0.379	0.379	0.379	0.379	
1122	CASCADE-DIAMOND-QF	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.076	0.076	0.076	0.233	0.233	0.233	0.233	0.233	0.233	0.233	0.233	
1185	STONY BROOK GT1A	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	103.167	103.167	103.167	103.167	103.167	103.167	103.167	103.167	103.167	103.167	103.167	
1186	STONY BROOK GT1B	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	99.932	99.932	99.932	99.932	99.932	99.932	99.932	99.932	99.932	99.932	99.932	
1187	STONY BROOK GT1C	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	103.167	103.167	103.167	103.167	103.167	103.167	103.167	103.167	103.167	103.167	103.167	
1210	MILLENNIUM	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	331	331	331	331	331	331	331	331	331	331	331	
1216	MAINE INDEPENDENCE STATION	Generator	8503	Maine	ME	ME	Existing	492.658	492.658	492.658	492.658	492.658	492.658	492.658	492.658	492.658	492.658	492.658	
1221	ESSEX DIEELS	Generator	8505	Northern New England	VT	VT	Existing	7.215	7.215	7.215	7.215	7.215	7.215	7.215	7.215	7.215	7.215	7.215	
1226	TIVERTON POWER	Generator	8500	Rest-of-Pool	RI	RI	Existing	271.6	271.6	271.6	271.6	271.6	271.6	271.6	271.6	271.6	271.6	271.6	
1255	RUMFORD POWER	Generator	8503	Maine	ME	ME	Existing	254.282	254.282	254.282	254.282	254.282	254.282	254.282	254.282	254.282	254.282	254.282	
1258	BHE SMALL HYDRO COMPOSITE	Generator	8503	Maine	ME	ME	Existing	0.162	0.162	0.162	1.207	1.207	1.207	1.207	1.207	1.207	1.207	1.207	1.207
1270	SYKSO STONY BROOK	Generator	8503	Maine	ME	ME	Existing	0.009	0.009	0.009	0.006	0.006	0.006	0.006	0.006	0.006	0.006	0.006	
1273	AUTOMATIC HYDRO	Generator	8503	Maine	ME	ME	Existing	0	0	0	0.183	0.183	0.183	0.183	0.183	0.183	0.183	0.183	
1286	ANP-BLACKSTONE ENERGY CO. #1	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	246.651	246.651	246.651	278.751	278.751	278.751	278.751	278.751	278.751	278.751	278.751	
1287	ANP-BLACKSTONE ENERGY 2	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	240.227	240.227	240.227	240.227	240.227	240.227	240.227	240.227	240.227	240.227	240.227	
1288	BUCKSPORT ENERGY 4	Generator	8503	Maine	ME	ME	Existing	160.3	160.3	160.3	160.3	160.3	160.3	160.3	160.3	160.3	160.3	160.3	
1342	LAKE ROAD 1	Generator	8500	Rest-of-Pool	CT	CT	Existing	266.835	266.835	266.835	290.442	290.442	290.442	290.442	290.442	290.442	290.442	290.442	
1343	LAKE ROAD 2	Generator	8500	Rest-of-Pool	CT	CT	Existing	272.882	272.882	272.882	293.341	293.341	293.341	293.341	293.341	293.341	293.341	293.341	
1344	LAKE ROAD 3	Generator	8500	Rest-of-Pool	CT	CT	Existing	275.361	275.361	275.361	291.455	291.455	291.455	291.455	291.455	291.455	291.455	291.455	
1345	WESTBROOK	Generator	8503	Maine	ME	ME	Existing	530	530	530	530	530	530	530	530	530	530	530	
1368	ROCKY GORGE CORPORATION	Generator	8503	Maine	ME	ME	Existing	0.036	0.036	0.036	0.278	0.278	0.278	0.278	0.278	0.278	0.278	0.278	
1376	PPL WALLINGFORD UNIT 1	Generator	8500	Rest-of-Pool	CT	CT	Existing	46.445	46.445	46.445	46.445	46.445	46.445	46.445	46.445	46.445	46.445	46.445	
1377	PPL WALLINGFORD UNIT 2	Generator	8500	Rest-of-Pool	CT	CT	Existing	44.316	44.316	44.316	47.596	47.596	47.596	47.596	47.596	47.596	47.596	47.596	
1378	PPL WALLINGFORD UNIT 3	Generator	8500	Rest-of-Pool	CT	CT	Existing	45.891	45.891	45.891	49.315	49.315	49.315	49.315	49.315	49.315	49.315	49.315	
1379	PPL WALLINGFORD UNIT 4	Generator	8500	Rest-of-Pool	CT	CT	Existing	43.984	43.984	43.984	48.46	48.46	48.46	48.46	48.46	48.46	48.46	48.46	
1380	PPL WALLINGFORD UNIT 5	Generator	8500	Rest-of-Pool	CT	CT	Existing	45.241	45.241	45.241	48.222	48.222	48.222	48.222	48.222	48.222	48.222	48.222	
1385	MILL Power 1 Incremental	Generator	8500	Rest-of-Pool	CT	CT	Existing	265.853	265.853	265.853	292.647	292.647	292.647	292.647	292.647	292.647	292.647	292.647	
1396	MILL POWER 2	Generator	8500	Rest-of-Pool	CT	CT	Existing	263.559	263.559	263.559	287.559	287.559	287.559	287.559	287.559	287.559	287.559	287.559	
1412	ANP-BELLINGHAM 1	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	260.697	260.697	260.697	298.799	298.799	298.799	298.799	298.799	298.799	298.799	298.799	
1415	ANP-BELLINGHAM 2	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	261.569	261.569	261.569	297.604	297.604	297.604	297.604	297.604	297.604	297.604	297.604	
1432	GRS-FALL RIVER	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963	1.963	
1572	GRANBY SANITARY LANDFILL OF US	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.716	0.716	0.716	0.873	0.873	0.873	0.873	0.873	0.873	0.873	0.873	
1625	GRANITE RIDGE ENERGY	Generator	8505	Northern New England	NH	NH	Existing	662.33	662.33	662.33	662.33	662.33	662.33	662.33	662.33	662.33	662.33	662.33	
1630	RISPE	Generator	8500	Rest-of-Pool	RI	RI	Existing	551.668	551.668	551.668	551.668	551.668	551.668	551.668	551.668	551.668	551.668	551.668	
1649	EP Newtoning Energy, LLC	Generator	8505	Northern New England	NH	NH	Existing	559.5	559.5	559.5	559.5	559.5	559.5	559.5	559.5	559.5	559.5	559.5	
1656	HULL WIND TURBINE US	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	
1672	KENDALL CT	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	180.941	180.941	180.941	180.941	180.941	180.941	180.941	180.941	180.941	180.941	180.941	
1691	FORE RIVER-1	Generator	8500	Rest-of-Pool	MA	SEMA</													

ID	Name	Type	Capacity Zone ID	Capacity Zone Name	State	Load Zone	Status	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28	Feb-28	Mar-28	Apr-28	May-28	
38297	CPV_Towantic	Generator	8500	Rest-of-Pool	CT	CT	Existing	745	745	745	745	745	745	745	745	745	745	745	745	
38302	Fisher Road Solar I	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1.92	1.92	1.92	0	0	0	0	0	0	0	0	0	
38310	Canal 3	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	333	333	333	333	333	333	333	333	333	333	333	333	
38311	NEMA CHP	Demand	8500	Rest-of-Pool	MA	NEMA	Existing	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	6.48	
38322	DRCR_Central MA_201403	Demand	8500	Rest-of-Pool	MA	WCMA	Existing	14,599	14,599	14,599	14,599	14,599	14,599	14,599	14,599	14,599	14,599	14,599	14,599	
38324	DRCR_Lower SEMA_201403	Demand	8500	Rest-of-Pool	MA	SEMA	Existing	6,818	6,818	6,818	6,818	6,818	6,818	6,818	6,818	6,818	6,818	6,818	6,818	
38331	DRCR_Rhode Island_201403	Demand	8500	Rest-of-Pool	RI	RI	Existing	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	
38334	DRCR_SEMA_201403	Demand	8500	Rest-of-Pool	MA	SEMA	Existing	20,034	20,034	20,034	20,034	20,034	20,034	20,034	20,034	20,034	20,034	20,034	20,034	
38360	DRCR_Boston_201403	Demand	8500	Rest-of-Pool	MA	NEMA	Existing	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	
38372	Dartmouth Solar	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1.43	1.43	1.43	0	0	0	0	0	0	0	0	0	
38373	Holliston	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1,328	1,328	1,328	0	0	0	0	0	0	0	0	0	
38374	Plymouth	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1.9	1.9	1.9	0	0	0	0	0	0	0	0	0	
38375	Uxbridge	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1,218	1,218	1,218	0	0	0	0	0	0	0	0	0	
38376	Landcraft	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0,923	0,923	0,923	0	0	0	0	0	0	0	0	0	
38378	LSRHS	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	0.4	0.4	0.4	0	0	0	0	0	0	0	0	0	
38380	Treasure Valley- SE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	2,07	2,07	2,07	0	0	0	0	0	0	0	0	0	
38381	Belchertown SED	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0,525	0,525	0,525	0	0	0	0	0	0	0	0	0	
38387	CSG Aggregation of DG and 24 hr lighting EE - NEMA1_2	Demand	8500	Rest-of-Pool	MA	NEMA	Existing	10,376	10,376	10,376	10,376	10,376	10,376	10,376	10,376	10,376	10,376	10,376	10,376	
38388	CSG Aggregation of DG and 24 hr lighting EE - SEMA1_2	Demand	8500	Rest-of-Pool	MA	SEMA	Existing	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	
38389	CSG Aggregation of DG and 24 hr lighting EE - WCMA1_2	Demand	8500	Rest-of-Pool	MA	WCMA	Existing	5,249	5,249	5,249	5,249	5,249	5,249	5,249	5,249	5,249	5,249	5,249	5,249	
38393	RTDR_51325_ Maine (7505)	Demand	8503	Maine	ME	ME	Existing	0	0	0	0	0	0	0	0	0	0	0	0	
38421	Jericho Power	Generator	8505	Northern New England	NH	NH	Existing	1,127	1,127	1,127	2,529	2,529	2,529	2,529	2,529	2,529	2,529	2,529	2,529	2,529
38438	Deerfield Wind Project	Generator	8505	Northern New England	VT	VT	Existing	5,022	5,022	5,022	10,811	10,811	10,811	10,811	10,811	10,811	10,811	10,811	10,811	10,811
38440	Cottage St PV	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1,245	1,245	1,245	0	0	0	0	0	0	0	0	0	0
38441	UI RCP BGPT FC	Generator	8500	Rest-of-Pool	CT	CT	Existing	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	2,399	
38442	UI RCP NH FC	Generator	8500	Rest-of-Pool	CT	CT	Existing	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	
38447	Boston_PeakDR	Demand	8500	Rest-of-Pool	MA	NEMA	Existing	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82	17.82	
38468	Norfolk-Walpole Co-Gen	Demand	8500	Rest-of-Pool	MA	SEMA	Existing	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	
38475	Hoosac Wind Project	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	3,942	3,942	3,942	3,942	3,942	3,942	3,942	3,942	3,942	3,942	3,942	3,942	
38480	Hubbardston SED	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.4	0.4	0.4	0	0	0	0	0	0	0	0	0	
38483	Ngird_SEMA_CHP	Demand	8500	Rest-of-Pool	MA	SEMA	Existing	3,852	3,852	3,852	3,852	3,852	3,852	3,852	3,852	3,852	3,852	3,852	3,852	
38494	24 Bottuline Rd Leicester PV	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0	
38495	Deepwater Wind Block Island	Generator	8500	Rest-of-Pool	RI	RI	Existing	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	5.15	
38500	Mass Mid-State Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	6,208	6,208	6,208	6,208	6,208	6,208	6,208	6,208	6,208	6,208	6,208	6,208	
38510	City of Gardner - Mill St. Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0,355	0,355	0,355	0	0	0	0	0	0	0	0	0	0
38527	Grafton WD	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0,563	0,563	0,563	0	0	0	0	0	0	0	0	0	0
38528	29 Oxford Rd Charlton PV	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0	
38530	Matapoisett 2	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0,316	0,316	0,316	0	0	0	0	0	0	0	0	0	0
38531	Matapoisett 1	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0,316	0,316	0,316	0	0	0	0	0	0	0	0	0	0
38532	Leominster- South St.	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	0,984	0,984	0,984	0	0	0	0	0	0	0	0	0	0
38533	Berlin 1	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0,295	0,295	0,295	0	0	0	0	0	0	0	0	0	0
38534	Millbury Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0,935	0,935	0,935	0	0	0	0	0	0	0	0	0	0
38538	Groton Road Shirley PV	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0	
38539	40 Auburn Rd Millbury PV	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0	
38543	Carpenter Hill Rd Charlton PV	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0	
38544	17 Kelly Rd Sturbridge PV	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0	
38545	90 River Rd Sturbridge PV	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0	
38548	Fall River- Commerce	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0,468	0,468	0,468	0	0	0	0	0	0	0	0	0	0
38551	Fast River - Innovation	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1,355	1,355	1,355	0	0	0	0	0	0	0	0	0	0
38553	Antirim Wind Resource	Generator	8505	Northern New England	NH	NH	Existing	3,247	3,247	3,247	6,209	6,209	6,209	6,209	6,209	6,209	6,209	6,209	6,209	6,209
38555	Berlin 2	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0,295	0,295	0,295	0	0	0	0	0	0	0	0	0	0
38556	Berlin 3	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0,296	0,296	0,296	0	0	0	0	0	0	0	0	0	0
38558	Fall River- Uxbridge	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1,136	1,136	1,136	0	0	0	0	0	0	0	0	0	0
38559	Berlin 4	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0,331	0,331	0,331	0	0	0	0	0	0	0	0	0	0
38560	Grafton	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0,858	0,858	0,858	0	0	0	0	0	0	0	0	0	0
38561	True North	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	1,729	1,729	1,729	0	0	0	0	0	0	0	0	0	0
38562	Franklin 1	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1.04	1.04	1.04	0	0	0	0	0	0	0	0	0	0
38565	Franklin 2	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1,552	1,552	1,552	0	0	0	0	0	0	0	0	0	0
38567	Billerica	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1,976	1,976	1,976	0	0	0	0	0	0	0	0	0	0
38574	Route 57	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0,735	0,735	0,735	0	0	0	0	0	0	0	0	0	0
38575	Agawam Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0,653	0,653	0,653	0	0	0	0	0	0	0	0	0	0
38576	Whately	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0,617	0,617	0,617	0	0	0	0	0	0	0	0	0	0
38577	Holiday Hill Community Wind	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0,527	0,527	0,527	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118	1,118
38579	Rehoboth	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0,93	0,93	0,93	0	0	0	0	0	0	0	0	0	0
38580	Amesbury	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	2,312	2,312	2,312	0	0	0	0	0	0	0	0	0	0
38581	Tyngsborough	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0,871	0,871	0,871	0	0	0	0	0	0	0	0	0	0
38582	Norton MA	Generator	8500	Rest-of-Pool	MA	SEMA														

ID	Name	Type	Capacity Zone ID	Capacity Zone Name	State	Load Zone	Status	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28	Feb-28	Mar-28	Apr-28	May-28
40600	S - SEMA Solar DG Aggregation	Demand	8500	Rest-of-Pool	MA	SEMA	Existing	0.6	0.6	0.6	0.6	0.6	0	0	0	0	0.6	0.6	
40601	S - WCMa Solar DG Aggregation	Demand	8500	Rest-of-Pool	MA	WCMa	Existing	0.168	0.168	0.168	0.168	0.168	0	0	0	0	0.168	0.168	
40602	DCR, Vermont	Demand	8505	Northern New England	VT	VT	Existing	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	7.74	
40613	Fusion Solar Center LLC	Generator	8500	Rest-of-Pool	CT	CT	Existing	7.44	7.44	7.44	7.44	0	0	0	0	0	0	0	
40615	Hatfield Solar PV	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.63	0.63	0.63	0.63	0	0	0	0	0	0	0	
40616	Pawcatuck Solar Center	Generator	8500	Rest-of-Pool	CT	CT	Existing	9	9	9	9	0	0	0	0	0	0	0	
40617	Sunderland PV Solar	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.175	0.175	0.175	0.175	0	0	0	0	0	0	0	
40618	Greenfield Solar PV	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.376	0.376	0.376	0.376	0	0	0	0	0	0	0	
40619	Southampton Solar PV	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.347	0.347	0.347	0.347	0	0	0	0	0	0	0	
40620	Savoy Solar PV	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.359	0.359	0.359	0.359	0	0	0	0	0	0	0	
40621	Hampden Solar PV	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.59	0.59	0.59	0.59	0	0	0	0	0	0	0	
40622	Springfield Solar PV	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.712	0.712	0.712	0.712	0	0	0	0	0	0	0	
40623	East Longmeadow Solar PV	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.842	0.842	0.842	0.842	0	0	0	0	0	0	0	
40624	East Springfield Solar PV	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.261	0.261	0.261	0.261	0	0	0	0	0	0	0	
40625	Ludlow Site 72 - Conti	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.264	0.264	0.264	0.264	0	0	0	0	0	0	0	
40626	Plymouth Solar PV	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.229	0.229	0.229	0.229	0	0	0	0	0	0	0	
40627	New Bedford Solar PV	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.169	0.169	0.169	0.169	0	0	0	0	0	0	0	
40629	Wareham Solar PV	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.553	0.553	0.553	0.553	0	0	0	0	0	0	0	
40630	Hinsdale Solar PV	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.365	0.365	0.365	0.365	0	0	0	0	0	0	0	
40631	Southwick Solar PV	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.823	0.823	0.823	0.823	0	0	0	0	0	0	0	
40632	RI_23_DGSC_PV_200 Frenchtown Rd_North Kingstown	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40641	RI_25_RE Growth PV_50 Snell Rd_Little Compton	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40642	RI_26_RE Growth PV_451 Putnam Pike_Gloster	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40644	RI_27 RE Growth PV_304 Progress Rd_Tiverton	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40647	RI_28 RE Growth PV_401 Snake Hill Rd_Gloster	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40653	Madison BESS	Generator	8503	Maine	ME	ME	Existing	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	
40654	RI_29 RE Growth PV_44 Bank St_Hopkinton	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40655	RI_33 RE Growth PV_200 Frenchtown Rd_North Kingstown	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40656	RI_34 RE Growth PV_0 Danielson Pike_Providence	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40658	Vineyard Wind	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	185.848	185.848	185.848	185.848	347.415	347.415	347.415	347.415	347.415	347.415	347.415	
40659	RI_36 RE Growth PV_540 Nooseneck Hill Rd_Exeter	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40664	Syncrepha Massachusetts	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.67	0.67	0.67	0.67	0	0	0	0	0	0	0	
40666	Cranberry Point Battery Energy Storage	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	150	150	150	150	150	150	150	150	150	150	150	
40667	RI_42 RE Growth PV_320 Compass Circle_North Kingstown	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40675	RI_50 RE Growth PV_722 Main St_Hopkinton	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40676	RI_52 RE Growth PV_139 Heaton Orchard Rd_Richmond	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40695	RI_31 RE Growth PV_1275 Seven Mile Rd_Cranston	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40696	RI_32 RE Growth PV_1275 Seven Mile Rd_Cranston	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40698	Syncrepha North Adams	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	1	1	1	1	0	0	0	0	0	0	0	
40700	Syncrepha Bonsdville	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	1.36	1.36	1.36	1.36	0	0	0	0	0	0	0	
40718	RI_30 RE Growth PV_1378 Snake Hill Rd_Gloster	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40732	Three Corners Solar	Generator	8503	Maine	ME	ME	Existing	77.1	77.1	77.1	77.1	0	0	0	0	0	0	0	
40736	Syncrepha Billerica	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	1.6	1.6	1.6	1.6	0	0	0	0	0	0	0	
40744	RI_43 RE Growth PV_582 Great Rd_North Smithfield	Generator	8500	Rest-of-Pool	RI	RI	Existing	0	0	0	0	0	0	0	0	0	0	0	
40746	Syncrepha Hancock I	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.8	0.8	0.8	0.8	0	0	0	0	0	0	0	
40747	Syncrepha Solid Project	Generator	8500	Rest-of-Pool	RI	RI	Existing	6.773	6.773	6.773	6.773	0	0	0	0	0	0	0	
40749	Syncrepha Hancock II	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.8	0.8	0.8	0.8	0	0	0	0	0	0	0	
40751	Syncrepha Hancock III	Generator	8500	Rest-of-Pool	MA	WCMa	Existing	0.4	0.4	0.4	0.4	0	0	0	0	0	0	0	
40765	CVEC EDGARTOWN - 1886	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.416	0.416	0.416	0.416	0	0	0	0	0	0	0	
40766	CVEC BARNSTABLE FIRE 2423	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.155	0.155	0.155	0.155	0	0	0	0	0	0	0	
40767	CVEC HIGH SCHOOL 2175 2173	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.439	0.439	0.439	0.439	0	0	0	0	0	0	0	
40768	CVEC EASTHAM 1915	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.18	0.18	0.18	0.18	0	0	0	0	0	0	0	
40769	CVEC MARGUERITE SMALL SCHOOL 2168	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.33	0.33	0.33	0.33	0	0	0	0	0	0	0	
40770	CVEC MARSTON MILLS 1964 1965	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1.499	1.499	1.499	1.499	0	0	0	0	0	0	0	
40771	CVEC WEST TISBURY 2189	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.182	0.182	0.182	0.182	0	0	0	0	0	0	0	
40772	CVEC VINEYARD HAVEN 1923	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.435	0.435	0.435	0.435	0	0	0	0	0	0	0	
40773	CVEC ORLEANS 2217	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.189	0.189	0.189	0.189	0	0	0	0	0	0	0	
40774	CVEC HYANNIS 2118	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	2.294	2.294	2.294	2.294	0	0	0	0	0	0	0	
40775	CVEC CHATHAM 1911	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.642	0.642	0.642	0.642	0	0	0	0	0	0	0	
40776	CVEC BREWSTER 1912	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.464	0.464	0.464	0.464	0	0	0	0	0	0	0	
40777	CVEC HARWICH - 1913	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1.737	1.737	1.737	1.737	0	0	0	0	0	0	0	
40778	CVEC EDGARTOWN - 1887	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.439	0.439	0.439	0.439	0	0	0	0	0	0	0	
40779	Springfield_DR	Demand	8500	Rest-of-Pool	MA	WCMa	Existing	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	2.16	
40783	CT RESI On-Peak	Demand	8500	Rest-of-Pool	CT	CT	Existing	41	41	41	41	41	0	0	0	0	41	41	41
40786	Cambridge Park Solar	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	0.176	0.176	0.176	0.176	0	0	0	0	0	0	0	
40789	Maxwell Green Solar	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	0.104	0.104	0.104	0.104	0	0	0	0	0	0	0	
40796	Charles Moore Arena	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.12	0.12	0.12	0.12	0	0	0	0	0	0	0	
40797	Holliston Field 2	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.12	0.12	0.12	0.12	0	0	0	0	0	0	0	
40800	Hayden Rowe Solar Farm	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.101	0.101	0.101	0.101	0	0	0	0	0	0	0	
40804	NH-LR	Demand	8505	Northern New England	NH	NH	Existing	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	
40815	SR Aggregation MA 11	Demand	8500	Rest-of-Pool	MA	NEMA	Existing	2.354	2.354	2.354	2.354	2.354	2.354	2.354	2.354	2.354	2.354	2.354	
40817	SR Aggregation MA 13	Demand	8500	Rest-of-Pool	MA	NEMA	Existing	2.927	2.927	2.927	2.927	2.927	2.927	2.927	2.927	2.927	2.927	2.927	
40822	SR Aggregation RI 19	Demand	8500	Rest-of-Pool	RI	RI	Existing	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	
40837	ADCR_11318_Boston (7507)	Demand	8500	Rest-of-Pool	MA	NEMA	Existing	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	
40843	ADCR_51405_Boston (7507)	Demand	8500	Rest-of-Pool	MA	NEMA	Existing	15.391	15.391	15.391	15.391	15.391	15.391	15.391	15.391	15.391	15.391	15.391	
40845	ADCR_51405_Western MA (7517)	Demand	8500	Rest-of-Pool	MA	WCMa	Existing	1.296	1.296	1.296	1.296	1.296	1.296	1.296	1.296	1.296	1.296	1.296	
40846	ADCR_87147_Bangor Hydro (7504)	Demand	8503	Maine	ME	ME	Existing	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	2.43	
40847	ADCR_87147_Boston (7507)	Demand	8500	Rest-of-Pool	MA	NEMA	Existing	18.71	18.71	18.71									

ID	Name	Type	Capacity Zone ID	Capacity Zone Name	State	Load Zone	Status	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28	Feb-28	Mar-28	Apr-28	May-28
40848	ADCR_87147_Central MA (7515)	Demand	8500	Rest-of-Pool	MA	WCMA	Existing	16.427	16.427	16.427	16.427	16.427	16.427	16.427	16.427	16.427	16.427	16.427	
40849	ADCR_87147_Eastern CT (7500)	Demand	8500	Rest-of-Pool	CT	CT	Existing	25.639	25.639	25.639	25.639	25.639	25.639	25.639	25.639	25.639	25.639	25.639	
40850	ADCR_87147_Lower SEMA (7511)	Demand	8500	Rest-of-Pool	MA	SEMA	Existing	3.874	3.874	3.874	3.874	3.874	3.874	3.874	3.874	3.874	3.874	3.874	
40851	ADCR_87147_Maine (7505)	Demand	8503	Maine	ME	ME	Existing	45.299	45.299	45.299	45.299	45.299	45.299	45.299	45.299	45.299	45.299	45.299	
40852	ADCR_87147_New Hampshire (7509)	Demand	8505	Northern New England	NH	NH	Existing	15.877	15.877	15.877	15.877	15.877	15.877	15.877	15.877	15.877	15.877	15.877	
40853	ADCR_87147_North Shore (7508)	Demand	8500	Rest-of-Pool	MA	NEMA	Existing	5.033	5.033	5.033	5.033	5.033	5.033	5.033	5.033	5.033	5.033	5.033	
40854	ADCR_87147_Northern CT (7501)	Demand	8500	Rest-of-Pool	CT	CT	Existing	25.25	25.25	25.25	25.25	25.25	25.25	25.25	25.25	25.25	25.25	25.25	
40855	ADCR_87147_Northwest Vermont (7513)	Demand	8505	Northern New England	VT	VT	Existing	22.722	22.722	22.722	22.722	22.722	22.722	22.722	22.722	22.722	22.722	22.722	
40856	ADCR_87147_Norwalk - Stamford (7502)	Demand	8500	Rest-of-Pool	CT	CT	Existing	3.078	3.078	3.078	3.078	3.078	3.078	3.078	3.078	3.078	3.078	3.078	
40857	ADCR_87147_Portland Maine (7506)	Demand	8503	Maine	ME	ME	Existing	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	2.11	
40858	ADCR_87147_Rhode Island (7518)	Demand	8500	Rest-of-Pool	RI	RI	Existing	16.542	16.542	16.542	16.542	16.542	16.542	16.542	16.542	16.542	16.542	16.542	
40859	ADCR_87147_SEMA (7512)	Demand	8500	Rest-of-Pool	MA	SEMA	Existing	13.889	13.889	13.889	13.889	13.889	13.889	13.889	13.889	13.889	13.889	13.889	
40860	ADCR_87147_Sea coast (7510)	Demand	8505	Northern New England	NH	NH	Existing	3.169	3.169	3.169	3.169	3.169	3.169	3.169	3.169	3.169	3.169	3.169	
40861	ADCR_87147_Springfield MA (7516)	Demand	8500	Rest-of-Pool	MA	WCMA	Existing	9.386	9.386	9.386	9.386	9.386	9.386	9.386	9.386	9.386	9.386	9.386	
40862	ADCR_87147_Vermont (7514)	Demand	8505	Northern New England	VT	VT	Existing	3.927	3.927	3.927	3.927	3.927	3.927	3.927	3.927	3.927	3.927	3.927	
40863	ADCR_87147_Western CT (7503)	Demand	8500	Rest-of-Pool	CT	CT	Existing	22.952	22.952	22.952	22.952	22.952	22.952	22.952	22.952	22.952	22.952	22.952	
40864	ADCR_87147_Western MA (7517)	Demand	8500	Rest-of-Pool	MA	WCMA	Existing	16.061	16.061	16.061	16.061	16.061	16.061	16.061	16.061	16.061	16.061	16.061	
40865	CT East	Demand	8500	Rest-of-Pool	CT	CT	Existing	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	1.35	
40866	CT North	Demand	8500	Rest-of-Pool	CT	CT	Existing	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	
40868	NEMA Boston	Demand	8500	Rest-of-Pool	MA	NEMA	Existing	9.683	9.683	9.683	9.683	9.683	9.683	9.683	9.683	9.683	9.683	9.683	
40869	NEMA NS	Demand	8500	Rest-of-Pool	MA	NEMA	Existing	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	
40870	RI_1 ADCR	Demand	8500	Rest-of-Pool	RI	RI	Existing	0.745	0.745	0.745	0.745	0.745	0.745	0.745	0.745	0.745	0.745	0.745	
40871	SEMA_1 ADCR	Demand	8500	Rest-of-Pool	MA	SEMA	Existing	4.397	4.397	4.397	4.397	4.397	4.397	4.397	4.397	4.397	4.397	4.397	
40872	WCMA Central Mass	Demand	8500	Rest-of-Pool	MA	WCMA	Existing	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	0.734	
40869	RoxWind	Generator	8503	Maine	ME	ME	Existing	2.481	2.481	2.481	2.481	2.481	2.481	2.481	2.481	2.481	2.481	2.481	
40896	BWC French River Solar, LLC	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	5.433	5.433	5.433	0	0	0	0	0	0	0	0	
40901	Western MA	Demand	8500	Rest-of-Pool	MA	WCMA	Existing	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	3.24	
40905	Rumford BESS	Generator	8503	Maine	ME	ME	Existing	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	
40915	Medway Grid, LLC	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	250	250	250	250	250	250	250	250	250	250	250	
40919	Resource Cross Town	Generator	8503	Maine	ME	ME	Existing	175	175	175	175	175	175	175	175	175	175	175	
40923	ENA Cranberry Road PV	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.561	0.561	0.561	0	0	0	0	0	0	0	0	
40925	ENA Grove St PV	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1.845	1.845	1.845	0	0	0	0	0	0	0	0	
40928	ENA Old Falmouth Road PV	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	2.297	2.297	2.297	0	0	0	0	0	0	0	0	
40933	O462 - Huxley - PV+BESS	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1.754	1.754	1.754	1.754	1.754	1.754	1.754	1.754	1.754	1.754	1.754	
40934	ENA Cranberry Rd Storage	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586	0.586	
40936	ENA Grove Street Storage	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	3.153	3.153	3.153	3.153	3.153	3.153	3.153	3.153	3.153	3.153	3.153	
40939	ENA Old Falmouth Road Storage	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1.939	1.939	1.939	1.939	1.939	1.939	1.939	1.939	1.939	1.939	1.939	
40947	BigelowRwl Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	0.97	
40948	Plainfield_Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.99	0.99	0.99	0	0	0	0	0	0	0	0	
40949	0008 - Wales - PV+BESS	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1.425	1.425	1.425	1.425	1.425	1.425	1.425	1.425	1.425	1.425	1.425	
40950	Hadley_North_Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1.756	1.756	1.756	1	1	1	1	1	1	1	1	
40951	Hadley_South_Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1.87	1.87	1.87	1	1	1	1	1	1	1	1	
40952	Montague Road Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	3	3	3	3	3	2.002	2.002	2.002	2.002	2.002	2.002	
40960	0008 - Fitchburg - PV+BESS	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	3.948	3.948	3.948	2	2	2	2	2	2	2	2	
40964	0008 - Palmer - PV+BESS	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	2.375	2.375	2.375	2.375	2.375	2.375	2.375	2.375	2.375	2.375	2.375	
40970	0008 - Granby - PV+BESS	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	
40996	MA_12_2 PV_183 PROVIDENCE ST_UXBRIDGE	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	
41001	Spring Street Renewables	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	4.99	4.99	4.99	3	3	3	3	3	3	3	3	
41002	MA_13_2 PV_18 PV_109 E_HILL RD_CHARLTON	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	
41003	MA_16_2 PV_109 E_HILL RD_MONSON	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	
41006	Synchrapha Westminster - Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	2.004	2.004	2.004	0	0	0	0	0	0	0	0	
41007	Synchrapha Westminster - Battery	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	2.976	2.976	2.976	2.976	2.976	2.976	2.976	2.976	2.976	2.976	2.976	
41008	Synchrapha Halfax - Solar	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.12	0.12	0.12	0	0	0	0	0	0	0	0	
41009	Synchrapha Halfax - Battery	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	1.55	
41021	0008 - Sutton - PV+BESS	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	
41025	Douglas PV	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	4.98	4.98	4.98	3	3	3	3	3	3	3	3	
41029	Ludlow PV	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	2.772	2.772	2.772	2.49	2.49	2.49	2.49	2.49	2.49	2.49	2.49	
41030	Rehoboth PV	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	3.029	3.029	3.029	2	2	2	2	2	2	2	2	
41032	MA_13_9 PV_297 PV_1-3 WALKER DR_UPTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	
41035	MA_285_1 PV_48 PAXTON RD_SPENCER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	
41036	MA_332_0_333 PV_0 QUABOG ST_BROOKFIELD	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	
41037	MA_18_2 PV_0 GRIFFIN RD_CHARLTON	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	
41038	MA_299_05 PV_0 LUNENBURG RD_LANCASTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	
41040	MA_19_95 PV_0 OAKHURST RD_SUTTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	
41041	MA_32_1 PV_307 DUDLEY_RIVER_RD_SOUTHBIDGE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0							

ID	Name	Type	Capacity Zone ID	Capacity Zone Name	State	Load Zone	Status	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28	Feb-28	Mar-28	Apr-28	May-28
41062	MA_59_0.984_PV_982 PLEASANT ST LEOMINSTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41063	MA_69_0.866_PV_57 BRIGHAM ST WESTBOROUGH	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41064	MA_75_0.743_PV_38 CAPE RD MENDON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41078	MA_77_0.455_PV_5567R ATHOL RD ATHOL	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41080	MA_78_0.576_PV_0 PETERSHAM RD NEW SALEM	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41081	MA_80_0.5_PV_36 STOCKBRIDGE RD W STOCKBRIDGE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41082	MA_122_0.419_PV_600 LONGWATER DR NORWELL	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41083	MA_22_1.67_PV_60 MARTIN ST REHOBOTH	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41084	MA_90_0.499_PV_1940 BARRE RD NEW BRAINTREE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41085	MA_114_0.4_PV_55 DUDLEY OXFORD RD DUDLEY	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41086	MA_336_1.98_PV_28 CURTIS HILL RD CHARLTON	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41087	MA_341_0.495_PV_20 CLAPP ST NORTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41088	MA_342_0.495_PV_36 CLAPP ST NORTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41089	MA_347_0.48_PV_51 SEARS RD SOUTHBOROUGH	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41090	MA_353_1_PV_197 PROVIDENCE ST UXBURG	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41091	MA_361_0.75_PV_0 FAIRLEE LN NORTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41092	MA_362_0.75_PV_0 FAIRLEE LN NORTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41093	MA_442_0.5_PV_0 FAIRLEE LN NORTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41097	SynCarpha Millbury - Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1.012	1.012	1.012	1.012	0	0	0	0	0	0	0	0
41098	SynCarpha Millbury - Battery	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	3.968	3.968	3.968	3.968	3.968	3.968	3.968	3.968	3.968	3.968	3.968	
41100	WCMA Storage	Demand	8500	Rest-of-Pool	MA	WCMA	Existing	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	
41104	MA_21_1.725_PV_139 SHUMAN AV STOUGHTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41105	MA_3_439_PV_14 BELCHER ST PLAINVILLE	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41107	MA_61_0.972_PV_0 STATE RD PHILIPSTON	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41108	MA_88_0.499_PV_100 WARE ST PALMER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41110	MA_94_0.499_PV_22 SUNSET LN SPENCER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41111	MA_95_0.499_PV_22 SUNSET LN SPENCER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41112	MA_108_0.48_PV_51 ELLIS RD WESTMINSTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41113	MA_201_1.656_PV_788 WOOD ST SWANSEA	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41117	MA_14_2_PV_81 N LIBERTY ST BELCHERTOWN	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41120	MA_110_0.48_PV_107 NEW-BRAINTREE RD N BROOKFIELD	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41121	MA_109_0.49_PV_771 S BARRE DR BARRE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41123	MA_131_0.3663_PV_47 SUMMER ST MILFORD	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41125	MA_15_2_PV_270 FRANKLIN ST BELCHERTOWN	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41126	MA_30_1_PV_225 OLD-SPRINGFIELD RD BELCHERTOWN	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41128	MA_31_1_PV_36 MILFORD ST MENDON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41129	MA_33_1_PV_223 S ASHBURNHAM RD WESTMINSTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41130	MA_89_0.499_PV_61 STONY HILL RD HAMDEN	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41131	MA_91_0.499_PV_223 S ASHBURNHAM RD WESTMINSTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41132	MA_103_0.494_PV_95 OLD-RIVER RD ANDOVER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41134	MA_140_0.27_PV_58 NORFOLK AV SOUTH EASTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41135	MA_225_1.123_PV_0 ADIRONDACK LN WESTPORT	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41136	MA_226_1.5_PV_0 ADIRONDACK LN WESTPORT	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41139	MA_288_4.68_PV_67 PLEASANTDALE RD RUTLAND	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41140	MA_290_1_PV_394 PLEASANTDALE RD RUTLAND	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41141	MA_305_0.95_PV_0 BAY-PATH RD CHARLTON	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41142	MA_105_0.48_PV_55 DUDLEY OXFORD RD DUDLEY	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41143	MA_306_0.95_PV_0 BAY-PATH RD CHARLTON	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41144	MA_310_1_PV_0 FARLEY RD DUDLEY	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41145	MA_337_1_PV_800 SPRING ST WINCHENDON	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41146	MA_101_0.5_PV_55 DUDLEY OXFORD RD DUDLEY	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41147	MA_339_1_PV_0 HILL ST NORTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41148	MA_349_0.741_PV_53 OTIS ST WESTBOROUGH	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41149	MA_113_0.476_PV_1788 G-A-R-H SWANSEA	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41150	MA_354_0.49_PV_142 WEST ST HOPEDALE	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41151	MA_355_0.266_PV_1 KENWOOD CI FRANKLIN	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41152	MA_378_2_PV_0 BRODIE-MOUNTAIN RD HANCOCK	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41153	MA_134_0.311_PV_1066 TEMPLETON RD ATHOL	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41154	MA_385_2.55_PV_0 PETERSON ST PALMER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41155	Plainfield, Storage	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1	1	1	1	1	1	1	1	1	1	1	1
41159	MA_202_0.48_PV_719 GUELPHWOOD RD SOUTHBRIDGE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41160	MA_296_3_PV_267 BROCKELMAN RD LANCASTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41162	SynCarpha Northampton - Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.619	0.619	0.619	0.619	0	0	0	0	0	0	0	0
41164	MA_308_2_PV_49 STAFFORD ST LEICESTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41173	MA_312_0.48_PV_720 GUELPHWOOD RD SOUTHBRIDGE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41174	MA_313_0.48_PV_721 GUELPHWOOD RD SOUTHBRIDGE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41175	MA_314_0.48_PV_722 GUELPHWOOD RD SOUTHBRIDGE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41176	SynCarpha Northampton - Battery	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.889	0.889	0.889	0.889	0.889	0.889	0.889	0.889	0.889	0.889	0.889	
41177	SynCarpha Northbridge 1 - Solar	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1.04	1.04	1.04	1.04	0	0	0	0	0	0	0	0
41179	SynCarpha Northbridge 1 - Battery	Generator	8500																

ID	Name	Type	Capacity Zone ID	Capacity Zone Name	State	Load Zone	Status	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28	Feb-28	Mar-28	Apr-28	May-28
41306	Happy Hollow Road Solar 1 (ESS)	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2	3.2
41309	MA_4.495 PV_311 EMERY ST PALMER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41311	MA_68.09 PV_500 DUNSTABLE RD_TYNGSBORO	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41312	Happy Hollow Road Solar 1 (PV)	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1.75	1.75	1.75	1.75	0	0	0	0	0	0	0	0
41313	MA_70.099 PV_194 BERKSHIRE TR E_GOSHEN	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41314	Kear - S Martin PV	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	1.667	1.667	1.667	1.667	0	0	0	0	0	0	0	0
41315	Kear - S Martin rd Storage	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	1.491	1.491	1.491	1.491	1.491	1.491	1.491	1.491	1.491	1.491	1.491	1.491
41316	MA_356.0495 PV_370 PATRIOT PL_FOXBORO	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41317	MA_359.2_234 PV_234 THATCHER ST_E BRIDGEWATER	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41318	MA_360.075 PV_0 FAIRLEE LN_NORTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41319	MA_365.2 PV_880 BEACH ST_ROCKLAND	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41320	MA_399.2 PV_105 NORTH ST_PALMER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41321	MA_401.08 PV_750 S BARRE RD_BARRE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41322	MA_405.1 PV_702 S MAIN ST_ORANGE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41324	MA_406.2 PV_702 S MAIN ST_ORANGE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41326	MA_411.04995 PV_650 W CROSS RD_CLARKSBURG	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41328	MA_375.03 PV_454 S MAIN ST_W BRIDGEWATER	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41329	MA_413.0499 PV_926 N STATE RD_CHESHIRE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41330	MA_414.1 PV_300 EAST RD_ADAMS	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41332	MA_379.0936 PV_33 GILBERTVILLE RD_WARE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41333	MA_415.0999 PV_76 E STAHL RD_ASHEY FALLS	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41334	MA_384.3 PV_2189 BAPTIST-HILL RD_PALMER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41335	MA_418.0499 PV_49 LIME-KILN RD_SHEFFIELD	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41336	MA_386.0496 PV_0 TINKHAM RD_WILBRAHAM	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41337	MA_391.096 PV_70 WARE RD_WEST WARREN	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41338	MA_422.5 PV_293 PARK ST_HOUSATONIC	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41339	MA_52.099 PV_189 MENDON ST_UXBRIDGE	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41340	MA_393_1 PV_414 LITTLE-REST RD_WARREN	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41341	MA_422.06 PV_100 SIMPLEX DR_WESTMINSTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41342	MA_96.0499 PV_0 THEODORE DR_WESTMINSTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41343	MA_97.0499 PV_0 THEODORE DR_WESTMINSTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41345	MA_433.0499 PV_105 HILDALE AV_HAVERHILL	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41346	MA_443_1 PV_72 W DUDLEY RD_DUDLEY	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41347	MA_301_2 PV_0 SHIRLEY RD_LANCASTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41348	MA_302_1.5 PV_169 LEOMINSTER RD_SHIRLEY	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41349	MA_322_1 PV_1 HARE RD_STURBRIDGE	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41350	MA_8_372 PV_0 THATCHER ST_BROCKTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41351	MA_330_1.4 PV_175-185 E MAIN RD_W BROWFIELD	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41352	MA_340_3.334 PV_280 SUMMER ST_Rehoboth	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41353	MA_331.08 PV_94 JOHN_GILBERT RD_W BROADFIELD	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41354	MA_333_0.8 PV_38 MADBROOK RD_N BROOKFIELD	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41355	MA_83_0.499 PV_1401 WILLIAMS ST_DIGHTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41356	MA_297.495 PV_125 STILL-RIVER RD_BOLTON	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41357	MA_98_0.499 PV_0 THEODORE DR_WESTMINSTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41358	MA_99_0.5 PV_55 W DUDLEY RD_DUDLEY	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41359	MA_303_2.5 PV_0 SHIRLEY RD_LANCASTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41360	MA_304_2.75 PV_51 FEDERAL HILL RD_OXFORD	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41361	MA_213_0.999 PV_6 MCNEIL HW_LEICESTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41363	MA_311_2.3 PV_23 CUDWORTH RD_WEBSTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41364	MA_222_0.498 PV_26 THEODORE DR_WESTMINSTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41366	MA_286_1 PV_19 WOODCHUCK LN_SPENCER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41367	MA_346_1.82 PV_120 South Street_WESTBOROUGH	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41368	MA_292_1.296 PV_100 ADAMS RD_CLINTON	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41370	MA_343_0.5 PV_247 BAKER RD_SWANSEA	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41371	MA_344_3.12 PV_2729 ELM ST_DIGHTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41372	MA_346_0.65 PV_0 SCHOOL ST_SOUTHBOURGH	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41374	MA_350_1.91 PV_116 Milford Road_South Grafton	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41376	MA_351_3 PV_436 NE MAIN ST_DOUGLAS	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41377	Norfolk Walpole Cogeneration 1&2	Demand	8500	Rest-of-Pool	MA	SEMA	Existing	1.066	1.066	1.066	1.066	1.066	1.066	1.066	1.066	1.066	1.066	1.066	1.066
41378	MA_376_1.5 PV_280 DRIFTWAY_SCITUATE	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41380	MA_377_1.5 PV_280 DRIFTWAY_SCITUATE	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41383	MA_396_1 PV_203 STATE ST_PALMER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41384	MA_397_1 PV_203 STATE ST_PALMER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41385	MA_398_1 PV_203 STATE ST_PALMER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41387	MA_427_1.31101 PV_1020 WESTFORD ST_LOVELL	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41389	MA_435_1.8 PV_100 DANTON DR_METHUEN	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41393	MA_441_0.26 PV_360 LYNN-FELLS PK_MELROSE	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41395	MA_281_4.883 PV_370 Auburn St LEICESTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41406	Rear Somers PV	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	2.277	2.277	2.277	2.277	2.277	2.277	2.277	2.277	2.277	2.277	2.277	2.277
41407	Nugen PV - East Greenwich, RI 1	Generator	8500	Rest-of-Pool	RI	RI													

ID	Name	Type	Capacity Zone ID	Capacity Zone Name	State	Load Zone	Status	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28	Feb-28	Mar-28	Apr-28	May-28
41424	MA_430_0.308_PV_500_PRINCETON_WA_WESTFORD	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41425	MA_439_2.85_PV_200_IRON-HORSE_PA_BILLERICA	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41427	MA_285_0.499_PV_1A_BOUTLIER_RD_LEICESTER	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41429	MA_366_0.322_PV_146_CAMPANELLI_PK_STOUGHTON	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41430	MA_387_1.9_PV_547_LITTLE-REST_RD_WARREN	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41434	MA_116_0.45_PV_891_MONAHAN_DR_UXBRIDGE	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41435	MA_371_2.4_PV_174_HOBOMOCK_ST_PEMBROKE	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41436	MA_372_2.492_PV_0_MONPONSETT_ST_HALFAX	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41438	MA_2_4.968_PV_0_WILLOW_AV_HAVERHILL	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41476	MA_394_2_PV_205_STURBRIDGE_RD_BRIMFIELD	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0	0	0	0	0	0	0	0	0	0	0	0
41516	WODS	Generator	8500	Rest-of-Pool	CT	CT	Existing	8.834	8.834	8.834	8.834	0	0	0	0	0	0	0	0
41519	Altus New Marlborough	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1	1	1	1	1	1	1	1	1	1	1	1
41535	FGE Solarway Capacity	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.072	0.072	0.072	0.072	0	0	0	0	0	0	0	0
41536	Kearnsarge Kenyon Woods	Generator	8500	Rest-of-Pool	RI	RI	Existing	1.61	1.61	1.61	1.61	0	0	0	0	0	0	0	0
41539	Kearnsarge Westerly	Generator	8500	Rest-of-Pool	RI	RI	Existing	2.073	2.073	2.073	2.073	0	0	0	0	0	0	0	0
41540	Kearnsarge Tiverton	Generator	8500	Rest-of-Pool	RI	RI	Existing	1.058	1.058	1.058	1.058	0	0	0	0	0	0	0	0
41546	Kearnsarge Upper Union ESS	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
41547	Kearnsarge Montague BD PV	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1.213	1.213	1.213	1.213	0	0	0	0	0	0	0	0
41548	Kearnsarge Montague BD ESS	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1.253	1.253	1.253	1.253	1.253	1.253	1.253	1.253	1.253	1.253	1.253	
41549	Kearnsarge Haverhill PV	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	1.414	1.414	1.414	1.414	0	0	0	0	0	0	0	0
41550	Kearnsarge Haverhill ESS	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	2	2	2	2	2	2	2	2	2	2	2	2
41551	Kearnsarge William Way PV	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	2.332	2.332	2.332	2.332	0	0	0	0	0	0	0	0
41552	Kearnsarge William Way ESS	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55	2.55
41555	Alton Bradford Road Solar	Generator	8500	Rest-of-Pool	RI	RI	Existing	5.141	5.141	5.141	5.141	0	0	0	0	0	0	0	0
41557	Hope Farm Solar	Generator	8500	Rest-of-Pool	RI	RI	Existing	4.362	4.362	4.362	4.362	0	0	0	0	0	0	0	0
41563	Gravel Pit Solar 1	Generator	8500	Rest-of-Pool	CT	CT	Existing	48	48	48	48	0	0	0	0	0	0	0	0
41566	Great Lakes Millinocket	Generator	8503	Maine	ME	ME	Existing	20	20	20	20	20	20	20	20	20	20	20	
41593	Berkshire Wind Phase 2	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.545	0.545	0.545	0.545	2.175	2.175	2.175	2.175	2.175	2.175	2.175	2.175
44103	Breckenridge	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	2.208	2.208	2.208	2.208	2.208	2.208	2.208	2.208	2.208	2.208	2.208	
44104	Williamsville	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	3.25	
44110	0008 - Clark - PV+BESS	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	
44111	0008 - Brockelman - PV+BESS	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.941	0.941	0.941	0.941	0.941	0.941	0.941	0.941	0.941	0.941	0.941	
44115	Luenenburg Solar [Elec]	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	0.999	
44116	NuGen PV - Bristol Landfill, RI	Generator	8500	Rest-of-Pool	RI	RI	Existing	1.992	1.992	1.992	1.992	0	0	0	0	0	0	0	0
44119	Wendell Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	2.791	2.791	2.791	2.791	2	2	2	2	2	2	2	2
44127	Northbridge Solar [McQuade]	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	2.93	2.93	2.93	2.93	2	2	2	2	2	2	2	2
44128	0008 - Conway - PV+BESS	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	
44140	Diefield Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	2.151	2.151	2.151	2.151	1.254	1.254	1.254	1.254	1.254	1.254	1.254	1.254
44173	S.V. - CT Solar DG Aggregation	Demand	8500	Rest-of-Pool	CT	CT	Existing	2	2	2	2	2	0	0	0	0	2	2	2
44174	Heron Crossing Solar	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	2	2	2	2	1	1	1	1	1	1	1	1
44192	Boxborough ESS	Demand	8505	Northern New England	NH	NH	Existing	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	0.672	
44197	0721 - Bowden - PV	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	0.744	0.744	0.744	0	0	0	0	0	0	0	0	0
44198	Revolution Wind	Generator	8500	Rest-of-Pool	RI	RI	Existing	68.601	68.601	68.601	68.601	149.862	149.862	149.862	149.862	149.862	149.862	149.862	149.862
44202	NPVA-CMR (12450)	Import	8500	Rest-of-Pool			Existing	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
44209	Kearnsarge East Providence	Generator	8500	Rest-of-Pool	RI	RI	Existing	1.008	1.008	1.008	1.008	0	0	0	0	0	0	0	0
44210	Kearnsarge Burrillville	Generator	8500	Rest-of-Pool	RI	RI	Existing	2.104	2.104	2.104	2.104	0	0	0	0	0	0	0	0
44211	Kearnsarge Portsmouth	Generator	8500	Rest-of-Pool	RI	RI	Existing	2.822	2.822	2.822	2.822	0	0	0	0	0	0	0	0
44212	Kearnsarge Richmond	Generator	8500	Rest-of-Pool	RI	RI	Existing	1.63	1.63	1.63	1.63	0	0	0	0	0	0	0	0
44213	Kearnsarge Smithfield	Generator	8500	Rest-of-Pool	RI	RI	Existing	4.714	4.714	4.714	4.714	0	0	0	0	0	0	0	0
44214	Kearnsarge URI Parking	Generator	8500	Rest-of-Pool	RI	RI	Existing	0.632	0.632	0.632	0.632	0	0	0	0	0	0	0	0
44219	2020A Ludlow Solar	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	1.735	1.735	1.735	1.735	0	0	0	0	0	0	0	0
44227	Kearnsarge Beverly HS PV	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	0.996	0.996	0.996	0.996	0	0	0	0	0	0	0	0
44228	Kearnsarge Beverly HS ESS	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
44231	Kearnsarge Upper Union PV1	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.591	0.591	0.591	0.591	0	0	0	0	0	0	0	0
44232	0017 - Rochester Rd (Carver 1) - PV+BESS	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1	1	1	1	1	1	1	1	1	1	1	1
44233	0017 - Tremont (Carver 1) - PV+BESS	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	1.998	1.998	1.998	1.998	1.998	1.998	1.998	1.998	1.998	1.998	1.998	
44234	E.Granercy	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	0.321	0.321	0.321	0.321	0.321	0.321	0.321	0.321	0.321	0.321	0.321	
44237	Niagara and St. Lawrence (12451)	Import	8500	Rest-of-Pool			Existing	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
44239	H Holliston	Generator	8500	Rest-of-Pool	MA	NEMA	Existing	4.999	4.999	4.999	4.999	4.999	4.999	4.999	4.999	4.999	4.999	4.999	
44242	S Lake	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
44248	0729 - Ring Road - PV + BESS	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	2	2	2	2	2	2	2	2	2	2	2	2
44249	ZP-373	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	9.892	9.892	9.892	9.892	9.892	9.892	9.892	9.892	9.892	9.892	9.892	
44251	ZP-48	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	4.889	4.889	4.889	4.889	4.889	4.889	4.889	4.889	4.889	4.889	4.889	
44252	ZP-385	Generator	8500	Rest-of-Pool	MA	WCMA	Existing	4.899	4.899	4.899	4.899	4.899	4.899	4.899	4.899	4.899	4.899	4.899	
44256	0711 - Westerly - PV	Generator	8500	Rest-of-Pool	RI	RI	Existing	2.606	2.606	2.606	2.606	0	0	0	0	0	0	0	0
44262	Grasshopper 142 Blackstone	Generator	8500	Rest-of-Pool	MA	SEMA	Existing	2.462	2.462	2.462	2.462	2.462	2.462	2.462	2.462	2.462	2.462	2.462	
44266	0771 - Emery - PV	Generator	8503	Maine	ME	ME	Existing	9.57	9.57	9.57	9.57	0	0	0	0	0	0	0	0
44267	A_North Brookfield	Generator	8500																

ID	Name	Type	Capacity Zone ID	Capacity Zone Name	State	Load Zone	Status	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28	Feb-28	Mar-28	Apr-28	May-28
44173	S.V. - CT Solar DG Aggregation	Demand	8500	Rest-of-Pool	CT	CT	New	1.61	1.61	1.61	1.61	1.61	0	0	0	0	1.61	1.61	
44198	Revolution Wind	Generator	8500	Rest-of-Pool	RI	RI	New	134.299	134.299	134.299	315.838	315.838	315.838	315.838	315.838	315.838	315.838	315.838	
44234	E.Gramercy	Generator	8500	Rest-of-Pool	MA	SEMA	New	0.679	0.679	0.679	0.679	0.679	0.679	0.679	0.679	0.679	0.679	0.679	
44233	Buck Pond Battery Energy Storage	Generator	8500	Rest-of-Pool	MA	WCMA	New	200	200	200	200	200	200	200	200	200	200	200	
44391	Milford Battery Energy Storage	Generator	8500	Rest-of-Pool	CT	CT	New	0	0	0	0	0	0	0	0	0	0	0	
44432	A.Orchards	Generator	8500	Rest-of-Pool	MA	WCMA	New	2.918	2.918	2.918	2.283	2.283	2.283	2.283	2.283	2.283	2.283	2.283	
44459	Pleasant	Generator	8500	Rest-of-Pool	MA	WCMA	New	1.597	1.597	1.597	1.597	1.597	1.597	1.597	1.597	1.597	1.597	1.597	
44508	Cart Street Generating	Import	8500	Rest-of-Pool			New	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	
44511	Erie Boulevard HYDRO Import	Import	8500	Rest-of-Pool			New	0	0	0	0	0	0	0	0	0	0	0	
44513	HQ_HG_Summer	Import	8505	Northern New England			New	18.173	18.173	18.173	0	0	0	0	0	0	0	0	
44517	HQ_NY_Summer	Import	8500	Rest-of-Pool			New	38.686	38.686	38.686	0	0	0	0	0	0	0	0	
44519	HQ_PII_Summer	Import	8500	Rest-of-Pool			New	253.776	253.776	253.776	0	0	0	0	0	0	0	0	
44526	NY Resource_06	Import	8500	Rest-of-Pool			New	0	0	0	0	0	0	0	0	0	0	0	
44527	NY Resource_07	Import	8500	Rest-of-Pool			New	0	0	0	0	0	0	0	0	0	0	0	
44533	New Brunswick, Control Area Backed	Import	8503	Maine			New	70	70	70	70	70	70	70	70	70	70	70	
44535	Rensselaer	Import	8500	Rest-of-Pool			New	0	0	0	0	0	0	0	0	0	0	0	
44536	Roseton 1 Generating	Import	8500	Rest-of-Pool			New	0	0	0	0	0	0	0	0	0	0	0	
44537	Roseton 2 Generating	Import	8500	Rest-of-Pool			New	0	0	0	0	0	0	0	0	0	0	0	
44586	Hecate Energy Eastern Ave Energy Center	Generator	8500	Rest-of-Pool	MA	NEMA	New	250	250	250	250	250	250	250	250	250	250	250	
44638	KCE CT 7, LLC	Generator	8500	Rest-of-Pool	CT	CT	New	0	0	0	0	0	0	0	0	0	0	0	
44651	C_H Hammond	Generator	8500	Rest-of-Pool	MA	SEMA	New	3.291	3.291	3.291	3.291	3.291	3.291	3.291	3.291	3.291	3.291	3.291	
44655	Sunnova Solar WCMA	Demand	8500	Rest-of-Pool	MA	WCMA	New	15.012	15.012	15.012	15.012	15.012	15.012	0	0	0	0	15.012	
44689	0656 - Canton - BESS	Generator	8500	Rest-of-Pool	MA	SEMA	New	0	0	0	0	0	0	0	0	0	0	0	
44693	0656 - Framingham - BESS	Generator	8500	Rest-of-Pool	MA	NEMA	New	0	0	0	0	0	0	0	0	0	0	0	
44695	Sunnova Solar NEMA	Demand	8500	Rest-of-Pool	MA	NEMA	New	2.041	2.041	2.041	2.041	2.041	2.041	0	0	0	0	2.041	
44696	Sunnova ESS SEMA	Demand	8500	Rest-of-Pool	MA	SEMA	New	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	
44698	Sunnova Solar SEMA	Demand	8500	Rest-of-Pool	MA	SEMA	New	15.552	15.552	15.552	15.552	15.552	15.552	0	0	0	0	15.552	
44699	Sunnova ESS WCMA	Demand	8500	Rest-of-Pool	MA	WCMA	New	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	0.205	
44705	Sunnova Solar RI	Demand	8500	Rest-of-Pool	RI	RI	New	3.564	3.564	3.564	3.564	3.564	3.564	0	0	0	0	3.564	
44708	Mill Brook	Generator	8500	Rest-of-Pool	MA	WCMA	New	19.957	19.957	19.957	19.957	19.957	19.957	19.957	19.957	19.957	19.957	19.957	
44710	Russell	Generator	8500	Rest-of-Pool	MA	WCMA	New	2.6	2.6	2.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
44716	S Main St	Generator	8500	Rest-of-Pool	MA	SEMA	New	2.036	2.036	2.036	2.036	2.036	2.036	2.036	2.036	2.036	2.036	2.036	
44719	C_276 Federal	Generator	8500	Rest-of-Pool	MA	SEMA	New	2.172	2.172	2.172	2.172	2.172	2.172	2.172	2.172	2.172	2.172	2.172	
44721	C_196 Tremont	Generator	8500	Rest-of-Pool	MA	SEMA	New	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	0.987	
44723	C_59 Federal	Generator	8500	Rest-of-Pool	MA	SEMA	New	3.291	3.291	3.291	3.291	3.291	3.291	3.291	3.291	3.291	3.291	3.291	
44724	C_35 Ventura	Generator	8500	Rest-of-Pool	MA	SEMA	New	0.658	0.658	0.658	0.658	0.658	0.658	0.658	0.658	0.658	0.658	0.658	
44725	C_560 Faunce Corner	Generator	8500	Rest-of-Pool	MA	SEMA	New	0.658	0.658	0.658	0.658	0.658	0.658	0.658	0.658	0.658	0.658	0.658	
44731	0656 - Chicopee - BESS	Generator	8500	Rest-of-Pool	MA	WCMA	New	0	0	0	0	0	0	0	0	0	0	0	
44829	KCE CT 9, LLC	Generator	8500	Rest-of-Pool	CT	CT	New	5	5	5	5	5	5	5	5	5	5	5	
44871	NB Fuel Cells	Generator	8500	Rest-of-Pool	CT	CT	New	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	
44874	0729 - Black Cat - PV+BESS	Generator	8500	Rest-of-Pool	MA	SEMA	New	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	
44876	0714 - Buttonwoods - PV	Generator	8500	Rest-of-Pool	RI	RI	New	0.607	0.607	0.607	0.607	0	0	0	0	0	0	0	
44877	LSE Ophuchus LLC	Generator	8500	Rest-of-Pool	MA	SEMA	New	1.992	1.992	1.992	0.996	0.996	0.996	0.996	0.996	0.996	0.996	0.996	
44878	Efficiency Vermont FCA18	Demand	8505	Northern New England	VT	VT	New	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	4.32	
44879	WS BESS 1	Generator	8500	Rest-of-Pool	MA	WCMA	New	0	0	0	0	0	0	0	0	0	0	0	
44880	0714 - GW Solar - PV	Generator	8500	Rest-of-Pool	RI	RI	New	1.26	1.26	1.26	0	0	0	0	0	0	0	0	
44881	0714 - Kingstown 1 - PV	Generator	8500	Rest-of-Pool	RI	RI	New	0.639	0.639	0.639	0	0	0	0	0	0	0	0	
44882	0714 - Kingstown 2 - PV	Generator	8500	Rest-of-Pool	RI	RI	New	1.432	1.432	1.432	0	0	0	0	0	0	0	0	
44883	0714 - Victory - PV	Generator	8500	Rest-of-Pool	RI	RI	New	0.794	0.794	0.794	0	0	0	0	0	0	0	0	
44884	0656 - Lunenburg - BESS	Generator	8500	Rest-of-Pool	MA	WCMA	New	0	0	0	0	0	0	0	0	0	0	0	
44885	0755 - Acton - BESS	Generator	8500	Rest-of-Pool	MA	NEMA	New	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	
44890	0755 - Holliston - BESS	Generator	8500	Rest-of-Pool	MA	NEMA	New	0	0	0	0	0	0	0	0	0	0	0	
44897	UI Energy Efficiency FCA 18	Demand	8500	Rest-of-Pool	CT	CT	New	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	4.46	
44902	0452 - River Valley Co-op - PV+BESS	Generator	8500	Rest-of-Pool	MA	WCMA	New	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	0.228	
44903	0452 - Kendrick St - PV+BESS	Generator	8500	Rest-of-Pool	MA	NEMA	New	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	0.313	
44904	0452 - Church St - PV+BESS	Generator	8500	Rest-of-Pool	MA	SEMA	New	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	
44912	ui_nh_fca18_eecd	Demand	8505	Northern New England	NH	NH	New	0.962	0.962	0.962	0.962	0.962	0.962	0.962	0.962	0.962	0.962	0.962	
44913	LeapFCATBDZ08Active2025	Demand	8500	Rest-of-Pool	MA	WCMA	New	0	0	0	0	0	0	0	0	0	0	0	
44914	Bloom Colchester Clean Energy Project FCA 18	Generator	8500	Rest-of-Pool	CT	CT	New	0	0	0	0	0	0	0	0	0	0	0	
44916	Bluewave Sykes Palmer	Generator	8500	Rest-of-Pool	MA	WCMA	New	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	
44918	Bluewave North Dighton	Generator	8500	Rest-of-Pool	MA	SEMA	New	2	2	2	2	2	2	2	2	2	2	2	
44920	0789 - 1 Commercial - PV+BESS	Generator	8500	Rest-of-Pool	MA	SEMA	New	0.474	0.474	0.474	0.474	0.474	0.474	0.474	0.474	0.474	0.474	0.474	
44922	0789 - 5 Berry - PV+BESS	Generator	8500	Rest-of-Pool	MA	SEMA	New	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	2.85	
44929	hgrid_nema_fca18_ee	Demand	8500	Rest-of-Pool	MA	NEMA	New	3.755	3.755	3.755	3.755	3.755	3.755	3.755	3.755	3.755	3.755	3.755	
44930	hgrid_sema_fca18_ee	Demand	8500	Rest-of-Pool	MA	SEMA	New	7.688	7.688	7.688	7.688	7.688	7.688	7.688	7.688	7.688	7.688	7.688	
44931	hgrid_wcmca_fca18_ee	Demand	8500	Rest-of-Pool	MA	WCMA	New	9.282	9.282	9.282	9.282	9.282	9.282	9.282	9.282	9.282	9.282	9.282	
44933	Marlboro	Generator	8500	Rest-of-Pool	MA	SEMA	New	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938	4.938	
44935	0789 - 401 South - PV+BESS	Generator	8500	Rest-of-Pool	MA	WCMA	New	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	0.475	
44936	0789 - 969 Shawmut - PV+BESS	Generator	8500	Rest-of-Pool	MA	SEMA	New	0.238	0.238	0.238	0.238								

ID	Name	Type	Capacity Zone ID	Capacity Zone Name	State	Load Zone	Status	Jun-27	Jul-27	Aug-27	Sep-27	Oct-27	Nov-27	Dec-27	Jan-28	Feb-28	Mar-28	Apr-28	May-28
44947	O Horne Homestead Rd Charlton PV + BESS	Generator	8500	Rest-of-Pool	MA	WCMA	New	0	0	0	0	0	0	0	0	0	0	0	0
44948	1152 Main Street Northbridge PV + BESS	Generator	8500	Rest-of-Pool	MA	SEMA	New	0	0	0	0	0	0	0	0	0	0	0	0
44949	FLP Stevenson BESS	Generator	8500	Rest-of-Pool	CT	CT	New	4.999	4.999	4.999	4.999	4.999	4.999	4.999	4.999	4.999	4.999	4.999	
44950	D Cedar Road Attleboro PV + BESS	Generator	8500	Rest-of-Pool	MA	SEMA	New	0	0	0	0	0	0	0	0	0	0	0	0
44951	0711 - Coventry Landfill - PV	Generator	8500	Rest-of-Pool	RI	RI	New	2.492	2.492	2.492	0	0	0	0	0	0	0	0	0
44956	0711 - Somersworth - PV	Generator	8503	Maine	ME	ME	New	1.041	1.041	1.041	0	0	0	0	0	0	0	0	0
44984	CLC FCA18	Demand	8500	Rest-of-Pool	MA	SEMA	New	2.123	2.123	2.123	2.123	2.123	2.123	2.123	2.123	2.123	2.123	2.123	
44986	Mad River Solar	Generator	8500	Rest-of-Pool	MA	WCMA	New	31	31	31	31	31	31	31	31	31	31	31	31
44991	0446 - Westport - PV+BESS	Generator	8500	Rest-of-Pool	MA	SEMA	New	0	0	0	0	0	0	0	0	0	0	0	0
44992	NHEC Energy Efficiency	Demand	8505	Northern New England	NH	NH	New	0.261	0.261	0.261	0.261	0.261	0.261	0.261	0.261	0.261	0.261	0.261	
44998	Cronin Solar PV and Battery	Generator	8500	Rest-of-Pool	MA	WCMA	New	4.605	4.605	4.605	4.605	4.605	4.605	4.605	4.605	4.605	4.605	4.605	
44999	Frankland Road Solar	Generator	8500	Rest-of-Pool	MA	NEMA	New	4.475	4.475	4.475	4.475	4.475	4.475	4.475	4.475	4.475	4.475	4.475	
45000	NH On-Peak	Demand	8505	Northern New England	NH	NH	New	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	
45002	Utility Energy Efficiency Programs FCA 18	Demand	8500	Rest-of-Pool	MA	WCMA	New	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	0.756	
45003	UES Energy Efficiency Programs FCA 18	Demand	8505	Northern New England	NH	NH	New	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	0.27	
45004	Eversource EE NEMA FCA18	Demand	8500	Rest-of-Pool	MA	NEMA	New	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	8.64	
45005	Eversource EE SEMA FCA18	Demand	8500	Rest-of-Pool	MA	SEMA	New	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	1.08	
45006	KCE CT 11, LLC	Generator	8500	Rest-of-Pool	CT	CT	New	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	4.99	
45008	West Street Solar	Generator	8503	Maine	ME	ME	New	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	
45009	LeapCA18DZ09Active2025	Demand	8500	Rest-of-Pool	MA	WCMA	New	0	0	0	0	0	0	0	0	0	0	0	0
45010	LeapCA18DZ10Active2025	Demand	8500	Rest-of-Pool	MA	WCMA	New	0	0	0	0	0	0	0	0	0	0	0	0
45011	LeapCA18DZ11Active2025	Demand	8500	Rest-of-Pool	MA	NEMA	New	0	0	0	0	0	0	0	0	0	0	0	0
45012	LeapCA18DZ12Active2025	Demand	8500	Rest-of-Pool	MA	NEMA	New	0	0	0	0	0	0	0	0	0	0	0	0
45013	LeapCA18DZ13Active2025	Demand	8500	Rest-of-Pool	MA	NEMA	New	0	0	0	0	0	0	0	0	0	0	0	0
45014	LeapCA18DZ13Active2025	Demand	8500	Rest-of-Pool	MA	SEMA	New	0	0	0	0	0	0	0	0	0	0	0	0
45015	LeapCA18DZ14Active2025	Demand	8500	Rest-of-Pool	MA	SEMA	New	0	0	0	0	0	0	0	0	0	0	0	0
45016	LeapCA18DZ15Active2025	Demand	8500	Rest-of-Pool	CT	CT	New	0	0	0	0	0	0	0	0	0	0	0	0
45017	LeapCA18DZ16Active2025	Demand	8500	Rest-of-Pool	CT	CT	New	0	0	0	0	0	0	0	0	0	0	0	0
45018	LeapCA18DZ17Active2025	Demand	8500	Rest-of-Pool	CT	CT	New	0	0	0	0	0	0	0	0	0	0	0	0
45019	LeapFCA18DZ18Active2025	Demand	8500	Rest-of-Pool	CT	CT	New	0	0	0	0	0	0	0	0	0	0	0	0
45020	LeapCA18DZ19Active2025	Demand	8500	Rest-of-Pool	RI	RI	New	0	0	0	0	0	0	0	0	0	0	0	0
45021	FLP Shepaug Solar	Generator	8500	Rest-of-Pool	CT	CT	New	0	0	0	0	0	0	0	0	0	0	0	0
45022	Yarmouth Solar	Generator	8503	Maine	ME	ME	New	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	
45023	South Portland Solar	Generator	8503	Maine	ME	ME	New	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	
45024	Syncharpha Acton - Battery 2	Generator	8500	Rest-of-Pool	MA	NEMA	New	3.968	3.968	3.968	3.968	3.968	3.968	3.968	3.968	3.968	3.968	3.968	
45025	Syncharpha Acton - Solar 2	Generator	8500	Rest-of-Pool	MA	NEMA	New	0.98	0.98	0.98	0.98	0.98	0	0	0	0	0	0	

ATTACHMENT B

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

ISO New England Inc.

) **Docket No. ER24-__-000**

TESTIMONY OF ALAN MCBRIDE

- 1 **Q: PLEASE STATE YOUR NAME, TITLE AND BUSINESS ADDRESS.**
- 2 A: My name is Alan McBride. I am Executive Director of Transmission Services
- 3 and Resource Qualification with ISO New England Inc. (the “ISO”). My business
- 4 address is One Sullivan Road, Holyoke, Massachusetts 01040.
- 5
- 6 **Q: PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND**
- 7 **WORK EXPERIENCE.**
- 8 A: I joined the ISO in June 2006 and for the following four years my primary
- 9 responsibility was as Project Manager of New Generation Qualification for the
- 10 Forward Capacity Market.¹ In 2010, I became the Manager, Area Transmission
- 11 Planning for northern New England, and continued in that position until 2015,
- 12 when I became Director of Transmission Services. In that position, I have been
- 13 responsible for the oversight of the ISO’s interconnection process for new
- 14 Generating Facilities and Elective Transmission Upgrades. In November 2019,
- 15 my responsibilities were expanded to include the qualification of resources in the
- 16 Forward Capacity Market (“FCM”), and my title changed to Director of

¹ Capitalized terms used but not defined in this testimony are intended to have the meaning given to such terms in the ISO New England Inc. Transmission, Markets and Services Tariff (“Tariff”).

1 Transmission Services and Resource Qualification. I became Executive Director
2 of Transmission Services and Resource Qualification in January 2024.

3

4 Before joining the ISO, I worked at Dynegy Inc. and then at Calpine Corporation.
5 At both companies, I supported various transmission-related activities associated
6 with the development, interconnection, and commercial operation of merchant
7 generation facilities. Prior to joining Dynegy, I worked at Power Technologies
8 Incorporated (now a division of Siemens Industries), where I conducted various
9 transmission analysis studies, including the system impact studies of several
10 proposed generating facilities.

11

12 I have 28 years of experience in various aspects of power transmission system
13 analysis and transmission services. I hold a B.S. degree in Electrical Engineering
14 from University College Dublin, in Ireland, a Master's degree in Electric Power
15 Engineering from Rensselaer Polytechnic Institute, and an M.B.A. degree from
16 Purdue University.

17

18 **Q: WHAT ARE THE PURPOSES OF YOUR TESTIMONY?**

19 A: My testimony has two purposes. The first purpose of my testimony is to certify
20 that resources participating in Forward Capacity Auction (“FCA”) 18, which was
21 held on February 5, 2024, were properly qualified in accordance with Section
22 III.13.1 of the Tariff. Section III.13.8.2 (b) of the Tariff requires that
23 documentation regarding the competitiveness of the FCA be filed with the

1 Commission. Section III.13.8.2 (b) states that such documentation may include a
2 certification from the ISO that all entities offering and bidding in the FCA were
3 properly qualified in accordance with Section III.13.1 of the Tariff. My testimony
4 provides such certification. The second purpose of my testimony is to explain the
5 ISO's reliability review of de-list bids submitted in FCA 18.

6

7 **Q: WERE ALL RESOURCES OFFERING AND BIDDING IN FCA 18 HELD**
8 **ON FEBRUARY 5, 2024 PROPERLY QUALIFIED IN ACCORDANCE**
9 **WITH TARIFF SECTION III.13.1?**

10 A: Yes. Section III.13.1 of the Tariff sets forth the process for qualification in the
11 FCA. I was responsible for overseeing the qualification of all resources in FCA
12 18 held on February 5, 2024. I certify that, to the best of my knowledge, all
13 resources offering and bidding in FCA 18 were properly qualified in accordance
14 with Section III.13.1 of the Tariff. In a November 22, 2023 informational filing
15 with the Commission, the ISO provided resources qualified to participate in FCA
16 18.²

17

18 **Q: WHAT WAS YOUR ROLE IN THE RELIABILITY REVIEW OF THE**
19 **VARIOUS DE-LIST BIDS?**

20 A: As the ISO's Executive Director of Transmission Services and Resource
21 Qualification, I oversaw the reliability review of all submitted de-list bids.

² ISO New England Inc., Informational Filing for Qualification in the Forward Capacity Market, Docket No. ER24-476-000 (filed November 22, 2023) ("Informational Filing"). The ISO supplemented the Informational Filing with an Errata Filing submitted to the Commission on January 10, 2024.

1 **Q:** **WHAT TYPES OF DE-LIST BIDS DOES THE ISO REVIEW?**

2 A: There are five different types of de-list bids that the ISO reviews for reliability:
3 Permanent De-List Bids, Retirement De-List Bids, Static De-List Bids, Export
4 Bids, and Dynamic De-List Bids. With the exception of Dynamic De-List Bids,³
5 all de-list bids are submitted and reviewed for reliability in advance of the FCA.

6

7 **Q:** **HOW MANY TYPES OF REVIEW DOES THE ISO PERFORM ON DE-
8 LIST BIDS?**

9 A: The ISO performs two types of review on de-list bids. I explain each of those
10 below.

11

12 **Q:** **PLEASE EXPLAIN THE FIRST TYPE OF REVIEW THAT THE ISO
13 PERFORMS ON DE-LIST BIDS.**

14 A: Pursuant to Section III.13.1.2.3.2 of the Tariff, prior to the auction, the ISO's
15 Internal Market Monitor ("IMM") reviews Export Bids and Static De-List Bids
16 submitted above the Dynamic De-List Bid threshold, which was set at
17 \$3.840/kW-month for FCA 18, to determine whether the bids are consistent with
18 the resource's net risk-adjusted going forward and opportunity costs. This review
19 is not performed for Dynamic De-List Bids, which are submitted during the
20 auction itself, if the price drops below the Dynamic De-List Bid threshold
21 (\$3.840/kW-month for FCA 18).

³ Dynamic De-List Bids are reviewed for reliability as a part of the real-time auction process. See Sections III.13.2.3.2 (d) and 13.2.5.2.5 of the Tariff.

1 In addition, prior to the auction, the IMM reviews all submitted Permanent and
2 Retirement De-List Bids regardless of price, and a filing was made on July 12,
3 2023 (Docket No. ER23-2379-000) indicating, on a confidential basis: (i) the
4 IMM's determination with respect to each Permanent De-List Bid and Retirement
5 De-List Bid, (ii) supporting documentation for each determination, (iii) the
6 capacity that will permanently de-list or retire prior to the FCA, and (iv) whether
7 capacity suppliers that submitted the bids have elected to conditionally or
8 unconditionally retire the capacity pursuant to Section III.13.1.2.4.1.⁴

9

10 **Q: PLEASE EXPLAIN THE SECOND TYPE OF REVIEW THAT THE ISO
11 PERFORMS ON DE-LIST BIDS.**

12 A: Pursuant to Section III.13.2.5.2.5 of the Tariff and ISO New England Planning
13 Procedure No. 10 – Planning Procedure to Support the Forward Capacity Market,
14 the ISO reviews each Retirement De-List Bid, Permanent De-List Bid, Export
15 Bid, Administrative Export De-List Bid, and Static De-List Bid to determine if the
16 capacity associated with the bid is needed for local reliability during the Capacity
17 Commitment Period associated with the FCA. The Tariff provides that capacity
18 will be needed for local reliability if the absence of that capacity would result in
19 violation of any North American Electric Reliability Corporation, Northeast
20 Power Coordinating Council, or ISO criteria.⁵ If the capacity associated with the
21 de-list bid is determined not to be needed for local reliability, and the auction

⁴ The Commission accepted the filing on August 21, 2023. See *ISO New England Inc.*, Docket No. ER23-2379-000 (Delegated letter order Aug. 21, 2023).

⁵ Section III.13.2.5.2.5 of the Tariff.

1 price falls to or below the de-list bid price, then the capacity associated with the
2 bid is removed from the auction.

3

4 **Q: FOR FCA 18, HOW MANY DE-LIST BIDS DID THE ISO REVIEW FOR
5 RELIABILITY?**

6 A: The ISO reviewed fourteen Retirement De-List Bids totaling 871.741 MW.⁶ A
7 total of 518.898 MW of pre-auction Static De-List Bids were submitted.
8 However, pursuant to Tariff Section III.13.1.2.3.1.1, prior to the auction,
9 participants elected to withdraw all submitted Static De-List Bids. Finally, no
10 Export Bids or Administrative Export De-List Bids were submitted for FCA 18.

11

12 During the fourth round of the auction where the price fell below \$3.840/kW-
13 month (*i.e.*, the threshold for submission of Dynamic De-List Bids prescribed for
14 FCA 18), 374 Dynamic De-List Bids were submitted, seeking to delist 2,288.888
15 MW.⁷ The ISO reviewed a sufficient quantity of Dynamic De-List Bids
16 associated with reaching the closing price of the auction. In this case, during the
17 auction, the ISO reviewed 370 of the Dynamic De-List Bids submitted, totaling
18 2,287.517 MW.

19

⁶ There were no Permanent De-List Bids submitted for FCA 18.

⁷ The fourth round was the first and only round of the auction in which Dynamic De-List Bids could be submitted.

1 **Q: DID THE ISO REVIEW SHOW THE NEED TO RETAIN FOR**
2 **RELIABILITY ANY RESOURCES THAT SUBMITTED DE-LIST BIDS**
3 **FOR FCA 18?**

4 **A:** No. The ISO's review of de-list bids did not show the need to retain for reliability
5 any resources that submitted de-list bids for FCA 18. Accordingly, the ISO did
6 not reject any de-list bids that it studied for FCA 18.

7

8 **Q: DOES THIS CONCLUDE YOUR TESTIMONY?**

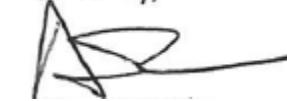
9 **A:** Yes.

1 I declare that the foregoing is true and correct.

2

3

4

A handwritten signature in black ink, appearing to read "Alan McBride". It is written in a cursive style with a long horizontal stroke extending to the right.

5 Alan McBride

6

7 February 15, 2024

ATTACHMENT C

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

ISO New England Inc.

) Docket No. ER24-__-000

**TESTIMONY OF PETER T. BRANDIEN
ON BEHALF OF ISO NEW ENGLAND INC.**

1 **Q: PLEASE STATE YOUR NAME, TITLE AND BUSINESS ADDRESS.**

2 A: My name is Peter T. Brandien. I am employed by ISO New England Inc. (the
3 “ISO”)¹ as the Vice President of System Operations and Market Administration.

4 My business address is One Sullivan Road, Holyoke, Massachusetts 01040.

5

6 **Q: PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND
7 WORK EXPERIENCE.**

8 A: I have a Bachelor of Science degree in Electrical Engineering from the University
9 of Hartford. I have more than 37 years of industry experience. I joined the ISO
10 in 2004 as Vice President of System Operations. In that capacity and in my
11 present position, I have been responsible for the day-to-day operations of New
12 England’s bulk electric system and oversight of transaction management,
13 transmission technical studies, outage coordination, unit commitment, economic
14 dispatch, system restoration, operator training, certain compliance functions, and
15 development of operating procedures. In 2019, I assumed the newly created
16 position of Vice President of System Operations and Market Administration. In

¹ Capitalized terms used but not otherwise defined in this filing have the meanings ascribed thereto in Section I.2.2 of the ISO-NE Transmission, Markets and Services Tariff (the “Tariff”).

1 this role, I assumed the responsibility for administering the New England Day-
2 Ahead Energy Market, the monitoring and finalization of Real-Time Locational
3 Marginal Prices, the locational Forward Reserve Market, Financial Transmission
4 Rights, Auction Revenue Rights, Forward Capacity Market reconfiguration
5 auctions, Annual Reconfiguration Transactions, and Capacity Supply Obligation
6 bilateral process administration. Following Forward Capacity Auction (“FCA”)
7 16 in March 2022, I assumed the additional responsibility of administering the
8 Forward Capacity Auction.

9

10 Prior to joining the ISO, I spent 17 years at Northeast Utilities, completing my
11 tenure there as director of transmission operations. Before joining Northeast
12 Utilities, I served in the U.S. Navy as a submarine nuclear propulsion plant
13 operator/electrician.

14

15 **Q: WHAT ARE THE PURPOSES OF YOUR TESTIMONY?**

16 A: The purpose of my testimony is to explain the auction prices resulting from FCA
17 18.

18

19 **Q: WHAT WAS YOUR ROLE IN THE DEVELOPMENT OF THE LIST OF**
20 **RESOURCES THAT RECEIVED CAPACITY SUPPLY OBLIGATIONS**
21 **IN FCA 18?**

22 A: Section III.13.8.2 (a) of the Tariff requires the ISO to provide a list of resources
23 that received Capacity Supply Obligations in each Capacity Zone and the size of

1 the Capacity Supply Obligations. The ISO has provided this information in
2 Attachment A to this filing. As the Vice President of System Operations and
3 Market Administration, Attachment A was developed under my supervision and
4 direction.

5

6 **Q: WHAT CAPACITY ZONES WERE MODELED IN FCA 18?**

7 A: Three Capacity Zones were modeled in FCA 18: the Northern New England
8 (“NNE”) Capacity Zone, the Maine Capacity Zone (“Maine”) and the Rest-of-
9 Pool (“ROP”) Capacity Zone. The NNE Capacity Zone included Maine, New
10 Hampshire, and Vermont. The Maine Capacity Zone included Maine and was
11 nested within the NNE Capacity Zone. The ROP Capacity Zone included
12 Connecticut, Western/Central Massachusetts, Northeastern Massachusetts/Boston,
13 Southeastern Massachusetts, and Rhode Island. As detailed in the ISO’s
14 Informational Filing for FCA 18, the Maximum Capacity Limit for the export-
15 constrained NNE Capacity Zone was 8,760 MW.² The Maximum Capacity Limit
16 for the export-constrained Maine Capacity Zone was 4,150 MW.³ Under Section
17 III.13.2.2 of the Tariff, the total amount of capacity cleared in the FCA is
18 determined using the System-Wide Capacity Demand Curve and Capacity Zone
19 Demand Curves.

20

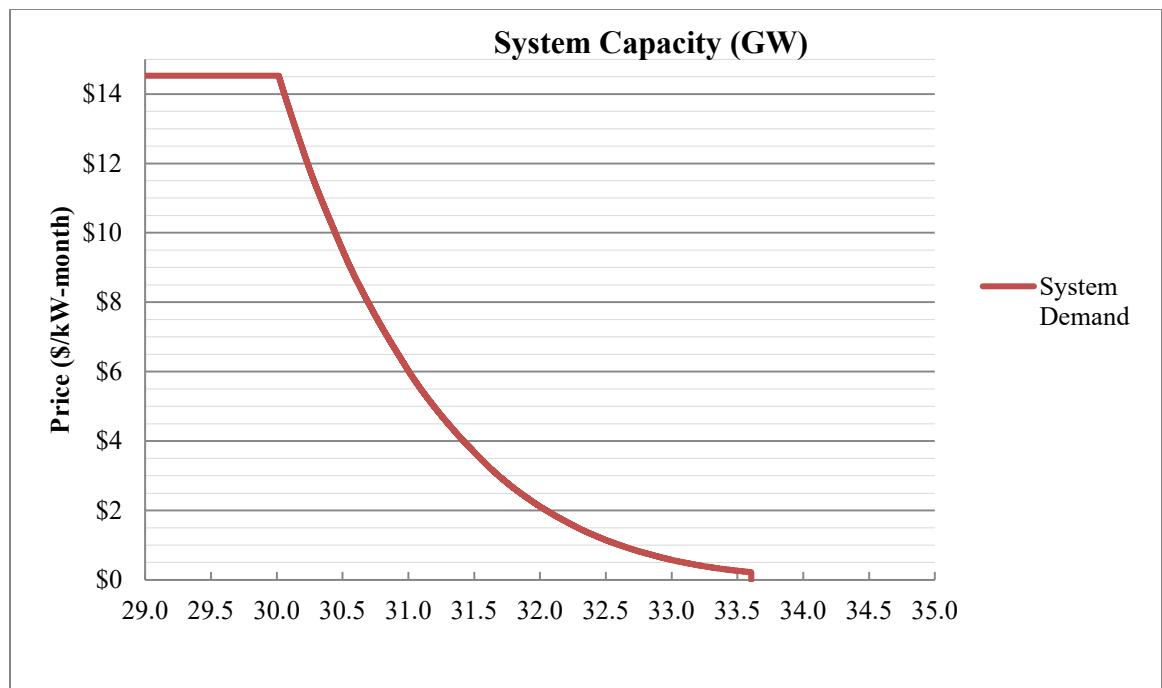
² ISO New England Inc., Informational Filing for Qualification in the Forward Capacity Market, Docket No. ER24-476-000 (filed November 22, 2023) at 9.

³ *Id.*

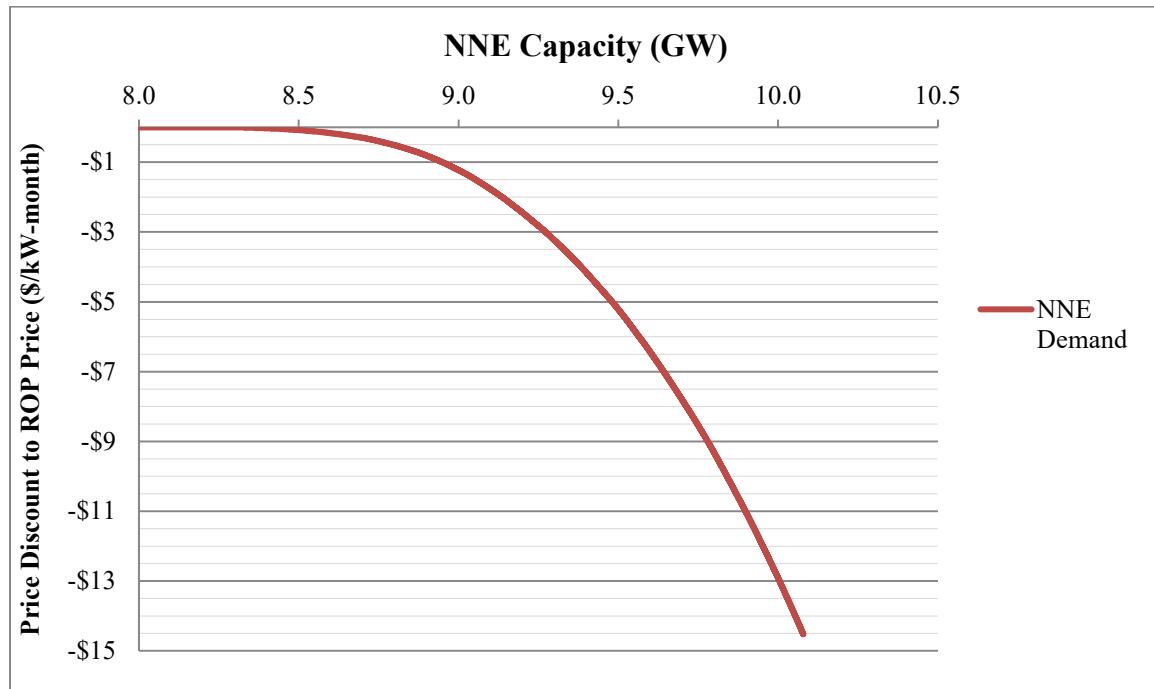
Q: PLEASE PROVIDE GRAPHS OF THE DEMAND CURVES THAT THE ISO CALCULATED FOR FCA 18.

3 A: As required under Section III.12 of the Tariff, the ISO calculated the following
4 Demand Curves for FCA 18:

5 1. System-Wide Capacity Demand Curve

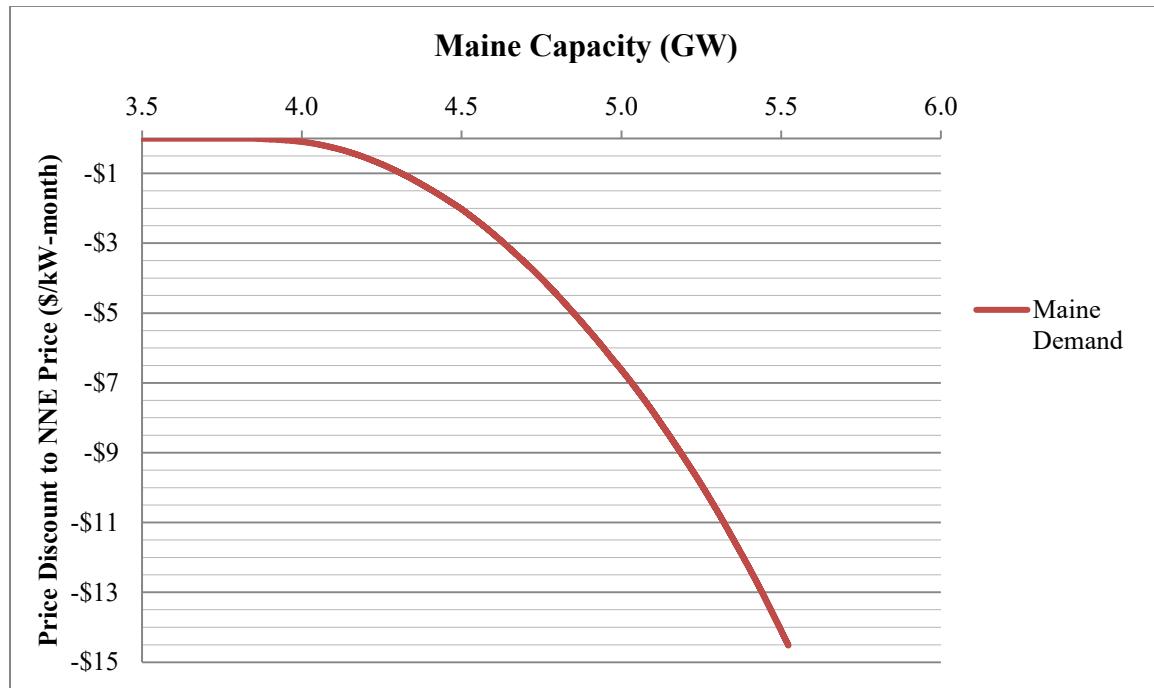


1 2. Export-constrained Capacity Zone Demand Curve for the NNE Capacity Zone



2

3. Export-constrained Capacity Zone Demand Curve for the Maine Capacity Zone

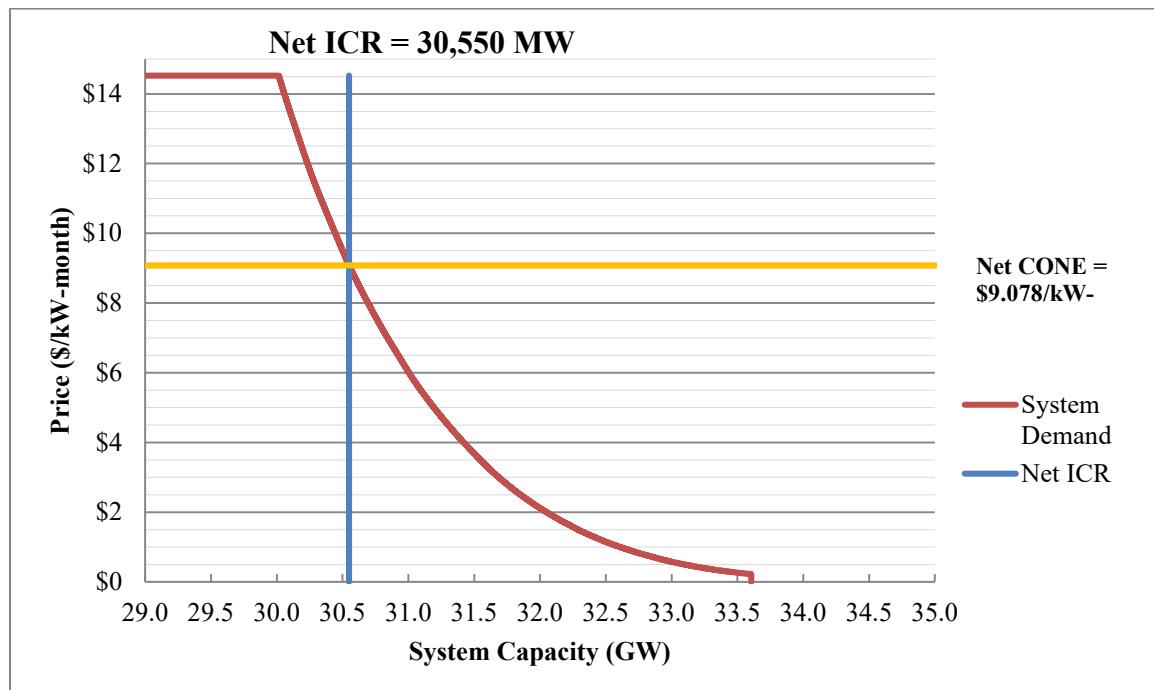


4

5

1 Q: **CAN YOU PROVIDE A GRAPH OF THE SYSTEM-WIDE CAPACITY
2 DEMAND CURVE ALONG WITH THE NET INSTALLED CAPACITY
3 REQUIREMENT (“NET ICR”) AND NET COST OF NEW ENTRY (“NET
4 CONE”) FOR FCA 18?**

5 A: Yes. Below is a graph of the System-Wide Capacity Demand Curve, Net CONE,
6 and Net ICR:



7
8 Q: **WHAT CAUSED THE DESCENDING CLOCK AUCTION TO BIND?**

9 A: The descending clock auction commenced with a starting price of \$14.525/kW-
10 month. The descending clock auction bound for the ROP Capacity Zone, the
11 NNE Capacity Zone, the Maine Capacity Zone, the New York AC Ties external
12 interface, the Phase I/II HQ Excess external interface, the Hydro-Quebec
13 Highgate external interface, and the New Brunswick external interface after the
14 fourth round of bidding when a Dynamic De-List Bid resulted in offered system-
15

wide supply falling short of system-wide demand. At the same price, offered supply on the New York AC Ties external interface was less than its capacity transfer limit, offered supply on the Phase I/II HQ excess external interface was less than its capacity transfer limit, offered supply on the Hydro-Quebec Highgate external interface was less than its capacity transfer limit, and offered supply on the New Brunswick external interface was less than its capacity transfer limit. Therefore, these external interfaces bound contemporaneously with the ROP Capacity Zone, the NNE Capacity Zone, and the Maine Capacity Zone.

Q: WHAT WERE THE FCA CLEARING PRICES FOR THE CAPACITY ZONES?

A: Resources in the ROP Capacity Zone, the NNE Capacity Zone, and the Maine Capacity Zone will be paid at the Capacity Clearing Price set pursuant to the System-Wide Capacity Demand Curve, which is \$3.580/kW-month.

Q: WHY WERE THE CAPACITY CLEARING PRICES FOR THE REST-OF-POOL, NNE AND MAINE CAPACITY ZONES \$3.580/KW-MONTH?

A: Across the system, at prices at and above \$3.580/kW-month, system-wide supply was greater than system-wide demand. At prices below \$3.580/kW-month, system-wide supply was less than system-wide demand. A Dynamic De-List Bid at \$3.579/kW-month caused supply to fall short of demand. This price-setting de-list bid was rationed to the greatest extent possible, while honoring the resource's Rationing Minimum Limit, resulting in the resource receiving a Capacity Supply

1 Obligation quantity equal to its Rationing Minimum Limit, and in system-wide
2 supply exceeding system-wide demand at the ROP Capacity Clearing Price.
3
4 Pursuant to the FCM rules, many offers from new capacity and many de-list bids
5 from existing capacity are non-rationable (sometimes called indivisible). That is,
6 the entire offer segment must clear or not clear at all. Under Section III.13.2.7.4
7 of the Tariff, where non-rationable offers prohibit the descending clock auction
8 from clearing the precise amount of capacity required, the auctioneer analyzes the
9 aggregate supply curve “to determine cleared capacity offers and Capacity
10 Clearing Prices that seek to maximize social surplus for the associated Capacity
11 Commitment Period. The clearing algorithm may result in offers below the
12 Capacity Clearing Price not clearing, and in de-list bids below the Capacity
13 Clearing Price clearing.”
14
15 The ISO utilizes a clearing engine to solve a mixed-integer quadratic
16 programming problem to identify the optimal combination of offers and de-list
17 bids to clear, which is the combination that maximizes social surplus. Social
18 surplus (sometimes called social welfare) is, in this case, the sum of consumer
19 surplus (the difference between the amount that consumers would be willing to
20 pay as defined by the Demand Curve and the amount they actually pay) and
21 producer surplus (the difference between the amount that suppliers are actually
22 paid and the amount that they would have been willing to accept) minus
23 deadweight loss.

1 With exclusively rationalable (sometimes called divisible) offers and de-list bids,
2 the marginal offer or de-list bid can be partially cleared in order for supply to
3 precisely meet demand, preventing any deadweight loss. Therefore, where all
4 offers and de-list bids are rationalable, social surplus is maximized when all supply
5 to the left of the intersection with demand is cleared. However, non-rationalable
6 offers and de-list bids can prevent a clearing solution at the precise intersection of
7 supply and demand. When this occurs, a decision must be made to either clear
8 less supply than demanded at the clearing price (which generates less total
9 consumer surplus and producer surplus), or to clear more supply than demanded
10 at the clearing price (which generates more total consumer surplus and producer
11 surplus, but it also produces deadweight loss that offsets the additional total
12 consumer surplus and producer surplus). The optimal solution identifies the
13 combination of cleared supply offers and de-list bids that maximizes social
14 surplus.

15

16 At \$3.580/kW-month, system-wide cleared supply exceeded system-wide demand
17 by 30.17 MW. Although awarding a Capacity Supply Obligation to the capacity
18 associated with the marginal Dynamic De-List Bid resulted in deadweight loss
19 due to clearing more supply than was demanded at that price, on net, awarding
20 that Capacity Supply Obligation contributed to social surplus. To better match
21 system-wide supply to system-wide demand, the clearing engine simultaneously
22 searched for offers at prices below \$3.580/kW-month to exclude from clearing,
23 and de-list bids at prices below \$3.580/kW-month to include in clearing, which

1 would result in greater social surplus. However, the clearing engine did not find
2 any such offers or de-list bids because each offer priced below \$3.580/kW-month
3 increased social surplus when cleared. And, each de-list bid priced below
4 \$3.580/kW-month decreased social surplus when cleared.

5
6 The Capacity Clearing Price was \$3.580/kW-month because this was the lowest
7 price at which the marginal resource satisfying system-wide demand was willing
8 to accept a Capacity Supply Obligation.⁴

9
10 **Q: WHY WERE THE CAPACITY CLEARING PRICES FOR THE NNE AND
11 MAINE CAPACITY ZONES THE SAME AS THE CAPACITY
12 CLEARING PRICE FOR THE ROP CAPACITY ZONE?**

13 A: The demand curve for an export-constrained Capacity Zone that is not nested
14 within another export-constrained Capacity Zone specifies the amount by which
15 the Capacity Clearing Price for the export-constrained Capacity Zone should be
16 less than the Capacity Clearing Price for the ROP Capacity Zone (*i.e.*, the export-
17 constrained Capacity Zone’s congestion price). The demand curve for an export-
18 constrained Capacity Zone that is nested within another export-constrained
19 Capacity Zone (*i.e.*, nested within a “parent zone”) specifies the amount by which

⁴ For more information on the mechanics and implications of clearing non-rationable offers, please see Robert G. Ethier’s testimony for the ninth and tenth Forward Capacity Auctions. Forward Capacity Auctions Results, ISO New England Inc., Docket No. ER15-1137-000 (Feb. 27, 2015), available at https://www.iso-ne.com/static-assets/documents/2015/02/er15-__-000_2-27-15_fca_9_results_filing.pdf; Forward Capacity Auctions Results, ISO New England Inc., Docket No. ER16-1041-000 (Feb. 29, 2016), available at https://www.iso-ne.com/static-assets/documents/2016/02/er16-__-000_2-29-16_fca_10_results_filing.pdf

1 the Capacity Clearing Price for the export-constrained Capacity Zone (*i.e.*, the
2 “child zone”) should be less than the Capacity Clearing Price for the parent zone
3 within which it is nested (*i.e.*, the child zone’s congestion price).

4

5 The congestion price for an export-constrained Capacity Zone is negative because
6 transferring capacity to an export-constrained Capacity Zone from the ROP
7 Capacity Zone (if not nested), or from the parent zone (if nested), can reduce
8 overall system reliability, as measured by expected energy not served. However,
9 below a certain capacity level, there is no reduction of reliability benefit from
10 transferring capacity into the export-constrained Capacity Zone from the ROP
11 Capacity Zone (if not nested), or into the export-constrained Capacity Zone from
12 the parent zone (if nested). Therefore, the export-constrained Capacity Zone’s
13 Capacity Clearing Price is the same as the Capacity Clearing Price for the ROP
14 Capacity Zone (if not nested), or the same as the parent zone (if nested); *i.e.*, the
15 congestion price is zero. At the Capacity Clearing Price of \$3.580/kW-month for
16 the ROP Capacity Zone, the total offered MW quantity from resources in the
17 NNE Capacity Zone were not high enough such that they would contribute less
18 system reliability benefit than offers from resources in the ROP Capacity Zone.
19 Therefore, the congestion price was zero and the Capacity Clearing Price was
20 \$3.580/kW-month for the NNE Capacity Zone. Further, at the Capacity Clearing
21 Price of \$3.580/kW-month in the NNE Capacity Zone, the total offered MW
22 quantity from resources in the Maine Capacity Zone were not high enough such
23 that they would contribute less system reliability benefit than offers from

1 resources in the NNE Capacity Zone. Therefore, the congestion price was zero
2 and, because the congestion price for the NNE Capacity Zone was also zero, the
3 Capacity Clearing Price was \$3.580/kW-month for the Maine Capacity Zone.

4

5 **Q: WHAT WERE THE CAPACITY CLEARING PRICES ON THE
6 EXTERNAL INTERFACES?**

7 A: Imports over the New York AC Ties external interface, totaling 122.886 MW,
8 will receive \$3.580/kW-month. Imports over the New Brunswick external
9 interface, totaling 70.000 MW, will receive \$3.580/kW-month. Imports over the
10 Hydro-Quebec Highgate external interface, totaling 18.173 MW, will receive
11 \$3.580/kW-month. Imports over the Phase I/II HQ Excess external interface,
12 totaling 253.776 MW, will receive \$3.580/kW-month.

13

14 **Q: FOLLOWING COMPLETION OF THE PRIMARY AUCTION
15 CLEARING PROCESS, WAS A SUBSTITUTION AUCTION
16 ADMINISTERED? IF NOT, WHY?**

17 A: A substitution auction was not administered because at least one substitution
18 auction demand bid is necessary in order to conduct the substitution auction, and
19 no demand bid met the requirements of a substitution auction demand bid.
20 Specifically, in order for a demand bid to be submitted in the substitution auction,
21 the demand bid must meet the following requirements: (1) the demand bid must
22 have met all of the conditions to participate in the substitution auction as specified
23 in Section III.13.2.8.3 of the Tariff, and (2) the associated Existing Capacity

1 Resource must have received a Capacity Supply Obligation in the primary
2 auction-clearing process as described in Sections III.13.2.8.3.1 and III.13.2.8.3.3
3 of the Tariff. However, no demand bids satisfied these criteria, and, for that
4 reason, a substitution auction was not conducted. Accordingly, while Section
5 III.13.8.2 of the Tariff requires the instant filing to include the substitution auction
6 clearing prices and the total amount of payments associated with any demand bids
7 cleared at a substitution auction clearing price above their demand bid prices,
8 because a substitution auction was not conducted, that information is not included
9 in this filing.

10

11 **Q:** **DOES THIS CONCLUDE YOUR TESTIMONY?**

12 A: Yes.

1 I declare that the foregoing is true and correct.

2

3

4

5

6

7 February 15, 2024



Peter T. Brandien

ATTACHMENT D

**UNITED STATES OF AMERICA
BEFORE THE
FEDERAL ENERGY REGULATORY COMMISSION**

ISO New England Inc.) Docket No. ER24-__-000
)
)

TESTIMONY OF LAWRENCE M. AUSUBEL

Q. PLEASE STATE YOUR NAME, TITLE AND BUSINESS ADDRESS.

13 A. My name is Lawrence M. Ausubel. I am the Founder and Chairman of Power
14 Auctions LLC, the company that has helped to design, implement, and administer
15 the Forward Capacity Auction (“FCA”) for ISO New England Inc. (the “ISO”).
16 I am also a Professor of Economics at the University of Maryland. My business
17 address is 3333 K St. NW Suite 425, Washington, DC 20007.

18
19 Q. PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND
20 WORK EXPERIENCE

21 A. I have an A.B. in Mathematics from Princeton University, an M.S. in
22 Mathematics from Stanford University, an M.L.S. in Legal Studies from Stanford
23 University, and a Ph.D. in Economics from Stanford University.
24 I am the Chairman of Power Auctions LLC, a provider of auction implementation
25 services and software worldwide. I was also the President of Market Design Inc.,
26 an economics consultancy that (until its dissolution in 2016) offered services in
27 the design of auction markets. I have played a lead role in the design and
28 implementation of: electricity auctions in France, Germany, Spain, Belgium and

1 the US; gas auctions in Germany, France, Hungary and Denmark; the world's first
2 auction for greenhouse gas emission reductions in the UK; and a prototype airport
3 slot auction in the US. I have advised the US Federal Communications
4 Commission, Innovation Science and Economic Development Canada, and the
5 Australian Communications and Media Authority on spectrum auctions. I have
6 also advised BOEM (the US Bureau of Ocean Energy Management) and ICANN
7 (the Internet Corporation for Assigned Names and Numbers) on auction design. I
8 hold 27 U.S. patents and 3 international patents related to auction technology and
9 I have published numerous articles on auction design, bargaining, industrial
10 organization and financial markets. My curriculum vitae, which includes a list of
11 publications and other experience, is attached.

12

13 **Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?**

14 A. The purpose of this testimony is to certify that FCA 18, which was held on
15 February 5, 2024, was conducted in accordance with the relevant provisions of the
16 ISO New England Transmission, Markets, and Services Tariff (“Tariff”) currently
17 in effect. Section III.13.8.2 (b) of the Tariff requires that, after each FCA,
18 documentation regarding the competitiveness of the FCA be filed with the Federal
19 Energy Regulatory Commission (“Commission”). Section III.13.8.2 (b) states
20 that such documentation may include certification from the auctioneer that the
21 FCA was conducted in accordance with the provisions of Section III.13 of the
22 Tariff. Section III.13.2 of the Tariff provides the rules relating to the mechanics
23 of the FCA. My testimony certifies that the FCA was conducted in accordance

1 with Section III.13.2 of the Tariff.

2

3 **Q. PLEASE DESCRIBE POWER AUCTIONS LLC.**

4 A. Power Auctions LLC designs, implements and conducts high-stakes electronic
5 auctions utilizing proprietary software, processes, and other intellectual property.

6 The PowerAuctions software platform designed by Power Auctions LLC has been
7 used to implement over 300 auctions worldwide in the electricity, gas, spectrum,
8 and resource sectors. In the electricity sector, the software platform was used to
9 operate 42 quarterly EDF Generation Capacity Auctions in France. It was also
10 used for the Endesa-Iberdola Virtual Power Plant Auctions in Spain, the
11 Electrabel Virtual Power Plant Auctions in Belgium and the E.ON Virtual Power
12 Plant Auction in Germany. Currently, our software platform is also used for
13 implementing the UK's Capacity Market auctions and for implementing the
14 US Department of Interior's auctions of offshore wind energy tracts. Further,
15 Power Auctions LLC was part of the team that the US Federal Communications
16 Commission assembled to design and implement the FCC Broadcast Incentive
17 Auction (2016–17). More recently, Power Auctions was responsible for the
18 design and software implementation of the FCC's 3.7 GHz auction (2020–21),
19 which generated \$81 billion in revenues and was the largest auction in history.

20 For the past decade, Power Auctions has been prime contractor to the
21 Governments of Australia, Canada and the US for the ongoing design and
22 software implementation of all their countries' spectrum auctions.

23

1 Power Auctions LLC worked with the ISO to design and implement (on the
2 PowerAuctions platform) the previous FCAs held on February 4-6, 2008;
3 December 8-10, 2008; October 5-6, 2009; August 2-3, 2010; June 6-7, 2011;
4 April 2-3, 2012; February 4-5, 2013; February 3, 2014; February 2, 2015;
5 February 8, 2016; February 6, 2017; February 5-6, 2018; February 4, 2019;
6 February 3, 2020; February 8, 2021; February 7, 2022; and March 6, 2023.

7

8 **Q. WHAT WAS POWER AUCTIONS LLC'S ROLE IN FCA 18 HELD ON**
9 **FEBRUARY 5, 2024?**

10 A. The ISO retained Power Auctions LLC as the independent auction manager
11 (“Auction Manager”) for FCA 18. As the Auction Manager, Power Auctions
12 LLC worked with the ISO to design and implement the FCA in conformance with
13 the Tariff. By design, the Auction Manager conducted the auction independently,
14 with limited involvement by the ISO. The auction was implemented using the
15 PowerAuctions software platform.

16

17 **Q. WAS FCA 18 HELD ON FEBRUARY 5, 2024 CONDUCTED IN**
18 **ACCORDANCE WITH SECTION III.13.2 OF THE TARIFF?**

19 A. Yes. In accordance with Section III.13.8.2 (b) of the Tariff, I certify that, to the
20 best of my knowledge, FCA 18 held on February 5, 2024 was conducted in
21 conformance with the provisions of Section III.13.2 of the Tariff.

22

23 **Q. DOES THIS CONCLUDE YOUR TESTIMONY?**

24 A. Yes.

1 I declare that the foregoing is true and correct.

2

3 Executed on February 15, 2024.

4

5

Lawrence Ausubel

6

Lawrence M. Ausubel

Curriculum Vitae

LAWRENCE M. AUSUBEL

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Education

Ph.D. (1984) Stanford University, Economics
M.L.S. (1984) Stanford Law School, Legal Studies
M.S. (1982) Stanford University, Mathematics
A.B. (1980) Princeton University, Mathematics

Honors: Fellow of the Econometric Society
Phi Beta Kappa
Sigma Xi
Magna cum laude in mathematics
Stanford University Economics Department, graduate fellowship, 1982
Stanford Law School, fellowship in law and economics, 1983

Fields of Concentration

Market Design
Auction Theory
Bargaining Theory
Microeconomic Theory and Game Theory
Credit Cards, Bankruptcy and Banking
Industrial Organization
Law and Economics

Professional Experience

Professor of Economics, University of Maryland (August 1992 – present).

Chairman and Founder, Power Auctions LLC (2003 – present).

Power Auctions LLC has been a technology provider of auction design, auction software, implementation services and intellectual property since 2003. The PowerAuctions™ software platform has been used for more than 300 high-stakes auctions on six continents, with total transaction values well in excess of \$100 billion.

President, Market Design Inc. (2003 – 2016).

Until its dissolution in 2016, Market Design Inc. was a consultancy of leading economists and game theorists (Al Roth, Peter Cramton, R. Preston McAfee, Paul Milgrom, Robert Wilson, et al) that worked with governments and companies worldwide to design and implement state-of-the-art auctions and markets.

Assistant Professor of Managerial Economics and Decision Sciences, Kellogg School, Northwestern University (September 1984 – August 1992).

Visiting Assistant Professor, New York University (January 1990 – May 1990).

Recent Consulting Experience

Provided expert bidding advice to bidders in more than a dozen large spectrum auctions, including Bharti Airtel in India's 900/1800 MHz auction, Orange in Slovakia's Multi-Band spectrum auction, Three (Hutchison) in the UK 4G and PSSR auctions, Eircom in Ireland's 800/900/1800 MHz auction, Aircel in India's 3G/BWA auctions, Spain's Telefónica in the UK, German, Italian and Austrian UMTS/3G spectrum auctions, Ericsson in the US PCS spectrum auctions, MTN in the Nigerian spectrum auctions, MCI in the US Direct Broadcast Satellite auction, US Airwaves in the US C-Block Auction, Mobile Media in the US Narrowband Auction, and other confidential clients.

Advisor to the US government (Federal Communications Commission) on the design and implementation of all spectrum auctions and universal service fund auctions on an ongoing basis, including the Broadcast Incentive Auction and the recent 3.7 GHz auction (at \$81.1 billion, the biggest auction ever in history), 2011 – present.

Advisor to the Canadian government (Innovation, Science and Economic Development Canada) on the design and implementation of the 600 MHz, 700 MHz, 2.5 GHz, 3.5 GHz, 3.8 GHz and mmWave spectrum auctions, 2010 – present.

Design and implementation of 12 auctions for offshore wind energy tracts for the Bureau of Ocean Energy Management (BOEM), US Department of Interior, including the 2022 New York Bight Auction (at \$4.37 billion, the highest-grossing competitive offshore energy lease sale in history and the largest alternative energy auction in history), 2010 – present.

Advised the Secretaría de Energía (SENER) by preparing an expert report on Mexico's first two capacity auctions and by providing advice for future auctions, 2016.

Provided expert bidding advice to a confidential client in India's 500 MW solar auction, 2015.

Advisor to the Australian government (ACMA) on the design and implementation of the Australian Digital Dividend auction and all subsequent spectrum auctions, 2011 – present.

Provided auction design advice to the IDA Singapore on their Auction of Public Cellular Mobile Telecommunication Services Spectrum Rights, 2007 – 2008.

Design and implementation of the Trinidad and Tobago GSM auction, 2005.

Design and implementation of the UK Capacity Market auction (electricity), 2014 – present.

Design and implementation of the Forward Capacity Auction for ISO New England (electricity), 2007 – present.

Design and implementation of the quarterly Electricité de France generation capacity auctions (2001 – 2011) and Long-Term Contract auctions (2008 – 2009).

Design and implementation of the quarterly Spanish Virtual Power Plant (VPP) auctions (electricity), 2007 – 2009.

Design and implementation of the E.ON VPP auction in Germany (electricity), 2007.

Design and implementation of the quarterly Electrabel Virtual Power Plant (VPP) auctions in Belgium (electricity), 2003 – 2005.

Design and implementation of auctions for new gTLDs for ICANN (Internet Corporation for Assigned Names and Numbers), 2008 – present.

Design and implementation of rough diamond auctions for Okavango Diamond Company, Botswana, 2013 – present.

Design and implementation of rough diamond auctions for BHP Billiton/Dominion Diamonds, 2007 – 2014.

Design and implementation of the annual E.ON Földgáz Trading gas release programme auction in Hungary, 2006 – 2013.

Design and implementation of the annual Danish Oil and Natural Gas (DONG Energy) gas release programme auction, 2006 – 2011.

Design and implementation of the annual E.ON Ruhrgas gas release programme auction in Germany, 2003 – 2008, 2010.

Design and implementation of the Gaz de France gas storage auction, 2006.

Design and implementation of the Gaz de France gas release programme auction, 2004.

Design and implementation of the Total gas release programme auction, 2004.

Design and implementation of the UK Emissions Trading Scheme auction to procure greenhouse gas emission reductions for the UK Government, 2002.

Design and implementation of a demonstration auction of landing and takeoff slots for LaGuardia Airport, for the US Federal Aviation Administration, 2005, 2008.

Teaching

Econ 456	Law and Economics (Undergraduate; Maryland)
Econ 603	Microeconomic Analysis (Ph.D.; Maryland)
Econ 661	Industrial Organization (Ph.D.; Maryland)
Econ 704	Advanced Microeconomics: Market Design (Ph.D.; Maryland)
Mngrl Econ D30	Intermediate Microeconomics (M.B.A.; Northwestern)
Mngrl Econ D45	Regulation and Deregulation (M.B.A.; Northwestern)

Publications

- “Revealed Preference and Activity Rules in Dynamic Auctions” (with Oleg Baranov), *International Economic Review*, Vol. 61, No. 2, pp. 471–502, May 2020 [lead article].
- “Core-Selecting Auctions with Incomplete Information” (with Oleg Baranov), *International Journal of Game Theory*, Vol. 49, No. 1, pp. 251–273, March 2020.
- “An Experiment on Auctions with Endogenous Budget Constraints” (with Justin E. Burkett and Emel Filiz-Ozbay), *Experimental Economics*, Vol. 20, No. 4, pp. 973–1006, December 2017.
- “A Practical Guide to the Combinatorial Clock Auction” (with Oleg Baranov), *Economic Journal*, Vol. 127, No. 605 (Feature Issue), pp. F334–F350, October 2017.
- “Efficient Procurement Auctions with Increasing Returns” (with Oleg Baranov, Christina Aperjis and Thayer Morrill), *American Economic Journal: Microeconomics*, Vol. 9, No. 3, pp. 1–27, August 2017 [lead article].
- “Demand Reduction and Inefficiency in Multi-Unit Auctions” (with Peter Cramton, Marek Pycia, Marzena J. Rostek and Marek Weretka), *Review of Economic Studies*, Vol. 81, No. 4, pp. 1366–1400, October 2014.
- “Sequential Kidney Exchange” (with Thayer Morrill), *American Economic Journal: Microeconomics*, Vol. 6, No. 3, pp. 265–285, August 2014.

“Market Design and the Evolution of the Combinatorial Clock Auction” (with Oleg Baranov), *American Economic Review: Papers & Proceedings*, Vol. 104, No. 5, pp. 446–451, May 2014.

“Common-Value Auctions with Liquidity Needs: An Experimental Test of a Troubled Assets Reverse Auction” (with Peter Cramton, Emel Filiz-Ozbay, Nathaniel Higgins, Erkut Ozbay and Andrew Stocking), Chapter 20 of *Handbook of Market Design* (Nir Vulkan, Alvin E. Roth, and Zvika Neeman, eds.), Oxford University Press, 2013.

“Non-Judicial Debt Collection and the Consumer’s Choice among Repayment, Bankruptcy and Informal Bankruptcy” (with Amanda E. Dawsey and Richard M. Hynes), *American Bankruptcy Law Journal*, Vol. 87, pp. 1–26, March 2013 [lead article].

“Virtual Power Plant Auctions” (with Peter Cramton), *Utilities Policy*, Vol. 18, No. 4, pp. 201–208, December 2010.

“Using Forward Markets to Improve Electricity Market Design” (with Peter Cramton), *Utilities Policy*, Vol. 18, No. 4, pp. 195–200, December 2010.

“An Efficient Dynamic Auction for Heterogeneous Commodities,” *American Economic Review*, Vol. 96, No. 3, pp. 602–629, June 2006.

“An Efficient Ascending-Bid Auction for Multiple Objects,” *American Economic Review*, Vol. 94, No. 5, pp. 1452–1475, December 2004.

“Dynamic Auctions in Procurement” (with Peter Cramton), Chapter 9 of *Handbook of Procurement* (N. Dimitri, G. Piga, and G. Spagnolo, eds.), pp. 220–245, Cambridge: Cambridge University Press, 2006.

“The Lovely but Lonely Vickrey Auction” (with Paul Milgrom), Chapter 1 of *Combinatorial Auctions* (P. Cramton, Y. Shoham, and R. Steinberg, eds.), pp. 17–40, Cambridge: MIT Press, 2006.

“Ascending Proxy Auctions” (with Paul Milgrom), Chapter 3 of *Combinatorial Auctions* (P. Cramton, Y. Shoham, and R. Steinberg, eds.), pp. 79–98, Cambridge: MIT Press, 2006.

“The Clock-Proxy Auction: A Practical Combinatorial Auction Design” (with Peter Cramton and Paul Milgrom), Chapter 5 of *Combinatorial Auctions* (P. Cramton, Y. Shoham, and R. Steinberg, eds.), pp. 115–138, Cambridge: MIT Press, 2006.

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“Credit Card Defaults, Credit Card Profits, and Bankruptcy,” *American Bankruptcy Law Journal*, Vol. 71, pp. 249–270, Spring 1997; recipient of the Editor's Prize for the best paper in the American Bankruptcy Law Journal, 1997.

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“The Failure of Competition in the Credit Card Market,” *American Economic Review*, Vol. 81, No. 1, pp. 50–81, March 1991; reprinted as Chapter 21 in *Advances in Behavioral Finance* (D. Thaler, ed.), Russell Sage Foundation, 1993.

“Insider Trading in a Rational Expectations Economy,” *American Economic Review*, Vol. 80, No. 5, pp. 1022–1041, December 1990.

“Partially-Revealing Rational Expectations Equilibrium in a Competitive Economy,” *Journal of Economic Theory*, Vol. 50, No. 1, pp. 93–126, February 1990.

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pp. 18–46, June 1989; reprinted as Chapter 15 in *Bargaining with Incomplete Information* (P. Linhart, R. Radner, and M. Satterthwaite, eds.), Academic Press, 1992.

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“One is Almost Enough for Monopoly” (with R. Deneckere), *Rand Journal of Economics*, Vol. 18, No. 2, pp. 255–274, Summer 1987.

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“System and Method for Cryptographic Choice Mechanisms” (with Andrew Komo), U.S. Patent Number 11,580,808, issued February 14, 2023.

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“System and Method for Cryptographic Choice Mechanisms” (with Andrew Komo), U.S. Patent Number 11,361,607, issued June 14, 2022.

“System and Method for a Hybrid Clock and Proxy Auction” (with Peter Cramton and Paul Milgrom), Canadian Patent Number 2,544,785, issued July 20, 2021.

“System and Method for Cryptographic Choice Mechanisms” (with Andrew Komo), U.S. Patent Number 11,069,171, issued July 20, 2021.

“System and Method for Cryptographic Choice Mechanisms” (with Andrew Komo), U.S. Patent Number 10,872,487, issued December 22, 2020.

“System and Method for an Auction of Multiple Types of Items” (with Peter Cramton and Wynne P. Jones), U.S. Patent Number 8,762,222, issued June 24, 2014.

“System and Method for the Efficient Clearing of Spectrum Encumbrances” (with Peter Cramton and Paul Milgrom), U.S. Patent Number 8,744,924, issued June 3, 2014.

“System and Method for a Dynamic Auction with Package Bidding” (with Paul Milgrom), U.S. Patent Number 8,566,211, issued October 22, 2013.

“System and Method for an Efficient Dynamic Multi-Unit Auction,” U.S. Patent Number 8,447,662, issued May 21, 2013.

“System and Method for a Hybrid Clock and Proxy Auction” (with Peter Cramton and Paul Milgrom), U.S. Patent Number 8,335,738, issued December 18, 2012.

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“System and Method for the Efficient Clearing of Spectrum Encumbrances” (with Peter Cramton and Paul Milgrom), U.S. Patent Number 8,145,555, issued March 27, 2012.

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“System and Method for an Auction of Multiple Types of Items” (with Peter Cramton and Wynne P. Jones), U.S. Patent Number 7,899,734, issued March 1, 2011.

“System and Method for an Efficient Dynamic Multi-Unit Auction,” U.S. Patent Number 7,870,050, issued January 11, 2011.

“Computer Implemented Methods and Apparatus for Auctions,” U.S. Patent Number 7,774,264, issued August 10, 2010.

“System and Method for a Hybrid Clock and Proxy Auction” (with Peter Cramton and Paul Milgrom), U.S. Patent Number 7,729,975, issued June 1, 2010.

“System and Method for an Efficient Dynamic Multi-Unit Auction,” U.S. Patent Number 7,467,111, issued December 16, 2008.

“System and Method for an Efficient Dynamic Multi-Unit Auction,” U.S. Patent Number 7,343,342, issued March 11, 2008.

“Ascending Bid Auction for Multiple Objects,” U.S. Patent Number 7,337,139, issued February 26, 2008.

“Computer Implemented Methods and Apparatus for Auctions,” U.S. Patent Number 7,249,027, issued July 24, 2007.

“System and Method for an Efficient Dynamic Multi-Unit Auction,” U.S. Patent Number 7,165,046, issued January 16, 2007.

“System and Method for an Efficient Dynamic Multi-Unit Auction,” U.S. Patent Number 7,062,461, issued June 13, 2006.

“System and Method for an Efficient Dynamic Auction for Multiple Objects,” U.S. Patent Number 6,026,383, issued February 15, 2000.

“Computer Implemented Methods and Apparatus for Auctions,” U.S. Patent Number 6,021,398, issued February 1, 2000.

“Computer Implemented Methods and Apparatus for Auctions,” U.S. Patent Number 5,905,975, issued May 18, 1999.

Book Reviews and Encyclopedia Entries

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“Credit Cards,” *McGraw-Hill Encyclopedia of Economics*, McGraw-Hill, 1994.

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“Credit Cards,” *New Palgrave Dictionary of Money and Finance*, Stockton Press, 1992.

Working Papers

“The VCG Mechanism, the Core, and Assignment Stages in Auctions” (with Oleg V. Baranov), February 2023.

“Spectrum Auctions as Games and the ‘Get Out of Jail Free’ Card” (with Oleg V. Baranov and Sam Dinkin), July 2022.

“Market Design and the FCC Incentive Auction” (with Christina Aperjis and Oleg V. Baranov), October 2017.

“The Combinatorial Clock Auction, Revealed Preference and Iterative Pricing” (with Oleg V. Baranov), February 2014.

“Penalty Interest Rates, Universal Default, and the Common Pool Problem of Credit Card Debt” (with Oleg V. Baranov and Amanda E. Dawsey), mimeo, University of Maryland, June 2010.

“A Troubled Asset Reverse Auction” (with Peter Cramton), working paper, University of Maryland, October 2008.

“Time Inconsistency in the Credit Card Market” (with Haiyan Shui), mimeo, University of Maryland, January 2005.

- “Informal Bankruptcy” (with Amanda E. Dawsey), mimeo, University of Maryland, April 2004.
- “Adverse Selection in the Credit Card Market,” mimeo, University of Maryland, June 1999.
- “The Credit Card Market, Revisited,” mimeo, University of Maryland, July 1995.
- “Walrasian Tâtonnement for Discrete Goods,” mimeo, University of Maryland, July 2005.
- “Bidder Participation and Information in Currency Auctions” (with Rafael Romeu), Working Paper WP/05/157, International Monetary Fund, 2005.
- “A Mechanism Generalizing the Vickrey Auction,” mimeo, University of Maryland, September 1999.
- “The Ascending Auction Paradox” (with Jesse Schwartz), mimeo, University of Maryland, July 1999.
- “The Optimality of Being Efficient” (with Peter Cramton), mimeo, University of Maryland, June 1999.
- “Sequential Recontracting Under Incomplete Information” (with Arijit Sen), mimeo, University of Maryland, June 1995.
- “Separation and Delay in Bargaining” (with Raymond Deneckere), mimeo, University of Maryland, April 1994.
- “A Model of Managerial Discretion and Corporate Takeovers,” mimeo, University of Maryland, March 1993.
- “Rigidity and Asymmetric Adjustment of Bank Interest Rates,” mimeo, University of Maryland, August 1992.
- “Oligopoly When Market Share Matters,” mimeo, Stanford University, May 1984.
- “Partially-Revealing Equilibria,” Stanford University, Department of Economics, August 1984. Dissertation committee: Mordecai Kurz (principal advisor); Peter J. Hammond; Kenneth J. Arrow.

Works in Progress

- “The Hungarian Auction” (with T. Morrill)
- “Bargaining and Forward Induction” (with R. Deneckere)

Op-Eds

“5G auction: A government success story,” *Baltimore Sun*, March 21, 2021, p. 21.

“Making Sense of the Aggregator Bank” (with Peter Cramton), *Economists’ Voice*, Vol. 6, Issue 3, Article 2, February 2009.

“No Substitute for the ‘P’-Word in Financial Rescue” (with Peter Cramton), *Economists’ Voice*, Vol. 6, Issue 2, Article 2, February 2009.

“Auction Design Critical for Rescue Plan” (with Peter Cramton), *Economists’ Voice*, Vol. 5, Issue 5, Article 5, September 2008.

Research Grants

Principal Investigator, “Common-Value Auctions with Liquidity Needs” (with P. Cramton, E. Filiz-Ozbay and E. Ozbay), National Science Foundation Grant SES-09-24773, September 1, 2009 – August 31, 2013.

Principal Investigator, “Dynamic Matching Mechanisms” (with P. Cramton), National Science Foundation Grant SES-05-31254, August 15, 2005 – July 31, 2008.

Co-Principal Investigator, “Slot Auctions for U.S. Airports” (with M. Ball, P. Cramton and D. Lovell), Federal Aviation Administration, September 1, 2004 – August 31, 2005.

Co-Principal Investigator, “Rapid Response Electronic Markets for Time-Sensitive Goods” (with G. Anandalingam, P. Cramton, H. Lucas, M. Ball and V. Subrahmanian), National Science Foundation Grant IIS-02-05489, Aug 1, 2002 – July 31, 2005.

Principal Investigator, “Multiple Item Auctions” (with P. Cramton), National Science Foundation Grant SES-01-12906, July 15, 2001 – June 30, 2004.

Principal Investigator, “Auctions for Multiple Items” (with P. Cramton), National Science Foundation Grant SBR-97-31025, April 1, 1998 – March 31, 2001.

Co-Principal Investigator, “Auctions and Infrastructure Conference” (with P. Cramton), National Science Foundation, April 1, 1998 – March 31, 1999.

Principal Investigator, “Bargaining Power, Sequential Recontracting, and the Principal-Agent Problem” (with A. Sen), National Science Foundation Grant SBR-94-10545, October 15, 1994 – September 30, 1997.

Principal Investigator, “Insider Trading and Economic Efficiency,” The Lynde and Harry Bradley Foundation, May 15, 1989 – May 14, 1992.

Principal Investigator, “Bargaining with One- and Two-Sided Incomplete Information” (with R. Deneckere), National Science Foundation Grant SES-86-19012, June 1, 1987 – May 31, 1989.

Principal Investigator, "Information Transmission in Bargaining and Markets" (with R. Deneckere), National Science Foundation Grant IST-86-09129, July 1, 1986 – June 30, 1987.

Conference Presentations

"On Generalizing the English Auction," Econometric Society Winter Meetings, Chicago, January 1998.

"The Optimality of Being Efficient," Maryland Auction Conference, Wye River, May 1998.

"Adverse Selection in the Credit Card Market," Western Finance Association, Monterey, June 1998.

"The Optimality of Being Efficient," Econometric Society Summer Meetings, Montreal, June 1998.

"Bargaining and Forward Induction," Northwestern Summer Microeconomics Conference, Evanston, IL, July 1998.

"Predicting Personal Bankruptcies," National Conference of Bankruptcy Judges, Dallas, October 1998.

"Adverse Selection in the Credit Card Market," NBER Behavioral Macroeconomics Conference, Boston, December 1998.

"The Ascending Auction Paradox," Econometric Society Summer Meetings, Madison, June 1999.

"Adverse Selection in the Credit Card Market," Econometric Society Summer Meetings, Madison, June 1999.

"Predicting Personal Bankruptcies," Meeting of the National Association of Chapter Thirteen Trustees, New York, July 1999.

"The Ascending Auction Paradox," Southeast Economic Theory Conference, Washington DC, November 1999.

"Adverse Selection in the Credit Card Market," Utah Winter Finance Conference, Salt Lake City, February 2000.

"An Efficient Dynamic Auction for Heterogeneous Commodities," Conference on Auctions and Market Structure, Heidelberg, Germany, July 2000.

"An Efficient Dynamic Auction for Heterogeneous Commodities," Conference on Multiunit Auctions, Stony Brook, NY, July 2000.

“A Mechanism Generalizing the Vickrey Auction,” Econometric Society World Congress, Seattle, August 2000.

“Auctions for Financial E-Commerce,” New York Federal Reserve Bank Conference on Financial E-Commerce, New York, February 2001.

“An Efficient Dynamic Auction for Heterogeneous Commodities,” NSF General Equilibrium Conference, Providence, RI, April 2001.

“An Efficient Dynamic Auction for Heterogeneous Commodities,” NSF/NBER Decentralization Conference, Evanston, IL, April 2001.

“Informal Bankruptcy,” Association of American Law Schools Workshop on Bankruptcy, St. Louis, MO, May 2001.

“An Efficient Dynamic Auction for Heterogeneous Commodities,” Econometric Society Summer Meetings, College Park, MD, June 2001.

“Ascending Auctions with Package Bidding,” FCC, SIEPR and NSF Conference on Combinatorial Auctions, Wye River, MD, October 2001.

“The Electricité de France Generation Capacity Auctions,” CORE-ECARES-LEA Workshop on Auctions, Brussels, Belgium, November 2001.

“Informal Bankruptcy,” Utah Winter Finance Conference, Salt Lake City, February 2002.

“Defictionalizing the Walrasian Auctioneer,” Conference on Market Design in Honor of Robert Wilson, Stanford, CA, May 2002.

“Adverse Selection in the Credit Card Market,” Conference on the Economics of Payment Networks, Toulouse, France, June 2002.

“Ascending Auctions with Package Bidding,” Econometric Society Summer Meetings, Los Angeles, June 2002.

“An Efficient Dynamic Auction for Heterogeneous Commodities,” Conference in Honor of Mordecai Kurz, Stanford, CA, August 2002.

“Adverse Selection in the Credit Card Market,” Conference on Credit, Trust and Calculation, San Diego, November 2002.

“Package Bidding for Spectrum Auctions,” American Economic Association Meetings, Washington, DC, January 2003.

“Auctioning Many Divisible Goods,” invited session, European Economic Association Annual Congress, Stockholm, August 2003.

“Spectrum Auctions with Package Bidding,” TPRC Research Conference on Communication, Information and Internet Policy, Arlington, VA, September 2003.

“Defictionalizing the Walrasian Auctioneer,” invited lecture, Conference on Auctions and Market Design: Theory, Evidence and Applications, Fondazione Eni Enrico Mattei, Milan, September 2003.

“Clock Auctions, Proxy Auctions, and Possible Hybrids,” Workshop on Auction Theory and Practice, Pittsburgh, PA, November 2003.

“Clock Auctions, Proxy Auctions, and Possible Hybrids,” FCC Combinatorial Bidding Conference, Wye River, MD, November 2003.

“Time Inconsistency in the Credit Card Market,” Utah Winter Finance Conference, Salt Lake City, February 2004.

“The Clock-Proxy Auction: A Practical Combinatorial Auction Design,” Conference on Auctions and Market Design: Theory, Evidence and Applications, Consip, Rome, Italy, September 2004.

“Bidder Participation and Information in Currency Auctions,” Conference on Auctions and Market Design: Theory, Evidence and Applications, Consip, Rome, Italy, September 2004.

“The Clock-Proxy Auction: A Practical Combinatorial Auction Design,” Market Design Conference, Stanford University, December 2004.

“Dynamic Matching Mechanisms,” Econometric Society World Congress, London, August 2005.

“The Clock-Proxy Auction, with Recent Applications,” SISL Workshop, Caltech, October 2005.

“Dynamic Matching Mechanisms,” Conference on Matching and Two-Sided Markets, University of Bonn, May 2006.

“The Hungarian Auction,” DIMACS Workshop on Auctions with Transaction Costs, Rutgers University, March 2007.

“The Hungarian Auction,” PSE Lecture at the Paris School of Economics, June 2007.

“Time Inconsistency in the Credit Card Market,” John M. Olin Conference on Law and Economics of Consumer Credit, University of Virginia, February 2008.

“The Hungarian Auction,” 6th Annual International Industrial Organization Conference, Arlington, VA, May 2008.

“The Hungarian Auction,” Frontiers of Microeconomic Theory and Policy, Symposium in Honour of Ray Rees, University of Munich, July 2008.

“Common-Value Auctions with Liquidity Needs: An Experimental Test of a Troubled Assets Reverse Auction,” 2009 CAPCP Conference on Auctions and Procurement, Penn State University, March 2009.

“Market Design for Troubled Assets,” NBER Workshop on Market Design, Cambridge, MA, May 2009.

“Market Design for Troubled Assets,” Madrid Summer Workshop on Economic Theory, Universidad Carlos III de Madrid, June 2009.

“Virtual Power Plant Auctions,” (with Peter Cramton), Workshop: Designing Electricity Auctions, Research Institute of Industrial Economics, Stockholm, Sweden, September 2009.

“Using Forward Markets to Improve Electricity Market Design,” (with Peter Cramton), Workshop: Designing Electricity Auctions, Research Institute of Industrial Economics, Stockholm, Sweden, September 2009.

“Virtual Power Plant Auctions,” (with Peter Cramton), Market Design 2009 Conference, Stockholm, Sweden, September 2009.

“Using Forward Markets to Improve Electricity Market Design,” (with Peter Cramton), Market Design 2009 Conference, Stockholm, Sweden, September 2009.

“Auctions with Multiple Objects,” 2009 Erwin Plein Nemmers Prize in Economics, Conference in Honor of Paul Milgrom, Northwestern University, November 2009.

“Penalty Interest Rates, Universal Default, and the Common Pool Problem of Credit Card Debt” (with Oleg V. Baranov and Amanda E. Dawsey), Credit, Default and Bankruptcy Conference, University of California - Santa Barbara, June 2010.

“Core-Selecting Auctions with Incomplete Information” (with Oleg V. Baranov), World Congress of the Econometric Society, Shanghai, China, August 2010.

“Core-Selecting Auctions with Incomplete Information” (with Oleg V. Baranov), NBER Workshop on Market Design, Cambridge, MA, October 2010.

“Core-Selecting Auctions with Incomplete Information” (with Oleg V. Baranov), NSF/CEME Decentralization Conference, Ohio State University, April 2011

“Penalty Interest Rates, Universal Default, and the Common Pool Problem of Credit Card Debt” (with Oleg V. Baranov and Amanda E. Dawsey), Centre for Financial Analysis & Policy Conference on Consumer Credit and Bankruptcy, University of Cambridge, UK, April 2011.

“Core-Selecting Auctions with Incomplete Information” (with Oleg V. Baranov), Center for the Study of Auctions, Procurements and Competition Policy Conference, Penn State University, April 2011.

- “Design Issues for Combinatorial Clock Auctions” (with Oleg V. Baranov), Annual Meeting of the Institute for Operations Research and the Management Sciences (INFORMS), Phoenix AZ, October 2012.
- “An Enhanced Combinatorial Clock Auction” (with Oleg V. Baranov), SIEPR Conference on the FCC Incentive Auctions, Stanford University, February 2013.
- “Enhancing the Combinatorial Clock Auction” (with Oleg V. Baranov), Ofcom Conference, Combinatorial Auctions for Spectrum, London School of Economics, September 2013.
- “The Combinatorial Clock Auction, Revealed Preference and Iterative Pricing” (with Oleg V. Baranov), NBER Workshop on Market Design, Stanford University, October 2013.
- “Market Design and the Evolution of the Combinatorial Clock Auction” (with Oleg V. Baranov), invited session in honor of the Nobel Prize in Economics awarded to Market Design, American Economic Association meetings, Philadelphia, January 2014.
- “Revealed Preference in Bidding: Empirical Evidence from Recent Spectrum Auctions” (with Oleg V. Baranov), NBER Market Design Conference, Palo Alto, CA, June 2014.
- “Enhancing the Combinatorial Clock Auction” (with Oleg V. Baranov), Industry Canada Retrospective on the Canadian 700 MHz Spectrum Auction, Ottawa, Canada, November 2014.
- “Efficient Procurement Auctions with Increasing Returns” (with Oleg V. Baranov, Christina Aperjis and Thayer Morrill), Annual Meeting of the Institute for Operations Research and the Management Sciences (INFORMS), Philadelphia PA, November 2015.
- “Efficient Procurement Auctions with Increasing Returns” (with Oleg V. Baranov, Christina Aperjis and Thayer Morrill), Workshop on Auction Design, University of Vienna, August 2016.
- “Vickrey-Based Pricing in Iterative First-Price Auctions” (with Oleg V. Baranov), Workshop on Auction Design, University of Vienna, August 2016.
- “Efficient Procurement Auctions with Increasing Returns” (with Oleg V. Baranov, Christina Aperjis and Thayer Morrill), NBER Market Design Conference, Palo Alto, CA, October 2016.
- “Market Design and the FCC Incentive Auction” (with Christina Aperjis and Oleg V. Baranov), Tenth Bi-Annual Conference on Economic Design,, York, UK, June 2017.
- “Market Design and the FCC Incentive Auction” (with Christina Aperjis and Oleg V. Baranov), NBER Market Design Conference, Cambridge, MA, October 2017.
- “Market Design and the FCC Incentive Auction” (with Christina Aperjis and Oleg V. Baranov), New Perspectives on Spectrum Policy Workshop, U Penn Law School, April 2018.

“Revealed Preference and Activity Rules in Auctions” (with Oleg V. Baranov), keynote talk, York Annual Symposium on Game Theory 2018, York, UK, June 2018.

“Market Design and the FCC Incentive Auction” (with Christina Aperjis and Oleg V. Baranov), INFORMS Workshop on Mathematical Optimization in Market Design, Ithaca, NY, June 2018.

“Market Design and the FCC Incentive Auction” (with Christina Aperjis and Oleg V. Baranov), European Economic Association Annual Congress, Cologne, August 2018.

“Revealed Preference and Activity Rules in Auctions” (with Oleg Baranov), Society of Economic Design, Budapest, June 2019.

“VCG, the Core, and Assignment Stages in Auctions” (with Oleg Baranov), Society of Economic Design, Budapest, June 2019.

“Supply Reduction in the Broadcast Incentive Auction,” (with Christina Aperjis and Oleg Baranov), NBER Market Design Conference, Cambridge, MA, October 2019.

“Supply Reduction in the Broadcast Incentive Auction,” (with Christina Aperjis and Oleg Baranov), Econometric Society World Congress, Virtual Milan, August 2020.

“Supply Reduction in the Broadcast Incentive Auction,” (with Christina Aperjis and Oleg Baranov), INFORMS Annual Meeting, Virtual Washington DC, November 2020.

“Spectrum Auctions as Games and the ‘Get Out of Jail Free’ Card” (with Oleg Baranov and Sam Dinkin), Conference in Honor of John Rust, Georgetown University, May 2022.

Professional Service

Mentored the National Winner of the 2017-18 Siemens Competition in Math, Science and Technology (Andrew Komo of Bethesda, MD).

Member of working group for the design and implementation of the broadcast incentive auction for the US Federal Communications Commission, 2011–2017.

Bureau of Ocean Energy Management, US Department of Interior, for the design and implementation of offshore wind energy auctions, 2012–present.

Advisor to Innovation, Science and Economic Development Canada for the design and implementation of 600 MHz, 700 MHz and 2.5 GHz spectrum auctions, 2011 – present.

Advisor to the Australian Communications and Media Authority for the design and implementation of the Australian Digital Dividend Auction and future spectrum auctions, 2011 – present.

Congressional Briefing on “How Fundamental Economic Research Improves People’s Lives,”

Rayburn House Office Building, March 2010.

Testified before the Committee on Banking, Housing and Urban Affairs of the US Senate,
Hearing on “Modernizing Consumer Protection in the Financial Regulatory System:
Strengthening Credit Card Protections,” February 12, 2009.

Testified before the Subcommittee on Financial Institutions and Consumer Credit of the
US House of Representatives, Hearing on “The Credit Cardholders’ Bill of Rights:
Providing New Protections for Consumers,” March 13, 2008.

Panel Member, National Science Foundation Economics Panel, 2004 – 2005.

Associate Editor, *Berkeley Electronic Journals of Theoretical Economics*, 2004 – 2019.

Guest Associate Editor, *Management Science*, issue on Electronic Auctions, 2003.

Program Chair of the 2001 North American Summer Meeting of the Econometric Society
(with Peter Cramton), University of Maryland, June 21–24, 2001.

Program Committee of the North American Summer Meeting of the Econometric Society,
UCLA, June 2002, and University of Pennsylvania, June 1991.

Organized Maryland Auction Conference (with Peter Cramton), Wye River Conference
Center, May 1998, sponsored by the National Science Foundation, the World Bank,
and the University of Maryland.

Spoke at a Forum on Bankruptcy of the Financial Services Committee of the United States
House of Representatives, February 28, 2001.

Testified before the Subcommittee on Commercial and Administrative Law of the United
States House of Representatives, Hearing on the Consumer Bankruptcy Issues in the
Bankruptcy Reform Act of 1998, March 10, 1998.

Testified before the Subcommittee on Financial Institutions and Regulatory Relief of the
United States Senate, Hearing on Bankruptcy Reform, February 11, 1998.

Testified before the National Bankruptcy Review Commission, January 1997.

Referee for: *American Economic Review*, *Econometrica*, *European Economic Review*, *Games and Economic Behavior*, *International Journal of Game Theory*, *International Journal of Industrial Organization*, *Journal of Banking and Finance*, *Journal of Business*, *Journal of Economic Theory*, *Journal of Financial Intermediation*, *Journal of Political Economy*, *Quarterly Journal of Economics*, *Rand Journal of Economics*, *Review of Economic Studies*, and the National Science Foundation.

Professional Organizations

American Economic Association
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ATTACHMENT E

New England Governors, State Utility Regulators and Related Agencies*

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