

**STATE OF MAINE
PUBLIC UTILITIES COMMISSION**

**OFFICE OF THE PUBLIC ADVOCATE
Petition to Modify Standard Form Power
Purchase Agreements**

Docket No. 2023-00054

May 19, 2023

**COMMENTS OF ISO NEW ENGLAND INC.
IN RESPONSE TO PROCEDURAL ORDER REQUESTING COMMENTS**

ISO New England Inc. (“ISO”) respectfully submits these comments in response to certain questions presented in the Maine Public Utilities Commission’s (“Maine PUC”) May 1, 2023 Procedural Order Requesting Comments on a Petition to Modify the Standard Form Power Purchase Agreements filed in the above-captioned docket (“Procedural Order”) regarding negative pricing.

I. Introduction

The ISO is the independent, not-for-profit corporation that plans the transmission system, administers the region’s wholesale electricity markets, and operates the power system to ensure reliable and competitively priced wholesale electricity.

In response to the Procedural Order, below and in the enclosed attachments is information regarding the occurrence of negative pricing in New England. For additional context, following that information is a brief overview on electric energy pricing.

II. Historical Data of the Occurrence of Negative Pricing on the ISO New England System

In response to the first three questions presented in the Procedural Order regarding how often, where, and the typical duration of periods of negative pricing in Maine, the ISO provides the following data contained in the Attachments A and B. Briefly:

- **Attachment A** provides an annual summary for the last five years (January 1, 2018 through April 30, 2023) of the negative five-minute intervals at the New England Hub, and the eight Load Zones in New England. The tables show the total number of negative intervals that occurred at each location, the average length (number of five-minute intervals) of each negative pricing event, and the percentage of the total annual intervals at each location that had negative pricing.
- **Attachment B** provides annual data for the last five years (January 1, 2018 through April 30, 2023) of the number of hours with negatively priced locational marginal prices (LMPs) at each Location ID associated with the Maine Load Zone. It also includes the average, maximum, and minimum Real-Time LMP Congestion value in dollars per megawatt-hour (\$/MWh) in the hours when the LMP was negative at each respective location. The congestion value for each respective location relates only to the hours where the Real-Time LMP was negative at that location; the congestion data for the hours at each respective location where the Real-Time LMP was greater than or equal to zero are not included in the dataset.

This data is available on the ISO New England website in the Energy, Load, and Demand Reports¹ and the Real-Time Hourly LMP Pricing Reports.²

III. Background Information Regarding Locational Marginal Pricing

New England employs Locational Marginal Pricing³ or LMP as a way for wholesale electric energy prices to reflect the value of electric energy at different locations, accounting for the patterns of load, generation, and the physical limits of the transmission system. In New England, wholesale electricity prices are identified at over 1,000 pricing nodes (*i.e.*, locations) on the bulk power grid that include individual points on the transmission system, load zones (*i.e.*, aggregation of pricing nodes), external nodes where the New England transmission system interconnects with a neighboring region, and at the Hub. An LMP is the price for electric energy at each load zone, external interface with neighboring regions, and the Hub that reflects (1) the operating characteristics of, and (2) the major constraints on, the New England transmission

¹ <https://www.iso-ne.com/isoexpress/web/reports/load-and-demand/-/tree/zone-info>

² <https://www.iso-ne.com/isoexpress/web/reports/pricing/-/tree/final-lmp-by-node>

³ <https://www.iso-ne.com/participate/support/faq/lmp>

system at each area, as well as (3) the losses resulting from physical limits of the transmission system. LMPs are calculated every five minutes. The LMP at a load-zone is a weighted average of all the nodes within the load zone.

In an unconstrained system without losses, all LMPs would be the same, reflecting only the cost of serving the next increment of load. The generator with the lowest-cost energy offer available would serve that incremental megawatt (MW) of load, and electric energy from that generator would be able to flow to any node on the transmission system. LMPs differ generally among locations because transmission and reserve constraints prevent the next-least-cost MW of electric energy from reaching all locations of the grid. Even during periods when the least-cost MW can reach all locations, the marginal cost of physical losses will result in different LMPs across the system.

The ISO introduced negative pricing in 2013, as part of a package of energy market enhancements designed to provide greater flexibility to Market Participants to structure and modify supply offers/bids. These changes included the ability to submit offers/bids as low as negative \$150 per MWh, as an indication of a Market Participant's willingness to operate (or consume) at negative prices. These changes were accepted by the Federal Energy Regulatory Commission in *ISO New England Inc. and New England Power Pool*, 145 FERC ¶ 61,073 (2014). The 2021 Annual Markets Report provides additional information and data regarding LMPs and the occurrence of negative pricing.⁴

⁴ <https://www.iso-ne.com/static-assets/documents/2022/05/2021-annual-markets-report.pdf>

IV. Conclusion

The ISO appreciates the opportunity to submit these comments, and looks forward to continuing to serve as a technical partner to the state.

Respectfully submitted,

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By: Monica Gonzalez
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ISO New England Inc.
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(413) 535-4000

Title: Maine Negative Pricing Data

Date: May 18, 2023

Requestor: External Affairs and Corporate Communications

Database(s) used: BI Direct Access

Date parameters: January 1, 2018 through April 30, 2023

Comments: The 5-minute interval data and the hourly data both begin on January 1, 2018, and run through April 30, 2023.

Analyst: Steven Fontaine

The attached information is provided by ISO-NE's Market Analysis and Settlement Department in response to your request. Please be advised that this information has been deemed public information. Any questions or concerns should be directed to the Director, Market Analysis and Settlements.

Information Policy:

Calendar Year	Market Location ID	Market Location Name	Total Negative 5-min Intervals	Average Number of 5-min Intervals per Occurance	Total 5-min Intervals per Year	Pct. Of Intervals That Were Negative
2018	4000	.H.INTERNAL_HUB	844	4.31	105,120	0.80%
	4001	.Z.MAINE	2,067	5.68	105,120	1.97%
	4002	.Z.NEWHAMPSHIRE	1,201	4.67	105,120	1.14%
	4003	.Z.VERMONT	797	4.22	105,120	0.76%
	4004	.Z.CONNECTICUT	851	4.34	105,120	0.81%
	4005	.Z.RHODEISLAND	863	4.36	105,120	0.82%
	4006	.Z.SEMASS	873	4.41	105,120	0.83%
	4007	.Z.WCMASS	845	4.27	105,120	0.80%
	4008	.Z.NEMASSBOST	844	4.28	105,120	0.80%
2018 Total			9,185	4.61	946,080	0.97%

Calendar Year	Market Location ID	Market Location Name	Total Negative 5-min Intervals	Average Number of 5-min Intervals per Occurance	Total 5-min Intervals per Year	Pct. Of Intervals That Were Negative
2019	4000	.H.INTERNAL_HUB	447	4.26	105,120	0.43%
	4001	.Z.MAINE	671	4.56	105,120	0.64%
	4002	.Z.NEWHAMPSHIRE	460	4.26	105,120	0.44%
	4003	.Z.VERMONT	422	4.10	105,120	0.40%
	4004	.Z.CONNECTICUT	442	4.17	105,120	0.42%
	4005	.Z.RHODEISLAND	456	4.30	105,120	0.43%
	4006	.Z.SEMASS	454	4.28	105,120	0.43%
	4007	.Z.WCMASS	447	4.26	105,120	0.43%
	4008	.Z.NEMASSBOST	448	4.27	105,120	0.43%
2019 Total			4,247	4.29	946,080	0.45%

Calendar Year	Market Location ID	Market Location Name	Total Negative 5-min Intervals	Average Number of 5-min Intervals per Occurance	Total 5-min Intervals per Year	Pct. Of Intervals That Were Negative
2020	4000	.H.INTERNAL_HUB	257	3.89	105,120	0.24%
	4001	.Z.MAINE	495	4.27	105,120	0.47%
	4002	.Z.NEWHAMPSHIRE	342	3.93	105,120	0.33%
	4003	.Z.VERMONT	250	3.91	105,120	0.24%
	4004	.Z.CONNECTICUT	255	3.86	105,120	0.24%
	4005	.Z.RHODEISLAND	260	3.88	105,120	0.25%
	4006	.Z.SEMASS	263	3.87	105,120	0.25%
	4007	.Z.WCMASS	257	3.89	105,120	0.24%
	4008	.Z.NEMASSBOST	258	3.91	105,120	0.25%
2020 Total			2,637	3.96	946,080	0.28%

Calendar Year	Market Location ID	Market Location Name	Total Negative 5-min Intervals	Average Number of 5-min Intervals per Occurance	Total 5-min Intervals per Year	Pct. Of Intervals That Were Negative
2021	4000	.H.INTERNAL_HUB	283	3.88	105,120	0.27%
	4001	.Z.MAINE	334	4.07	105,120	0.32%
	4002	.Z.NEWHAMPSHIRE	305	3.86	105,120	0.29%
	4003	.Z.VERMONT	283	3.88	105,120	0.27%
	4004	.Z.CONNECTICUT	284	3.89	105,120	0.27%
	4005	.Z.RHODEISLAND	283	3.88	105,120	0.27%
	4006	.Z.SEMASS	286	3.92	105,120	0.27%
	4007	.Z.WCMASS	283	3.88	105,120	0.27%
	4008	.Z.NEMASSBOST	287	3.93	105,120	0.27%
2021 Total			2,628	3.91	946,080	0.28%

Calendar Year	Market Location ID	Market Location Name	Total Negative 5-min Intervals	Average Number of 5-min Intervals per Occurance	Total 5-min Intervals per Year	Pct. Of Intervals That Were Negative
2022	4000	.H.INTERNAL_HUB	479	4.35	105,120	0.46%
	4001	.Z.MAINE	555	4.59	105,120	0.53%
	4002	.Z.NEWHAMPSHIRE	490	4.41	105,120	0.47%
	4003	.Z.VERMONT	463	4.33	105,120	0.44%
	4004	.Z.CONNECTICUT	477	4.34	105,120	0.45%
	4005	.Z.RHODEISLAND	478	4.39	105,120	0.45%
	4006	.Z.SEMASS	482	4.38	105,120	0.46%
	4007	.Z.WCMASS	479	4.35	105,120	0.46%
	4008	.Z.NEMASSBOST	481	4.41	105,120	0.46%
2022 Total			4,384	4.40	946,080	0.46%

Calendar Year	Market Location ID	Market Location Name	Total Negative 5-min Intervals	Average Number of 5-min Intervals per Occurance	5-min Int. per Year (through April 30, 2023)	Pct. Of Intervals That Were Negative
2023	4000	.H.INTERNAL_HUB	203	3.56	34,560	0.59%
	4001	.Z.MAINE	223	3.54	34,560	0.65%
	4002	.Z.NEWHAMPSHIRE	204	3.52	34,560	0.59%
	4003	.Z.VERMONT	202	3.54	34,560	0.58%
	4004	.Z.CONNECTICUT	203	3.56	34,560	0.59%
	4005	.Z.RHODEISLAND	203	3.56	34,560	0.59%
	4006	.Z.SEMASS	204	3.52	34,560	0.59%
	4007	.Z.WCMASS	204	3.52	34,560	0.59%
	4008	.Z.NEMASSBOST	204	3.52	34,560	0.59%
2023 Total			1,850	3.54	311,040	0.59%

ISO-New England Public
ISO-New England
External Ad-Hoc Request for Market Data

Title: Maine Negative Pricing Data

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Requestor: External Affairs and Corporate Communications

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Information Policy:

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2018	424	UN.POWERSVL115 GNRT	1,433	-\$68.26	\$16.86	-\$400.87
2018	616	UN.CHSTERME46 WENF	1,433	-\$68.26	\$16.86	-\$400.87
2018	4077	LD.CHSTERME46	1,433	-\$68.26	\$16.86	-\$400.87
2018	10037	LD.POWERSVL115	1,433	-\$68.26	\$16.86	-\$400.87
2018	43790	LD.KEENE_RD46	1,433	-\$68.26	\$16.86	-\$400.87
2018	15464	UN.STETSON 34.5STET	1,432	-\$68.23	\$16.86	-\$400.87
2018	16612	UN.STETSON 34.5STE2	1,432	-\$68.23	\$16.86	-\$400.87
2018	37175	UN.ROLLINS 34.5ROLL	1,432	-\$68.23	\$16.86	-\$400.87
2018	40343	UN.BULL_HL 34.5BLHW	856	-\$86.88	\$16.86	-\$395.49
2018	46951	UN.OAKFIELD34.5OAKW	818	-\$70.60	\$16.86	-\$396.11
2018	445	UN.ENFLD_ME115 IND5	799	-\$70.09	\$16.86	-\$395.91
2018	38417	UN.PASADMKG34.5PASW	793	-\$70.44	\$16.86	-\$395.77
2018	48082	UN.BULL_HL 34.5HANW	712	-\$68.06	\$16.86	-\$395.49
2018	10178	LD.DEBLOIS 34.5	707	-\$68.37	\$16.86	-\$395.48
2018	407	UN.WASHNGTN34.5SEPTD	705	-\$68.43	\$16.86	-\$395.47
2018	446	UN.WASHNGTN34.5IND6	705	-\$68.43	\$16.86	-\$395.47
2018	4082	LD.WASHNGTN34.5	705	-\$68.43	\$16.86	-\$395.47
2018	536	UN.CHEMICAL115 PERC	704	-\$68.32	\$16.86	-\$395.59
2018	4078	LD.GRAHAM 46	704	-\$68.32	\$16.86	-\$395.61
2018	4083	LD.HARRINGT34.5	704	-\$68.42	\$16.86	-\$395.47
2018	16296	UN.GRAHAM 46 MLFH	704	-\$68.32	\$16.86	-\$395.61
2018	40338	UN.GRAHAM 18.0MS1A	704	-\$68.32	\$16.86	-\$395.61
2018	40339	UN.GRAHAM 18.0MS1B	704	-\$68.32	\$16.86	-\$395.61
2018	48645	UN.PISGAH 34.5PSGW	704	-\$68.27	\$16.86	-\$395.53
2018	4140	LD.BUCKSPRT13.8	701	-\$67.96	\$16.86	-\$394.90
2018	40260	LD.TUNK 34.5	701	-\$68.24	\$16.86	-\$395.45
2018	46617	LD.BUCKSPRT34.5	701	-\$67.96	\$16.86	-\$394.90
2018	47390	UN.BUCKSPRT18.0BKSP	701	-\$67.96	\$16.86	-\$394.90
2018	405	UN.ELLSWRTH34.5ELLS	699	-\$68.04	\$16.86	-\$395.43
2018	4631	LD.ELLSWRTH34.5	699	-\$68.04	\$16.86	-\$395.43
2018	15386	LD.BOGGY_BK44	699	-\$68.01	\$16.86	-\$395.43
2018	15417	LD.TRENTON 34.5	699	-\$68.04	\$16.86	-\$395.43
2018	37105	UN.BINGHAM 34.5BNGW	315	-\$77.35	\$16.86	-\$300.64
2018	7605	DR.ME_Bangor_Hydro	240	-\$55.07	\$16.86	-\$168.11
2018	432	UN.HARRIS 13.2HAR1	223	-\$39.20	\$16.86	-\$222.93
2018	433	UN.HARRIS 13.2HAR2	223	-\$39.20	\$16.86	-\$222.93
2018	434	UN.HARRIS 13.2HAR3	223	-\$39.20	\$16.86	-\$222.93
2018	590	UN.BIGELOW 115 STRA	223	-\$39.20	\$16.86	-\$222.93
2018	636	UN.WYMAN_HY13.8WYM1	223	-\$39.20	\$16.86	-\$222.93
2018	637	UN.WYMAN_HY13.8WYM2	223	-\$39.20	\$16.86	-\$222.93
2018	638	UN.WYMAN_HY13.8WYM3	223	-\$39.20	\$16.86	-\$222.93
2018	757	UN.HARRIS 13.2HAR4	223	-\$39.20	\$16.86	-\$222.93
2018	4152	LD.WYMAN_HY12.5	223	-\$39.20	\$16.86	-\$222.93
2018	4153	LD.BIGELOW 34.5	223	-\$39.20	\$16.86	-\$222.93
2018	4155	LD.HARRIS 13.2	223	-\$39.20	\$16.86	-\$222.93
2018	12551	UN.KIBBY 34.5KIBY	223	-\$39.20	\$16.86	-\$222.93
2018	37143	LD.ATHENSME12.5	219	-\$39.39	\$16.86	-\$223.48
2018	48960	UN.ATHENSME12.5ATHN	219	-\$39.39	\$16.86	-\$223.48
2018	621	UN.WILLIAM 6.9 WILL	218	-\$38.72	\$16.86	-\$222.12
2018	46734	LD.EMBDEN 12.5	218	-\$38.72	\$16.86	-\$222.12
2018	4151	LD.HARTLAND12.5	217	-\$38.93	\$16.86	-\$223.89
2018	49324	UN.HARTLAND12.5PITS	217	-\$38.93	\$16.86	-\$223.89
2018	4144	LD.LINCOLNV34.5	212	-\$40.14	\$16.86	-\$224.79
2018	4148	LD.DETROIT 34.5	212	-\$39.08	\$16.86	-\$224.12
2018	4150	LD.GUILFORD34.5	212	-\$39.08	\$16.86	-\$224.12
2018	617	UN.LAKEWOOD34.5WEST	211	-\$38.98	\$16.86	-\$223.66
2018	4136	LD.MADISON 13.8	211	-\$38.68	\$16.85	-\$220.92
2018	4157	LD.LAKEWOOD34.5	211	-\$38.98	\$16.86	-\$223.66
2018	4158	LD.RICERIPS34.5	211	-\$39.03	\$16.86	-\$224.26
2018	37150	LD.MADISON 34.5	211	-\$38.68	\$16.85	-\$220.92
2018	1107	UN.SAPHINCK13.8SOMR	210	-\$39.06	\$16.86	-\$223.91
2018	4141	LD.BELFAST 34.5	210	-\$39.83	\$16.86	-\$224.74
2018	4156	LD.SAPHINCK13.8	210	-\$39.06	\$16.86	-\$223.91
2018	50121	UN.BELFAST 34.5GEOR	210	-\$39.83	\$16.86	-\$224.74
2018	460	UN.WINSLOW 34.5LCKW	209	-\$38.91	\$16.86	-\$224.36
2018	761	UN.WINSLOW 34.5SHAW	209	-\$38.91	\$16.86	-\$224.36
2018	2426	UN.WINSLOW 34.5UNAH	209	-\$38.91	\$16.86	-\$224.36
2018	4142	LD.WINSLOW 34.5	209	-\$38.91	\$16.86	-\$224.36
2018	4160	LD.STURTVNT34.5	209	-\$38.39	\$16.85	-\$219.50
2018	44009	LD.STURTVNT12.5	209	-\$38.39	\$16.85	-\$219.50
2018	4149	LD.N_AUGSTA12.5	207	-\$38.80	\$16.86	-\$224.27

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2018	4163	LD.BOWMN_ST34.5	207	-\$38.80	\$16.86	-\$224.04
2018	4164	LD.PUDDLDC34.5	207	-\$38.80	\$16.86	-\$224.18
2018	4165	LD.AUGSTA_E34.5	207	-\$38.80	\$16.86	-\$224.40
2018	4166	LD.BROWN_CR12.5	207	-\$38.80	\$16.86	-\$224.11
2018	43592	LD.N_AUGSTA34.5	207	-\$38.80	\$16.86	-\$224.27
2018	44033	LD.COOPERML12.5	207	-\$38.81	\$16.86	-\$224.65
2018	46729	LD.STICKNEY34.5	196	-\$33.48	\$16.86	-\$224.74
2018	46730	LD.UNION 34.5	192	-\$32.05	\$16.86	-\$224.76
2018	4145	LD.MEADW_RD34.5	191	-\$30.36	\$16.86	-\$224.80
2018	46728	LD.2121A_T 34.5	175	-\$26.25	\$16.86	-\$224.81
2018	4001	.Z.MAINE	174	-\$22.88	\$16.86	-\$226.54
2018	4146	LD.PARK_ST 34.5	152	-\$22.14	\$16.86	-\$224.82
2018	369	UN.LOUDEN 34.5CATR	150	-\$26.18	\$16.86	-\$246.85
2018	569	UN.LOUDEN 34.5SKEL	150	-\$26.18	\$16.86	-\$246.85
2018	754	UN.LOUDEN 34.5BARM	150	-\$26.18	\$16.86	-\$246.85
2018	760	UN.LOUDEN 34.5NGOR	150	-\$26.18	\$16.86	-\$246.85
2018	4133	LD.WATERBOR12.5	150	-\$26.21	\$16.86	-\$247.14
2018	4187	LD.LOUDEN 34.5	150	-\$26.18	\$16.86	-\$246.85
2018	4188	LD.BIDDEFRD34.5	150	-\$26.49	\$16.86	-\$249.71
2018	4191	LD.BRANCH 34.5	150	-\$27.13	\$16.86	-\$255.80
2018	4192	LD.SANFORD 34.5	150	-\$26.77	\$16.86	-\$252.36
2018	13692	LD.W_KENNEB115	150	-\$27.00	\$16.86	-\$254.53
2018	39990	LD.GOOSEFAR12	150	-\$26.18	\$16.86	-\$246.85
2018	40299	LD.VALLY_LN34.5	150	-\$26.18	\$16.86	-\$246.85
2018	46609	LD.BIDDEFRD12.5	150	-\$26.49	\$16.86	-\$249.71
2018	46610	LD.BRANCH 12.5	150	-\$27.13	\$16.86	-\$255.80
2018	440	UN.W_BUXTON34.5HIRM	149	-\$25.87	\$16.86	-\$243.50
2018	755	UN.W_BUXTON34.5BONE	149	-\$25.87	\$16.86	-\$243.50
2018	4132	LD.W_BUXTON34.5	149	-\$25.87	\$16.86	-\$243.50
2018	542	UN.SPRNG_ST34.5PTRR	148	-\$25.31	\$16.86	-\$238.57
2018	4143	LD.HIGHLAND34.5	148	-\$21.73	\$16.86	-\$224.83
2018	4177	LD.MOSHERS 34.5	148	-\$25.23	\$16.86	-\$237.84
2018	4179	LD.SPRNG_ST34.5	148	-\$25.31	\$16.86	-\$238.57
2018	4181	LD.REDBROOK34.5	148	-\$25.34	\$16.86	-\$238.76
2018	4182	LD.PLSNT_HL34.5	148	-\$25.31	\$16.86	-\$238.56
2018	14177	UN.WESTBRK 18.0WE1A	148	-\$25.36	\$16.86	-\$238.91
2018	14178	UN.WESTBRK 18.0WE1B	148	-\$25.36	\$16.86	-\$238.91
2018	14796	LD.MUSSEYRD34.5	148	-\$25.33	\$16.86	-\$238.71
2018	39719	LD.PLSNT_HL12.5	148	-\$25.31	\$16.86	-\$238.56
2018	46655	LD.MOSHERS 12.5	148	-\$25.23	\$16.86	-\$237.84
2018	46950	LD.SPRNG_ST12.5	148	-\$25.31	\$16.86	-\$238.57
2018	367	UN.CAPE 13.2CAP4	147	-\$24.65	\$16.86	-\$238.32
2018	368	UN.CAPE 13.2CAP5	147	-\$24.65	\$16.86	-\$238.32
2018	591	UN.PRID_CRN34.5SWBK	147	-\$24.27	\$16.86	-\$235.14
2018	639	UN.YARMOUTH13.2YAR1	147	-\$24.63	\$16.86	-\$238.18
2018	640	UN.YARMOUTH13.2YAR2	147	-\$24.63	\$16.86	-\$238.18
2018	641	UN.YARMOUTH13.8YAR3	147	-\$24.63	\$16.86	-\$238.18
2018	4130	LD.YARMOUTH34.5	147	-\$24.63	\$16.86	-\$238.18
2018	4178	LD.ELM_ST 34.5	147	-\$24.64	\$16.86	-\$238.25
2018	4183	LD.HNKLY_PD12.5	147	-\$24.66	\$16.86	-\$238.39
2018	4184	LD.CAPE 34.5	147	-\$24.65	\$16.86	-\$238.32
2018	4185	LD.SEWAL_ST34.5	147	-\$24.65	\$16.86	-\$238.28
2018	4186	LD.PRID_CRN34.5	147	-\$24.27	\$16.86	-\$235.14
2018	10846	LD.FRIVR_ME12.5	147	-\$24.65	\$16.86	-\$238.30
2018	46678	LD.ELM_ST 12.5	147	-\$24.64	\$16.86	-\$238.25
2018	46681	LD.SEWAL_ST12.5	147	-\$24.65	\$16.86	-\$238.28
2018	46726	LD.PRID_CRN12.5	147	-\$24.27	\$16.86	-\$235.14
2018	48724	UN.YARMOUTH6.9 CASB	147	-\$24.63	\$16.86	-\$238.18
2018	38173	UN.LUDDN_LN34.5SADW	145	-\$21.32	\$16.85	-\$215.63
2018	38738	UN.LUDDN_LN34.5CANW	145	-\$21.32	\$16.85	-\$215.63
2018	331	UN.ROXBURY 34.5AZIS	144	-\$20.75	\$16.84	-\$213.42
2018	345	UN.CATALYST115 BOIS	144	-\$20.75	\$16.84	-\$213.42
2018	1255	UN.RUMFD_IP18.0RUMF	144	-\$20.76	\$16.84	-\$213.53
2018	4137	LD.RUMFORD 12.5	144	-\$20.75	\$16.84	-\$213.42
2018	4138	LD.RUMFD_IP34.5	144	-\$20.76	\$16.84	-\$213.53
2018	4139	LD.CATALYST115	144	-\$20.75	\$16.84	-\$213.42
2018	4189	LD.PRATT&W 115	144	-\$22.87	\$16.86	-\$229.87
2018	4831	LD.DRAGONCT115	144	-\$21.65	\$16.86	-\$224.84
2018	11424	UN.RUMFD_FL11.5RUMH	144	-\$20.75	\$16.84	-\$213.42
2018	14665	UN.ROXBURY 34.5RCHW	144	-\$20.75	\$16.84	-\$213.42
2018	37953	LD.ROXBURY 34.5	144	-\$20.75	\$16.84	-\$213.42

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2018	642	UN.YARMOUTH22 YAR4	143	-\$22.33	\$16.86	-\$230.54
2018	4190	LD.QUAKR_HL34.5	143	-\$22.35	\$16.86	-\$224.66
2018	328	UN.GULFISLD34.5GULF	142	-\$21.63	\$16.86	-\$222.53
2018	358	UN.TOPSHAM 34.5BRUN	142	-\$21.94	\$16.86	-\$225.47
2018	463	UN.LVER-AEI115 LIVR	142	-\$21.27	\$16.85	-\$218.84
2018	487	UN.TOPSHAM 34.5MILR	142	-\$21.94	\$16.86	-\$225.47
2018	532	UN.TOPSHAM 34.5PEJE	142	-\$21.94	\$16.86	-\$225.47
2018	4128	LD.MASON 34.5	142	-\$21.89	\$16.86	-\$225.20
2018	4129	LD.NEWCASTL34.5	142	-\$21.90	\$16.86	-\$225.06
2018	4161	LD.LVERMORE12.5	142	-\$21.21	\$16.85	-\$218.25
2018	4162	LD.GULFISLD34.5	142	-\$21.63	\$16.86	-\$222.53
2018	4167	LD.JAY 115	142	-\$21.05	\$16.85	-\$216.68
2018	4168	LD.RILEY 12.5	142	-\$21.05	\$16.85	-\$216.68
2018	4171	LD.HOTEL_RD34.5	142	-\$21.48	\$16.85	-\$220.95
2018	4172	LD.LEWSTN_L34.5	142	-\$21.63	\$16.86	-\$222.44
2018	4173	LD.CROWLEYS34.5	142	-\$21.70	\$16.86	-\$223.08
2018	4175	LD.TOPSHAM 34.5	142	-\$21.94	\$16.86	-\$225.47
2018	4176	LD.BATH 34.5	142	-\$21.92	\$16.86	-\$225.39
2018	10512	LD.CHALLENG34.5	142	-\$21.60	\$16.85	-\$222.10
2018	13627	LD.ME_YK 13.2	142	-\$21.89	\$16.86	-\$225.22
2018	13703	UN.JAY 13.8VCG1	142	-\$21.05	\$16.85	-\$216.68
2018	13704	UN.JAY 13.8VCG2	142	-\$21.05	\$16.85	-\$216.68
2018	13705	UN.JAY 13.8VCG3	142	-\$21.05	\$16.85	-\$216.68
2018	37151	LD.HOTEL_RD12	142	-\$21.48	\$16.85	-\$220.95
2018	39676	LD.LEEDS_ME34.5	142	-\$21.39	\$16.85	-\$220.11
2018	40034	LD.MONMOUTH12	142	-\$21.70	\$16.86	-\$223.28
2018	40035	LD.MONMOUTH34.5	142	-\$21.70	\$16.86	-\$223.28
2018	40341	LD.CROWLEYS12.5	142	-\$21.70	\$16.86	-\$223.08
2018	46624	LD.CHALLENG12.5	142	-\$21.60	\$16.85	-\$222.10
2018	46637	LD.LEWSTN_L12.5	142	-\$21.63	\$16.85	-\$222.44
2018	4169	LD.WOODSTCK34.5	141	-\$20.09	\$16.84	-\$210.60
2018	4174	LD.RAYMOND 34.5	141	-\$20.63	\$16.85	-\$216.02
2018	35693	UN.WOODSTCK34.5SPMT	141	-\$20.09	\$16.84	-\$210.60
2018	4170	LD.NORWAY 34.5	140	-\$20.02	\$16.84	-\$210.47
2018	46661	LD.NORWAY 12.5	140	-\$20.02	\$16.84	-\$210.47
2018	13951	LD.KIMBL_RD34.5	137	-\$17.58	\$16.84	-\$123.65
2018	4134	LD.BOLT_HL 34.5	135	-\$13.81	\$16.85	-\$107.82
2018	4193	LD.LOVELL 34.5	135	-\$14.45	\$16.82	-\$108.29
2018	495	UN.LEWSTN_L34.5MONY	116	-\$20.41	\$16.86	-\$222.44
2018	48670	LD.MIDDLEST34.5	91	-\$7.45	\$16.86	-\$133.31
2018	48671	LD.MIDDLEST12.5	91	-\$7.45	\$16.86	-\$133.31
2018	7607	DR.ME_Portland	53	-\$16.53	\$16.86	-\$147.58
2018	7606	DR.ME_Maine	50	-\$13.67	\$16.85	-\$132.85
2018	50636	UN.MADISON 13.8MADH	50	-\$13.60	\$16.85	-\$132.20
2018	495	UN.MIDDLEST34.5MONY	26	-\$27.06	\$0.00	-\$133.31

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2019	424	UN.POWERSVL115 GNRT	756	-\$53.84	\$0.04	-\$205.64
2019	616	UN.CHSTERME46 WENF	756	-\$53.84	\$0.04	-\$205.64
2019	4077	LD.CHSTERME46	756	-\$53.84	\$0.04	-\$205.64
2019	10037	LD.POWERSVL115	756	-\$53.84	\$0.04	-\$205.64
2019	15464	UN.STETSON 34.5STET	756	-\$53.84	\$0.04	-\$205.64
2019	16612	UN.STETSON 34.5STE2	756	-\$53.84	\$0.04	-\$205.64
2019	37175	UN.ROLLINS 34.5ROLL	756	-\$53.84	\$0.04	-\$205.64
2019	43790	LD.KEENE_RD46	756	-\$53.84	\$0.04	-\$205.64
2019	46951	UN.OAKFIELD34.5OAKW	228	-\$55.00	\$0.08	-\$205.68
2019	7605	DR.ME Bangor Hydro	220	-\$50.16	\$0.04	-\$205.41
2019	40343	UN.BULL_HL 34.5BLHW	219	-\$53.69	\$0.08	-\$205.37
2019	48082	UN.BULL_HL 34.5HANW	218	-\$52.50	\$0.08	-\$205.37
2019	407	UN.WASHNGTN34.5EPTD	216	-\$52.55	\$0.08	-\$205.36
2019	446	UN.WASHNGTN34.5IND6	216	-\$52.55	\$0.08	-\$205.36
2019	4082	LD.WASHNGTN34.5	216	-\$52.55	\$0.08	-\$205.36
2019	10178	LD.DEBLOIS 34.5	216	-\$52.60	\$0.08	-\$205.37
2019	445	UN.ENFLD_ME115 IND5	213	-\$51.07	\$0.08	-\$205.58
2019	38417	UN.PASADMKG34.5PASW	208	-\$51.87	\$0.08	-\$205.51
2019	4083	LD.HARRINGT34.5	207	-\$51.88	\$0.08	-\$205.36
2019	48645	UN.PISGAH 34.5PSGW	207	-\$51.88	\$0.08	-\$205.39
2019	405	UN.ELLSWRTH34.5ELLS	206	-\$52.02	\$0.08	-\$205.34
2019	536	UN.CHEMICAL115 PERC	206	-\$52.04	\$0.08	-\$205.43
2019	4078	LD.GRAHAM 46	206	-\$52.04	\$0.08	-\$205.43
2019	4631	LD.ELLSWRTH34.5	206	-\$52.02	\$0.08	-\$205.34
2019	15386	LD.BOGGY_BK44	206	-\$52.02	\$0.08	-\$205.34
2019	15417	LD.TRENTON 34.5	206	-\$52.02	\$0.08	-\$205.34
2019	16296	UN.GRAHAM 46 MLFH	206	-\$52.04	\$0.08	-\$205.43
2019	40260	LD.TUNK 34.5	206	-\$52.03	\$0.08	-\$205.35
2019	40338	UN.GRAHAM 18.0MS1A	206	-\$52.04	\$0.08	-\$205.43
2019	40339	UN.GRAHAM 18.0MS1B	206	-\$52.04	\$0.08	-\$205.43
2019	46617	LD.BUCKSPRT34.5	206	-\$51.96	\$0.08	-\$205.07
2019	47390	UN.BUCKSPRT18.0BCK4	181	-\$53.10	\$0.08	-\$205.07
2019	432	UN.HARRIS 13.2HAR1	149	-\$35.83	\$0.96	-\$180.66
2019	433	UN.HARRIS 13.2HAR2	149	-\$35.83	\$0.96	-\$180.66
2019	434	UN.HARRIS 13.2HAR3	149	-\$35.83	\$0.96	-\$180.66
2019	590	UN.BIGELOW 115 STRA	149	-\$35.83	\$0.96	-\$180.66
2019	636	UN.WYMAN_HY13.8WYM1	149	-\$35.83	\$0.96	-\$180.66
2019	637	UN.WYMAN_HY13.8WYM2	149	-\$35.83	\$0.96	-\$180.66
2019	638	UN.WYMAN_HY13.8WYM3	149	-\$35.83	\$0.96	-\$180.66
2019	757	UN.HARRIS 13.2HAR4	149	-\$35.83	\$0.96	-\$180.66
2019	4152	LD.WYMAN_HY12.5	149	-\$35.83	\$0.96	-\$180.66
2019	4153	LD.BIGELOW 34.5	149	-\$35.83	\$0.96	-\$180.66
2019	4155	LD.HARRIS 13.2	149	-\$35.83	\$0.96	-\$180.66
2019	12551	UN.KIBBY 34.5KIBY	149	-\$35.83	\$0.96	-\$180.66
2019	37105	UN.BINGHAM 34.5BNGW	83	-\$14.16	\$0.96	-\$142.31
2019	4140	LD.BUCKSPRT13.8	61	-\$50.51	\$0.04	-\$160.88
2019	4001	Z.MAINE	60	-\$2.00	\$0.04	-\$21.55
2019	331	UN.ROXBURY 34.5AZIS	51	\$0.03	\$0.96	\$0.00
2019	345	UN.CATALYST115 BOIS	51	\$0.03	\$0.96	\$0.00
2019	617	UN.LAKEWOOD34.5WEST	51	\$0.03	\$0.96	\$0.00
2019	621	UN.WILLIAM 6.9 WILL	51	\$0.03	\$0.96	\$0.00
2019	1255	UN.RUMFD_IP18.0RUMF	51	\$0.03	\$0.96	\$0.00
2019	4137	LD.RUMFORD 12.5	51	\$0.03	\$0.96	\$0.00
2019	4138	LD.RUMFD_IP34.5	51	\$0.03	\$0.96	\$0.00
2019	4139	LD.CATALYST115	51	\$0.03	\$0.96	\$0.00
2019	4148	LD.DETROIT 34.5	51	\$0.03	\$0.96	\$0.00
2019	4150	LD.GUILFORD34.5	51	\$0.03	\$0.96	\$0.00
2019	4151	LD.HARTLAND12.5	51	\$0.03	\$0.96	\$0.00
2019	4157	LD.LAKEWOOD34.5	51	\$0.03	\$0.96	\$0.00
2019	4160	LD.STURTVNT34.5	51	\$0.03	\$0.96	\$0.00
2019	4167	LD.JAY 115	51	\$0.03	\$0.96	\$0.00
2019	4168	LD.RILEY 12.5	51	\$0.03	\$0.96	\$0.00
2019	11424	UN.RUMFD_FL11.5RUMH	51	\$0.03	\$0.96	\$0.00
2019	13703	UN.JAY 13.8VCG1	51	\$0.03	\$0.96	\$0.00
2019	13704	UN.JAY 13.8VCG2	51	\$0.03	\$0.96	\$0.00
2019	13705	UN.JAY 13.8VCG3	51	\$0.03	\$0.96	\$0.00
2019	14665	UN.ROXBURY 34.5RCHW	51	\$0.03	\$0.96	\$0.00
2019	37143	LD.ATHENSME12.5	51	\$0.03	\$0.96	\$0.00
2019	37150	LD.MADISON 34.5	51	\$0.03	\$0.96	\$0.00
2019	37953	LD.ROXBURY 34.5	51	\$0.03	\$0.96	\$0.00
2019	38173	UN.LUDDN_LN34.5SADW	51	\$0.03	\$0.96	\$0.00
2019	38738	UN.LUDDN_LN34.5CANW	51	\$0.03	\$0.96	\$0.00
2019	44009	LD.STURTVNT12.5	51	\$0.03	\$0.96	\$0.00

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2019	46734	LD.EMBDEN 12.5	51	\$0.03	\$0.96	\$0.00
2019	48960	UN.ATHENSME12.5ATHN	51	\$0.03	\$0.96	\$0.00
2019	49324	UN.HARTLAND12.5PITS	51	\$0.03	\$0.96	\$0.00
2019	50636	UN.MADISON 13.8MADH	51	\$0.03	\$0.96	\$0.00
2019	328	UN.GULFISLD34.5GULF	50	\$0.03	\$0.96	\$0.00
2019	358	UN.TOPSHAM 34.5BRUN	50	\$0.03	\$0.96	\$0.00
2019	367	UN.CAPE 13.2CAP4	50	\$0.03	\$0.96	\$0.00
2019	368	UN.CAPE 13.2CAP5	50	\$0.03	\$0.96	\$0.00
2019	369	UN.LOUDEN 34.5CATR	50	\$0.03	\$0.96	\$0.00
2019	440	UN.W_BUXTON34.5HIRM	50	\$0.03	\$0.96	\$0.00
2019	460	UN.WINSLOW 34.5LCKW	50	\$0.03	\$0.96	\$0.00
2019	463	UN.LVER-AEI115 LIVR	50	\$0.03	\$0.96	\$0.00
2019	487	UN.TOPSHAM 34.5MILR	50	\$0.03	\$0.96	\$0.00
2019	495	UN.MIDDLEST34.5MONY	50	\$0.03	\$0.96	\$0.00
2019	532	UN.TOPSHAM 34.5PEJE	50	\$0.03	\$0.96	\$0.00
2019	542	UN.SPRNG_ST34.5PTRR	50	\$0.03	\$0.96	\$0.00
2019	569	UN.LOUDEN 34.5SKEL	50	\$0.03	\$0.96	\$0.00
2019	591	UN.PRID_CRN34.5SWBK	50	\$0.03	\$0.96	\$0.00
2019	639	UN.YARMOUTH13.2YAR1	50	\$0.03	\$0.96	\$0.00
2019	640	UN.YARMOUTH13.2YAR2	50	\$0.03	\$0.96	\$0.00
2019	641	UN.YARMOUTH13.8YAR3	50	\$0.03	\$0.96	\$0.00
2019	642	UN.YARMOUTH22 YAR4	50	\$0.03	\$0.96	\$0.00
2019	754	UN.LOUDEN 34.5BARM	50	\$0.03	\$0.96	\$0.00
2019	755	UN.W_BUXTON34.5BONE	50	\$0.03	\$0.96	\$0.00
2019	760	UN.LOUDEN 34.5NGOR	50	\$0.03	\$0.96	\$0.00
2019	761	UN.WINSLOW 34.5SHAW	50	\$0.03	\$0.96	\$0.00
2019	2426	UN.WINSLOW 34.5UNAH	50	\$0.03	\$0.96	\$0.00
2019	4128	LD.MASON 34.5	50	\$0.03	\$0.96	\$0.00
2019	4129	LD.NEWCASTL34.5	50	\$0.03	\$0.96	\$0.00
2019	4130	LD.YARMOUTH34.5	50	\$0.03	\$0.96	\$0.00
2019	4132	LD.W_BUXTON34.5	50	\$0.03	\$0.96	\$0.00
2019	4133	LD.WATERBOR12.5	50	\$0.03	\$0.96	\$0.00
2019	4134	LD.BOLT_HL 34.5	50	\$0.03	\$0.96	\$0.00
2019	4141	LD.BELFAST 34.5	50	\$0.03	\$0.96	\$0.00
2019	4142	LD.WINSLOW 34.5	50	\$0.03	\$0.96	\$0.00
2019	4143	LD.HIGHLAND34.5	50	\$0.03	\$0.96	\$0.00
2019	4144	LD.LINCOLNV34.5	50	\$0.03	\$0.96	\$0.00
2019	4145	LD.MEADW_RD34.5	50	\$0.03	\$0.96	\$0.00
2019	4146	LD.PARK_ST 34.5	50	\$0.03	\$0.96	\$0.00
2019	4149	LD.N_AUGSTA12.5	50	\$0.03	\$0.96	\$0.00
2019	4158	LD.RICERIPS34.5	50	\$0.03	\$0.96	\$0.00
2019	4161	LD.LVERMORE12.5	50	\$0.03	\$0.96	\$0.00
2019	4162	LD.GULFISLD34.5	50	\$0.03	\$0.96	\$0.00
2019	4163	LD.BOWMN_ST34.5	50	\$0.03	\$0.96	\$0.00
2019	4164	LD.PUDDLCK34.5	50	\$0.03	\$0.96	\$0.00
2019	4165	LD.AUGSTA_E34.5	50	\$0.03	\$0.96	\$0.00
2019	4166	LD.BROWN_CR12.5	50	\$0.03	\$0.96	\$0.00
2019	4169	LD.WOODSTCK34.5	50	\$0.03	\$0.96	\$0.00
2019	4170	LD.NORWAY 34.5	50	\$0.03	\$0.96	\$0.00
2019	4171	LD.HOTEL_RD34.5	50	\$0.03	\$0.96	\$0.00
2019	4173	LD.CROWLEYS34.5	50	\$0.03	\$0.96	\$0.00
2019	4174	LD.RAYMOND 34.5	50	\$0.03	\$0.96	\$0.00
2019	4175	LD.TOPSHAM 34.5	50	\$0.03	\$0.96	\$0.00
2019	4176	LD.BATH 34.5	50	\$0.03	\$0.96	\$0.00
2019	4177	LD.MOSHERS 34.5	50	\$0.03	\$0.96	\$0.00
2019	4178	LD.ELM_ST 34.5	50	\$0.03	\$0.96	\$0.00
2019	4179	LD.SPRNG_ST34.5	50	\$0.03	\$0.96	\$0.00
2019	4181	LD.REDBROOK34.5	50	\$0.03	\$0.96	\$0.00
2019	4182	LD.PLSNT_HL34.5	50	\$0.03	\$0.96	\$0.00
2019	4183	LD.HNKLY_PD12.5	50	\$0.03	\$0.96	\$0.00
2019	4184	LD.CAPE 34.5	50	\$0.03	\$0.96	\$0.00
2019	4185	LD.SEWAL_ST34.5	50	\$0.03	\$0.96	\$0.00
2019	4186	LD.PRID_CRN34.5	50	\$0.03	\$0.96	\$0.00
2019	4187	LD.LOUDEN 34.5	50	\$0.03	\$0.96	\$0.00
2019	4188	LD.BIDDEFRD34.5	50	\$0.03	\$0.96	\$0.00
2019	4189	LD.PRATT&W 115	50	\$0.03	\$0.96	\$0.00
2019	4190	LD.QUAKR_HL34.5	50	\$0.03	\$0.96	\$0.00
2019	4191	LD.BRANCH 34.5	50	\$0.03	\$0.96	\$0.00
2019	4192	LD.SANFORD 34.5	50	\$0.03	\$0.96	\$0.00
2019	4193	LD.LOVELL 34.5	50	\$0.03	\$0.96	\$0.00
2019	4831	LD.DRAGONCT115	50	\$0.03	\$0.96	\$0.00
2019	7606	DR.ME_Maine	50	\$0.03	\$0.96	-\$0.04
2019	7607	DR.ME_Portland	50	\$0.03	\$0.96	\$0.00

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2019	10512	LD.CHALLENG34.5	50	\$0.03	\$0.96	\$0.00
2019	10846	LD.FRIVR_ME12.5	50	\$0.03	\$0.96	\$0.00
2019	13627	LD.ME_YK 13.2	50	\$0.03	\$0.96	\$0.00
2019	13692	LD.W_KENNEB115	50	\$0.03	\$0.96	\$0.00
2019	13951	LD.KIMBL_RD34.5	50	\$0.03	\$0.96	\$0.00
2019	14177	UN.WESTBRK 18.0WE1A	50	\$0.03	\$0.96	\$0.00
2019	14178	UN.WESTBRK 18.0WE1B	50	\$0.03	\$0.96	\$0.00
2019	14796	LD.MUSSEYRD34.5	50	\$0.03	\$0.96	\$0.00
2019	35693	UN.WOODSTCK34.5SPMT	50	\$0.03	\$0.96	\$0.00
2019	37151	LD.HOTEL_RD12	50	\$0.03	\$0.96	\$0.00
2019	39676	LD.LEEDS_ME34.5	50	\$0.03	\$0.96	\$0.00
2019	39719	LD.PLSNT_HL12.5	50	\$0.03	\$0.96	\$0.00
2019	39990	LD.GOOSEFAR12	50	\$0.03	\$0.96	\$0.00
2019	40034	LD.MONMOUTH12	50	\$0.03	\$0.96	\$0.00
2019	40035	LD.MONMOUTH34.5	50	\$0.03	\$0.96	\$0.00
2019	40299	LD.VALLY_LN34.5	50	\$0.03	\$0.96	\$0.00
2019	40341	LD.CROWLEYS12.5	50	\$0.03	\$0.96	\$0.00
2019	43592	LD.N_AUGSTA34.5	50	\$0.03	\$0.96	\$0.00
2019	44033	LD.COOPERML12.5	50	\$0.03	\$0.96	\$0.00
2019	46609	LD.BIDDEFRD12.5	50	\$0.03	\$0.96	\$0.00
2019	46610	LD.BRANCH 12.5	50	\$0.03	\$0.96	\$0.00
2019	46624	LD.CHALLENG12.5	50	\$0.03	\$0.96	\$0.00
2019	46637	LD.LEWSTN_L12.5	50	\$0.03	\$0.96	\$0.00
2019	46655	LD.MOSHERS 12.5	50	\$0.03	\$0.96	\$0.00
2019	46661	LD.NORWAY 12.5	50	\$0.03	\$0.96	\$0.00
2019	46678	LD.ELM_ST 12.5	50	\$0.03	\$0.96	\$0.00
2019	46681	LD.SEWAL_ST12.5	50	\$0.03	\$0.96	\$0.00
2019	46726	LD.PRID_CRN12.5	50	\$0.03	\$0.96	\$0.00
2019	46728	LD.2121A_T 34.5	50	\$0.03	\$0.96	\$0.00
2019	46729	LD.STICKNEY34.5	50	\$0.03	\$0.96	\$0.00
2019	46730	LD.UNION 34.5	50	\$0.03	\$0.96	\$0.00
2019	46950	LD.SPRNG_ST12.5	50	\$0.03	\$0.96	\$0.00
2019	48670	LD.MIDDLEST34.5	50	\$0.03	\$0.96	\$0.00
2019	48671	LD.MIDDLEST12.5	50	\$0.03	\$0.96	\$0.00
2019	50121	UN.BELFAST 34.5GEOR	50	\$0.03	\$0.96	\$0.00
2019	49024	LD.LUDDN_LN34.5	39	\$0.01	\$0.21	\$0.00
2019	66234	UN.SAPHINCK115 SAPI	39	\$0.01	\$0.21	\$0.00
2019	66252	LD.SAPHINCK115	39	\$0.01	\$0.21	\$0.00
2019	40653	UN.MADISON 34.5MADB	37	\$0.01	\$0.21	\$0.00
2019	67487	UN.YARMOUTH6.9 CABB	37	\$0.01	\$0.21	\$0.00
2019	67490	AR.YARMOUTH6.9 CABBD	37	\$0.01	\$0.21	\$0.00
2019	67492	AR.MADISON 34.5MADBD	37	\$0.01	\$0.21	\$0.00
2019	47390	UN.BUCKSPRT18.0BKSP	25	-\$43.63	\$0.04	-\$160.88
2019	48724	UN.YARMOUTH6.9 CASB	13	\$0.08	\$0.96	\$0.00
2019	1107	UN.SAPHINCK13.8SOMR	12	\$0.09	\$0.96	\$0.00
2019	4156	LD.SAPHINCK13.8	12	\$0.09	\$0.96	\$0.00
2019	68258	LD.COUNTYRD34.5	12	\$0.01	\$0.08	\$0.00
2019	4136	LD.MADISON 13.8	2	\$0.00	\$0.00	\$0.00
2019	4172	LD.LEWSTN_L34.5	2	\$0.00	\$0.00	\$0.00

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2020	424	UN.POWERSVL115 GNRT	905	-\$45.55	\$0.00	-\$311.64
2020	616	UN.CHSTERME46 WENF	905	-\$45.55	\$0.00	-\$311.64
2020	4077	LD.CHSTERME46	905	-\$45.55	\$0.00	-\$311.64
2020	10037	LD.POWERSVL115	905	-\$45.55	\$0.00	-\$311.64
2020	15464	UN.STETSON 34.5STET	905	-\$45.55	\$0.00	-\$311.64
2020	16612	UN.STETSON 34.5STE2	905	-\$45.55	\$0.00	-\$311.64
2020	37175	UN.ROLLINS 34.5ROLL	905	-\$45.55	\$0.00	-\$311.64
2020	43790	LD.KEENE_RD46	905	-\$45.55	\$0.00	-\$311.64
2020	40343	UN.BULL_HL 34.5BLHW	263	-\$88.16	\$0.11	-\$206.98
2020	12551	UN.KIBBY 34.5KIBY	257	-\$49.50	\$0.35	-\$176.83
2020	48082	UN.BULL_HL 34.5SHANW	215	-\$68.00	\$0.11	-\$206.98
2020	407	UN.WASHNGTN34.5EPTD	188	-\$64.03	\$0.11	-\$206.97
2020	446	UN.WASHNGTN34.5IND6	188	-\$64.03	\$0.11	-\$206.97
2020	4082	LD.WASHNGTN34.5	188	-\$64.03	\$0.11	-\$206.97
2020	10178	LD.DEBLOIS 34.5	188	-\$64.03	\$0.11	-\$206.97
2020	37105	UN.BINGHAM 34.5BNGW	168	-\$41.69	\$0.35	-\$111.18
2020	7605	DR.ME_Bangor_Hydro	149	-\$37.87	\$0.00	-\$207.03
2020	69256	UN.POWERSVL115 MLNB	149	-\$46.74	\$0.00	-\$311.64
2020	69257	AR.POWERSVL115 MLNBD	149	-\$46.74	\$0.00	-\$311.64
2020	68734	UN.BULL_HL 34.5WEVW	139	-\$83.47	\$0.00	-\$190.31
2020	4083	LD.HARRINGT34.5	125	-\$42.85	\$0.11	-\$206.97
2020	405	UN.ELLSWRTH34.5ELLS	124	-\$43.03	\$0.11	-\$206.94
2020	445	UN.ENFLD_ME115 IND5	124	-\$43.08	\$0.11	-\$207.19
2020	536	UN.CHEMICAL115 PERC	124	-\$43.04	\$0.11	-\$207.03
2020	4078	LD.GRAHAM 46	124	-\$43.05	\$0.11	-\$207.03
2020	4631	LD.ELLSWRTH34.5	124	-\$43.03	\$0.11	-\$206.94
2020	15386	LD.BOGGY_BK44	124	-\$43.03	\$0.11	-\$206.94
2020	15417	LD.TRENTON 34.5	124	-\$43.03	\$0.11	-\$206.94
2020	16296	UN.GRAHAM 46 MLFH	124	-\$43.05	\$0.11	-\$207.03
2020	38417	UN.PASADMKG34.5PASW	124	-\$43.06	\$0.11	-\$207.11
2020	40260	LD.TUNK 34.5	124	-\$43.03	\$0.11	-\$206.95
2020	40338	UN.GRAHAM 18.0MS1A	124	-\$43.05	\$0.11	-\$207.03
2020	40339	UN.GRAHAM 18.0MS1B	124	-\$43.05	\$0.11	-\$207.03
2020	46617	LD.BUCKSPRT34.5	124	-\$42.97	\$0.11	-\$206.66
2020	46951	UN.OAKFIELD34.5OAKW	124	-\$43.10	\$0.11	-\$207.28
2020	47390	UN.BUCKSPRT18.0BCK4	124	-\$42.97	\$0.11	-\$206.66
2020	48645	UN.PISGAH 34.5PSGW	124	-\$43.04	\$0.11	-\$206.99
2020	432	UN.HARRIS 13.2HAR1	118	-\$44.29	\$0.35	-\$176.83
2020	433	UN.HARRIS 13.2HAR2	118	-\$44.29	\$0.35	-\$176.83
2020	434	UN.HARRIS 13.2HAR3	118	-\$44.29	\$0.35	-\$176.83
2020	590	UN.BIGELOW 115 STRA	118	-\$44.29	\$0.35	-\$176.83
2020	636	UN.WYMAN_HY13.8WYM1	118	-\$44.29	\$0.35	-\$176.83
2020	637	UN.WYMAN_HY13.8WYM2	118	-\$44.29	\$0.35	-\$176.83
2020	638	UN.WYMAN_HY13.8WYM3	118	-\$44.29	\$0.35	-\$176.83
2020	757	UN.HARRIS 13.2HAR4	118	-\$44.29	\$0.35	-\$176.83
2020	4152	LD.WYMAN_HY12.5	118	-\$44.29	\$0.35	-\$176.83
2020	4153	LD.BIGELOW 34.5	118	-\$44.29	\$0.35	-\$176.83
2020	4155	LD.HARRIS 13.2	118	-\$44.29	\$0.35	-\$176.83
2020	4001	Z.MAINE	35	-\$2.88	\$0.01	-\$22.91
2020	328	UN.GULFISLD34.5GULF	32	-\$1.89	\$0.35	-\$23.60
2020	331	UN.ROXBURY 34.5AZIS	32	-\$1.89	\$0.35	-\$23.58
2020	345	UN.9DRAGONS115 BOIS	32	-\$1.89	\$0.35	-\$23.58
2020	358	UN.TOPSHAM 34.5BRUN	32	-\$1.90	\$0.35	-\$23.61
2020	367	UN.CAPE 13.2CAP4	32	-\$1.97	\$0.35	-\$23.99
2020	368	UN.CAPE 13.2CAP5	32	-\$1.97	\$0.35	-\$23.99
2020	369	UN.LOUDEN 34.5CATR	32	-\$2.02	\$0.35	-\$25.03
2020	440	UN.W_BUXTON34.5HIRM	32	-\$2.00	\$0.35	-\$24.61
2020	460	UN.WINSLOW 34.5LCKW	32	-\$1.89	\$0.35	-\$23.61
2020	463	UN.LVER-AEI115 LIVR	32	-\$1.89	\$0.35	-\$23.59
2020	487	UN.TOPSHAM 34.5MILR	32	-\$1.90	\$0.35	-\$23.61
2020	495	UN.MIDDLEST34.5MONY	32	-\$1.89	\$0.35	-\$23.60
2020	532	UN.TOPSHAM 34.5PEJE	32	-\$1.90	\$0.35	-\$23.61
2020	542	UN.SPRNG_ST34.5PTRR	32	-\$1.97	\$0.35	-\$24.02
2020	569	UN.LOUDEN 34.5SKEL	32	-\$2.02	\$0.35	-\$25.03
2020	591	UN.PRID_CRN34.5SWBK	32	-\$1.95	\$0.35	-\$23.68
2020	617	UN.LAKEWOOD34.5WEST	32	-\$1.89	\$0.35	-\$23.61
2020	621	UN.WILLIAM 6.9 WILL	32	-\$1.89	\$0.35	-\$23.61
2020	641	UN.YARMOUTH13.8YAR3	32	-\$1.97	\$0.35	-\$23.98
2020	642	UN.YARMOUTH22 YAR4	32	-\$1.91	\$0.35	-\$23.62
2020	754	UN.LOUDEN 34.5BARM	32	-\$2.02	\$0.35	-\$25.03
2020	755	UN.W_BUXTON34.5BONE	32	-\$2.00	\$0.35	-\$24.61
2020	760	UN.LOUDEN 34.5NGOR	32	-\$2.02	\$0.35	-\$25.03
2020	761	UN.WINSLOW 34.5SHAW	32	-\$1.89	\$0.35	-\$23.61

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2020	1255	UN.RUMFD_IP18.0RUMF	32	-\$1.89	\$0.35	-\$23.58
2020	2426	UN.WINSLOW 34.5UNAH	32	-\$1.89	\$0.35	-\$23.61
2020	4128	LD.MASON 34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4129	LD.NEWCASTL34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4130	LD.YARMOUTH34.5	32	-\$1.97	\$0.35	-\$23.98
2020	4132	LD.W_BUXTON34.5	32	-\$2.00	\$0.35	-\$24.61
2020	4133	LD.WATERBOR12.5	32	-\$2.02	\$0.35	-\$25.07
2020	4137	LD.RUMFORD 12.5	32	-\$1.89	\$0.35	-\$23.58
2020	4138	LD.RUMFD_IP34.5	32	-\$1.89	\$0.35	-\$23.58
2020	4139	LD.9DRAGON5115	32	-\$1.89	\$0.35	-\$23.58
2020	4141	LD.BELFAST 34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4142	LD.WINSLOW 34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4143	LD.HIGHLAND34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4144	LD.LINCOLNV34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4145	LD.MEADW_RD34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4146	LD.PARK_ST 34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4148	LD.DETROIT 34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4149	LD.N_AUGSTA12.5	32	-\$1.89	\$0.35	-\$23.61
2020	4150	LD.GUILFORD34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4151	LD.HARTLAND12.5	32	-\$1.89	\$0.35	-\$23.61
2020	4157	LD.LAKEWOOD34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4160	LD.STURTVNT34.5	32	-\$1.89	\$0.35	-\$23.60
2020	4161	LD.LVERMORE12.5	32	-\$1.89	\$0.35	-\$23.59
2020	4162	LD.GULFISLD34.5	32	-\$1.89	\$0.35	-\$23.60
2020	4163	LD.BOWMN_ST34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4164	LD.PUDDLCK34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4165	LD.AUGSTA_E34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4166	LD.BROWN_CR12.5	32	-\$1.89	\$0.35	-\$23.61
2020	4167	LD.JAY 115	32	-\$1.89	\$0.35	-\$23.59
2020	4168	LD.RILEY 12.5	32	-\$1.89	\$0.35	-\$23.59
2020	4169	LD.WOODSTCK34.5	32	-\$1.89	\$0.35	-\$23.57
2020	4170	LD.NORWAY 34.5	32	-\$1.89	\$0.35	-\$23.58
2020	4171	LD.HOTEL_RD34.5	32	-\$1.89	\$0.35	-\$23.60
2020	4173	LD.CROWLEYS34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4174	LD.RAYMOND 34.5	32	-\$1.90	\$0.35	-\$23.59
2020	4175	LD.TOPSHAM 34.5	32	-\$1.90	\$0.35	-\$23.61
2020	4176	LD.BATH 34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4177	LD.MOSHERS 34.5	32	-\$1.96	\$0.35	-\$23.94
2020	4178	LD.ELM_ST 34.5	32	-\$1.97	\$0.35	-\$23.99
2020	4179	LD.SPRNG_ST34.5	32	-\$1.97	\$0.35	-\$24.02
2020	4181	LD.REDBROOK34.5	32	-\$1.97	\$0.35	-\$24.03
2020	4182	LD.PLSNT_HL34.5	32	-\$1.97	\$0.35	-\$24.01
2020	4183	LD.HNKLY_PD12.5	32	-\$1.97	\$0.35	-\$24.00
2020	4184	LD.CAPE 34.5	32	-\$1.97	\$0.35	-\$23.99
2020	4185	LD.SEWAL_ST34.5	32	-\$1.97	\$0.35	-\$23.99
2020	4186	LD.PRID_CRN34.5	32	-\$1.95	\$0.35	-\$23.68
2020	4187	LD.LOUDEN 34.5	32	-\$2.02	\$0.35	-\$25.03
2020	4188	LD.BIDDEFRD34.5	32	-\$2.04	\$0.35	-\$25.40
2020	4189	LD.PRATT&W 115	32	-\$1.92	\$0.35	-\$23.58
2020	4190	LD.QUAKR_HL34.5	32	-\$1.88	\$0.35	-\$23.58
2020	4191	LD.BRANCH 34.5	32	-\$2.08	\$0.35	-\$26.17
2020	4192	LD.SANFORD 34.5	32	-\$2.06	\$0.35	-\$25.73
2020	4193	LD.LOVELL 34.5	32	-\$1.89	\$0.35	-\$23.50
2020	4831	LD.DRAGONCT115	32	-\$1.89	\$0.35	-\$23.61
2020	7606	DR.ME_Maine	32	-\$1.89	\$0.35	-\$23.60
2020	7607	DR.ME_Portland	32	-\$1.89	\$0.35	-\$23.61
2020	10512	LD.CHALLENG34.5	32	-\$1.89	\$0.35	-\$23.60
2020	10846	LD.FRIVR_ME12.5	32	-\$1.97	\$0.35	-\$23.99
2020	11424	UN.RUMFD_FL11.5RUMH	32	-\$1.89	\$0.35	-\$23.58
2020	13627	LD.ME_YK 13.2	32	-\$1.89	\$0.35	-\$23.61
2020	13692	LD.W_KENNEB115	32	-\$2.07	\$0.35	-\$26.01
2020	13703	UN.JAY 13.8VCG1	32	-\$1.89	\$0.35	-\$23.59
2020	13704	UN.JAY 13.8VCG2	32	-\$1.89	\$0.35	-\$23.59
2020	13705	UN.JAY 13.8VCG3	32	-\$1.89	\$0.35	-\$23.59
2020	13951	LD.KIMBL_RD34.5	32	-\$1.89	\$0.35	-\$23.56
2020	14177	UN.WESTBRK 18.0WE1A	32	-\$1.97	\$0.35	-\$24.05
2020	14178	UN.WESTBRK 18.0WE1B	32	-\$1.97	\$0.35	-\$24.05
2020	14665	UN.ROXBURY 34.5RCHW	32	-\$1.89	\$0.35	-\$23.58
2020	14796	LD.MUSSEYRD34.5	32	-\$1.97	\$0.35	-\$24.03
2020	35693	UN.WOODSTCK34.5SPMT	32	-\$1.89	\$0.35	-\$23.57
2020	37143	LD.ATHENSME12.5	32	-\$1.89	\$0.35	-\$23.61
2020	37150	LD.MADISON 34.5	32	-\$1.89	\$0.35	-\$23.60
2020	37151	LD.HOTEL_RD12	32	-\$1.89	\$0.35	-\$23.60

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2020	37953	LD.ROXBURY 34.5	32	-\$1.89	\$0.35	-\$23.58
2020	38173	UN.LUDDN_LN34.5SADW	32	-\$1.89	\$0.35	-\$23.59
2020	38738	UN.LUDDN_LN34.5SCANW	32	-\$1.89	\$0.35	-\$23.59
2020	39676	LD.LEEDS_ME34.5	32	-\$1.89	\$0.35	-\$23.60
2020	39719	LD.PLSNT_HL12.5	32	-\$1.97	\$0.35	-\$24.01
2020	39990	LD.GOOSEFAR12	32	-\$2.02	\$0.35	-\$25.03
2020	40034	LD.MONMOUTH12	32	-\$1.89	\$0.35	-\$23.61
2020	40035	LD.MONMOUTH34.5	32	-\$1.89	\$0.35	-\$23.61
2020	40299	LD.VALLY_LN34.5	32	-\$2.02	\$0.35	-\$25.03
2020	40341	LD.CROWLEYS12.5	32	-\$1.89	\$0.35	-\$23.61
2020	40653	UN.MADISON 34.5MADB	32	-\$1.89	\$0.35	-\$23.60
2020	43592	LD.N_AUGSTA34.5	32	-\$1.89	\$0.35	-\$23.61
2020	44009	LD.STURTVNT12.5	32	-\$1.89	\$0.35	-\$23.60
2020	44033	LD.COOPERML12.5	32	-\$1.89	\$0.35	-\$23.61
2020	46609	LD.BIDDEFRD12.5	32	-\$2.04	\$0.35	-\$25.40
2020	46610	LD.BRANCH 12.5	32	-\$2.08	\$0.35	-\$26.17
2020	46624	LD.CHALLENG12.5	32	-\$1.89	\$0.35	-\$23.60
2020	46637	LD.LEWSTN_L12.5	32	-\$1.89	\$0.35	-\$23.60
2020	46655	LD.MOSHERS 12.5	32	-\$1.96	\$0.35	-\$23.94
2020	46661	LD.NORWAY 12.5	32	-\$1.89	\$0.35	-\$23.58
2020	46678	LD.ELM_ST 12.5	32	-\$1.97	\$0.35	-\$23.99
2020	46681	LD.SEWAL_ST12.5	32	-\$1.97	\$0.35	-\$23.99
2020	46726	LD.PRID_CRN12.5	32	-\$1.95	\$0.35	-\$23.68
2020	46728	LD.2121A_T 34.5	32	-\$1.89	\$0.35	-\$23.61
2020	46729	LD.STICKNEY34.5	32	-\$1.89	\$0.35	-\$23.61
2020	46730	LD.UNION 34.5	32	-\$1.89	\$0.35	-\$23.61
2020	46734	LD.EMBDEN 12.5	32	-\$1.89	\$0.35	-\$23.61
2020	46950	LD.SPRNG_ST12.5	32	-\$1.97	\$0.35	-\$24.02
2020	48670	LD.MIDDLEST34.5	32	-\$1.89	\$0.35	-\$23.60
2020	48671	LD.MIDDLEST12.5	32	-\$1.89	\$0.35	-\$23.60
2020	48960	UN.ATHENSME12.5ATHN	32	-\$1.89	\$0.35	-\$23.61
2020	49024	LD.LUDDN_LN34.5	32	-\$1.89	\$0.35	-\$23.59
2020	49324	UN.HARTLAND12.5PITS	32	-\$1.89	\$0.35	-\$23.61
2020	50121	UN.BELFAST 34.5GEOR	32	-\$1.89	\$0.35	-\$23.61
2020	50636	UN.MADISON 13.8MADH	32	-\$1.89	\$0.35	-\$23.60
2020	66234	UN.SAPHINCK115 SAPI	32	-\$1.89	\$0.35	-\$23.61
2020	66252	LD.SAPHINCK115	32	-\$1.89	\$0.35	-\$23.61
2020	67487	UN.YARMOUTH6.9 CABB	32	-\$1.97	\$0.35	-\$23.98
2020	67490	AR.YARMOUTH6.9 CABBD	32	-\$1.97	\$0.35	-\$23.98
2020	67492	AR.MADISON 34.5MADBD	32	-\$1.89	\$0.35	-\$23.60
2020	68258	LD.COUNTYRD34.5	32	-\$1.89	\$0.35	-\$23.61
2020	4134	LD.BOLT_HL 34.5	30	-\$0.52	\$0.35	-\$16.39
2020	4158	LD.RICERIPS34.5	25	-\$0.93	\$0.11	-\$23.61
2020	639	UN.YARMOUTH13.2YAR1	19	\$0.01	\$0.08	\$0.00
2020	640	UN.YARMOUTH13.2YAR2	19	\$0.01	\$0.08	\$0.00
2020	68737	UN.CYRO_DR 34.5SANS	9	-\$4.76	\$0.35	-\$25.84

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2021	424	UN.POWERSVL115 GNRT	820	-\$89.85	\$0.02	-\$233.10
2021	616	UN.CHSTERME46 WENF	820	-\$89.85	\$0.02	-\$233.10
2021	4077	LD.CHSTERME46	820	-\$89.85	\$0.02	-\$233.10
2021	10037	LD.POWERSVL115	820	-\$89.85	\$0.02	-\$233.10
2021	15464	UN.STETSON 34.5STET	820	-\$89.85	\$0.02	-\$233.10
2021	16612	UN.STETSON 34.5STE2	820	-\$89.85	\$0.02	-\$233.10
2021	37175	UN.ROLLINS 34.5ROLL	820	-\$89.85	\$0.02	-\$233.10
2021	43790	LD.KEENE_RD46	820	-\$89.85	\$0.02	-\$233.10
2021	69256	UN.POWERSVL115 MLNB	820	-\$89.85	\$0.02	-\$233.10
2021	69257	AR.POWERSVL115 MLNBD	820	-\$89.85	\$0.02	-\$233.10
2021	40343	UN.BULL_HL 34.5BLHW	619	-\$52.08	\$0.12	-\$233.10
2021	48082	UN.BULL_HL 34.5HANW	619	-\$52.08	\$0.12	-\$233.10
2021	68734	UN.BULL_HL 34.5WEVW	619	-\$52.08	\$0.12	-\$233.10
2021	10178	LD.DEBLOIS 34.5	453	-\$54.36	\$0.12	-\$233.10
2021	446	UN.WASHNGTN34.5IND6	432	-\$55.09	\$0.12	-\$233.10
2021	407	UN.WASHNGTN34.5EPTD	426	-\$55.04	\$0.12	-\$233.10
2021	4082	LD.WASHNGTN34.5	426	-\$55.04	\$0.12	-\$233.10
2021	37105	UN.BINGHAM 34.5BNGW	236	-\$60.79	\$0.12	-\$150.80
2021	7605	DR.ME_Bangor_Hydro	178	-\$72.27	\$0.02	-\$233.10
2021	445	UN.ENFLD_ME115 IND5	173	-\$71.20	\$0.12	-\$233.10
2021	4083	LD.HARRINGT34.5	171	-\$71.12	\$0.12	-\$233.10
2021	38417	UN.PASADMKG34.5PASW	171	-\$71.31	\$0.12	-\$233.10
2021	46951	UN.OAKFIELD34.5OAKW	170	-\$71.45	\$0.12	-\$233.10
2021	405	UN.ELLSWRTH34.5ELLS	169	-\$71.76	\$0.12	-\$233.10
2021	536	UN.CHEMICAL115 PERC	169	-\$71.76	\$0.12	-\$233.10
2021	4078	LD.GRAHAM 46	169	-\$71.76	\$0.12	-\$233.10
2021	4631	LD.ELLSWRTH34.5	169	-\$71.76	\$0.12	-\$233.10
2021	15386	LD.BOGGY_BK44	169	-\$71.76	\$0.12	-\$233.10
2021	15417	LD.TRENTON 34.5	169	-\$71.76	\$0.12	-\$233.10
2021	16296	UN.GRAHAM 46 MLFH	169	-\$71.76	\$0.12	-\$233.10
2021	40260	LD.TUNK 34.5	169	-\$71.76	\$0.12	-\$233.10
2021	40338	UN.GRAHAM 18.0MS1A	169	-\$71.76	\$0.12	-\$233.10
2021	40339	UN.GRAHAM 18.0MS1B	169	-\$71.76	\$0.12	-\$233.10
2021	48645	UN.PISGAH 34.5PSGW	169	-\$71.76	\$0.12	-\$233.10
2021	46617	LD.BUCKSPRT34.5	168	-\$71.89	\$0.12	-\$233.10
2021	47390	UN.BUCKSPRT18.0BCK4	168	-\$71.89	\$0.12	-\$233.10
2021	12551	UN.KIBBY 34.5KIBY	78	-\$46.61	\$0.12	-\$164.93
2021	590	UN.BIGELOW 115 STRA	74	-\$41.15	\$0.12	-\$101.88
2021	4153	LD.BIGELOW 34.5	74	-\$41.15	\$0.12	-\$101.88
2021	432	UN.HARRIS 13.2HAR1	73	-\$41.40	\$0.12	-\$101.88
2021	433	UN.HARRIS 13.2HAR2	73	-\$41.40	\$0.12	-\$101.88
2021	434	UN.HARRIS 13.2HAR3	73	-\$41.40	\$0.12	-\$101.88
2021	636	UN.WYMAN_HY13.8WYM1	73	-\$41.40	\$0.12	-\$101.88
2021	637	UN.WYMAN_HY13.8WYM2	73	-\$41.40	\$0.12	-\$101.88
2021	638	UN.WYMAN_HY13.8WYM3	73	-\$41.40	\$0.12	-\$101.88
2021	757	UN.HARRIS 13.2HAR4	73	-\$41.40	\$0.12	-\$101.88
2021	4152	LD.WYMAN_HY12.5	73	-\$41.40	\$0.12	-\$101.88
2021	4155	LD.HARRIS 13.2	73	-\$41.40	\$0.12	-\$101.88
2021	331	UN.ROXBURY 34.5AZIS	32	-\$3.99	\$0.12	-\$70.78
2021	345	UN.9DRAGONS115 BOIS	32	-\$3.99	\$0.12	-\$70.78
2021	1255	UN.RUMFD_IP18.0RUMF	32	-\$3.99	\$0.12	-\$70.78
2021	4137	LD.RUMFORD 12.5	32	-\$3.99	\$0.12	-\$70.78
2021	4138	LD.RUMFD_IP34.5	32	-\$3.99	\$0.12	-\$70.78
2021	4139	LD.9DRAGONS115	32	-\$3.99	\$0.12	-\$70.78
2021	11424	UN.RUMFD_FL11.5RUMH	32	-\$3.99	\$0.12	-\$70.78
2021	14665	UN.ROXBURY 34.5RCHW	32	-\$3.99	\$0.12	-\$70.78
2021	37953	LD.ROXBURY 34.5	32	-\$3.99	\$0.12	-\$70.78
2021	38173	UN.LUDDN_LN34.5SADW	32	-\$3.99	\$0.12	-\$70.78
2021	38738	UN.LUDDN_LN34.5CANW	32	-\$3.99	\$0.12	-\$70.78
2021	49024	LD.LUDDN_LN34.5	32	-\$3.99	\$0.12	-\$70.78
2021	460	UN.WINSLOW 34.5LCKW	31	-\$0.91	\$0.12	-\$28.73
2021	617	UN.LAKEWOOD34.5WEST	31	-\$0.91	\$0.12	-\$28.73
2021	621	UN.WILLIAM 6.9 WILL	31	-\$0.91	\$0.12	-\$28.74
2021	761	UN.WINSLOW 34.5SHAW	31	-\$0.91	\$0.12	-\$28.73
2021	2426	UN.WINSLOW 34.5UNAH	31	-\$0.91	\$0.12	-\$28.73
2021	4001	.Z.MAINE	31	-\$0.16	\$0.02	-\$1.27
2021	4141	LD.BELFAST 34.5	31	-\$0.91	\$0.12	-\$28.69
2021	4142	LD.WINSLOW 34.5	31	-\$0.91	\$0.12	-\$28.73
2021	4144	LD.LINCOLNV34.5	31	-\$0.91	\$0.12	-\$28.68
2021	4148	LD.DETROIT 34.5	31	-\$0.91	\$0.12	-\$28.73
2021	4149	LD.N_AUGSTA12.5	31	-\$0.91	\$0.12	-\$28.73

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2021	4150	LD.GUILFORD34.5	31	-\$0.91	\$0.12	-\$28.73
2021	4151	LD.HARTLAND12.5	31	-\$0.91	\$0.12	-\$28.73
2021	4157	LD.LAKEWOOD34.5	31	-\$0.91	\$0.12	-\$28.73
2021	4160	LD.STURTVNT34.5	31	-\$0.91	\$0.12	-\$28.75
2021	4163	LD.BOWMN_ST34.5	31	-\$0.91	\$0.12	-\$28.74
2021	4164	LD.PUDDLDC34.5	31	-\$0.91	\$0.12	-\$28.73
2021	4165	LD.AUGSTA_E34.5	31	-\$0.91	\$0.12	-\$28.72
2021	4166	LD.BROWN_CR12.5	31	-\$0.91	\$0.12	-\$28.72
2021	37143	LD.ATHENSME12.5	31	-\$0.91	\$0.12	-\$28.73
2021	37150	LD.MADISON 34.5	31	-\$0.91	\$0.12	-\$28.74
2021	40653	UN.MADISON 34.5MADB	31	-\$0.91	\$0.12	-\$28.74
2021	43592	LD.N_AUGSTA34.5	31	-\$0.91	\$0.12	-\$28.73
2021	44009	LD.STURTVNT12.5	31	-\$0.91	\$0.12	-\$28.75
2021	44033	LD.COOPERML12.5	31	-\$0.91	\$0.12	-\$28.72
2021	46734	LD.EMBDEN 12.5	31	-\$0.91	\$0.12	-\$28.74
2021	48960	UN.ATHENSME12.5ATHN	31	-\$0.91	\$0.12	-\$28.73
2021	49324	UN.HARTLAND12.5PITS	31	-\$0.91	\$0.12	-\$28.73
2021	50121	UN.BELFAST 34.5GEOR	31	-\$0.91	\$0.12	-\$28.69
2021	66234	UN.SAPHINCK115 SAPI	31	-\$0.91	\$0.12	-\$28.73
2021	66252	LD.SAPHINCK115	31	-\$0.91	\$0.12	-\$28.73
2021	67492	AR.MADISON 34.5MADB	31	-\$0.91	\$0.12	-\$28.74
2021	68258	LD.COUNTYRD34.5	31	-\$0.91	\$0.12	-\$28.73
2021	328	UN.GULFISLD34.5GULF	30	\$0.02	\$0.12	\$0.00
2021	358	UN.TOPSHAM 34.5BRUN	30	\$0.02	\$0.12	\$0.00
2021	367	UN.CAPE 13.2CAP4	30	\$0.02	\$0.12	\$0.00
2021	368	UN.CAPE 13.2CAP5	30	\$0.02	\$0.12	\$0.00
2021	369	UN.LOUDEN 34.5CATR	30	\$0.02	\$0.12	\$0.00
2021	440	UN.W_BUXTON34.5HIRM	30	\$0.02	\$0.12	\$0.00
2021	463	UN.LVER-AEI115 LIVR	30	\$0.02	\$0.12	\$0.00
2021	487	UN.TOPSHAM 34.5MILR	30	\$0.02	\$0.12	\$0.00
2021	495	UN.MIDDLEST34.5MONY	30	\$0.02	\$0.12	\$0.00
2021	532	UN.TOPSHAM 34.5PEJE	30	\$0.02	\$0.12	\$0.00
2021	542	UN.SPRNG_ST34.5PTRR	30	\$0.02	\$0.12	\$0.00
2021	569	UN.LOUDEN 34.5SKEL	30	\$0.02	\$0.12	\$0.00
2021	591	UN.PRID_CRN34.5SWBK	30	\$0.02	\$0.12	\$0.00
2021	641	UN.YARMOUTH13.8YAR3	30	\$0.02	\$0.12	\$0.00
2021	642	UN.YARMOUTH22 YAR4	30	\$0.02	\$0.12	\$0.00
2021	755	UN.W_BUXTON34.5BONE	30	\$0.02	\$0.12	\$0.00
2021	760	UN.LOUDEN 34.5NGOR	30	\$0.02	\$0.12	\$0.00
2021	4128	LD.MASON 34.5	30	\$0.02	\$0.12	\$0.00
2021	4129	LD.NEWCASTL34.5	30	\$0.02	\$0.12	\$0.00
2021	4130	LD.YARMOUTH34.5	30	\$0.02	\$0.12	\$0.00
2021	4132	LD.W_BUXTON34.5	30	\$0.02	\$0.12	\$0.00
2021	4133	LD.WATERBOR12.5	30	\$0.02	\$0.12	\$0.00
2021	4134	LD.BOLT_HL 34.5	30	\$0.02	\$0.12	\$0.00
2021	4143	LD.HIGHLAND34.5	30	\$0.02	\$0.12	\$0.00
2021	4145	LD.MEADW_RD34.5	30	\$0.02	\$0.12	\$0.00
2021	4146	LD.PARK_ST 34.5	30	\$0.02	\$0.12	\$0.00
2021	4161	LD.LVERMORE12.5	30	\$0.02	\$0.12	\$0.00
2021	4162	LD.GULFISLD34.5	30	\$0.02	\$0.12	\$0.00
2021	4167	LD.JAY 115	30	\$0.02	\$0.12	\$0.00
2021	4168	LD.RILEY 12.5	30	\$0.02	\$0.12	\$0.00
2021	4169	LD.WOODSTCK34.5	30	\$0.02	\$0.12	\$0.00
2021	4170	LD.NORWAY 34.5	30	\$0.02	\$0.12	\$0.00
2021	4171	LD.HOTEL_RD34.5	30	\$0.02	\$0.12	\$0.00
2021	4173	LD.CROWLEYS34.5	30	\$0.02	\$0.12	\$0.00
2021	4174	LD.RAYMOND 34.5	30	\$0.02	\$0.12	\$0.00
2021	4175	LD.TOPSHAM 34.5	30	\$0.02	\$0.12	\$0.00
2021	4176	LD.BATH 34.5	30	\$0.02	\$0.12	\$0.00
2021	4177	LD.MOSHERS 34.5	30	\$0.02	\$0.12	\$0.00
2021	4178	LD.ELM_ST 34.5	30	\$0.02	\$0.12	\$0.00
2021	4179	LD.SPRNG_ST34.5	30	\$0.02	\$0.12	\$0.00
2021	4181	LD.REDBROOK34.5	30	\$0.02	\$0.12	\$0.00
2021	4182	LD.PLSNT_HL34.5	30	\$0.02	\$0.12	\$0.00
2021	4183	LD.HNKLY_PD12.5	30	\$0.02	\$0.12	\$0.00
2021	4184	LD.CAPE 34.5	30	\$0.02	\$0.12	\$0.00
2021	4185	LD.SEWAL_ST34.5	30	\$0.02	\$0.12	\$0.00
2021	4186	LD.PRID_CRN34.5	30	\$0.02	\$0.12	\$0.00
2021	4187	LD.LOUDEN 34.5	30	\$0.02	\$0.12	\$0.00
2021	4188	LD.BIDDEFRD34.5	30	\$0.02	\$0.12	\$0.00
2021	4189	LD.PRATT&W 115	30	\$0.02	\$0.12	\$0.00

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2021	4190	LD.QUAKR_HL34.5	30	\$0.02	\$0.12	\$0.00
2021	4191	LD.BRANCH 34.5	30	\$0.02	\$0.12	\$0.00
2021	4192	LD.SANFORD 34.5	30	\$0.02	\$0.12	\$0.00
2021	4193	LD.LOVELL 34.5	30	\$0.02	\$0.12	\$0.00
2021	4831	LD.DRAGONCT115	30	\$0.02	\$0.12	\$0.00
2021	7606	DR.ME_Maine	30	\$0.02	\$0.12	\$0.00
2021	7607	DR.ME_Portland	30	\$0.02	\$0.12	\$0.00
2021	10512	LD.CHALLENG34.5	30	\$0.02	\$0.12	\$0.00
2021	10846	LD.FRIVR_ME12.5	30	\$0.02	\$0.12	\$0.00
2021	13627	LD.ME_YK 13.2	30	\$0.02	\$0.12	\$0.00
2021	13692	LD.W_KENNEB115	30	\$0.02	\$0.12	\$0.00
2021	13703	UN.JAY 13.8VCG1	30	\$0.02	\$0.12	\$0.00
2021	13704	UN.JAY 13.8VCG2	30	\$0.02	\$0.12	\$0.00
2021	13705	UN.JAY 13.8VCG3	30	\$0.02	\$0.12	\$0.00
2021	13951	LD.KIMBL_RD34.5	30	\$0.02	\$0.12	\$0.00
2021	14177	UN.WESTBRK 18.0WE1A	30	\$0.02	\$0.12	\$0.00
2021	14178	UN.WESTBRK 18.0WE1B	30	\$0.02	\$0.12	\$0.00
2021	14796	LD.MUSSEYRD34.5	30	\$0.02	\$0.12	\$0.00
2021	35693	UN.WOODSTCK34.5SPMT	30	\$0.02	\$0.12	\$0.00
2021	37151	LD.HOTEL_RD12	30	\$0.02	\$0.12	\$0.00
2021	39676	LD.LEEDS_ME34.5	30	\$0.02	\$0.12	\$0.00
2021	39719	LD.PLSNT_HL12.5	30	\$0.02	\$0.12	\$0.00
2021	39990	LD.GOOSEFAR12	30	\$0.02	\$0.12	\$0.00
2021	40034	LD.MONMOUTH12	30	\$0.02	\$0.12	\$0.00
2021	40035	LD.MONMOUTH34.5	30	\$0.02	\$0.12	\$0.00
2021	40299	LD.VALLY_LN34.5	30	\$0.02	\$0.12	\$0.00
2021	40341	LD.CROWLEYS12.5	30	\$0.02	\$0.12	\$0.00
2021	46609	LD.BIDDEFRD12.5	30	\$0.02	\$0.12	\$0.00
2021	46610	LD.BRANCH 12.5	30	\$0.02	\$0.12	\$0.00
2021	46624	LD.CHALLENG12.5	30	\$0.02	\$0.12	\$0.00
2021	46637	LD.LEWSTN_L12.5	30	\$0.02	\$0.12	\$0.00
2021	46655	LD.MOSHERS 12.5	30	\$0.02	\$0.12	\$0.00
2021	46661	LD.NORWAY 12.5	30	\$0.02	\$0.12	\$0.00
2021	46678	LD.ELM_ST 12.5	30	\$0.02	\$0.12	\$0.00
2021	46681	LD.SEWAL_ST12.5	30	\$0.02	\$0.12	\$0.00
2021	46726	LD.PRID_CRN12.5	30	\$0.02	\$0.12	\$0.00
2021	46728	LD.2121A_T 34.5	30	\$0.02	\$0.12	\$0.00
2021	46729	LD.STICKNEY34.5	30	\$0.02	\$0.12	\$0.00
2021	46730	LD.UNION 34.5	30	\$0.02	\$0.12	\$0.00
2021	46950	LD.SPRNG_ST12.5	30	\$0.02	\$0.12	\$0.00
2021	48670	LD.MIDDLEST34.5	30	\$0.02	\$0.12	\$0.00
2021	48671	LD.MIDDLEST12.5	30	\$0.02	\$0.12	\$0.00
2021	67487	UN.YARMOUTH6.9 CABB	30	\$0.02	\$0.12	\$0.00
2021	67490	AR.YARMOUTH6.9 CABBD	30	\$0.02	\$0.12	\$0.00
2021	68737	UN.CYRO_DR 34.5SANS	30	\$0.02	\$0.12	\$0.00
2021	50636	UN.MADISON 13.8MADH	23	-\$1.24	\$0.08	-\$28.74
2021	754	UN.LOUDEN 34.5BARM	22	\$0.01	\$0.08	\$0.00
2021	69789	UN.ROXBURY 34.5ROXW	9	-\$14.21	\$0.12	-\$70.78
2021	50636	UN.MADISON 115 MADH	8	\$0.05	\$0.12	\$0.00
2021	69786	UN.FRMINGTN34.5FRMS	7	\$0.06	\$0.12	\$0.00
2021	69877	LD.MADISON 115	7	\$0.06	\$0.12	\$0.00

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2022	68734	UN.BULL_HL 34.5WEVW	861	-\$81.84	\$0.00	-\$426.29
2022	40343	UN.BULL_HL 34.5BLHW	859	-\$81.66	\$0.00	-\$426.29
2022	48082	UN.BULL_HL 34.5HANW	831	-\$78.75	\$0.00	-\$426.29
2022	10178	LD.DEBLOIS 34.5	553	-\$86.04	\$0.00	-\$426.29
2022	446	UN.WASHNGTN34.5IND6	540	-\$85.90	\$0.00	-\$426.29
2022	4082	LD.WASHNGTN34.5	540	-\$85.90	\$0.00	-\$426.29
2022	424	UN.POWERSVL115 GNRT	322	-\$94.28	\$0.01	-\$426.29
2022	616	UN.CHSTERME46 WENF	322	-\$94.28	\$0.01	-\$426.29
2022	4077	LD.CHSTERME46	322	-\$94.28	\$0.01	-\$426.29
2022	10037	LD.POWERSVL115	322	-\$94.28	\$0.01	-\$426.29
2022	15464	UN.STETSON 34.5STET	322	-\$94.28	\$0.01	-\$426.29
2022	16612	UN.STETSON 34.5STE2	322	-\$94.28	\$0.01	-\$426.29
2022	37175	UN.ROLLINS 34.5ROLL	322	-\$94.28	\$0.01	-\$426.29
2022	43790	LD.KEENE_RD46	322	-\$94.28	\$0.01	-\$426.29
2022	69256	UN.POWERSVL115 MLNB	322	-\$94.28	\$0.01	-\$426.29
2022	69257	AR.POWERSVL115 MLNBD	322	-\$94.28	\$0.01	-\$426.29
2022	4083	LD.HARRINGT34.5	207	-\$93.62	\$0.05	-\$426.29
2022	46951	UN.OAKFIELD34.5OAKW	207	-\$96.17	\$0.05	-\$426.29
2022	445	UN.ENFLD_ME115 IND5	206	-\$94.81	\$0.05	-\$426.29
2022	38417	UN.PASADMKG34.5PASW	206	-\$94.81	\$0.05	-\$426.29
2022	4078	LD.GRAHAM 46	204	-\$95.16	\$0.05	-\$426.29
2022	7605	DR.ME_Bangor_Hydro	204	-\$95.38	\$0.00	-\$426.29
2022	16296	UN.GRAHAM 46 MLFH	204	-\$95.16	\$0.05	-\$426.29
2022	40260	LD.TUNK 34.5	204	-\$94.50	\$0.05	-\$426.29
2022	40338	UN.GRAHAM 18.0MS1A	204	-\$95.16	\$0.05	-\$426.29
2022	40339	UN.GRAHAM 18.0MS1B	204	-\$95.16	\$0.05	-\$426.29
2022	405	UN.ELLSWRTH34.5ELLS	203	-\$94.72	\$0.05	-\$426.29
2022	536	UN.CHEMICAL115 PERC	203	-\$95.40	\$0.05	-\$426.29
2022	4631	LD.ELLSWRTH34.5	203	-\$94.72	\$0.05	-\$426.29
2022	15386	LD.BOGGY_BK44	203	-\$94.72	\$0.05	-\$426.29
2022	15417	LD.TRENTON 34.5	202	-\$94.85	\$0.05	-\$426.29
2022	46617	LD.BUCKSPRT34.5	202	-\$94.85	\$0.05	-\$426.29
2022	47390	UN.BUCKSPRT18.0BCK4	202	-\$94.85	\$0.05	-\$426.29
2022	48645	UN.PISGAH 34.5PSGW	157	-\$77.76	\$0.03	-\$147.28
2022	331	UN.ROXBURY 34.5AZIS	85	-\$49.27	\$0.05	-\$177.52
2022	345	UN.9DRAGONS115 BOIS	85	-\$49.27	\$0.05	-\$177.52
2022	1255	UN.RUMFD_IP18.0RUMF	85	-\$49.27	\$0.05	-\$177.52
2022	4137	LD.RUMFORD 12.5	85	-\$49.27	\$0.05	-\$177.52
2022	4138	LD.RUMFD_IP34.5	85	-\$49.27	\$0.05	-\$177.52
2022	4139	LD.9DRAGONS115	85	-\$49.27	\$0.05	-\$177.52
2022	11424	UN.RUMFD_FL11.5RUMH	85	-\$49.27	\$0.05	-\$177.52
2022	14665	UN.ROXBURY 34.5RCHW	85	-\$49.27	\$0.05	-\$177.52
2022	37953	LD.ROXBURY 34.5	85	-\$49.27	\$0.05	-\$177.52
2022	38173	UN.LUDDN_LN34.5SADW	85	-\$49.27	\$0.05	-\$177.52
2022	38738	UN.LUDDN_LN34.5CANW	85	-\$49.27	\$0.05	-\$177.52
2022	49024	LD.LUDDN_LN34.5	85	-\$49.27	\$0.05	-\$177.52
2022	69789	UN.ROXBURY 34.5ROXW	85	-\$49.27	\$0.05	-\$177.52
2022	12551	UN.KIBBY 34.5KIBY	58	-\$43.69	\$0.05	-\$247.11
2022	407	UN.WASHNGTN34.5EPTD	55	-\$33.78	\$0.00	-\$131.41
2022	432	UN.HARRIS 13.2HAR1	53	-\$27.87	\$0.05	-\$209.26
2022	433	UN.HARRIS 13.2HAR2	53	-\$27.87	\$0.05	-\$209.26
2022	434	UN.HARRIS 13.2HAR3	53	-\$27.87	\$0.05	-\$209.26
2022	590	UN.BIGELOW 115 STRA	53	-\$27.87	\$0.05	-\$209.26
2022	636	UN.WYMAN_HY13.8WYM1	53	-\$27.87	\$0.05	-\$209.26
2022	637	UN.WYMAN_HY13.8WYM2	53	-\$27.87	\$0.05	-\$209.26
2022	638	UN.WYMAN_HY13.8WYM3	53	-\$27.87	\$0.05	-\$209.26
2022	757	UN.HARRIS 13.2HAR4	53	-\$27.87	\$0.05	-\$209.26
2022	4152	LD.WYMAN_HY12.5	53	-\$27.87	\$0.05	-\$209.26
2022	4153	LD.BIGELOW 34.5	53	-\$27.87	\$0.05	-\$209.26
2022	4155	LD.HARRIS 13.2	53	-\$27.87	\$0.05	-\$209.26
2022	37105	UN.BINGHAM 34.5BNGW	51	-\$12.21	\$0.05	-\$165.28
2022	48645	UN.CLIFTON 34.5PSGW	49	-\$149.45	\$0.05	-\$426.29
2022	71887	UN.CLIFTON 34.5SLVW	49	-\$149.45	\$0.05	-\$426.29
2022	621	UN.WILLIAM 6.9 WILL	45	-\$7.87	\$0.05	-\$99.81
2022	4160	LD.STURTVNT34.5	45	-\$7.87	\$0.05	-\$99.81
2022	37150	LD.MADISON 34.5	45	-\$7.87	\$0.05	-\$99.81
2022	40653	UN.MADISON 34.5MADB	45	-\$7.87	\$0.05	-\$99.81
2022	44009	LD.STURTVNT12.5	45	-\$7.87	\$0.05	-\$99.81
2022	46734	LD.EMBDEN 12.5	45	-\$7.87	\$0.05	-\$99.81
2022	50636	UN.MADISON 115 MADH	45	-\$7.87	\$0.05	-\$99.81
2022	67492	AR.MADISON 34.5MADB	45	-\$7.87	\$0.05	-\$99.81
2022	69786	UN.FRMINGTN34.5FRMS	45	-\$7.87	\$0.05	-\$99.81

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2022	69877	LD.MADISON 115	45	-\$7.87	\$0.05	-\$99.81
2022	617	UN.LAKEWOOD34.5WEST	44	-\$3.80	\$0.05	-\$56.86
2022	4157	LD.LAKEWOOD34.5	44	-\$3.80	\$0.05	-\$56.86
2022	37143	LD.ATHENSME12.5	44	-\$5.08	\$0.05	-\$66.17
2022	48960	UN.ATHENSME12.5ATHN	44	-\$5.08	\$0.05	-\$66.17
2022	4151	LD.HARTLAND12.5	42	-\$2.30	\$0.05	-\$60.95
2022	49324	UN.HARTLAND12.5PITS	42	-\$2.30	\$0.05	-\$60.95
2022	328	UN.GULFISLD34.5GULF	40	\$0.00	\$0.05	\$0.00
2022	358	UN.TOPSHAM 34.5BRUN	40	\$0.00	\$0.05	\$0.00
2022	367	UN.CAPE 13.2CAP4	40	\$0.00	\$0.05	\$0.00
2022	368	UN.CAPE 13.2CAP5	40	\$0.00	\$0.05	\$0.00
2022	369	UN.LOUDEN 34.5CATR	40	\$0.00	\$0.05	\$0.00
2022	440	UN.W_BUXTON34.5HIRM	40	\$0.00	\$0.05	\$0.00
2022	460	UN.WINSLOW 34.5LCKW	40	\$0.00	\$0.05	\$0.00
2022	463	UN.LVER-AEI115 LIVR	40	\$0.00	\$0.05	\$0.00
2022	487	UN.TOPSHAM 34.5MILR	40	\$0.00	\$0.05	\$0.00
2022	495	UN.MIDDLEST34.5MONY	40	\$0.00	\$0.05	\$0.00
2022	532	UN.TOPSHAM 34.5PEJE	40	\$0.00	\$0.05	\$0.00
2022	542	UN.SPRNG_ST34.5PTRR	40	\$0.00	\$0.05	\$0.00
2022	569	UN.LOUDEN 34.5SKEL	40	\$0.00	\$0.05	\$0.00
2022	591	UN.PRID_CRN34.5SWBK	40	\$0.00	\$0.05	\$0.00
2022	641	UN.YARMOUTH13.8YAR3	40	\$0.00	\$0.05	\$0.00
2022	642	UN.YARMOUTH22 YAR4	40	\$0.00	\$0.05	\$0.00
2022	755	UN.W_BUXTON34.5BONE	40	\$0.00	\$0.05	\$0.00
2022	760	UN.LOUDEN 34.5NGOR	40	\$0.00	\$0.05	\$0.00
2022	761	UN.WINSLOW 34.5SHAW	40	\$0.00	\$0.05	\$0.00
2022	2426	UN.WINSLOW 34.5UNAH	40	\$0.00	\$0.05	\$0.00
2022	4001	.Z.MAINE	40	-\$0.03	\$0.00	-\$0.38
2022	4128	LD.MASON 34.5	40	\$0.00	\$0.05	\$0.00
2022	4129	LD.NEWCASTL34.5	40	\$0.00	\$0.05	\$0.00
2022	4130	LD.YARMOUTH34.5	40	\$0.00	\$0.05	\$0.00
2022	4132	LD.W_BUXTON34.5	40	\$0.00	\$0.05	\$0.00
2022	4133	LD.WATERBOR12.5	40	\$0.00	\$0.05	\$0.00
2022	4134	LD.BOLT_HL 34.5	40	\$0.00	\$0.05	\$0.00
2022	4141	LD.BELFAST 34.5	40	\$0.00	\$0.05	\$0.00
2022	4142	LD.WINSLOW 34.5	40	\$0.00	\$0.05	\$0.00
2022	4143	LD.HIGHLAND34.5	40	\$0.00	\$0.05	\$0.00
2022	4144	LD.LINCOLNV34.5	40	\$0.00	\$0.05	\$0.00
2022	4145	LD.MEADW_RD34.5	40	\$0.00	\$0.05	\$0.00
2022	4146	LD.PARK_ST 34.5	40	\$0.00	\$0.05	\$0.00
2022	4148	LD.DETROIT 34.5	40	\$0.00	\$0.05	\$0.00
2022	4149	LD.N_AUGSTA12.5	40	\$0.00	\$0.05	\$0.00
2022	4150	LD.GUILFORD34.5	40	\$0.00	\$0.05	\$0.00
2022	4161	LD.LVERMORE12.5	40	\$0.00	\$0.05	\$0.00
2022	4162	LD.GULFISLD34.5	40	\$0.00	\$0.05	\$0.00
2022	4163	LD.BOWMN_ST34.5	40	\$0.00	\$0.05	\$0.00
2022	4164	LD.PUDDLCK34.5	40	\$0.00	\$0.05	\$0.00
2022	4165	LD.AUGSTA_E34.5	40	\$0.00	\$0.05	\$0.00
2022	4166	LD.BROWN_CR12.5	40	\$0.00	\$0.05	\$0.00
2022	4167	LD.JAY 115	40	\$0.00	\$0.05	\$0.00
2022	4168	LD.RILEY 12.5	40	\$0.00	\$0.05	\$0.00
2022	4169	LD.WOODSTCK34.5	40	\$0.00	\$0.05	\$0.00
2022	4170	LD.NORWAY 34.5	40	\$0.00	\$0.05	\$0.00
2022	4171	LD.HOTEL_RD34.5	40	\$0.00	\$0.05	\$0.00
2022	4173	LD.CROWLEYS34.5	40	\$0.00	\$0.05	\$0.00
2022	4174	LD.RAYMOND 34.5	40	\$0.00	\$0.05	\$0.00
2022	4175	LD.TOPSHAM 34.5	40	\$0.00	\$0.05	\$0.00
2022	4176	LD.BATH 34.5	40	\$0.00	\$0.05	\$0.00
2022	4177	LD.MOSHERS 34.5	40	\$0.00	\$0.05	\$0.00
2022	4178	LD.ELM_ST 34.5	40	\$0.00	\$0.05	\$0.00
2022	4179	LD.SPRNG_ST34.5	40	\$0.00	\$0.05	\$0.00
2022	4181	LD.REDBROOK34.5	40	\$0.00	\$0.05	\$0.00
2022	4182	LD.PLSNT_HL34.5	40	\$0.00	\$0.05	\$0.00
2022	4183	LD.HNKLY_PD12.5	40	\$0.00	\$0.05	\$0.00
2022	4184	LD.CAPE 34.5	40	\$0.00	\$0.05	\$0.00
2022	4185	LD.SEWAL_ST34.5	40	\$0.00	\$0.05	\$0.00
2022	4186	LD.PRID_CRN34.5	40	\$0.00	\$0.05	\$0.00
2022	4187	LD.LOUDEN 34.5	40	\$0.00	\$0.05	\$0.00
2022	4188	LD.BIDDEFRD34.5	40	\$0.00	\$0.05	\$0.00
2022	4189	LD.PRATT&W 115	40	\$0.00	\$0.05	\$0.00
2022	4190	LD.QUAKR_HL34.5	40	\$0.00	\$0.05	\$0.00
2022	4191	LD.BRANCH 34.5	40	\$0.00	\$0.05	\$0.00

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2022	4192	LD.SANFORD 34.5	40	\$0.00	\$0.05	\$0.00
2022	4193	LD.LOVELL 34.5	40	\$0.00	\$0.05	\$0.00
2022	4831	LD.DRAGONCT115	40	\$0.00	\$0.05	\$0.00
2022	7606	DR.ME_Maine	40	\$0.00	\$0.05	\$0.00
2022	7607	DR.ME_Portland	40	\$0.00	\$0.05	\$0.00
2022	10512	LD.CHALLENG34.5	40	\$0.00	\$0.05	\$0.00
2022	10846	LD.FRIVR_ME12.5	40	\$0.00	\$0.05	\$0.00
2022	13627	LD.ME_YK 13.2	40	\$0.00	\$0.05	\$0.00
2022	13692	LD.W_KENNEB115	40	\$0.00	\$0.05	\$0.00
2022	13703	UN.JAY 13.8VCG1	40	\$0.00	\$0.05	\$0.00
2022	13704	UN.JAY 13.8VCG2	40	\$0.00	\$0.05	\$0.00
2022	13705	UN.JAY 13.8VCG3	40	\$0.00	\$0.05	\$0.00
2022	13951	LD.KIMBL_RD34.5	40	\$0.00	\$0.05	\$0.00
2022	14177	UN.WESTBRK 18.0WE1A	40	\$0.00	\$0.05	\$0.00
2022	14178	UN.WESTBRK 18.0WE1B	40	\$0.00	\$0.05	\$0.00
2022	14796	LD.MUSSEYRD34.5	40	\$0.00	\$0.05	\$0.00
2022	35693	UN.WOODSTCK34.5SPMT	40	\$0.00	\$0.05	\$0.00
2022	37151	LD.HOTEL_RD12	40	\$0.00	\$0.05	\$0.00
2022	39676	LD.LEEDS_ME34.5	40	\$0.00	\$0.05	\$0.00
2022	39719	LD.PLSNT_HL12.5	40	\$0.00	\$0.05	\$0.00
2022	39990	LD.GOOSEFAR12	40	\$0.00	\$0.05	\$0.00
2022	40034	LD.MONMOUTH12	40	\$0.00	\$0.05	\$0.00
2022	40035	LD.MONMOUTH34.5	40	\$0.00	\$0.05	\$0.00
2022	40299	LD.VALLY_LN34.5	40	\$0.00	\$0.05	\$0.00
2022	40341	LD.CROWLEYS12.5	40	\$0.00	\$0.05	\$0.00
2022	43592	LD.N_AUGSTA34.5	40	\$0.00	\$0.05	\$0.00
2022	44033	LD.COOPERML12.5	40	\$0.00	\$0.05	\$0.00
2022	46609	LD.BIDDEFRD12.5	40	\$0.00	\$0.05	\$0.00
2022	46610	LD.BRANCH 12.5	40	\$0.00	\$0.05	\$0.00
2022	46624	LD.CHALLENG12.5	40	\$0.00	\$0.05	\$0.00
2022	46637	LD.LEWSTN_L12.5	40	\$0.00	\$0.05	\$0.00
2022	46655	LD.MOSHERS 12.5	40	\$0.00	\$0.05	\$0.00
2022	46661	LD.NORWAY 12.5	40	\$0.00	\$0.05	\$0.00
2022	46678	LD.ELM_ST 12.5	40	\$0.00	\$0.05	\$0.00
2022	46681	LD.SEWAL_ST12.5	40	\$0.00	\$0.05	\$0.00
2022	46726	LD.PRID_CRN12.5	40	\$0.00	\$0.05	\$0.00
2022	46728	LD.2121A_T 34.5	40	\$0.00	\$0.05	\$0.00
2022	46729	LD.STICKNEY34.5	40	\$0.00	\$0.05	\$0.00
2022	46730	LD.UNION 34.5	40	\$0.00	\$0.05	\$0.00
2022	46950	LD.SPRNG_ST12.5	40	\$0.00	\$0.05	\$0.00
2022	48670	LD.MIDDLEST34.5	40	\$0.00	\$0.05	\$0.00
2022	48671	LD.MIDDLEST12.5	40	\$0.00	\$0.05	\$0.00
2022	50121	UN.BELFAST 34.5GEOR	40	\$0.00	\$0.05	\$0.00
2022	66234	UN.SAPHINCK115 SAPI	40	\$0.00	\$0.05	\$0.00
2022	66252	LD.SAPHINCK115	40	\$0.00	\$0.05	\$0.00
2022	67487	UN.YARMOUTH6.9 CABB	40	\$0.00	\$0.05	\$0.00
2022	67490	AR.YARMOUTH6.9 CABBD	40	\$0.00	\$0.05	\$0.00
2022	68258	LD.COUNTYRD34.5	40	\$0.00	\$0.05	\$0.00
2022	68737	UN.CYRO_DR 34.5SANS	40	\$0.00	\$0.05	\$0.00
2022	71887	UN.PISGAH 34.5SLVW	15	-\$84.15	\$0.00	-\$147.28
2022	73278	UN.W_BUXTON34.5BONB	3	\$0.00	\$0.00	\$0.00
2022	73280	AR.W_BUXTON34.5BONBD	3	\$0.00	\$0.00	\$0.00
2022	73286	UN.RUMFD_FL11.5RFRB	3	\$0.00	\$0.00	\$0.00
2022	73287	AR.RUMFD_FL11.5RFRBD	3	\$0.00	\$0.00	\$0.00

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2023	40343	UN.BULL_HL 34.5BLHW	216	-\$34.97	\$0.01	-\$195.62
2023	48082	UN.BULL_HL 34.5HANW	216	-\$34.97	\$0.01	-\$195.62
2023	68734	UN.BULL_HL 34.5WEVW	216	-\$34.97	\$0.01	-\$195.62
2023	424	UN.POWERSVL115 GNRT	138	-\$61.61	\$0.00	-\$247.55
2023	616	UN.CHSTERME46 WENF	138	-\$61.61	\$0.00	-\$247.55
2023	4077	LD.CHSTERME46	138	-\$61.61	\$0.00	-\$247.55
2023	10037	LD.POWERSVL115	138	-\$61.61	\$0.00	-\$247.55
2023	15464	UN.STETSON 34.5STET	138	-\$61.61	\$0.00	-\$247.55
2023	16612	UN.STETSON 34.5STE2	138	-\$61.61	\$0.00	-\$247.55
2023	37175	UN.ROLLINS 34.5ROLL	138	-\$61.61	\$0.00	-\$247.55
2023	43790	LD.KEENE_RD46	138	-\$61.61	\$0.00	-\$247.55
2023	69256	UN.POWERSVL115 MLNB	138	-\$61.61	\$0.00	-\$247.55
2023	69257	AR.POWERSVL115 MLNBD	138	-\$61.61	\$0.00	-\$247.55
2023	10178	LD.DEBLOIS 34.5	90	-\$36.93	\$0.01	-\$195.62
2023	37105	UN.BINGHAM 34.5BNGW	90	-\$51.03	\$0.02	-\$126.41
2023	446	UN.WASHNGTN34.5IND6	89	-\$37.09	\$0.01	-\$195.62
2023	4082	LD.WASHNGTN34.5	89	-\$37.09	\$0.01	-\$195.62
2023	12551	UN.KIBBY 34.5KIBY	45	-\$40.66	\$0.70	-\$107.39
2023	46951	UN.OAKFIELD34.5OAKW	40	-\$43.77	\$0.02	-\$195.62
2023	7605	DR.ME_Bangor_Hydro	39	-\$41.74	\$0.00	-\$195.62
2023	405	UN.ELLSWRTH34.5ELLS	36	-\$42.88	\$0.02	-\$195.62
2023	445	UN.ENFLD_ME115 IND5	36	-\$42.88	\$0.02	-\$195.62
2023	4078	LD.GRAHAM 46	36	-\$42.88	\$0.02	-\$195.62
2023	4083	LD.HARRINGT34.5	36	-\$42.88	\$0.02	-\$195.62
2023	4631	LD.ELLSWRTH34.5	36	-\$42.88	\$0.02	-\$195.62
2023	15386	LD.BOGGY_BK44	36	-\$42.88	\$0.02	-\$195.62
2023	15417	LD.TRENTON 34.5	36	-\$42.88	\$0.02	-\$195.62
2023	16296	UN.GRAHAM 46 MLFH	36	-\$42.88	\$0.02	-\$195.62
2023	38417	UN.PASADMKG34.5PASW	36	-\$42.88	\$0.02	-\$195.62
2023	40260	LD.TUNK 34.5	36	-\$42.88	\$0.02	-\$195.62
2023	40338	UN.GRAHAM 18.0MS1A	36	-\$42.88	\$0.02	-\$195.62
2023	40339	UN.GRAHAM 18.0MS1B	36	-\$42.88	\$0.02	-\$195.62
2023	48645	UN.CLIFTON 34.5PSGW	36	-\$42.88	\$0.02	-\$195.62
2023	71887	UN.CLIFTON 34.5SLVW	36	-\$42.88	\$0.02	-\$195.62
2023	536	UN.CHEMICAL115 PERC	35	-\$43.25	\$0.02	-\$195.62
2023	46617	LD.BUCKSPRT34.5	35	-\$43.25	\$0.02	-\$195.62
2023	47390	UN.BUCKSPRT18.0BCK4	35	-\$43.25	\$0.02	-\$195.62
2023	331	UN.ROXBURY 34.5AZIS	28	-\$14.10	\$0.70	-\$85.94
2023	345	UN.9DRAGONS115 BOIS	28	-\$14.10	\$0.70	-\$85.94
2023	1255	UN.RUMFD_IP18.0RUMF	28	-\$14.10	\$0.70	-\$85.94
2023	4137	LD.RUMFORD 12.5	28	-\$14.10	\$0.70	-\$85.94
2023	4138	LD.RUMFD_IP34.5	28	-\$14.10	\$0.70	-\$85.94
2023	4139	LD.9DRAGONS115	28	-\$14.10	\$0.70	-\$85.94
2023	11424	UN.RUMFD_FL11.5RUMH	28	-\$14.10	\$0.70	-\$85.94
2023	14665	UN.ROXBURY 34.5RCHW	28	-\$14.10	\$0.70	-\$85.94
2023	37953	LD.ROXBURY 34.5	28	-\$14.10	\$0.70	-\$85.94
2023	38173	UN.LUDDN_LN34.5SADW	28	-\$14.10	\$0.70	-\$85.94
2023	38738	UN.LUDDN_LN34.5SCANW	28	-\$14.10	\$0.70	-\$85.94
2023	49024	LD.LUDDN_LN34.5	28	-\$14.10	\$0.70	-\$85.94
2023	69789	UN.ROXBURY 34.5ROXW	28	-\$14.10	\$0.70	-\$85.94
2023	73286	UN.RUMFD_FL11.5RFRB	28	-\$14.10	\$0.70	-\$85.94
2023	73287	AR.RUMFD_FL11.5RFRBD	28	-\$14.10	\$0.70	-\$85.94
2023	4001	.Z.MAINE	22	-\$1.79	\$0.00	-\$21.27
2023	432	UN.HARRIS 13.2HAR1	21	\$0.04	\$0.70	\$0.00
2023	433	UN.HARRIS 13.2HAR2	21	\$0.04	\$0.70	\$0.00
2023	434	UN.HARRIS 13.2HAR3	21	\$0.04	\$0.70	\$0.00
2023	590	UN.BIGELOW 115 STRA	21	\$0.04	\$0.70	\$0.00
2023	621	UN.WILLIAM 6.9 WILL	21	\$0.04	\$0.70	\$0.00
2023	636	UN.WYMAN_HY13.8WYM1	21	\$0.04	\$0.70	\$0.00
2023	637	UN.WYMAN_HY13.8WYM2	21	\$0.04	\$0.70	\$0.00
2023	638	UN.WYMAN_HY13.8WYM3	21	\$0.04	\$0.70	\$0.00
2023	757	UN.HARRIS 13.2HAR4	21	\$0.04	\$0.70	\$0.00
2023	4152	LD.WYMAN_HY12.5	21	\$0.04	\$0.70	\$0.00
2023	4153	LD.BIGELOW 34.5	21	\$0.04	\$0.70	\$0.00
2023	4155	LD.HARRIS 13.2	21	\$0.04	\$0.70	\$0.00
2023	37143	LD.ATHENSME12.5	21	\$0.04	\$0.70	\$0.00
2023	37150	LD.MADISON 34.5	21	\$0.04	\$0.70	\$0.00
2023	40653	UN.MADISON 34.5MADB	21	\$0.04	\$0.70	\$0.00
2023	46734	LD.EMBDEN 12.5	21	\$0.04	\$0.70	\$0.00
2023	48960	UN.ATHENSME12.5ATHN	21	\$0.04	\$0.70	\$0.00
2023	50636	UN.MADISON 115 MADH	21	\$0.04	\$0.70	\$0.00
2023	67492	AR.MADISON 34.5MADBD	21	\$0.04	\$0.70	\$0.00

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2023	69877	LD.MADISON 115	21	\$0.04	\$0.70	\$0.00
2023	328	UN.GULFISLD34.5GULF	20	\$0.04	\$0.70	\$0.00
2023	358	UN.TOPSHAM 34.5BRUN	20	\$0.04	\$0.70	\$0.00
2023	367	UN.CAPE 13.2CAP4	20	\$0.04	\$0.70	\$0.00
2023	368	UN.CAPE 13.2CAP5	20	\$0.04	\$0.70	\$0.00
2023	369	UN.LOUDEN 34.5CATR	20	\$0.04	\$0.70	\$0.00
2023	440	UN.W_BUXTON34.5HIRM	20	\$0.04	\$0.70	\$0.00
2023	460	UN.WINSLOW 34.5LCKW	20	\$0.04	\$0.70	\$0.00
2023	463	UN.LVER-AEI115 LIVR	20	\$0.04	\$0.70	\$0.00
2023	487	UN.TOPSHAM 34.5MILR	20	\$0.04	\$0.70	\$0.00
2023	495	UN.MIDDLEST34.5MONY	20	\$0.04	\$0.70	\$0.00
2023	532	UN.TOPSHAM 34.5SPEJ	20	\$0.04	\$0.70	\$0.00
2023	542	UN.SPRNG_ST34.5PTRR	20	\$0.04	\$0.70	\$0.00
2023	569	UN.LOUDEN 34.5SKEL	20	\$0.04	\$0.70	\$0.00
2023	591	UN.PRID_CRN34.5SWBK	20	\$0.04	\$0.70	\$0.00
2023	617	UN.LAKEWOOD34.5WEST	20	\$0.04	\$0.70	\$0.00
2023	641	UN.YARMOUTH13.8YAR3	20	\$0.04	\$0.70	\$0.00
2023	642	UN.YARMOUTH22 YAR4	20	\$0.04	\$0.70	\$0.00
2023	755	UN.W_BUXTON34.5BONE	20	\$0.04	\$0.70	\$0.00
2023	760	UN.LOUDEN 34.5NGOR	20	\$0.04	\$0.70	\$0.00
2023	761	UN.WINSLOW 34.5SHAW	20	\$0.04	\$0.70	\$0.00
2023	2426	UN.WINSLOW 34.5UNAH	20	\$0.04	\$0.70	\$0.00
2023	4128	LD.MASON 34.5	20	\$0.04	\$0.70	\$0.00
2023	4129	LD.NEWCASTL34.5	20	\$0.04	\$0.70	\$0.00
2023	4130	LD.YARMOUTH34.5	20	\$0.04	\$0.70	\$0.00
2023	4132	LD.W_BUXTON34.5	20	\$0.04	\$0.70	\$0.00
2023	4133	LD.WATERBOR12.5	20	\$0.04	\$0.70	\$0.00
2023	4134	LD.BOLT_HL 34.5	20	\$0.04	\$0.70	\$0.00
2023	4141	LD.BELFAST 34.5	20	\$0.04	\$0.70	\$0.00
2023	4142	LD.WINSLOW 34.5	20	\$0.04	\$0.70	\$0.00
2023	4143	LD.HIGHLAND34.5	20	\$0.04	\$0.70	\$0.00
2023	4144	LD.LINCOLNV34.5	20	\$0.04	\$0.70	\$0.00
2023	4145	LD.MEADW_RD34.5	20	\$0.04	\$0.70	\$0.00
2023	4146	LD.PARK_ST 34.5	20	\$0.04	\$0.70	\$0.00
2023	4148	LD.DETROIT 34.5	20	\$0.04	\$0.70	\$0.00
2023	4149	LD.N_AUGSTA12.5	20	\$0.04	\$0.70	\$0.00
2023	4150	LD.GUILFORD34.5	20	\$0.04	\$0.70	\$0.00
2023	4151	LD.HARTLAND12.5	20	\$0.04	\$0.70	\$0.00
2023	4157	LD.LAKEWOOD34.5	20	\$0.04	\$0.70	\$0.00
2023	4160	LD.STURTVNT34.5	20	\$0.04	\$0.70	\$0.00
2023	4161	LD.LVERMORE12.5	20	\$0.04	\$0.70	\$0.00
2023	4162	LD.GULFISLD34.5	20	\$0.04	\$0.70	\$0.00
2023	4163	LD.BOWMN_ST34.5	20	\$0.04	\$0.70	\$0.00
2023	4164	LD.PUDDLDC34.5	20	\$0.04	\$0.70	\$0.00
2023	4165	LD.AUGSTA_E34.5	20	\$0.04	\$0.70	\$0.00
2023	4166	LD.BROWN_CR12.5	20	\$0.04	\$0.70	\$0.00
2023	4167	LD.JAY 115	20	\$0.04	\$0.70	\$0.00
2023	4168	LD.RILEY 12.5	20	\$0.04	\$0.70	\$0.00
2023	4169	LD.WOODSTCK34.5	20	\$0.04	\$0.70	\$0.00
2023	4170	LD.NORWAY 34.5	20	\$0.04	\$0.70	\$0.00
2023	4171	LD.HOTEL_RD34.5	20	\$0.04	\$0.70	\$0.00
2023	4173	LD.CROWLEYS34.5	20	\$0.04	\$0.70	\$0.00
2023	4174	LD.RAYMOND 34.5	20	\$0.04	\$0.70	\$0.00
2023	4175	LD.TOPSHAM 34.5	20	\$0.04	\$0.70	\$0.00
2023	4176	LD.BATH 34.5	20	\$0.04	\$0.70	\$0.00
2023	4177	LD.MOSHERS 34.5	20	\$0.04	\$0.70	\$0.00
2023	4178	LD.ELM_ST 34.5	20	\$0.04	\$0.70	\$0.00
2023	4179	LD.SPRNG_ST34.5	20	\$0.04	\$0.70	\$0.00
2023	4181	LD.REDBROOK34.5	20	\$0.04	\$0.70	\$0.00
2023	4182	LD.PLSNT_HL34.5	20	\$0.04	\$0.70	\$0.00
2023	4183	LD.HNKLY_PD12.5	20	\$0.04	\$0.70	\$0.00
2023	4184	LD.CAPE 34.5	20	\$0.04	\$0.70	\$0.00
2023	4185	LD.SEWAL_ST34.5	20	\$0.04	\$0.70	\$0.00
2023	4186	LD.PRID_CRN34.5	20	\$0.04	\$0.70	\$0.00
2023	4187	LD.LOUDEN 34.5	20	\$0.04	\$0.70	\$0.00
2023	4188	LD.BIDDEFRD34.5	20	\$0.04	\$0.70	\$0.00
2023	4189	LD.PRATT&W 115	20	\$0.04	\$0.70	\$0.00
2023	4190	LD.QUAKR_HL34.5	20	\$0.04	\$0.70	\$0.00
2023	4191	LD.BRANCH 34.5	20	\$0.04	\$0.70	\$0.00
2023	4192	LD.SANFORD 34.5	20	\$0.04	\$0.70	\$0.00
2023	4193	LD.LOVELL 34.5	20	\$0.04	\$0.70	\$0.00
2023	4831	LD.DRAGONCT115	20	\$0.04	\$0.70	\$0.00

Calendar Year	Market Location ID	Market Location Name	Total Negative LMP Hours	Average of RT LMP Congestion \$ per MWh	Max of RT LMP Congestion \$ per MWh	Min of RT LMP Congestion \$ per MWh
2023	7606	DR.ME_Maine	20	\$0.04	\$0.70	\$0.00
2023	7607	DR.ME_Portland	20	\$0.04	\$0.70	\$0.00
2023	10512	LD.CHALLENG34.5	20	\$0.04	\$0.70	\$0.00
2023	10846	LD.FRIVR_ME12.5	20	\$0.04	\$0.70	\$0.00
2023	13627	LD.ME_YK 13.2	20	\$0.04	\$0.70	\$0.00
2023	13692	LD.W_KENNEB115	20	\$0.04	\$0.70	\$0.00
2023	13703	UN.JAY 13.8VCG1	20	\$0.04	\$0.70	\$0.00
2023	13704	UN.JAY 13.8VCG2	20	\$0.04	\$0.70	\$0.00
2023	13705	UN.JAY 13.8VCG3	20	\$0.04	\$0.70	\$0.00
2023	13951	LD.KIMBL_RD34.5	20	\$0.04	\$0.70	\$0.00
2023	14177	UN.WESTBRK 18.0WE1A	20	\$0.04	\$0.70	\$0.00
2023	14178	UN.WESTBRK 18.0WE1B	20	\$0.04	\$0.70	\$0.00
2023	14796	LD.MUSSEYRD34.5	20	\$0.04	\$0.70	\$0.00
2023	35693	UN.WOODSTCK34.5SPMT	20	\$0.04	\$0.70	\$0.00
2023	37151	LD.HOTEL_RD12	20	\$0.04	\$0.70	\$0.00
2023	39676	LD.LEEDS_ME34.5	20	\$0.04	\$0.70	\$0.00
2023	39719	LD.PLSNT_HL12.5	20	\$0.04	\$0.70	\$0.00
2023	39990	LD.GOOSEFAR12	20	\$0.04	\$0.70	\$0.00
2023	40034	LD.MONMOUTH12	20	\$0.04	\$0.70	\$0.00
2023	40035	LD.MONMOUTH34.5	20	\$0.04	\$0.70	\$0.00
2023	40299	LD.VALLY_LN34.5	20	\$0.04	\$0.70	\$0.00
2023	40341	LD.CROWLEYS12.5	20	\$0.04	\$0.70	\$0.00
2023	43592	LD.N_AUGSTA34.5	20	\$0.04	\$0.70	\$0.00
2023	44009	LD.STURTVNT12.5	20	\$0.04	\$0.70	\$0.00
2023	44033	LD.COOPERML12.5	20	\$0.04	\$0.70	\$0.00
2023	46609	LD.BIDDEFRD12.5	20	\$0.04	\$0.70	\$0.00
2023	46610	LD.BRANCH 12.5	20	\$0.04	\$0.70	\$0.00
2023	46624	LD.CHALLENG12.5	20	\$0.04	\$0.70	\$0.00
2023	46637	LD.LEWSTN_L12.5	20	\$0.04	\$0.70	\$0.00
2023	46655	LD.MOSHERS 12.5	20	\$0.04	\$0.70	\$0.00
2023	46661	LD.NORWAY 12.5	20	\$0.04	\$0.70	\$0.00
2023	46678	LD.ELM_ST 12.5	20	\$0.04	\$0.70	\$0.00
2023	46681	LD.SEWAL_ST12.5	20	\$0.04	\$0.70	\$0.00
2023	46726	LD.PRID_CRN12.5	20	\$0.04	\$0.70	\$0.00
2023	46728	LD.2121A_T 34.5	20	\$0.04	\$0.70	\$0.00
2023	46729	LD.STICKNEY34.5	20	\$0.04	\$0.70	\$0.00
2023	46730	LD.UNION 34.5	20	\$0.04	\$0.70	\$0.00
2023	46950	LD.SPRNG_ST12.5	20	\$0.04	\$0.70	\$0.00
2023	48670	LD.MIDDLEST34.5	20	\$0.04	\$0.70	\$0.00
2023	48671	LD.MIDDLEST12.5	20	\$0.04	\$0.70	\$0.00
2023	49324	UN.HARTLAND12.5PITS	20	\$0.04	\$0.70	\$0.00
2023	50121	UN.BELFAST 34.5GEOR	20	\$0.04	\$0.70	\$0.00
2023	66234	UN.SAPHINCK115 SAPI	20	\$0.04	\$0.70	\$0.00
2023	66252	LD.SAPHINCK115	20	\$0.04	\$0.70	\$0.00
2023	67487	UN.YARMOUTH6.9 CABB	20	\$0.04	\$0.70	\$0.00
2023	67490	AR.YARMOUTH6.9 CABBD	20	\$0.04	\$0.70	\$0.00
2023	68258	LD.COUNTYRD34.5	20	\$0.04	\$0.70	\$0.00
2023	68737	UN.CYRO_DR 34.5SANS	20	\$0.04	\$0.70	\$0.00
2023	69786	UN.FRMINGTN34.5FRMS	20	\$0.04	\$0.70	\$0.00
2023	73278	UN.W_BUXTON34.5BONB	20	\$0.04	\$0.70	\$0.00
2023	73280	AR.W_BUXTON34.5BONBD	20	\$0.04	\$0.70	\$0.00