

NEPOOL Participants Committee Report

February 2025

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EXECUTIVE VICE PRESIDENT AND CHIEF OPERATING OFFICER

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Regular Operations Report - Highlights

Highlights: January 2025

- Peak Hour on January 22
 - 19,639 MW system peak (Revenue Quality Metered/RQM); hour ending 7:00 P.M.
- Average Pricing
 - Day Ahead (DA) Hub Locational Marginal Price (LMP): \$133.45/MWh
 - Real Time (RT) Hub LMP: \$135.24/MWh
 - Natural Gas: \$17.11/Mmbtu (MA Natural Gas Avg)
- Energy Market value \$1.5B up from \$838M in January 2024
 - Ancillary Markets* value \$7.7M down from \$8M in January 2024
 - Average DA cleared physical energy** during the peak hours as percent of forecasted load was 98.1% during January, up from 97.3% during December
 - Updated December Energy Market value: \$1B
- Net Commitment Period Compensation (NCPC) total \$7.2M
 - Represents 0.5% of monthly Energy Market value
 - First Contingency \$7M
 - Dispatch Lost Opportunity Cost (DLOC) \$937K; Rapid Response Pricing (RRP) Opportunity Cost \$681K; Posturing \$0; Generator Performance Auditing (GPA) - \$20K
 - \$2.5M paid to resources at external locations, up \$2.5M from December
 - \$2.5M charged to Day Ahead Load Obligation (DALO) at external locations, \$3.6K to RT Deviations
 - Distribution \$200K
 - Second Contingency \$10K
- Forward Capacity Market (FCM) market value \$119.7M
 - FCM peak observed in 2025 is currently 19,367 MWh
- Inventoried Energy Program (IEP)
 - Inventoried Energy Days (IED) were triggered on January 20th-22nd

*Ancillaries = Reserves, Regulation, NCPC, less Marginal Loss Revenue Fund

**DA cleared physical energy is the sum of Generation and Net Imports cleared in the DA Energy Market

Underlying natural gas data furnished by:



Year-to-Date Peak Load* Statistics

- Telemetered System Peak Load: 19,607 MW
 - hour ending 7:00 P.M. on Wednesday, January 22
- RQM System Peak Load: 19,639 MW (initial)
 - hour ending 7:00 P.M. on Wednesday, January 22
- FCM Peak Load: 19,367 MW (preliminary & subject to change)
 - hour ending 6:00 P.M. on Tuesday, January 21
 - At this hour, the capacity zone-level FCM peak loads were 2,769 MW in Northern New England, 1,866 MW in Maine, 7,310 MW in Rest-of-Pool, and 7,422 MW in Southeast New England.

^{*}Telemetered loads are as reported by the Control Room. RQM loads are of settlement quality and reflect the contribution of Settlement Only Generation (SOG). Due to the difference in calculation methodologies and the impact of SOGs, these values can occur on different days and/or hours. Both are 'net energy for load' concepts and include transmission losses. FCM load values reflect the sum of active, normal load assets that are non-dispatchable, are included in the FCM settlement and do not include transmission losses.

Highlights

- 2050 Transmission Study draft report on offshore wind analysis to address stakeholder comments was issued on 1/15/25
- The ISO is planning to issue the LTTP RFP in March 2025, with proposals due in September 2025

Forward Capacity Market (FCM) Highlights

- CCP 16 (2025-2026)
 - The third annual reconfiguration auction (ARA3) will be held March
 3-5 and results will be posted by April 2
- CCP 17 (2026-2027)
 - The second annual reconfiguration auction (ARA2) will be held
 August 1-5 and results will be posted by September 3
- CCP 18 (2027-2028)
 - ICR and related values for the ARAs to be conducted in 2025 were filed with FERC on November 22, 2024; FERC issued an order accepting the results effective January 21
 - The first annual reconfiguration auction (ARA1) will be held June 2-4 and results will be posted by July 3

FCM Highlights, cont.

- CCP 19 (2028-2029)
 - The ISO filed market rule changes to delay FCA 19 for two additional years with FERC on April 5, 2024
 - On May 20, 2024 FERC issued an order accepting the additional delay to FCA 19
 - 2024 interim RA qualification process completed on November 1, 2024
 - A total of 1,389 MW (summer Qualified Capacity) was qualified to participate in future reconfiguration auctions
 - 2025 interim RA qualification process will begin in April 2025
 - No ICR and related values will be calculated for CCP 19 until the CAR project is completed

Load Forecast

- A new hourly forecast methodology is being implemented as part of the 2024/25 load forecasting cycle, and is being discussed at the Load Forecast Committee (LFC)
- The next LFC meeting will be held on February 21

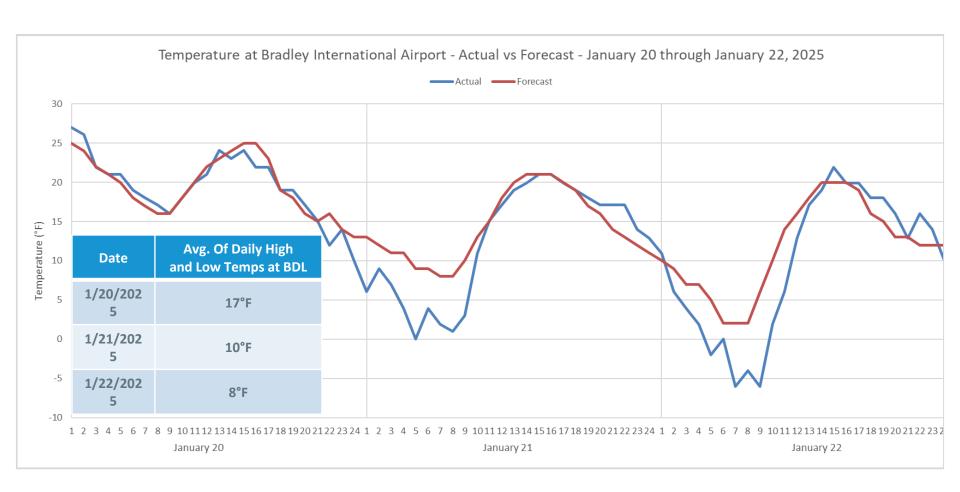


January Cold Snap

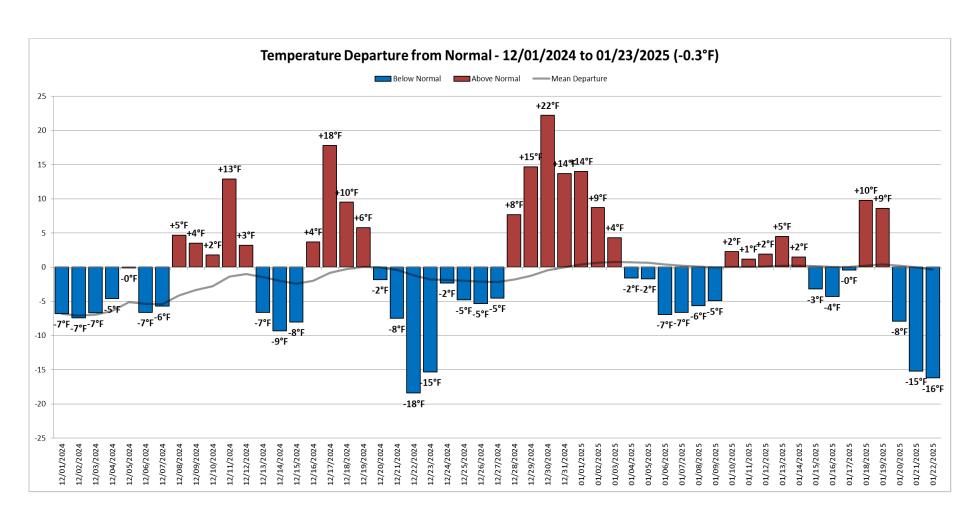
January 20 - January 22, 2025

Cold Snap Resulted in Three Consecutive Inventoried Energy Days

Inventoried Energy Days (IED) occurred on 1/20, 1/21, and 1/22



Temperatures Have Averaged Close to Normal This Winter, But Averaged 13°F Below Normal During Cold Snap



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ISO's Peak Load and Energy Forecasts During Cold Snap

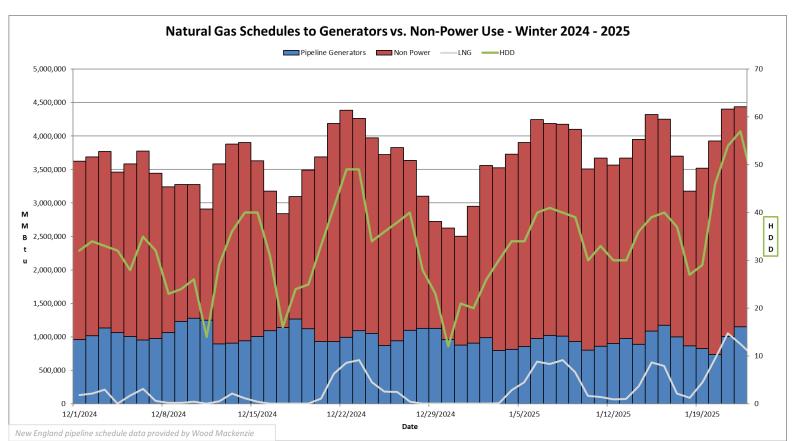
- Snowfall occurred on the first day of the cold snap, challenging behind-the-meter PV forecasts on subsequent days
- Peak load error on 1/22 resulted primarily from temperatures turning warmer than anticipated from early afternoon through the evening

Date	Peak Load Forecast	Peak Load Actual ¹	Pct. Error			
1/20/2025	18,900	18,976	0.40%			
1/21/2025	19,600	19,593	0.03%			
1/22/2025	20,400	19,607	4.04%			
Date	Energy Forecast	Energy Actual	Pct. Error			
1/20/2025	380,290	381,060	0.20%			
1/21/2025	405,130	416,309	2.69%			
1/22/2025	419,670	418,336	0.32%			

1: represents telemetered system load

As Expected, Natural Gas Demand in the Region Was High During the Cold Snap

 LNG vaporization to pipelines so far this winter (~13 Bcf) is higher than all of winter 2023-2024

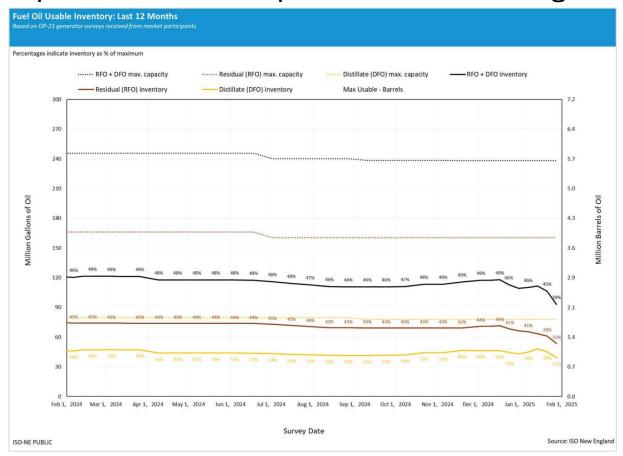


Fuel Oil Usage Increased Ahead of the Cold Snap; Replenishment is Expected

 Usage was offset by replenishment leading up to the cold snap; additional replenishment is expected in the coming

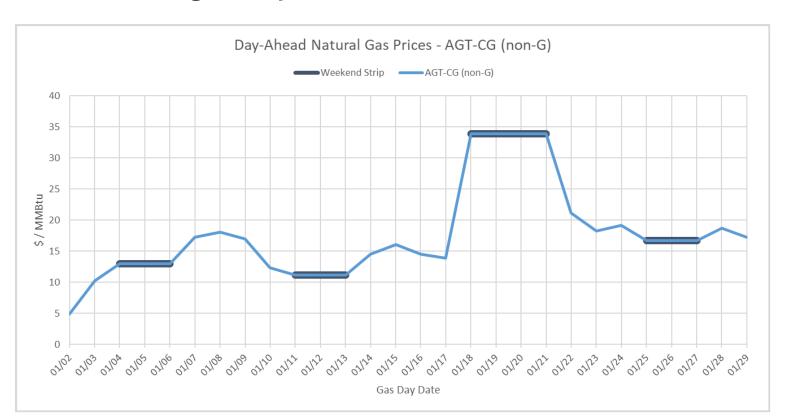
weeks

 ~24M gallons of oil was burned from 1/14 to 1/28; this is nearly 4 times the quantity of oil burned in winter 2023/24

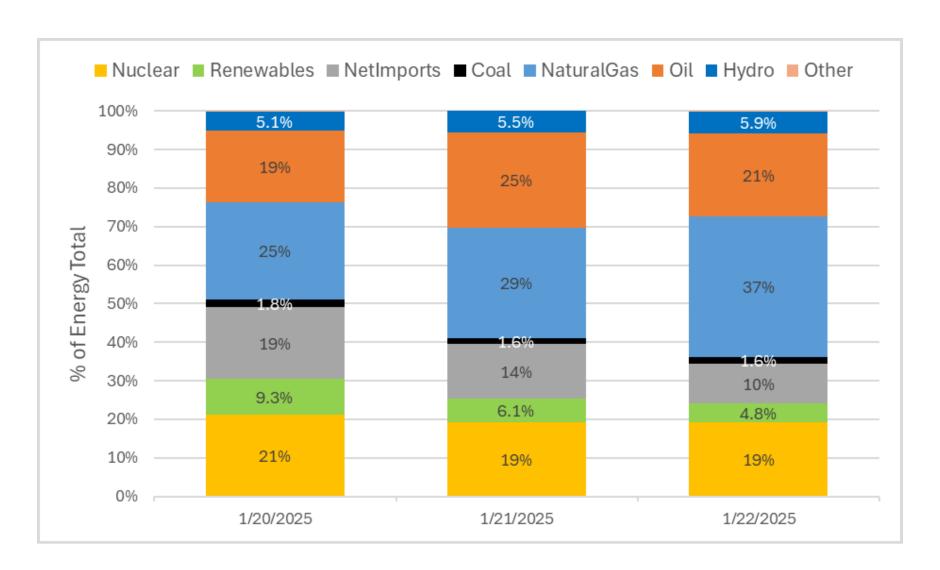


Natural Gas Traded at ~\$34/MMBtu Through the Holiday Weekend and Much of the Cold Snap

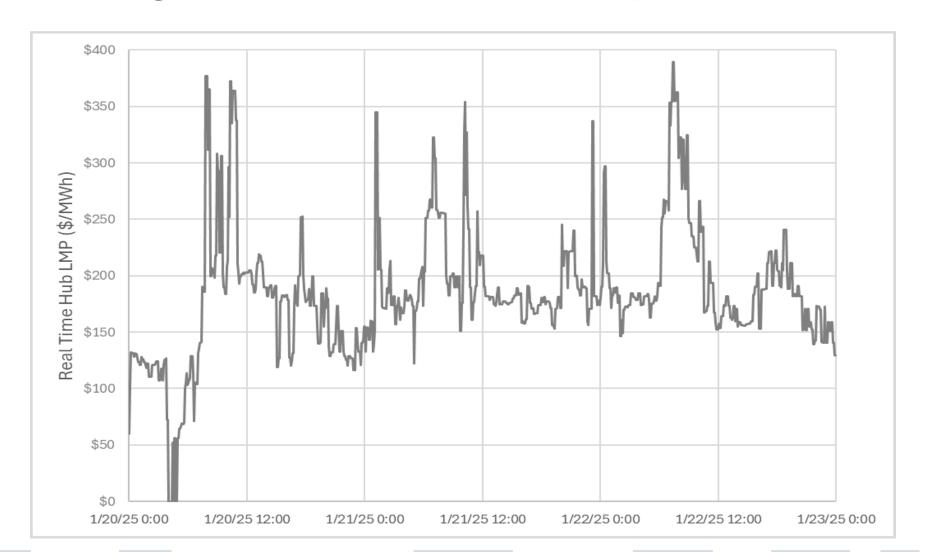
 Gas prices returned to more typical levels (~\$18/MMBtu) for the 1/22 gas day



Energy Contribution from Various Fuel Sources



Real-Time LMPs Averaged \$185/MWh During the Three-Day Cold Snap



Inventoried Energy Program (IEP) Update for January 2025

- IEP Update for January 2025:
 - Forward Component Daily Base Payments continue at \$873K/day
 - Inventoried Energy Days (IED) were triggered from January 20th-22nd due to cold weather¹
 - IED Spot Net Payments² for January 20th-22nd totaled (\$634K)
 - January 20th-22nd were the first IEDs having net spot payments that were negative, representing a reduction to daily (and overall) program costs
- Updated Projected Program Cost³: \$78.4M
 - For comparison, prior season's program cost was \$78.8M

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¹ An IED is declared when the average of the high and low temperature is less than or equal to 17 degrees Fahrenheit as reported by the National Weather Service at Bradley International Airport.

² Includes charges to underperforming inventory from forward component units, spot payments to spot-only component units (always positive), and spot payments to forward component units for inventory in excess of their forward election.

³ Reflects total projected Forward Base Payments plus any actual IED Spot Net Payments that have transpired during the period.

IED High Level Summary for January 20th-22nd

- IED Spot Net Payments: (\$634K)
 - See next slide for detail
- Average daily IED Inventory Performance over the 3 days:
 964,131 MWh
 - Forward Component: 957,773 MWh compared to elections of 995,014 MWh
 - ~55% of customers met or exceeded forward elections
 - ~45% of customers under-performed relative to forward elections
 - Spot-Only Component: ~6,358 MWh compared to estimated participation of
 7,020 MWh

Spot Net Payments reflect charges to underperforming inventory from forward component units, payments to forward component units for inventory in excess of their forward elections, and payments to spot-only component units (always positive).

IED Spot Credit/Charge Detail by Day for January 20th-22nd

Assets with Forward Component Participation

Day	Forward Assets w/ Charges	Forward Assets w/ Credits	Assets w/Spot only Participation (Credits)	IEP Spot Net Payments		
20-Jan-25	(\$907,584)	\$455,875	\$50,591	(\$401,117)		
21-Jan-25	(\$604,211)	\$393,044	\$50,322	(\$160,845)		
22-Jan-25	(\$611,623)	\$489,355	\$49,761	(\$72,506)		
	(\$2,123,418)	\$1,338,274	\$150,674	(\$634,469)		

Spot Net Payments reflect charges to underperforming inventory from forward component units, payments to forward component units for inventory in excess of their forward elections, and payments to spot-only component units (always positive)

SYSTEM OPERATIONS

System Operations

Weather Patterns	Boston	Temperature: Below Normal (1.1°F) Max: 48°F, Min: 10°F Precipitation: 2.17" – Below Normal Normal: 3.39" Snow: 8.2"	Hartford	Temperature: Above Normal (1.3°F) Max: 53°F, Min: -6°F Precipitation: 1.58" - Below Normal Normal: 3.28" Snow: 5.6"
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Peak Load:	19,607 MW	January 22, 2025	19:00 (ending)

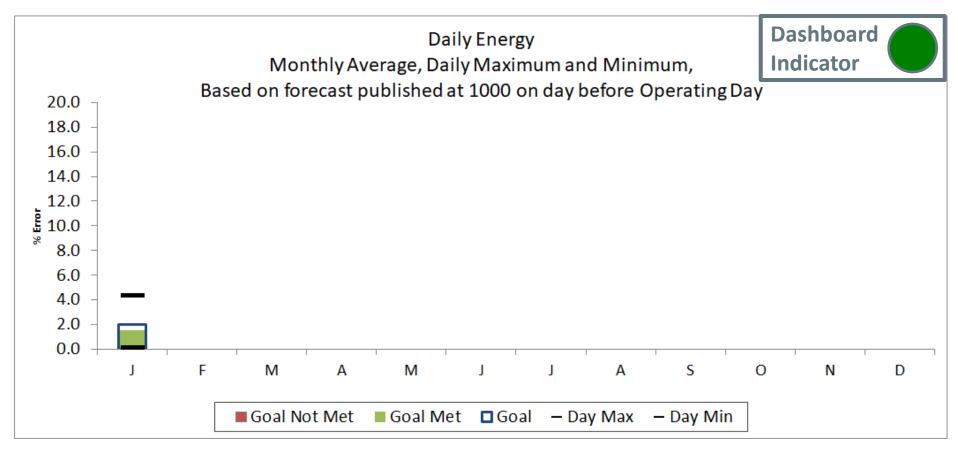
Emergency Procedure Events (OP-4, M/LCC 2, Minimum Generation Emergency)

Procedure	Declared	Cancelled	Note			
		NONE				

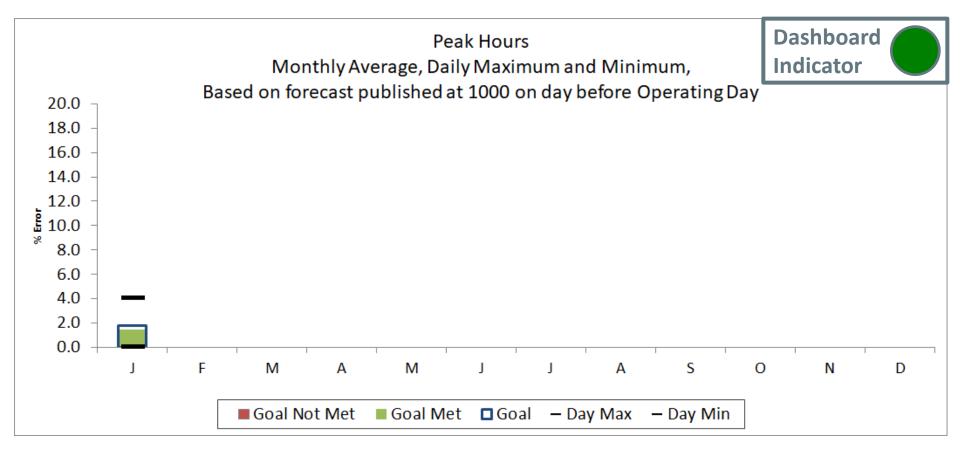
System Operations

NPCC Simultaneous Activation of Reserve Events

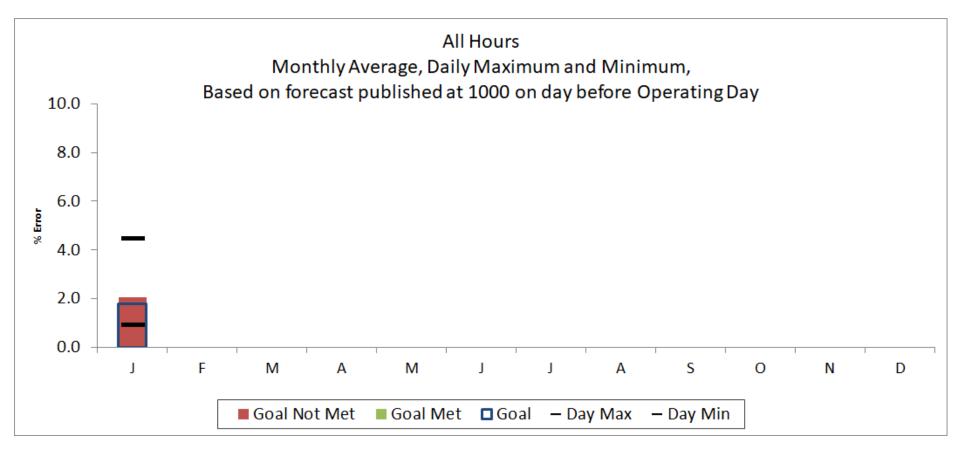
Date	Area	MW Lost
01/04/2025	NYISO	525
01/08/2025	IESO	850
01/19/2025	ISO-NE	750
01/21/2025	ISO-NE	600
01/22/2025	NBPSO	400
01/31/2025	NYISO	530



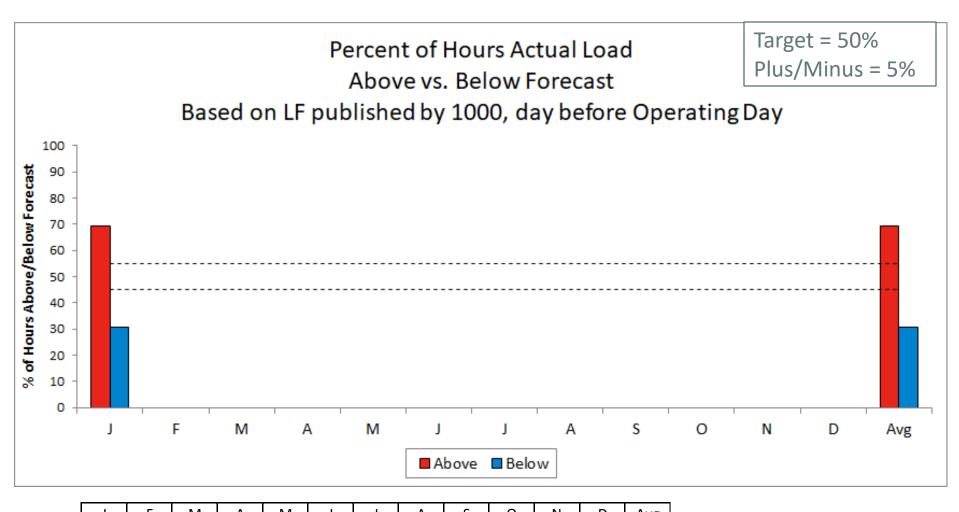
Month	J	F	М	Α	М	J	J	Α	S	0	N	D	
Day Max	4.31												4.31
Day Min	0.12												0.12
MAPE	1.54												1.54
Goal	2.00												



Month	J	F	М	Α	М	J	J	Α	S	0	N	D	
Day Max	4.04												4.04
Day Min	0.03												0.03
MAPE	1.48												1.48
Goal	1.80												



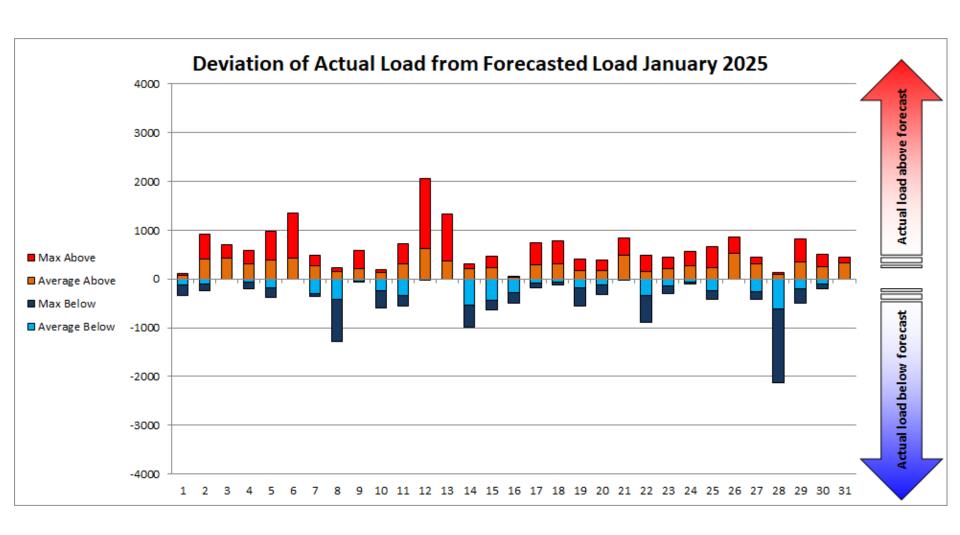
Month	J	F	М	Α	М	J	J	Α	S	0	N	D	
Day Max	4.46												4.46
Day Min	0.90												0.90
MAPE	2.07												2.07
Goal	1.80												



Above %
Below %
Avg Above
Avg Below

Avg All

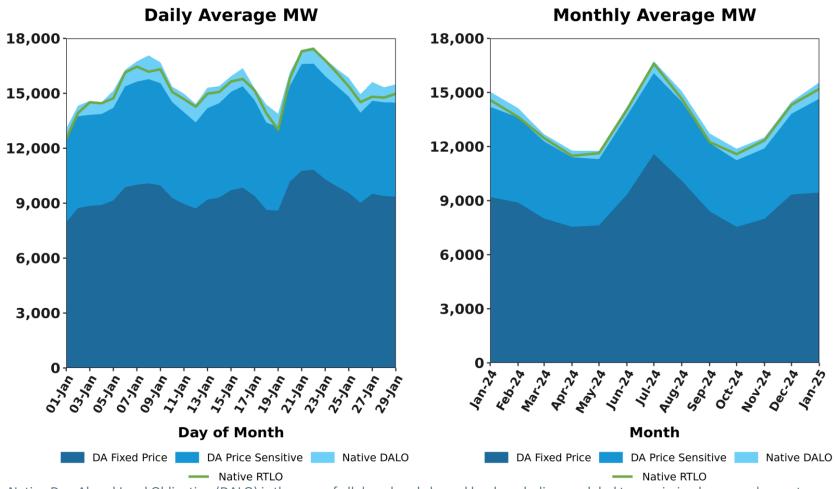
	J	F	M	Α	M	J	J	Α	S	O	N	ט	Avg
%	69.2												69
%	30.8												31
ove	280.5												281
ow	-178.6												-179
	138												138



MARKET OPERATIONS

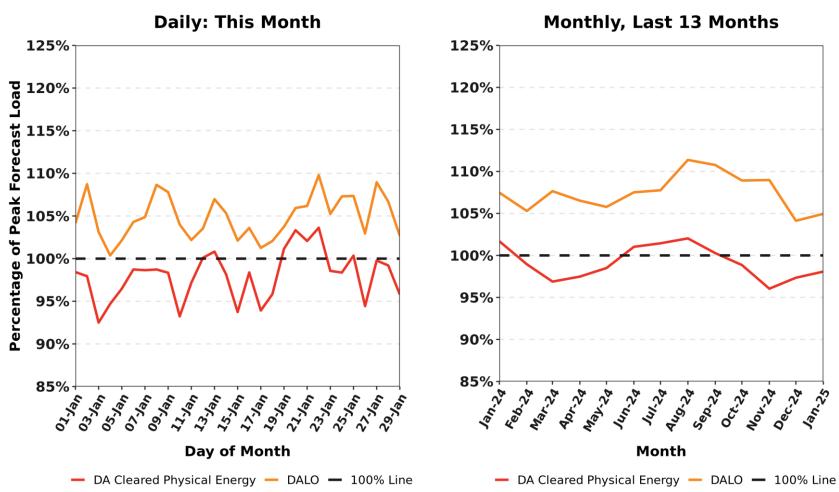
SUPPLY AND DEMAND VOLUMES

DA Cleared Native Load by Composition Compared to Native RT Load



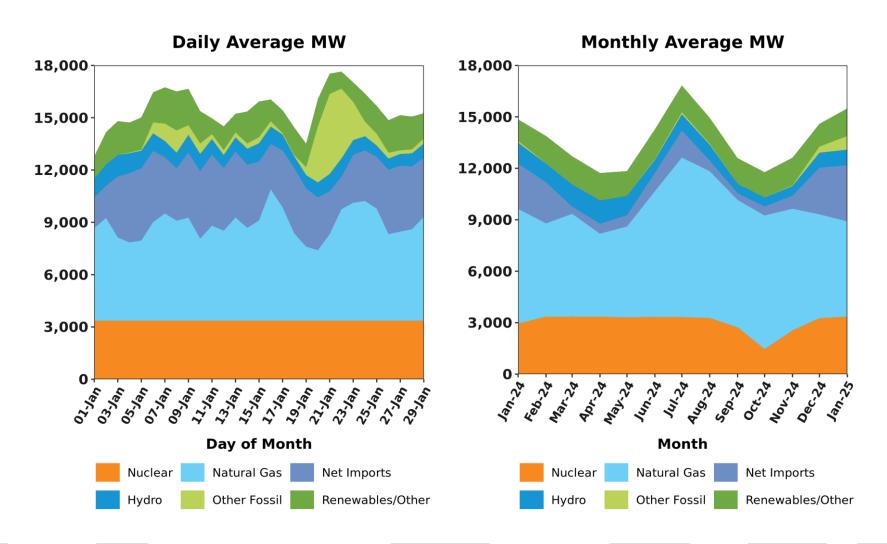
Native Day-Ahead Load Obligation (DALO) is the sum of all day-ahead cleared load, excluding modeled transmission losses and exports Native Real-Time Load Obligation (RTLO) is the sum of all real-time load, excluding exports

DA Volumes as % of Forecast in Peak Hour

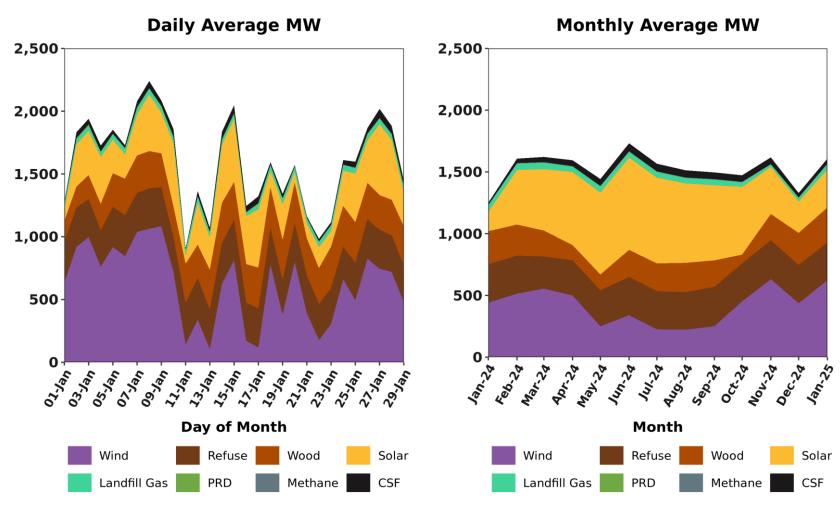


The number of system-level manual supplemental commitments for capacity required during the Reserve Adequacy Assessment (RAA) period during the month was: none

Resource Mix

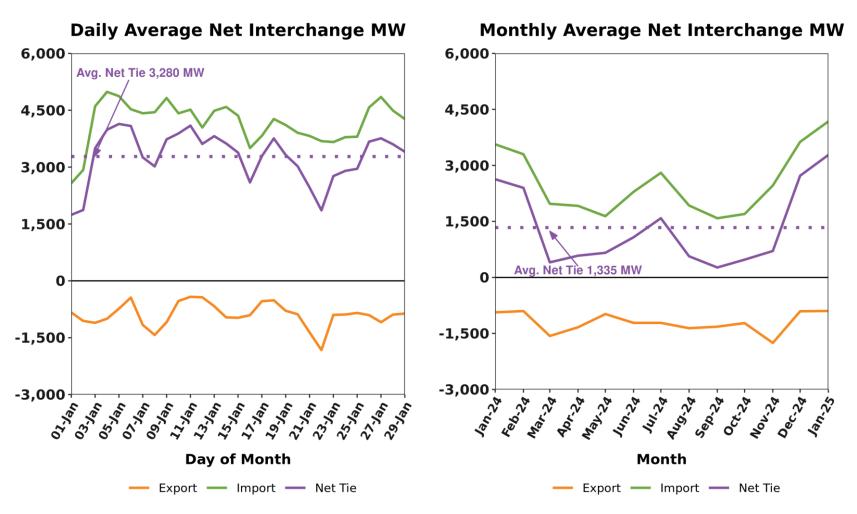


Renewable Generation by Fuel Type



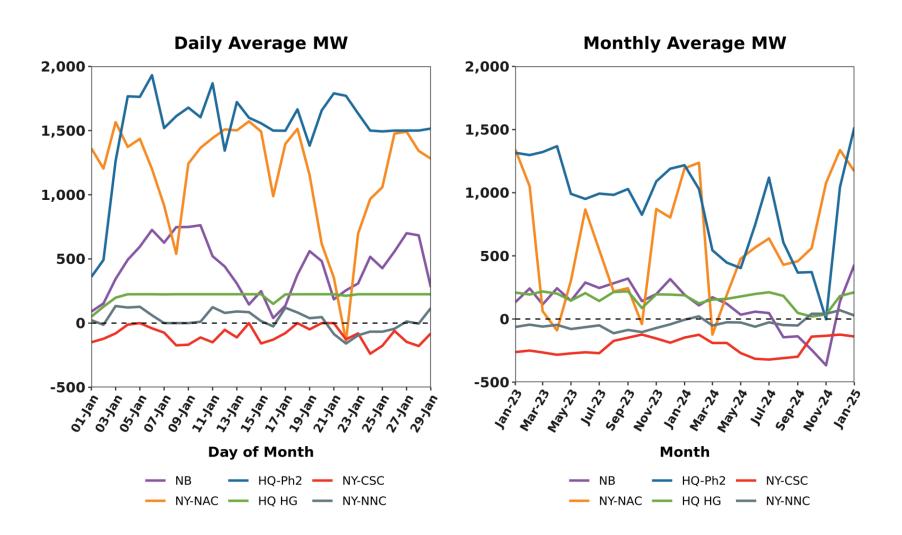
CSF = Continuous Storage Facilities (a.k.a. Batteries)

RT Net Interchange

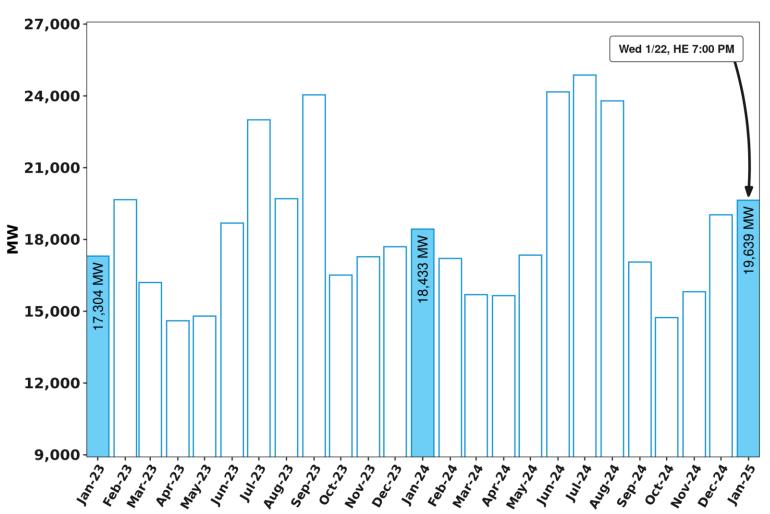


Net Interchange is the participant sum of daily imports minus the sum of daily exports; positive values are net imports

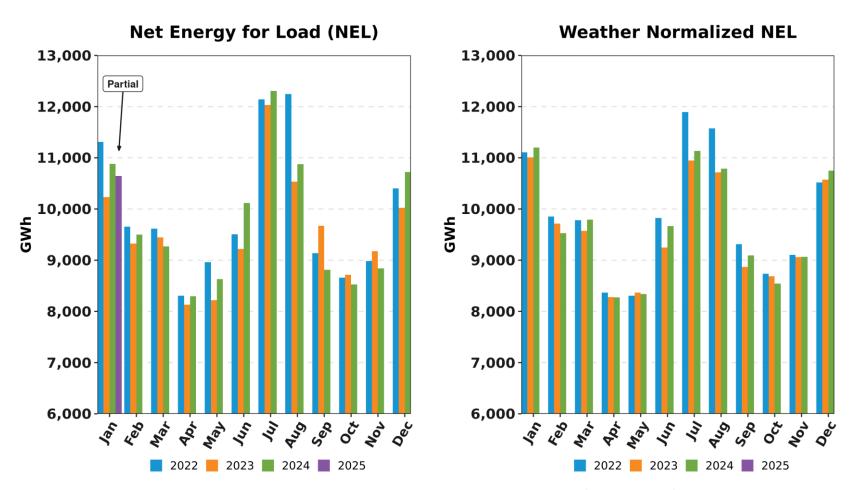
RT Net Interchange by External Interface



RQM System Peak Load MW by Month



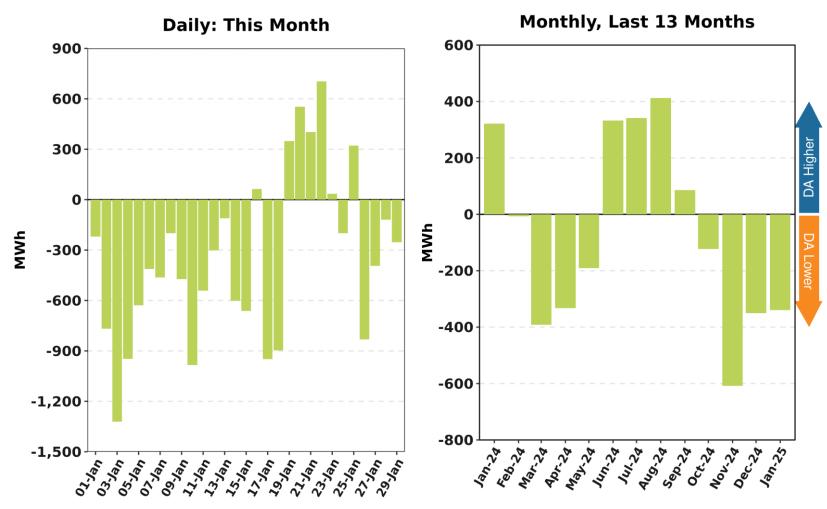
Monthly Recorded Net Energy for Load (NEL) and Weather Normalized NEL



NEPOOL NEL is the total net revenue quality metered energy required to serve load and is analogous to 'RT system load.' NEL is calculated as: Generation + Demand Response Resource output - pumping load + net interchange where imports are positively signed. Current month's data may be preliminary.

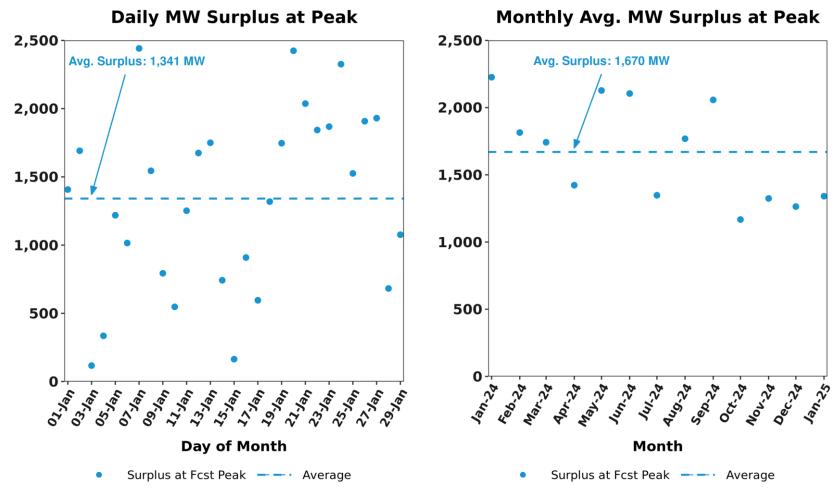
Weather normalized NEL is typically reported on a one-month lag.

DA Cleared Physical Energy Difference from RT System Load at Forecasted Peak Hour



Negative values indicate DA Cleared Physical Energy value below its RT counterpart.

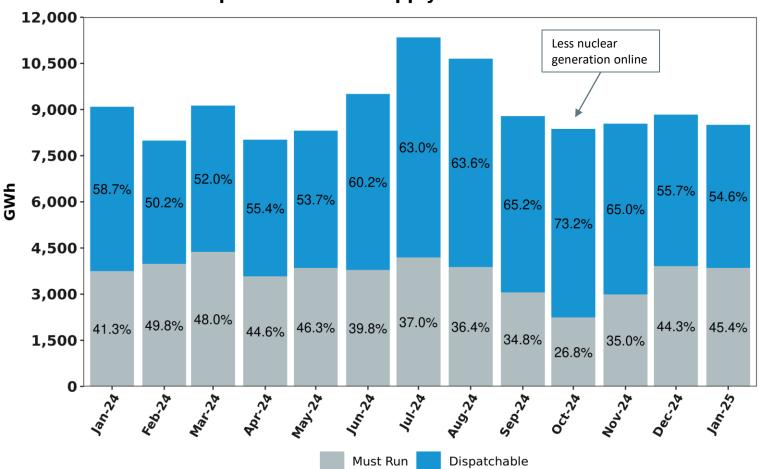
Capacity Surplus* Cleared in the DA Market Relative to Forecasted Peak-Hour Requirements



^{*}DA capacity surplus includes DA offered ECO max above cleared amounts for cleared resources + offered reserves from available non-cleared resources + DA scheduled net interchange, reflected for the peak hour

RT Generation Output Offered as Must Run vs Dispatchable

Participant Must Run Supply as % of Total Generation



Includes generation and DRR. Must Run (non-dispatchable) category reflects full output of settlement-only generation (SOG) as well as must run offers from modeled units

MARKET PRICING

ISO-NE INTERNAL USE

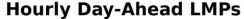
DA vs. RT LMPs (\$/MWh)

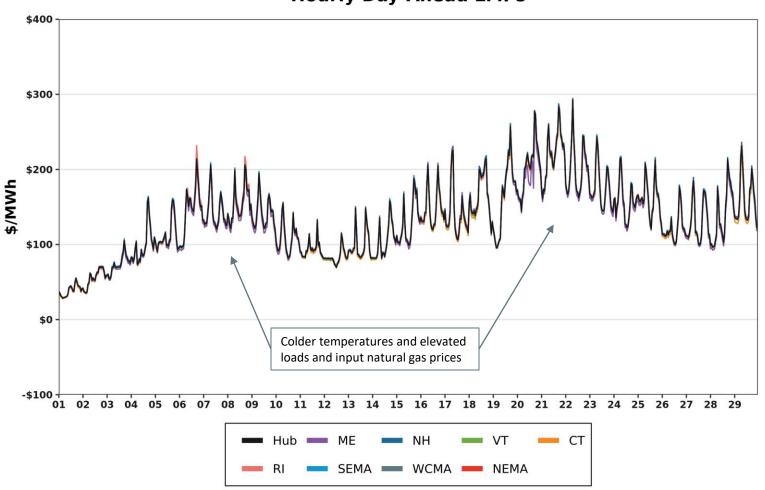
Arithmetic Average

Year 2023	Hub	ME	NH	VT	СТ	RI	SEMA	WCMA	NEMA
Day-Ahead	\$37.04	\$36.59	\$37.22	\$36.78	\$36.25	\$36.89	\$37.34	\$37.07	\$37.35
Real-Time	\$35.91	\$35.36	\$36.05	\$35.55	\$35.26	\$35.71	\$36.17	\$35.92	\$36.21
RT Delta %	-3.05%	-3.36%	-3.14%	-3.34%	-2.73%	-3.20%	-3.13%	-3.10%	-3.05%
Year 2024	Hub	ME	NH	VT	СТ	RI	SEMA	WCMA	NEMA
Day-Ahead	\$41.35	\$41.07	\$41.72	\$41.11	\$40.17	\$41.28	\$41.70	\$41.37	\$41.91
Real-Time	\$39.37	\$38.79	\$39.65	\$39.23	\$38.46	\$39.17	\$39.62	\$39.37	\$39.77
RT Delta %	-3.05%	-3.36%	-3.14%	-3.34%	-2.73%	-3.20%	-3.13%	-3.10%	-3.05%

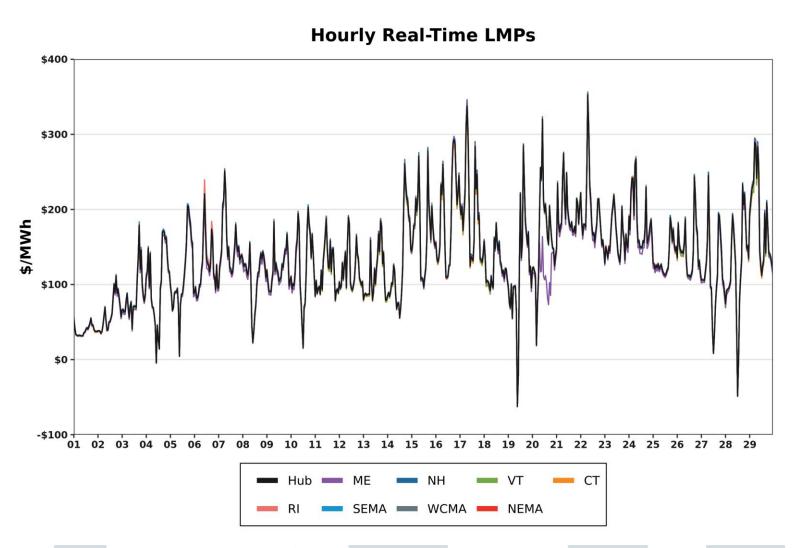
January-24	Hub	ME	NH	VT	СТ	RI	SEMA	WCMA	NEMA
Day-Ahead	\$70.47	\$68.31	\$70.01	\$69.58	\$69.39	\$71.16	\$71.14	\$70.45	\$70.34
Real-Time	\$63.67	\$60.86	\$63.04	\$62.90	\$62.78	\$63.87	\$64.55	\$63.59	\$63.58
RT Delta %	-9.65%	-10.91%	-9.96%	-9.60%	-9.53%	-10.24%	-9.26%	-9.74%	-9.61%
January-25	Hub	ME	NH	VT	СТ	RI	SEMA	WCMA	NEMA
Day-Ahead	\$133.45	\$130.70	\$134.11	\$132.39	\$130.31	\$133.78	\$134.92	\$133.42	\$134.79
Real-Time	\$135.24	\$130.70	\$135.74	\$133.18	\$132.36	\$135.77	\$136.74	\$135.16	\$136.72
RT Delta %	1.34%	0.00%	1.22%	0.60%	1.57%	1.49%	1.35%	1.30%	1.43%
Annual Diff.	Hub	ME	NH	VT	СТ	RI	SEMA	WCMA	NEMA
Yr over Yr DA	89.37%	91.33%	91.56%	90.27%	87.79%	88.00%	89.65%	89.38%	91.63%
Yr over Yr RT	112.41%	114.76%	115.32%	111.73%	110.83%	112.57%	111.84%	112.55%	115.04%

Hourly DA LMPs, January 1-29, 2025

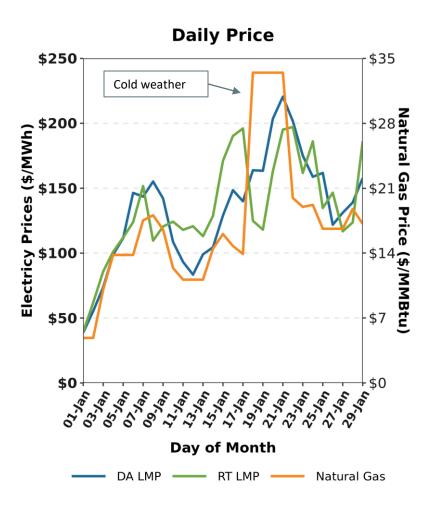


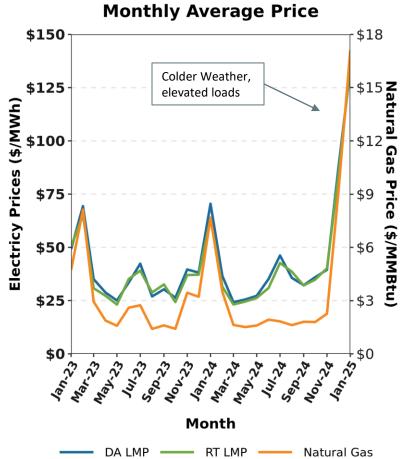


Hourly RT LMPs, January 1-29, 2025



Wholesale Electricity vs Natural Gas Price by Month



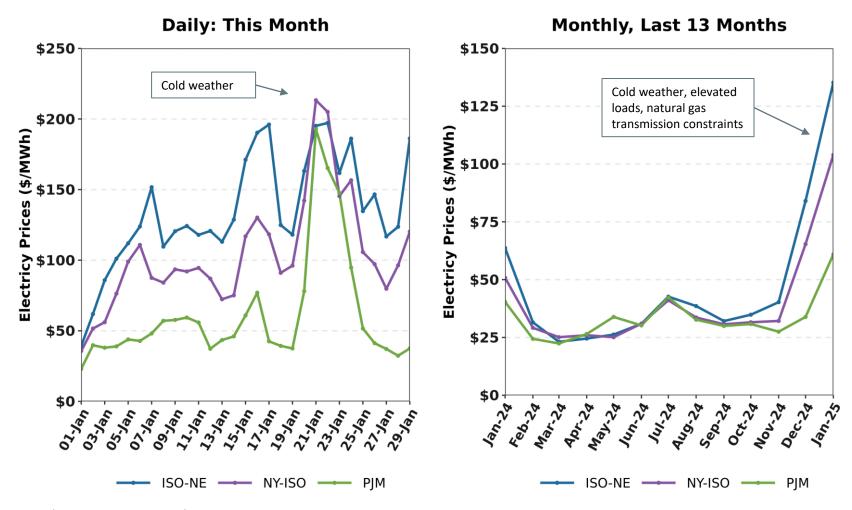


Gas price is average of Massachusetts delivery points

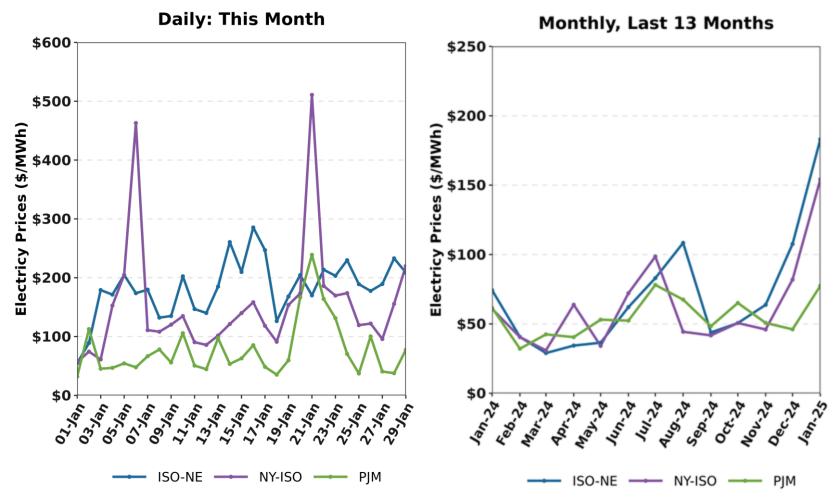
ICE Global markets in clear view

Underlying natural gas data furnished by:

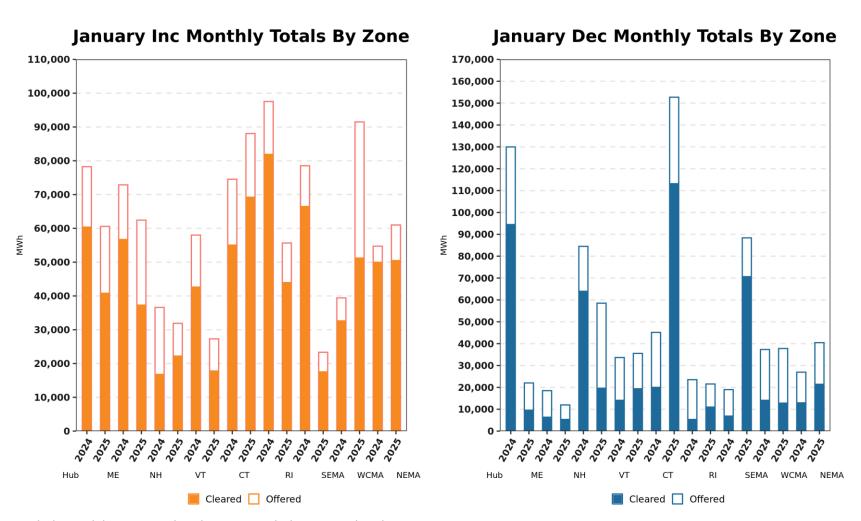
New England, NY, and PJM Hourly Average RT Prices by Month



New England, NY, and PJM RT Pricing during New England's Forecasted Daily Peak Hours



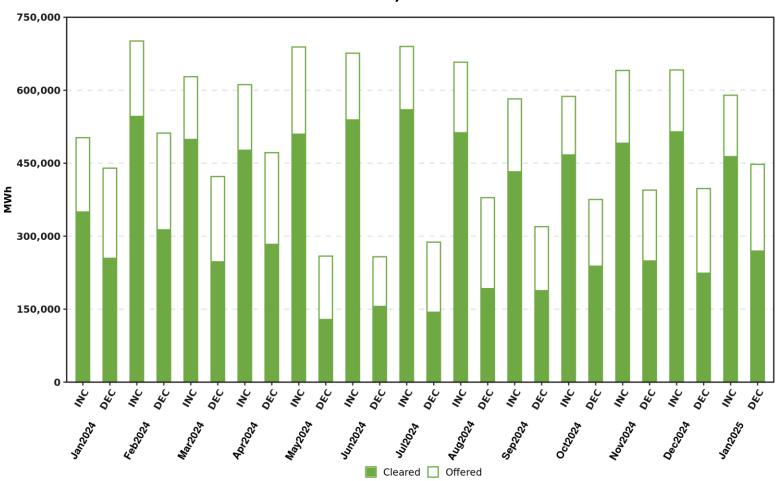
Zonal Increment Offers and Decrement Bid Amounts



Includes nodal activity within the zone; excludes external nodes

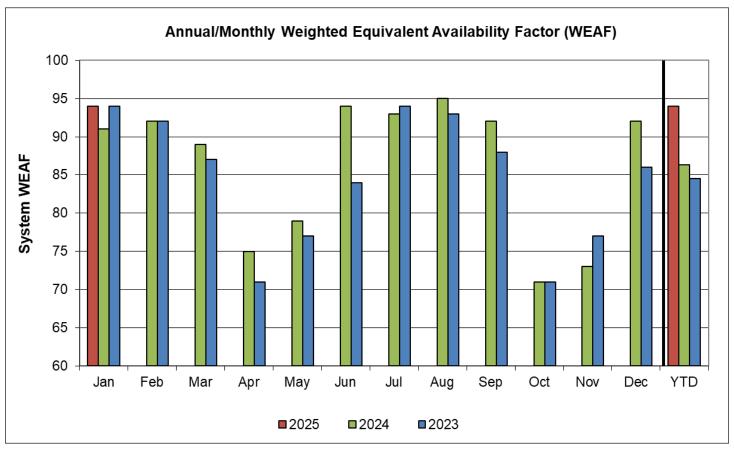
Total Increment Offers and Decrement Bids





Includes nodal activity within the zone; excludes external nodes

System Unit Availability



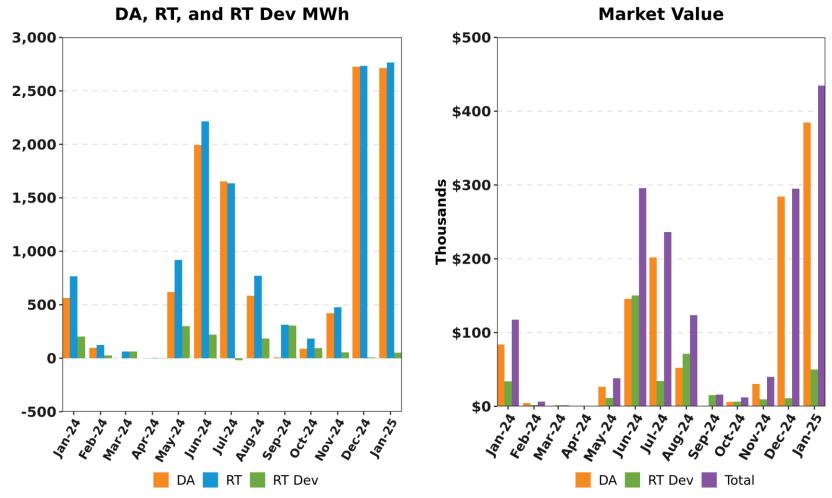
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	YTD
2025	94												94
2024	91	92	89	75	79	94	93	95	92	71	73	92	86
2023	94	92	87	71	77	84	94	93	88	71	77	86	85

Data as of 1/27/25

BACK-UP DETAIL

DEMAND RESPONSE

Price Responsive Demand (PRD) Energy Market Activity by Month



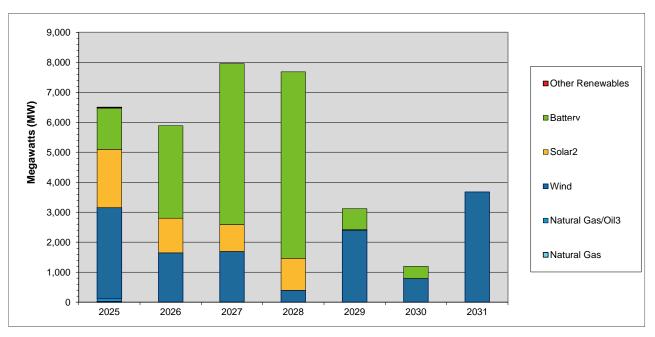
DA and RT (deviation) MWh are settlement obligations and reflect appropriate gross-ups for distribution losses.

NEW GENERATION

New Generation Update Based on Queue as of 01/31/25

- No new projects were added to the interconnection queue since the last update
 - Any new ISO Interconnection Requests seeking to successfully enter the Order No. 2023 Transitional Cluster Study process were required to be submitted by June 13, 2024 at 23:59
 - Thereafter, the creation of new ISO Interconnection Requests is now suspended until the next Cluster Entry Window opens
- In total, 391 generation projects are currently being tracked by the ISO, totaling approximately 39,624 MW

Projected Annual Capacity Additions By Supply Fuel Type



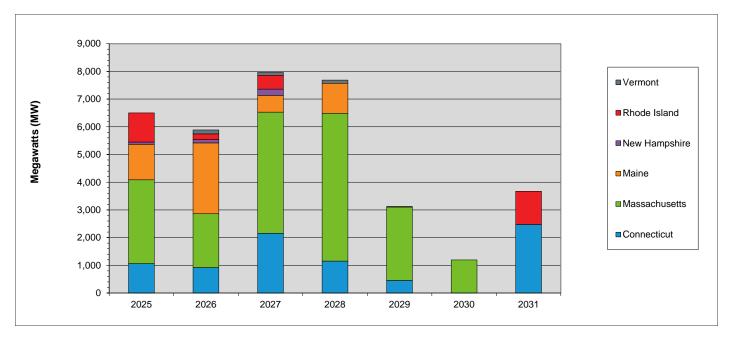
	2025	2026	2027	2028	2029	2030	2031	Total MW	% of Total ¹
Other Renewables	29	0	0	0	0	0	0	29	0.1
Battery	1,378	3,086	5,373	6,220	704	404	0	17,165	47.6
Solar ²	1,942	1,157	896	1,070	17	0	0	5,082	14.1
Wind	3,038	1,640	1,687	394	2,400	791	3,675	13,625	37.8
Natural Gas/Oil ³	89	0	0	0	0	0	0	89	0.2
Natural Gas	26	4	4	0	0	0	0	34	0.1
Totals	6,502	5,887	7,960	7,684	3,121	1,195	3,675	36,024	100.0

¹ Sum may not equal 100% due to rounding

² This category includes both solar-only, and co-located solar and battery projects

³ The projects in this category are dual fuel, with either gas or oil as the primary fuel

Projected Annual Generator Capacity Additions By State



	2025	2026	2027	2028	2029	2030	2031	Total MW	% of Total ¹
Vermont	0	144	101	115	0	0	0	360	1.0
Rhode Island	1,052	205	499	0	0	0	1,200	2,956	8.2
New Hampshire	82	122	226	0	0	0	0	430	1.2
Maine	1,283	2,555	607	1,081	17	0	0	5,543	15.4
Massachusetts	3,025	1,942	4,374	5,336	2,650	1,195	0	18,522	51.4
Connecticut	1,060	919	2,153	1,152	454	0	2,475	8,213	22.8
Totals	6,502	5,887	7,960	7,684	3,121	1,195	3,675	36,024	100.0

¹ Sum may not equal 100% due to rounding

New Generation Projection By Fuel Type

	To	tal	Gre	reen		low
Unit Type	No. of Projects	Capacity (MW)	No. of Projects	Capacity (MW)	No. of Projects	Capacity (MW)
Biomass/Wood Waste	0	0	0	0	0	0
Battery Storage	124	17,165	3	575	121	16,590
Fuel Cell	3	29	1	17	2	12
Hydro	0	0	0	0	0	0
Natural Gas	5	34	0	0	5	34
Natural Gas/Oil	2	89	0	0	2	89
Nuclear	0	0	0	0	0	0
Solar	231	5,082	18	381	213	4,701
Wind	26	17,225	3	985	23	16,240
Total	391	39,624	25	1,958	366	37,666

- Projects in the Natural Gas/Oil category may have either gas or oil as the primary fuel
- •Green denotes projects with a high probability of going into service within the next 12 months
- •Yellow denotes projects with a lower probability of going into service or new applications

New Generation Projection *By Operating Type*

	То	tal	Gre	een	Yel	low
Operating Type	No. of Projects	Capacity (MW)	No. of Projects	Capacity (MW)	No. of Projects	Capacity (MW)
Baseload	5	42	1	17	4	25
Intermediate	2	89	0	0	2	89
Peaker	358	22,268	21	956	337	21,312
Wind Turbine	26	17,225	3	985	23	16,240
Total	391	39,624	25	1,958	366	37,666

- Green denotes projects with a high probability of going into service within the next 12 months
- Yellow denotes projects with a lower probability of going into service or new applications

New Generation Projection *By Operating Type and Fuel Type*

	To	Total		load	Interm	ediate	Pea	ıker	Wind Turbine	
Unit Type	No. of Projects	Capacity (MW)								
Biomass/Wood Waste	0	0	0	0	0	0	0	0	0	0
Battery Storage	124	17,165	0	0	0	0	124	17,165	0	0
Fuel Cell	3	29	3	29	0	0	0	0	0	0
Hydro	0	0	0	0	0	0	0	0	0	0
Natural Gas	5	34	2	13	0	0	3	21	0	0
Natural Gas/Oil	2	89	0	0	2	89	0	0	0	0
Nuclear	0	0	0	0	0	0	0	0	0	0
Solar	231	5,082	0	0	0	0	231	5,082	0	0
Wind	26	17,225	0	0	0	0	0	0	26	17,225
Total	391	39,624	5	42	2	89	358	22,268	26	17,225

[•] Projects in the Natural Gas/Oil category may have either gas or oil as the primary fuel

FORWARD CAPACITY MARKET

			FCA	AR	A 1	AR	A 2	AR.	A 3
Resource Type	Resou	се Туре	cso	CSO	Change	cso	Change	CSO	Change
			MW	MW	MW	MW	MW	MW	MW
Damand	Active	Demand	592.043	688.07	96.027	659.671	-28.399	564.371	-95.3
Demand	Passive	Demand	3,327.071	3,327.932	0.861	3,315.207	-12.725	3,253.179	-62.028
	Demand Total		3,919.114	4,016.002	96.888	3,974.878	-41.124	3,817.550	-157.328
Gene	rator	Non-Intermittent	27,816.902	28,275.143	458.241	27,697.714	-577.429	27,684.252	-13.462
		Intermittent	1,160.916	1,128.446	-32.47	925.942	-202.504	893.444	-32.498
	Generator Total		28,977.818	29,403.589	425.771	28,623.656	-779.933	28,577.696	-45.96
	Import Total		1,058.72	1,058.72	0	1,029.800	-28.92	958.380	-71.42
	Grand Total*		33,955.652	34,478.311	522.661	33,628.334	-849.977	33,353.626	-274.708
	Net ICR (NICR)		32,490	32,980	490	31,480	-1,500	31,690	210

^{*} Grand Total reflects both CSO Grand Total and the net total of the Change Column

			FCA	AR.	A 1	AR	A 2	AR.	A 3
Resource Type	Resour	се Туре	cso	cso	Change	cso	Change	CSO	Change
			MW	MW	MW	MW	MW	MW	MW
Damand	Active	Demand	677.673	673.401	-4.272	579.692	-93.709	461.416	-118.276
Demand	Passive	Demand	3,212.865	3,211.403	-1.462	3,134.652	-76.751	3,113.332	-21.32
	Demand Total		3,890.538	3,884.804	-5.734	3,714.344	-170.460	3,574.748	-139.596
Gene	erator	Non-Intermittent	28,154.203	27,714.778	-439.425	27,081.653	-633.125	27,132.413	50.76
		Intermittent	1,089.265	1,073.794	-15.471	1,056.601	-17.193	865.694	-190.907
	Generator Total		29,243.468	28,788.572	-454.896	28,138.254	-650.318	27,998.107	-140.147
	Import Total		1,487.059	1297.132	-189.927	1,249.545	-47.587	1,193.583	-55.962
	Grand Total*		34,621.065	33,970.508	-650.557	33,102.143	-868.365	32,766.438	-335.705
	Net ICR (NICR)		33,270	31,775	-1,495	31,545	-230	31,380	-165

^{*} Grand Total reflects both CSO Grand Total and the net total of the Change Column

			FCA	AR	A 1	AR	A 2	AR	A 3
Resource Type	Resou	се Туре	CSO	CSO	Change	CSO	Change	CSO	Change
			MW	MW	MW	MW	MW	MW	MW
Dames 1	Active	Demand	765.35	589.882	-175.468	504.466	-85.416		
Demand	Passive	Demand	2,557.256	2,579.120	21.864	2,574.367	-4.753		
	Demand Total		3,322.606	3,169.002	-153.604	3,078.833	-90.169		
Gene	erator	Non-Intermittent	26,805.003	26,643.379	-161.624	26,503.730	-139.649		
		Intermittent	1,178.933	1,146.783	-32.15	989.265	-157.518		
	Generator Total		27,983.936	27,790.162	-193.774	27,492.995	-297.167		
	Import Total		1,503.842	1,247.601	-256.241	1,244.601	-3.000		
	Grand Total*		32,810.384	32,206.765	-603.619	31,816.429	-390.336		
	Net ICR (NICR)		31,645	30,585	-1,060	30,775	190.000		

 $[\]mbox{\ensuremath{^{\ast}}}$ Grand Total and the net total of the Change Column

			FCA	AR	A 1	AR	A 2	AR	A 3
Resource Type	Resou	се Туре	cso	CSO	Change	cso	Change	cso	Change
			MW	MW	MW	MW	MW	MW	MW
Demand	Active	Demand	622.854	584.913	-37.941				
Demand	Passive	Demand	2,316.815	2,314.068	-2.747				
	Demand Total		2,939.669	2,898.981	-40.688				
Gene	rator	Non-Intermittent	26,507.420	26,715.489	208.069				
		Intermittent	1,356.084	1,286.589	-69.495				
	Generator Total		27,863.504	28,002.078	138.574				
	Import Total		566.998	564.079	-2.919				
	Grand Total*		31,370.171	31,465.138	94.967				
	Net ICR (NICR)		30,305	30,395	90.000				

^{*} Grand Total reflects both CSO Grand Total and the net total of the Change Column

	Resource Type		FCA	ARA 1		ARA 2		ARA 3	
Resource Type			cso	CSO	Change	cso	Change	CSO	Change
			MW	MW	MW	MW	MW	MW	MW
Demand	Active Demand		543.580						
	Passive Demand		2,070.498						
Demand Total		2,614.078							
Non-Intern Generator		Non-Intermittent	27,026.635						
		Intermittent	1,450.872						
Generator Total		28,477.507							
Import Total			464.835						
Grand Total*			31,556.420						
Net ICR (NICR)			30,550						

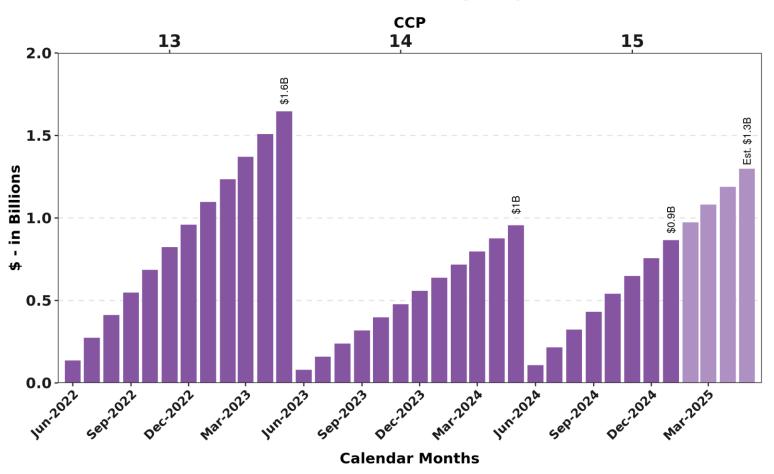
 $[\]ensuremath{^*}$ Grand Total and the net total of the Change Column

Active/Passive Demand Response CSO Totals by Commitment Period

Commitment Period	Active/Passive	Existing	New	Grand Total	
	Active	480.941	143.504	624.445	
2021-22	Passive	2,604.79	370.568	2,975.36	
	Grand Total	3,085.734	514.072	3,599.806	
	Active	598.376	87.178	685.554	
2022-23	Passive	2,788.33	566.363	3,354.69	
	Grand Total	3,386.703	653.541	4,040.244	
	Active	560.55	31.493	592.043	
2023-24	Passive	3,035.51	291.565	3,327.07	
	Grand Total	3,596.056	323.058	3,919.114	
	Active	674.153	3.520	677.673	
2024-25	Passive	3,046.064	166.801	3,212.865	
	Grand Total	3,720.217	170.321	3,890.538	
	Active	664.01	101.34	765.35	
2025-26	Passive	2,428.638	128.618	2557.256	
	Grand Total	3,092.648	229.958	3,322.606	
	Active	615.369	7.485	622.854	
2026-27	Passive	2,194.172	122.643	2,316.815	
	Grand Total	2,809.541	130.128	2,939.669	
	Active	543.58	0.0	543.58	
2027-28	Passive	1,965.515	104.983	2070.498	
	Grand Total	2,509.095	104.983	2,614.498	

Forward Capacity Market Auctions

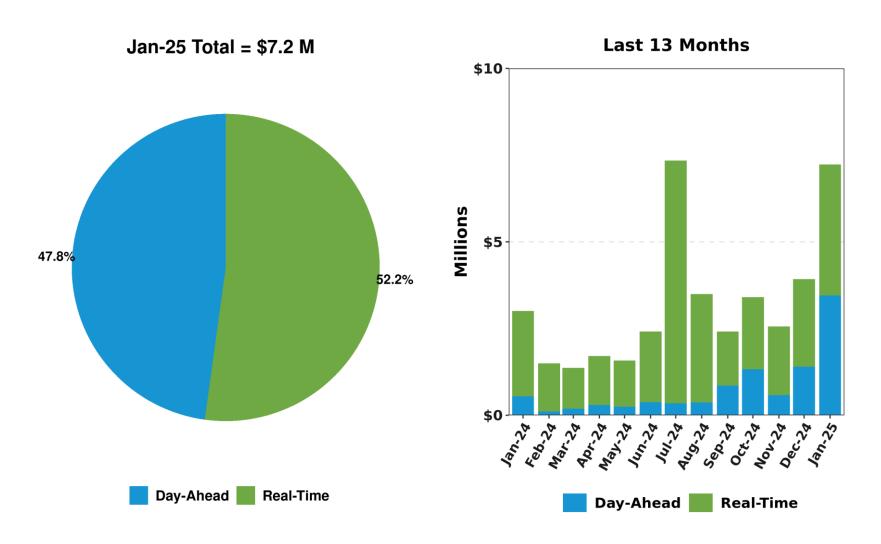
Cumulative FCM Charges by CCP



The items in the graph shaded in a lighter color represent the forecast for future months in the Capacity Commitment Period (CCP)

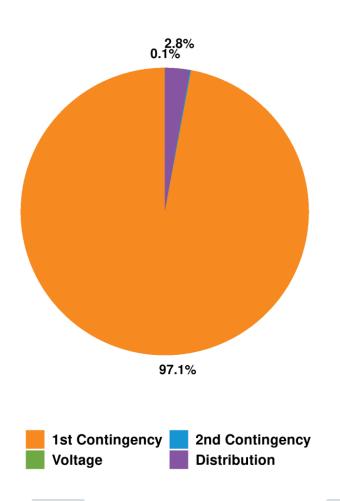
NET COMMITMENT PERIOD COMPENSATION

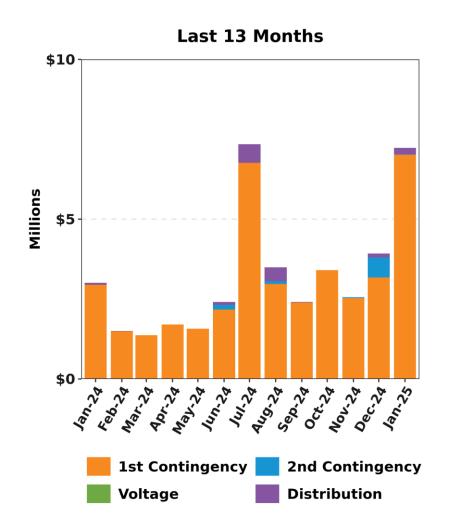
DA and RT NCPC Charges



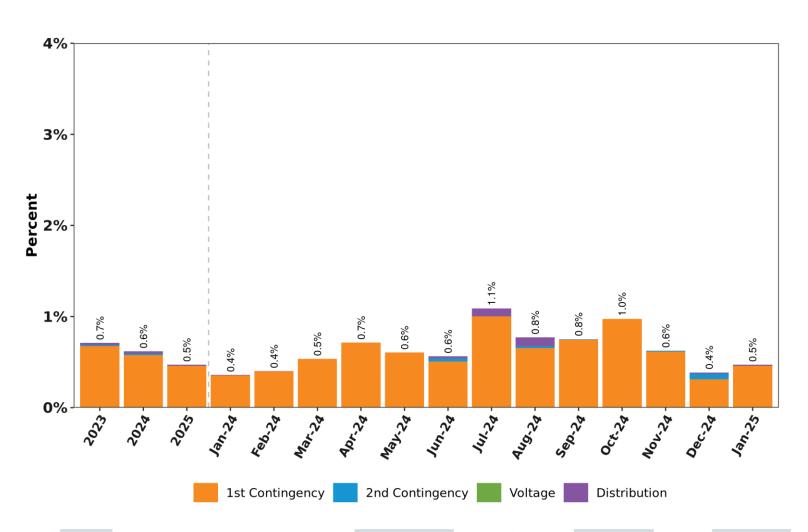
NCPC Charges by Type

Jan-25 Total = \$7.2 M

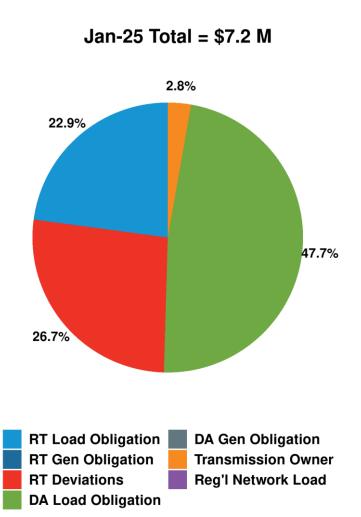


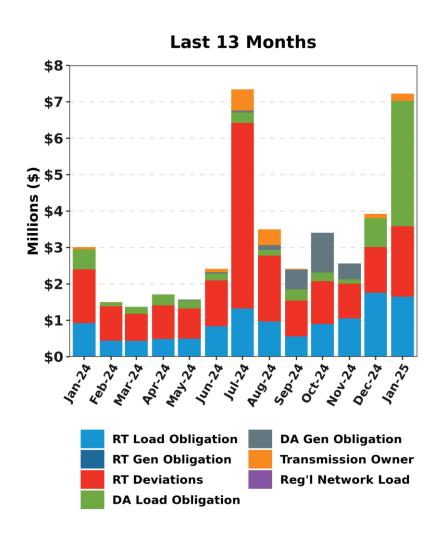


NCPC Charges by Type as Percent of Energy Market Value

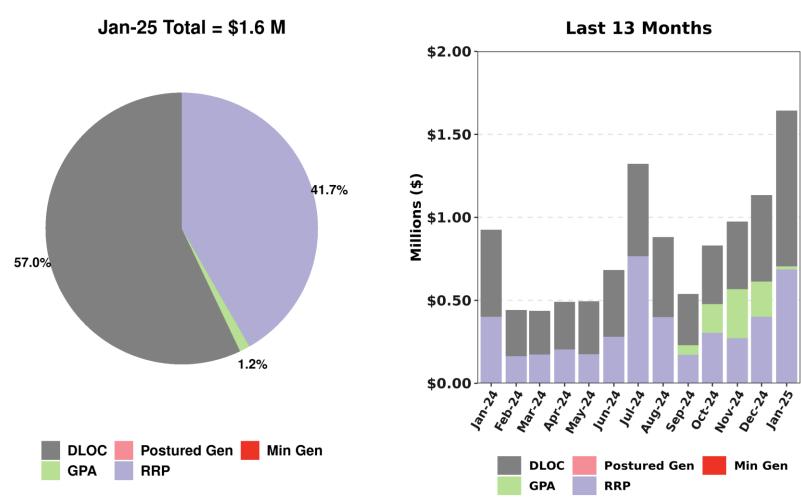


NCPC Charge Allocations



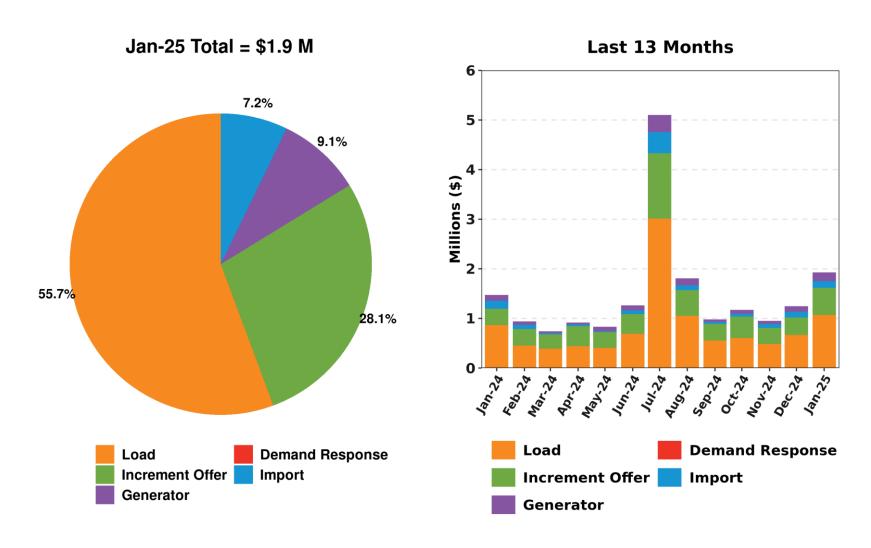


RT First Contingency NCPC Paid to Units and Allocated to RTLO and/or RTGO



The categories shown above are a subset of those reflected in First Contingency NCPC throughout this report. The above categories are allocated to RTLO, except for Min Gen Emergency credits, which are allocated to RTGO.

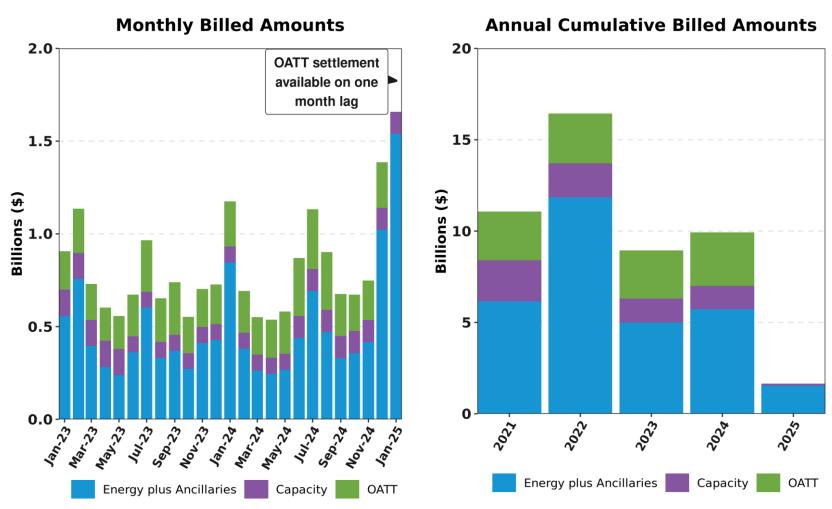
RT First Contingency Charges by Deviation Type



ISO BILLINGS

ISO-NE INTERNAL USE

Total ISO Billings



Ancillaries = Reserves, Regulation, NCPC, minus Marginal Loss Revenue Fund. OATT = RNS, Through and Out, Schedule 9

REGIONAL SYSTEM PLAN (RSP)

Planning Advisory Committee (PAC)

- February 26 PAC Meeting Agenda Topics*
 - Asset Condition Projects
 - Eastern Massachusetts Underground Cable Modernization Program (UCMP) (Eversource)
 - E-183W 115 kV Line Rebuild (Updated Scope Presentation) (RIE)
 - SEMA-RI Cost Update Presentation (NGRID)
 - A-179 Asset Condition Refurbishment Project (NGRID)
 - Chartley Pond Asset Replacement (NGRID)
 - Congress 115 kV Substation Flood Mitigation Update (Avangrid UI)
 - Longer-Term Transmission RFP: Analysis Details
 - Composite Load Model in Transmission Planning Studies

^{*} Agenda topics are subject to change. Visit https://www.iso-ne.com/committees/planning/planning-advisory for the latest PAC agendas.

2050 Transmission Study

- Final version of the study, technical appendix, responses to stakeholder feedback, and study fact sheet were published on 2/14/24
- Additional analysis to address stakeholder comments on offshore wind points of interconnection was presented to PAC on 3/20/24, and will continue through Q2 and Q3 2024
- Results of additional analysis on offshore wind relocation were presented at the 4/18/24 PAC meeting
- The ISO discussed the results of the offshore wind point of interconnection screening and constraint identification analysis at the 8/21/24 PAC meeting
- Draft report on offshore wind analysis to address stakeholder comments was issued on 1/15/25

2025 Longer-Term Transmission Planning RFP

- NESCOE provided a letter on 10/16/24 discussing potential transmission needs for a Longer-term Transmission Planning (LTTP) RFP, which was discussed at the 10/23/24 PAC meeting
- On 12/13/24, NESCOE provided its LTTP request describing the needs to be addressed by 2035:*
 - Increase the Maine-New Hampshire interface capacity to at least 3,000 MW
 - Increase the Surowiec-South interface capacity to at least 3,200 MW
 - Develop new infrastructure (e.g., substation) at Pittsfield, Maine that can accommodate the interconnection of at least 1,200 MW (nameplate) of onshore wind**
- NESCOE's LTTP request was discussed at the 12/18/24 PAC meeting
- Further discussion on details of the RFP, led by the ISO, occurred at the 1/23/25 PAC meeting, and additional discussion is expected at the 2/26/25 PAC meeting
- The ISO is planning to issue the LTTP RFP in March 2025, with proposals due in September 2025

ISO NE DUDUIC

^{*} Unless a bidder can demonstrate supply chain issues that warrant a later in-service date

^{**} Bidders may propose alternate locations which would be more efficient and cost-effective

Economic Studies: 2024 Study

- The 2024 Economic Study
 - This study is the first use of new Economic Study Process Tariff language
 - The study was initiated at the January 2024 PAC meeting
 - The Benchmark Scenario has been completed and the Policy and Stakeholder-Requested Scenarios are being analyzed between now and Q2 2025
 - The stakeholder-Requested Scenario was discussed at the June PAC meeting; it focuses on the use of peaker plants in various future power system resource mixes
 - The System Efficiency Needs Scenario will be studied in 2025
 - As part of the Economic Study Process Phase 2 Tariff changes, "Market Efficiency" is being renamed to "System Efficiency"

Note on Air Emissions Slides

- For more timely reporting and stakeholder convenience, the data and information included in this report on air emissions can now be found by visiting the ISO website, under System Planning > Plans and Studies > Environmental and Emissions Reports
 - https://www.iso-ne.com/system-planning/system-plansstudies/emissions
- Monthly and year-to-date emissions by fuel type are reported in the ISO Newswire article series, <u>Monthly</u> <u>Wholesale Electricity Prices and Demand in New England</u> (link can be found on the page above)

SO-NE PUBLIC

RSP Project Stage Descriptions

Stage	Description
1	Planning and Preparation of Project Configuration
2	Pre-construction (e.g., material ordering, project scheduling)
3	Construction in Progress
4	In Service

Note: The listings in this section focus on major transmission line construction and rebuilding.

Greater Boston Projects

Status as of 1/27/2025

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1213, 1220, 1365	Install new 345 kV line from Scobie to Tewksbury	Dec-17	4
1527, 1528	Reconductor the Y-151 115 kV line from Dracut Junction to Power Street	Apr-17	4
1212, 1549	Reconductor the M-139 115 kV line from Tewksbury to Pinehurst and associated work at Tewksbury	May-17	4
1549	Reconductor the N-140 115 kV line from Tewksbury to Pinehurst and associated work at Tewksbury	May-17	4
1260	Reconductor the F-158N 115 kV line from Wakefield Junction to Maplewood and associated work at Maplewood	Dec-15	4
1550	Reconductor the F-158S 115 kV line from Maplewood to Everett	Jun-19	4
1551,1552	Install new 345 kV cable from Woburn to Wakefield Junction, install two new 160 MVAR variable shunt reactors and associated work at Wakefield Junction and Woburn*	Mar-24	4
1329	Refurbish X-24 69 kV line from Millbury to Northboro Road	Dec-15	4
1327	Reconductor W-23W 69 kV line from Woodside to Northboro Road	Jun-19	4

Status as of 1/27/2025

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1330	Separate X-24 and E-157W DCT	Dec-18	4
1363	Separate Q-169 and F-158N DCT	Dec-15	4
1637, 1640	Reconductor M-139/211-503 and N-140/211-504 115 kV lines from Pinehurst to North Woburn tap	May-17	4
1516	Install new 115 kV station at Sharon to segment three 115 kV lines from West Walpole to Holbrook	Sep-20	4
965	Install third 115 kV line from West Walpole to Holbrook	Sep-20	4
1558	Install new 345 kV breaker in series with the 104 breaker at Stoughton	May-16	4
1199	Install new 230/115 kV autotransformer at Sudbury and loop the 282-602 230 kV line in and out of the new 230 kV switchyard at Sudbury	Dec-17	4
1335, 1672*	Install a new 115 kV line from Sudbury to Hudson	Dec-24, Sep-25*	4, 3

^{*} The new 115 KV line from Sudbury to Hudson is currently in-service with some station work remaining at Hudson.

Status as of 1/27/2025

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1336	Replace 345/115 kV autotransformer, 345 kV breakers, and 115 kV switchgear at Woburn	Dec-19	4
1553	Install a 345 kV breaker in series with breaker 104 at Woburn	Jun-17	4
1337	Reconfigure Waltham by relocating PARs, 282-507 line, and a breaker	Dec-17	4
1339	Upgrade 533-508 115 kV line from Lexington to Hartwell and associated work at the stations	Aug-16	4
1521	Install a new 115 kV 54 MVAR capacitor bank at Newton	Dec-16	4
1522	Install a new 115 kV 36.7 MVAR capacitor bank at Sudbury	May-17	4
1352	Install a second Mystic 345/115 kV autotransformer and reconfigure the bus	May-19	4
1353	Install a 115 kV breaker on the East bus at K Street	Jun-16	4
1354, 1738	Install 115 kV cable from Mystic to Chelsea and upgrade Chelsea 115 kV station to BPS standards	Jul-21	4
1355	Split 110-522 and 240-510 DCT from Baker Street to Needham for a portion of the way and install a 115 kV cable for the rest of the way	Mar-21	4

Status as of 1/27/2025

Plan Benefit: Addresses long-term system needs in the Greater Boston area and improves system reliability

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1356	Install a second 115 kV cable from Mystic to Woburn to create a bifurcated 211-514 line	Mar-24	4
1357	Open lines 329-510/511 and 250-516/517 at Mystic and Chatham, respectively. Operate K Street as a normally closed station.	May-19	4
1518	Upgrade Kingston to create a second normally closed 115 kV bus tie and reconfigure the 345 kV switchyard	Mar-19	4
1519	Relocate the Chelsea capacitor bank to the 128-518 termination postion	Dec-16	4

SO-NE PUBLIC

Status as of 1/27/2025

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1520	Upgrade North Cambridge to mitigate 115 kV 5 and 10 stuck breaker contingencies	Dec-17	4
1643	Install a 200 MVAR STATCOM at Coopers Mills	Nov-18	4
1341, 1645	Install a 115 kV 36.7 MVAR capacitor bank at Hartwell	May-17	4
1646	Install a 345 kV 160 MVAR shunt reactor at K Street	Dec-19	4
1647	Install a 115 kV breaker in series with the 5 breaker at Framingham	Mar-17	4
1554	Install a 115 kV breaker in series with the 29 breaker at K Street	Apr-17	4

SEMA/RI Reliability Projects

Status as of 1/27/2025

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1714	Construct a new 115 kV GIS switching station (Grand Army) which includes remote terminal station work at Brayton Point and Somerset substations, and the looping in of the E-183E, F-184, X3, and W4 lines	Oct-20	4
1742	Conduct remote terminal station work at the Wampanoag and Pawtucket substations for the new Grand Army GIS switching station	Oct-20	4
1715	Install upgrades at Brayton Point substation which include a new 115 kV breaker, new 345/115 kV transformer, and upgrades to E183E, F184 station equipment	Oct-20	4
1716	Increase clearances on E-183E & F-184 lines between Brayton Point and Grand Army substations	Nov-19	4
1717	Separate the X3/W4 DCT and reconductor the X3 and W4 lines between Somerset and Grand Army substations; reconfigure Y2 and Z1 lines	Nov-19	4

Status as of 1/27/2025

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1718	Add 115 kV circuit breaker at Robinson Ave substation and re-terminate the Q10 line	Mar-22	4
1719	Install 45.0 MVAR capacitor bank at Berry Street substation	Cancelled*	N/A
1720	Separate the N12/M13 DCT and reconductor the N12 and M13 between Somerset and Bell Rock substations	Mar-27	2
1721	Reconfigure Bell Rock to breaker-and-a-half station, split the M13 line at Bell Rock substation, and terminate 114 line at Bell Rock; install a new breaker in series with N12/D21 tie breaker, upgrade D21 line switch, and install a 37.5 MVAR capacitor	Aug-23	4
1722	Extend the Line 114 from the Dartmouth town line (Eversource-National Grid border) to Bell Rock substation	Dec-25	2
1723	Reconductor L14 and M13 lines from Bell Rock substation to Bates Tap	Cancelled*	N/A

^{*}Cancelled per ISO-NE PAC presentation on August 27, 2020

Status as of 1/27/2025

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1725	Build a new 115 kV line from Bourne to West Barnstable substations which includes associated terminal work	May-24	4
1726	Separate the 135/122 DCT from West Barnstable to Barnstable substations	Dec-21	4
1727	Retire the Barnstable SPS	Nov-21	4
1728	Build a new 115 kV line from Carver to Kingston substations and add a new Carver terminal	Aug-23	4
1729	Install a new bay position at Kingston substation to accommodate new 115 kV line	Aug-23	4
1730	Extend the 114 line from the Eversource/National Grid border to the Industrial Park Tap	Dec-25	2

Status as of 1/27/2025

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1731	Install 35.3 MVAR capacitors at High Hill and Wing Lane substations	Dec-21	4
1732	Loop the 201-502 line into the Medway substation to form the 201-502N and 201-502S lines	Dec-25	3
1733	Separate the 325/344 DCT lines from West Medway to West Walpole substations	Cancelled**	N/A
1734	Reconductor and upgrade the 112 Line from the Tremont substation to the Industrial Tap	Jun-18	4
1736	Reconductor the 108 line from Bourne substation to Horse Pond Tap*	Oct-18	4
1737	Replace disconnect switches on 323 line at West Medway substation and replace 8 line structures	Aug-20	4

^{*} Does not include the reconductoring work over the Cape Cod canal

^{**} Cancelled per ISO-NE PAC presentation on August 27, 2020

Status as of 1/27/2025

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1741	Rebuild the Middleborough Gas and Electric portion of the E1 line from Bridgewater to Middleborough	Apr-19	4
1782	Reconductor the J16S line	May 22	4
1724	Replace the Kent County 345/115 kV transformer	Mar-22	4
1789	West Medway 345 kV circuit breaker upgrades	Apr-21	4
1790	Medway 115 kV circuit breaker replacements	Nov-20	4

Eastern CT Reliability Projects

Status as of 1/27/2025

Project Benefit: Addresses system needs in the Eastern Connecticut area

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1815	Reconductor the L190-4 and L190-5 line sections	Jan-25	3
1850	Install a second 345/115 kV autotransformer (4X) and one 345 kV breaker at Card substation	Dec-22	4
1851	Upgrade Card 115 kV to BPS standards	Dec-22	4
1852	Install one 115 kV circuit breaker in series with Card substation 4T	Feb-23	4
1853	Convert Gales Ferry substation from 69 kV to 115 kV	Nov-23	4
1854	Rebuild the 100 Line from Montville to Gales Ferry to allow operation at 115 kV	Jun-23	4

Eastern CT Reliability Projects, cont.

Status as of 1/27/2025

Project Benefit: Addresses system needs in the Eastern Connecticut area

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1855	Re-terminate the 100 Line at Montville station and associated work. Energize the 100 Line at 115 kV	Jun-23	4
1856	Rebuild 400-1 Line section to allow operation at 115 kV (Tunnel to Ledyard Jct.)	Feb-23	4
1857	Add one 115 kV circuit breaker and re-terminate the 400-1 line section into Tunnel substation. Energize 400 Line at 115 kV	Feb-23	4
1858	Rebuild 400-2 Line section to allow operation at 115 kV (Ledyard Jct. to Border Bus with CMEEC)	Sept-22	4
1859	Rebuild the 400-3 Line Section to allow operation at 115 kV (Gales Ferry to Ledyard Jct.)	Feb-23	4
1860	Install a 25.2 MVAR 115 kV capacitor and one capacitor breaker at Killingly	Dec-21	4

Eastern CT Reliability Projects, cont.

Status as of 1/27/2025

Project Benefit: Addresses system needs in the Eastern Connecticut area

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1861	Install one 345 kV series breaker with the Montville 1T	Nov-21	4
1862	Install a +55/-29 MVAR synchronous condenser with two 115 kV breakers at Shunock	Dec-23	4
1863	Install a 1% series reactor with bypass switch at Mystic, CT on the 1465 Line	Mar-22	4
1864	Convert the 400-2 Line Section to 115 kV (Border Bus to Buddington)	Feb-23	4
1904	Convert 69 kV equipment at Buddington to 115 kV to facilitate the conversion of the 400-2 line to 115 kV	Dec-23	4

New Hampshire Solution Projects

Status as of 1/27/2025

Project Benefit: Addresses system needs in the New Hampshire area

RSP Project List ID	Upgrade	Upgrade Expected/ Actual In-Service						
1 12/2	Install a +55/-32.2 MVAR synchronous condenser at N. Keene 115 kV Substation with a 115 kV breaker	Jun-25	3					
1 1 X / U	Install a +55/-32.2 MVAR synchronous condenser at Huckins Hill 115 kV Substation with a 115 kV breaker	Oct-24	4					
1 1880	Install a +127/-50 MVAR synchronous condenser at Amherst 345 kV Substation with two 345 kV breakers	Dec 24	4					
1 1881	Install two 50 MVAR capacitors on Line 363 near Seabrook Station with three 345 kV breakers	Oct-23	4					

Upper Maine Solution Projects

Status as of 1/27/2025

Project Benefit: Addresses system needs in the Upper Maine area

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1882	Rebuild 21.7 miles of the existing 115 kV line Section 80 Highland-Coopers Mills 115 kV line	Aug-24	4
1883	Convert the Highland 115 kV substation to an eight breaker, breaker-and-a-half configuration with a bus connected 115/34.5 kV transformer	Jul-28	1
1884	Install a 15 MVAR capacitor at Belfast 115 kV substation	Jul-28	1
1885	Install a +50/-25 MVAR synchronous condenser at Highland 115 kV substation	Jul-28	1
1886	Install +50/-25 MVAR synchronous condenser at Boggy Brook 115 kV substation, and install a new 115 kV breaker to separate Line 67 from the proposed solution elements	Feb-25	3

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Upper Maine Solution Projects, cont.

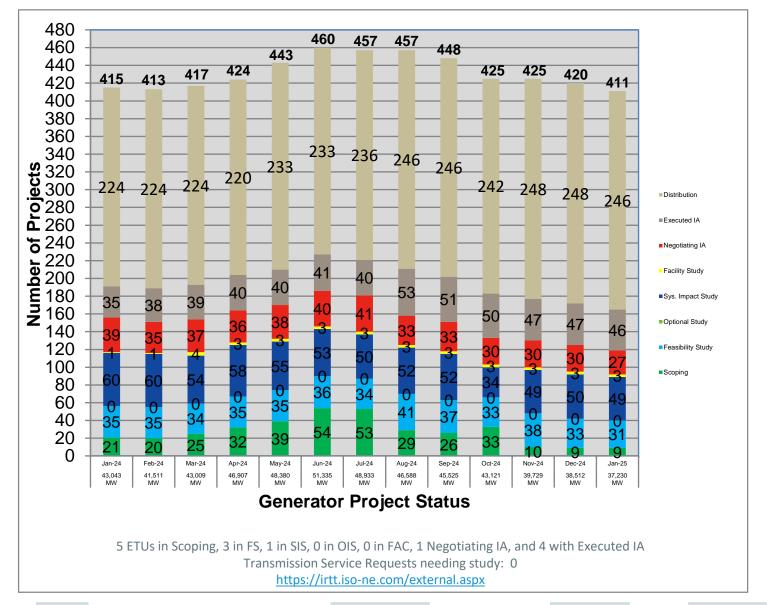
Status as of 1/27/2025

Project Benefit: Addresses system needs in the Upper Maine area

RSP Project List ID	Upgrade	Expected/ Actual In-Service	Present Stage
1887	Install 25 MVAR reactor at Boggy Brook 115 kV substation	Nov-24	4
1888	Install 10 MVAR reactor at Keene Road 115 kV substation	Jul-24	4
1889	Install three remotely monitored and controlled switches to split the existing Orrington reactors between the two Orrington 345/115 kV autotransformers	Cancelled *	N/A
1 1914	Install a new 80 MVAR reactor, reconfigure the existing two reactors at the 345 kV Orrington substation	Jun-26	2

^{*} Cancelled per the Upper Maine Solutions Study Addendum that was published on January 11, 2024

Status of Tariff Studies as of January 28, 2025



OPERABLE CAPACITY ANALYSIS

Winter 2025 Analysis

Winter 2025 Operable Capacity Analysis

50/50 Load Forecast (Reference)	Feb 2025² CSO (MW)	Feb 2025² SCC (MW)
Operable Capacity MW ¹	28,041	29,968
Active Demand Capacity Resource (+) ⁵	304	313
External Node Available Net Capacity, CSO imports minus firm capacity exports (+)	1,254	1,254
Non Commercial Capacity (+)	25	25
Non Gas-fired Planned Outage MW (-)	385	903
Gas Generator Outages MW (-)	31	124
Allowance for Unplanned Outages (-) ⁴	3,100	3,100
Generation at Risk Due to Gas Supply (-) ³	1,757	1,785
Net Capacity (NET OPCAP SUPPLY MW)	24,351	25,648
Peak Load Forecast MW(adjusted for Other Demand Resources) ²	19,536	19,536
Operating Reserve Requirement MW	2,125	2,125
Operable Capacity Required (NET LOAD OBLIGATION MW)	21,661	21,661
Operable Capacity Margin	2,690	3,987

¹Operable Capacity is based on data as of **January 29, 2025** and does not include Capacity associated with Settlement Only Generators, Passive and Active Demand Response, and external capacity. The Capacity Supply Obligation (CSO) and Seasonal Claim Capability (SCC) values are based on data as of **January 29, 2025**.

² Load forecast that is based on the 2024 CELT report and represents the week with the lowest Operable Capacity Margin, week beginning **February 15, 2025.**

³ Total of (Gas at Risk MW) – (Gas Gen Outages MW).

⁴ Allowance For Unplanned Outage MW is based on the month corresponding to the day with the lowest Operable Capacity Margin for the week.

⁵ Active Demand Capacity Resources (ADCRs) can participate in the Forward Capacity Market (FCM), have the ability to obtain a CSO and also participate in the Day-Ahead and Real-Time Energy Markets.

Winter 2025 Operable Capacity Analysis

90/10 Load Forecast	Feb 2025 ² CSO (MW)	Feb 2025 ² SCC (MW)
Operable Capacity MW ¹	28,041	29,968
Active Demand Capacity Resource (+) ⁵	304	313
External Node Available Net Capacity, CSO imports minus firm capacity exports (+)	1,254	1,254
Non Commercial Capacity (+)	25	25
Non Gas-fired Planned Outage MW (-)	385	903
Gas Generator Outages MW (-)	31	124
Allowance for Unplanned Outages (-) ⁴	3,100	3,100
Generation at Risk Due to Gas Supply (-) ³	2,655	2,815
Net Capacity (NET OPCAP SUPPLY MW)	23,453	24,618
Peak Load Forecast MW(adjusted for Other Demand Resources) ²	20,290	20,290
Operating Reserve Requirement MW	2,125	2,125
Operable Capacity Required (NET LOAD OBLIGATION MW)	22,415	22,415
Operable Capacity Margin	1,038	2,203

¹Operable Capacity is based on data as of **January 29, 2025** and does not include Capacity associated with Settlement Only Generators, Passive and Active Demand Response, and external capacity. The Capacity Supply Obligation (CSO) and Seasonal Claim Capability (SCC) values are based on data as of **January 29, 2025**.

² Load forecast that is based on the 2024 CELT report and represents the week with the lowest Operable Capacity Margin, week beginning **February 15, 2025.**

³ Total of (Gas at Risk MW) – (Gas Gen Outages MW).

⁴ Allowance For Unplanned Outage MW is based on the month corresponding to the day with the lowest Operable Capacity Margin for the week.

⁵ Active Demand Capacity Resources (ADCRs) can participate in the Forward Capacity Market (FCM), have the ability to obtain a CSO and also participate in the Day-Ahead and Real-Time Energy Markets.

Winter 2025 Operable Capacity Analysis 50/50 Forecast (Reference)

ISO-NE OPERABLE CAPACITY ANALYSIS

January 29, 2025 - 50-50 FORECAST using CSO MW

This analysis is a tabulation of weekly assessments shown in one single table. The information shows the operable capacity situation under assumed conditions for each week. It is not expected that the system peak will occur every week from February through March.

Report created: 1/29/2025

					CSO Non Gas-	CSO Gas-Only		CSO Generation			Operating				
Study Week	CSO Supply	CSO Demand			Only Generator	Generator	Unplanned	at Risk Due to	CSO Net	Peak Load	Reserve	CSO Net	CSO Operable		
(Week Beginning	Resource	Resource	External Node	Non-Commercial	Planned Outages	Planned Outages	Outages	Gas Supply 50-	Available	Forecast 50-	Requirement	Required	Capacity Margin	Season Min Opcap	
, Saturday)	Capacity MW	Capacity MW	Capacity MW	Capacity MW	MW	MW	Allowance MW	50PLE MW	Capacity MW	50PLE MW	MW	Capacity MW	MW	Margin Flag	Season_Label
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2/15/2025	28041	304	1254	25	385	31	3100	1757	24351	19536	2125	21661	2690	Υ	Winter 2024/2025
2/22/2025	28041	304	1254	25	412	30	3100	1459	24623	18560	2125	20685	3938	N	Winter 2024/2025
3/1/2025	27534	320	1761	12	263	512	2200	0	26652	18215	2125	20340	6312	N	Winter 2024/2025
3/8/2025	27534	320	1761	12	281	511	2200	0	26635	18022	2125	20147	6488	N	Winter 2024/2025
3/15/2025	27534	320	1761	12	295	756	2200	0	26376	17661	2125	19786	6590	N	Winter 2024/2025
3/22/2025	27534	320	1761	12	888	874	2200	0	25665	17103	2125	19228	6437	N	Winter 2024/2025
3/29/2025	27711	426	1161	293	1784	2001	2700	0	23106	16516	2125	18641	4465	N	Winter 2024/2025

Column Definitions

- 1. CSO Supply Resource Capacity MW: Summation of all resource Capacity supply Obligations (CSO). Does not include Settlement Only Generators (SOG).
- 2. CSO Demand Resource Capacity MW: Demand resources known as Real-Time Demand Response (RTDR) will become Active Demand Capacity Resources (ADCRs) and can participate in the Forward Capacity market (FCM).
- These resources will have the ability to obtain a CSO and also participate in the Day-Ahead and Real-Time Energy Markets.
- 3. External Node Capacity MW: Sum of external Capacity Supply Obligations (CSO) imports and exports.
- 4. Non-Commercial capacity MW: New resources and generator improvements that have acquired a CSO but have not become commercial.
- 5. CSO Non Gas-Only Generator Planned Outages MW: All Non-Gas Planned Outages is the total of Non Gas-fired Generator/DARD Outages for the period. This value would also include any known long-term Non Gas-fired Forced Outages. Outages.
- 6. CSO Gas-Only Generator Planned Outages MW: All Planned Gas-fired generation outage for the period. This value would also include any known long-term Gas-fired Forced Outages.
- 7. Unplanned Outage Allowance MW: Forced Outages and Maintenance Outages scheduled less than 14 days in advance per ISO New England Operating Procedure No. 5 Appendix A.
- 8. CSO Generation at Risk Due to Gas Supply Mw: Gas fired capacity expected to be at risk during cold weather conditions or gas pipeline maintenance outages.
- 9. CSO Net Available Capacity MW: the summation of columns (1+2+3+4-5-6-7-8=9)
- 10. Peak Load Forecast MW: Provided in the annual 2024 CELT Report and adjusted for Passive Demand Resources assumes Peak Load Exposure (PLE) and does include credit of Passive Demand Response (PDR) and behind-the-meter PV (BTM PV).
- 11. Operating Reserve Requirement MW: 120% of first largest contingency plus 50% of the second largest contingency.
- 12. CSO Net Required Capacity MW: (Net Load Obligation) (10+11=12)
- 13. CSO Operable Capacity Margin MW: CSO Net Available Capacity MW minus CSO Net Required Capacity MW (9-12=13)
- 14. Operable Capacity Season Label: Applicable season and year.
- 15. Season Minimum Operable Capacity Flag: this column indicates whether or not a week has the lowest capacity margin for its applicable season

Winter 2025 Operable Capacity Analysis 90/10 Forecast

ISO-NE OPERABLE CAPACITY ANALYSIS

January 29, 2025 - 90/10 FORECAST using CSO MW

This analysis is a tabulation of weekly assessments shown in one single table. The information shows the operable capacity situation under assumed conditions for each week. It is not expected that the system peak will occur every week from February through March.

Report created: 1/29/2025

					CSO Non Gas-	CSO Gas-Only		CSO Generation			Operating				
Study Week	CSO Supply	CSO Demand			Only Generator	Generator	Unplanned	at Risk Due to	CSO Net	Peak Load	Reserve	CSO Net	CSO Operable		
(Week Beginning	Resource	Resource	External Node	Non-Commercial	Planned Outages	Planned Outages	Outages	Gas Supply 90-	Available	Forecast 90-	Requirement	Required	Capacity Margin	Season Min Opcap	
, Saturday)	Capacity MW	Capacity MW	Capacity MW	Capacity MW	MW	MW	Allowance MW	10PLE MW	Capacity MW	10PLE MW	MW	Capacity MW	MW	Margin Flag	Season_Label
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2/15/2025	28041	304	1254	25	385	31	3100	2655	23453	20290	2125	22415	1038	Υ	Winter 2024/2025
2/22/2025	28041	304	1254	25	412	30	3100	2207	23875	19279	2125	21404	2471	N	Winter 2024/2025
3/1/2025	27534	320	1761	12	263	179	2200	1132	25853	18922	2125	21047	4806	N	Winter 2024/2025
3/8/2025	27534	320	1761	12	281	511	2200	695	25940	18722	2125	20847	5093	N	Winter 2024/2025
3/15/2025	27534	320	1761	12	295	756	2200	0	26376	18348	2125	20473	5903	N	Winter 2024/2025
3/22/2025	27534	320	1761	12	888	874	2200	0	25665	17770	2125	19895	5770	N	Winter 2024/2025
3/29/2025	27711	426	1161	293	1784	2001	2700	0	23106	17166	2125	19291	3815	N	Winter 2024/2025

Column Definitions

- 1. CSO Supply Resource Capacity MW: Summation of all resource Capacity supply Obligations (CSO). Does not include Settlement Only Generators (SOG).
- 2. CSO Demand Resource Capacity MW: Demand resources known as Real-Time Demand Response (RTDR) will become Active Demand Capacity Resources (ADCRs) and can participate in the Forward Capacity market (FCM). These resources will have the ability to obtain a CSO and also participate in the Day-Ahead and Real-Time Energy Markets.
- 3. External Node Capacity MW: Sum of external Capacity Supply Obligations (CSO) imports and exports.
- 4. Non-Commercial capacity MW: New resources and generator improvements that have acquired a CSO but have not become commercial.
- 5. CSO Non Gas-Only Generator Planned Outages MW: All Non-Gas Planned Outages is the total of Non Gas-fired Generator/DARD Outages for the period. This value would also include any known long-term Non Gas-fired Forced Outages. Outages.
- 6. CSO Gas-Only Generator Planned Outages MW: All Planned Gas-fired generation outage for the period. This value would also include any known long-term Gas-fired Forced Outages.
- 7. Unplanned Outage Allowance MW: Forced Outages and Maintenance Outages scheduled less than 14 days in advance per ISO New England Operating Procedure No. 5 Appendix A.
- 8. CSO Generation at Risk Due to Gas Supply Mw: Gas fired capacity expected to be at risk during cold weather conditions or gas pipeline maintenance outages.
- 9. CSO Net Available Capacity MW: the summation of columns (1+2+3+4-5-6-7-8=9)
- 10. Peak Load Forecast MW: Provided in the annual 2024 CELT Report and adjusted for Passive Demand Resources assumes Peak Load Exposure (PLE) and does include credit of Passive Demand Response (PDR) and behind-the-meter PV (BTM PV).
- 11. Operating Reserve Requirement MW: 120% of first largest contingency plus 50% of the second largest contingency.
- 12. CSO Net Required Capacity MW: (Net Load Obligation) (10+11=12)
- 13. CSO Operable Capacity Margin MW: CSO Net Available Capacity MW minus CSO Net Required Capacity MW (9-12=13)
- 14. Operable Capacity Season Label: Applicable season and year.
- 15. Season Minimum Operable Capacity Flag: this column indicates whether or not a week has the lowest capacity margin for its applicable season.

^{*}Highlighted week is based on the week determined by the 50/50 Load Forecast Reference week

OPERABLE CAPACITY ANALYSIS

Preliminary Spring 2025 Analysis

Preliminary Spring 2025 Operable Capacity Analysis

50/50 Load Forecast (Reference)	May - 2025² CSO (MW)	May - 2025 ² SCC (MW)
Operable Capacity MW ¹	27,711	29,968
Active Demand Capacity Resource (+) ⁵	426	313
External Node Available Net Capacity, CSO imports minus firm capacity exports (+)	1,161	1,161
Non Commercial Capacity (+)	293	293
Non Gas-fired Planned Outage MW (-)	3,082	3,363
Gas Generator Outages MW (-)	2,666	2,972
Allowance for Unplanned Outages (-) ⁴	3,400	3,400
Generation at Risk Due to Gas Supply (-) ³	0	0
Net Capacity (NET OPCAP SUPPLY MW)	20,443	22,000
Peak Load Forecast MW(adjusted for Other Demand Resources) ²	18,900	18,900
Operating Reserve Requirement MW	2,125	2,125
Operable Capacity Required (NET LOAD OBLIGATION MW)	21,025	21,025
Operable Capacity Margin	-582	975

¹Operable Capacity is based on data as of **January 29, 2025** and does not include Capacity associated with Settlement Only Generators, Passive and Active Demand Response, and external capacity. The Capacity Supply Obligation (CSO) and Seasonal Claim Capability (SCC) values are based on data as of **January 29, 2025**.

² Load forecast that is based on the 2024 CELT report and represents the week with the lowest Operable Capacity Margin, week beginning **May 10, 2025.**

³ Total of (Gas at Risk MW) – (Gas Gen Outages MW).

⁴ Allowance For Unplanned Outage MW is based on the month corresponding to the day with the lowest Operable Capacity Margin for the week.

⁵ Active Demand Capacity Resources (ADCRs) can participate in the Forward Capacity Market (FCM), have the ability to obtain a CSO and also participate in the Day-Ahead and Real-Time Energy Markets.

Preliminary Spring 2025 Operable Capacity Analysis

90/10 Load Forecast	May - 2025 ² CSO (MW)	May - 2025² SCC (MW)
Operable Capacity MW ¹	27,711	29,968
Active Demand Capacity Resource (+) ⁵	426	313
External Node Available Net Capacity, CSO imports minus firm capacity exports (+)	1,161	1,161
Non Commercial Capacity (+)	293	293
Non Gas-fired Planned Outage MW (-)	3,082	3,363
Gas Generator Outages MW (-)	2,666	2,972
Allowance for Unplanned Outages (-) ⁴	3,400	3,400
Generation at Risk Due to Gas Supply (-) ³	0	0
Net Capacity (NET OPCAP SUPPLY MW)	20,443	22,000
Peak Load Forecast MW(adjusted for Other Demand Resources) ²	20,354	20,354
Operating Reserve Requirement MW	2,125	2,125
Operable Capacity Required (NET LOAD OBLIGATION MW)	22,479	22,479
Operable Capacity Margin	-2,036	-479

¹Operable Capacity is based on data as of **January 29, 2025** and does not include Capacity associated with Settlement Only Generators, Passive and Active Demand Response, and external capacity. The Capacity Supply Obligation (CSO) and Seasonal Claim Capability (SCC) values are based on data as of **January 29, 2025**.

² Load forecast that is based on the 2024 CELT report and represents the week with the lowest Operable Capacity Margin, week beginning **May 10, 2025.**

³ Total of (Gas at Risk MW) – (Gas Gen Outages MW).

⁴ Allowance For Unplanned Outage MW is based on the month corresponding to the day with the lowest Operable Capacity Margin for the week.

⁵ Active Demand Capacity Resources (ADCRs) can participate in the Forward Capacity Market (FCM), have the ability to obtain a CSO and also participate in the Day-Ahead and Real-Time Energy Markets.

Preliminary Spring 2025 Operable Capacity Analysis 50/50 Forecast (Reference)

ISO-NE OPERABLE CAPACITY ANALYSIS

January 29, 2025 - 50-50 FORECAST using CSO MW

This analysis is a tabulation of weekly assessments shown in one single table. The information shows the operable capacity situation under assumed conditions for each week. It is not expected that the system peak will occur every week from April through May.

Report created: 1/29/2025

report created.	1/20/2020														
					CSO Non Gas-	CSO Gas-Only		CSO Generation			Operating				
Study Week	CSO Supply	CSO Demand			Only Generator	Generator	Unplanned	at Risk Due to	CSO Net	Peak Load	Reserve	CSO Net	CSO Operable		l
(Week Beginning	Resource	Resource	External Node	Non-Commercial	Planned Outages	Planned Outages	Outages	Gas Supply 50-	Available	Forecast 50-	Requirement	Required	Capacity Margin	Season Min Opcap	I
, Saturday)	Capacity MW	Capacity MW	Capacity MW	Capacity MW	MW	MW	Allowance MW	50PLE MW	Capacity MW	50PLE MW	MW	Capacity MW	MW	Margin Flag	Season_Label
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4/5/2025	27711	426	1161	293	2926	3347	2700	0	20618	16267	2125	18392	2226	N	Spring 2025
4/12/2025	27711	426	1161	293	3223	3482	2700	0	20186	15764	2125	17889	2297	N	Spring 2025
4/19/2025	27711	426	1161	293	3567	3329	2700	0	19995	15502	2125	17627	2368	N	Spring 2025
4/26/2025	27711	426	1161	293	2719	2887	3400	0	20585	15476	2125	17601	2984	N	Spring 2025
5/3/2025	27711	426	1161	293	3574	3005	3400	0	19612	17931	2125	20056	-444	N	Spring 2025
5/10/2025	27711	426	1161	293	3082	2666	3400	0	20443	18900	2125	21025	-582	Υ	Spring 2025
5/17/2025	27711	426	1161	293	1003	2885	3400	0	22303	19799	2125	21924	379	N	Spring 2025
5/24/2025	27711	426	1161	293	619	1854	3400	0	23718	20787	2125	22912	806	N	Spring 2025

Column Definitions

- 1. CSO Supply Resource Capacity MW: Summation of all resource Capacity supply Obligations (CSO). Does not include Settlement Only Generators (SOG)
- 2. CSO Demand Resource Capacity MW: Demand resources known as Real-Time Demand Response (RTDR) will become Active Demand Capacity Resources (ADCRs) and can participate in the Forward Capacity market (FCM).
- These resources will have the ability to obtain a CSO and also participate in the Day-Ahead and Real-Time Energy Markets.
- 3. External Node Capacity MW: Sum of external Capacity Supply Obligations (CSO) imports and exports.
- 4. Non-Commercial capacity MW: New resources and generator improvements that have acquired a CSO but have not become commercial.
- 5. CSO Non Gas-Only Generator Planned Outages MW: All Non-Gas Planned Outages is the total of Non Gas-fired Generator/DARD Outages for the period. This value would also include any known long-term Non Gas-fired Forced Outages.Outages.
- 6. CSO Gas-Only Generator Planned Outages MW: All Planned Gas-fired generation outage for the period. This value would also include any known long-term Gas-fired Forced Outages.
- 7. Unplanned Outage Allowance MW: Forced Outages and Maintenance Outages scheduled less than 14 days in advance per ISO New England Operating Procedure No. 5 Appendix A.
- 8. CSO Generation at Risk Due to Gas Supply Mw: Gas fired capacity expected to be at risk during cold weather conditions or gas pipeline maintenance outages.
- 9. CSO Net Available Capacity MW: the summation of columns (1+2+3+4-5-6-7-8=9)
- 10. Peak Load Forecast MW: Provided in the annual 2024 CELT Report and adjusted for Passive Demand Resources assumes Peak Load Exposure (PLE) and does include credit of Passive Demand Response (PDR) and behind-the-meter PV (BTM PV).
- 11. Operating Reserve Requirement MW: 120% of first largest contingency plus 50% of the second largest contingency.
- 12. CSO Net Required Capacity MW: (Net Load Obligation) (10+11=12)
- 13. CSO Operable Capacity Margin MW: CSO Net Available Capacity MW minus CSO Net Required Capacity MW (9-12=13)
- 14. Operable Capacity Season Label: Applicable season and year.
- 15. Season Minimum Operable Capacity Flag: this column indicates whether or not a week has the lowest capacity margin for its applicable season.

Preliminary Spring 2025 Operable Capacity Analysis 90/10 Forecast

ISO-NE OPERABLE CAPACITY ANALYSIS

January 29, 2025 - 90/10 FORECAST using CSO MW

This analysis is a tabulation of weekly assessments shown in one single table. The information shows the operable capacity situation under assumed conditions for each week. It is not expected that the system peak will occur every week from April through May.

Report created: 1/29/2025

Report created.					CSO Non Gas-	CSO Gas-Only		CSO Generation			Operating				
Study Week	CSO Supply	CSO Demand			Only Generator	Generator	Unplanned	at Risk Due to	CSO Net	Peak Load	Reserve	CSO Net	CSO Operable		I
(Week Beginning	Resource	Resource	External Node	Non-Commercial	Planned Outages	Planned Outages	Outages	Gas Supply 90-	Available	Forecast 90-	Requirement	Required	Capacity Margin	Season Min Opcap	I
, Saturday)	Capacity MW	Capacity MW	Capacity MW	Capacity MW	MW	MW	Allowance MW	10PLE MW	Capacity MW	10PLE MW	MW	Capacity MW	MW	Margin Flag	Season_Label
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
4/5/2025	27711	426	1161	293	2926	3347	2700	0	20618	16908	2125	19033	1585	N	Spring 2025
4/12/2025	27711	426	1161	293	3223	3482	2700	0	20186	16387	2125	18512	1674	N	Spring 2025
4/19/2025	27711	426	1161	293	3567	3329	2700	0	19995	16116	2125	18241	1754	N	Spring 2025
4/26/2025	27711	426	1161	293	2719	2887	3400	0	20585	16089	2125	18214	2371	N	Spring 2025
5/3/2025	27711	426	1161	293	3574	3005	3400	0	19612	19321	2125	21446	-1834	N	Spring 2025
5/10/2025	27711	426	1161	293	3082	2666	3400	0	20443	20354	2125	22479	-2036	Υ	Spring 2025
5/17/2025	27711	426	1161	293	1003	2885	3400	0	22303	21314	2125	23439	-1136	N	Spring 2025
5/24/2025	27711	426	1161	293	619	1854	3400	0	23718	22368	2125	24493	-775	N	Spring 2025

Column Definitions

- 1. CSO Supply Resource Capacity MW: Summation of all resource Capacity supply Obligations (CSO), Does not include Settlement Only Generators (SOG),
- 2. CSO Demand Resource Capacity MW: Demand resources known as Real-Time Demand Response (RTDR) will become Active Demand Capacity Resources (ADCRs) and can participate in the Forward Capacity market (FCM). These resources will have the ability to obtain a CSO and also participate in the Day-Ahead and Real-Time Energy Markets.
- 3. External Node Capacity MW: Sum of external Capacity Supply Obligations (CSO) imports and exports.
- 4. Non-Commercial capacity MW: New resources and generator improvements that have acquired a CSO but have not become commercial.
- 5. CSO Non Gas-Only Generator Planned Outages MW: All Non-Gas Planned Outages is the total of Non Gas-fired Generator/DARD Outages for the period. This value would also include any known long-term Non Gas-fired Forced Outages. Outages.
- 6. CSO Gas-Only Generator Planned Outages MW: All Planned Gas-fired generation outage for the period. This value would also include any known long-term Gas-fired Forced Outages.
- 7. Unplanned Outage Allowance MW: Forced Outages and Maintenance Outages scheduled less than 14 days in advance per ISO New England Operating Procedure No. 5 Appendix A.
- 8. CSO Generation at Risk Due to Gas Supply Mw: Gas fired capacity expected to be at risk during cold weather conditions or gas pipeline maintenance outages.
- 9. CSO Net Available Capacity MW: the summation of columns (1+2+3+4-5-6-7-8=9)
- 10. Peak Load Forecast MW: Provided in the annual 2024 CELT Report and adjusted for Passive Demand Resources assumes Peak Load Exposure (PLE) and does include credit of Passive Demand Response (PDR) and behind-the-meter PV (BTM PV).
- 11. Operating Reserve Requirement MW: 120% of first largest contingency plus 50% of the second largest contingency.
- 12. CSO Net Required Capacity MW: (Net Load Obligation) (10+11=12)
- 13. CSO Operable Capacity Margin MW: CSO Net Available Capacity MW minus CSO Net Required Capacity MW (9-12=13)
- 14. Operable Capacity Season Label: Applicable season and year.

^{*}Highlighted week is based on the week determined by the 50/50 Load Forecast Reference week

Possible Relief Under OP4: Appendix A

OP 4 Action Number	Page 1 of 2 Action Description	Amount Assumed Obtainable Under OP 4 (MW)
1	Implement Power Caution and advise Resources with a CSO to prepare to provide capacity and notify "Settlement Only" generators with a CSO to monitor reserve pricing to meet those obligations.	0 1
	Begin to allow the depletion of 30-minute reserve.	600
2	Declare Energy Emergency Alert (EEA) Level 1 ⁴	0
3	Voluntary Load Curtailment of Market Participants' facilities.	40 ²
4	Implement Power Watch	0
5	Schedule Emergency Energy Transactions and arrange to purchase Control Area-to-Control Area Emergency	1,000
6	Voltage Reduction requiring > 10 minutes	125 ³

NOTES:

- 1. Based on Summer Ratings. Assumes 25% of total MW Settlement Only resources < 5 MW will be available and respond.
- 2. The actual load relief obtained is highly dependent on circumstances surrounding the appeals, including timing and the amount of advanced notice that can be given.
- 3. The MW values are based on a 25,000 MW system load and verified by the most recent voltage reduction test.
- 4. EEA Levels are described in Attachment 1 to NERC Reliability Standard EOP-011 Emergency Operations

Possible Relief Under OP4: Appendix A

OP 4 Action Number	Page 2 of 2 Action Description	Amount Assumed Obtainable Under OP 4 (MW)		
7	Request generating resources not subject to a Capacity Supply Obligation to voluntary provide energy for reliability purposes	0		
8	5% Voltage Reduction requiring 10 minutes or less	250 ³		
9	Transmission Customer Generation Not Contractually Available to Market Participants during a Capacity Deficiency.	5		
	Voluntary Load Curtailment by Large Industrial and Commercial Customers.	200 ²		
10	Radio and TV Appeals for Voluntary Load Curtailment Implement Power Warning	200 ²		
11	Request State Governors to Reinforce Power Warning Appeals.	100 ²		
Total		2,520		

NOTES:

- 1. Based on Summer Ratings. Assumes 25% of total MW Settlement Only resources <5 MW will be available and respond.
- 2. The actual load relief obtained is highly dependent on circumstances surrounding the appeals, including timing and the amount of advanced notice that can be given.
- 3. The MW values are based on a 25,000 MW system load and verified by the most recent voltage reduction test.
- 4. EEA Levels are described in Attachment 1 to NERC Reliability Standard EOP-011 Emergency Operations