



Joanne Bialas
Outage Coordination

To: NEPOOL Participants

From: Joanne Bialas

Subject: 2008 Annual Maintenance Schedule – February Edition

Date: February 5, 2008

Following this transmittal letter, you will find the 2008 Annual Maintenance Schedule (AMS) – February Edition dated February 5, 2008, with rounded weekly planned outage totals only, and an Operable Capacity Analysis (with forecasted external transactions) for 2008. Periodically, individual Participants will receive a copy of the AMS that depicts only the maintenance requests that they submitted to ISO New England. Participants that own entitlements in units must contact the Lead Participant to obtain the maintenance schedule for each unit.

2008 AMS – FEBRUARY EDITION - DATED FEBRUARY 5, 2008

The February Edition of the 2008 AMS - dated February 5, 2008 reflects all planned maintenance requests for 2008 that have been submitted to the ISO through February 4, 2008. Those generator owners who have not yet submitted their anticipated maintenance schedules for 2008 are encouraged to do so.

2008 OPERABLE CAPACITY ANALYSIS

The Operable Capacity Analysis for 2008 presently forecasts the lowest Long Term Operable Capacity Margin, LTOCM, of negative 2,020 MW for weeks beginning May 31st, June 7th, 14th, and 21st. Negative capacity margins are also being forecasted for all remaining weeks in June, July and August, and for weeks beginning May 3rd, and 17th, with positive capacity margins for most the remaining weeks of the year. However, it is possible that additional maintenance that may be added in upcoming editions of the 2008 AMS will reduce those margins.

Peak Load Exposures (PLE)

The Peak Load Exposures (PLE) for the winter and summer of 2008 are 23,070 MW and 27,885 MW respectively, and reflect the seasonal peak loads based on the 2007 CELT Report.

Generating Unit Capabilities

Generating unit capabilities are based upon the February 1, 2008 Seasonal Claimed Capabilities report and includes assets receiving credit as part of the Energy Management System (EMS). New unit additions are factored into the New Generation column at the appropriate points in time.

Miscellaneous Assumptions

The weekly Total Known Maintenance values include all generation scheduled out-of-service as reflected within this edition of the 2008 AMS.

Only known capacity-backed (ICAP) contracts have been included in the Interchange column of the 2008 Operable Capacity Analysis. This column combines monthly data, as it becomes available, with contract totals recorded in the 2007 CELT Report.

Allowances for unplanned outages, as documented in ISO New England OP-5, range from 2,100 MW during the summer months to 3,600 MW.

External Transmission

Known maintenance of Hydro-Quebec Phase II and Highgate has been included in the analysis.

Weekly Operating Reserve

The weekly operating reserve is equal to one hundred percent (100%) of the largest contingency plus one-half (50%) of the second-largest contingency.

Generation at Risk Due to Gas Supply Issues

A column has been included in the Operable Capacity Analysis to reflect natural gas-fired generating capability that may not be available around the time of the winter peak load due to the unavailability of gas.

If you have any questions or comments concerning this edition of the 2008 AMS or Operable Capacity Analysis, please feel free to contact me at (413) 535-4162 or by email at opamoreq@iso-ne.com.

2008 ANNUAL MAINTENANCE SCHEDULE

Edition: February Edition dated February 5, 2008

Information Received through February 3, 2008

Dates indicate Saturday week beginning

Sorted by Area and Local Control Center

Plant Name	Asset ID	S. Name	RSP	LCC	Company	Blackstart	Type	WCC	SCC	February				March				April				May				June				July				August				September				October				November				December							
										2	9	16	23	1	8	15	22	29	5	12	19	26	3	10	17	24	31	7	14	21	28	5	12	19	26	2	9	16	23	30	6	13	20	27	4	11	18	25	1	8	15	22	29	6	13	20	27
ed planned TOTAL										600	900	900	500	2700	2700	3500	3700	4600	5900	6800	7900	6600	7000	5800	5700	3000	0	0	0	0	0	0	0	0	0	0	0	0	0	100	800	1700	1800	2700	4700	5200	6600	5600	5300	4700	1900	1300	2100	500	500	100	100

ISO-NE 2008 OPERABLE CAPACITY ANALYSIS

February 5, 2008 - WITH KNOWN EXTERNAL CONTRACTS - 50/50 FORECAST

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 during June, July, and August.

Week Beginning, Saturday															
Year	Month	Day	Installed Seasonal Claimed Capacity (SCC) [Note 1] (MW)	Net Interchange (NYPP, NB, HQ, Highgate) [Note 2] (MW)	New Generation [Note 3] (MW)	De-listed ICAP resources [Note 4] (MW)	Net Capacity [Note 5] (MW)	Peak Load Exposure [Note 6] (MW)	Operating Reserve Requirement [Note 7] (MW)	Total Known Maintenance [Note 8] (MW)	Allowance for Unplanned Outages [Note 8] (MW)	Generation at Risk Due to Gas Supply [Note 9] (MW)	Total Capacity [Note 10] (MW)	Operable Capacity Margin (+/-) (MW)	Extent of OP 4 Actions That May be Necessary (OP 4 Actions up to and including) [Note 10]
2008	February	2	32,757	1,050	0	290	33,810	22,562	1,800	600	3,400	3,900	25,910	1,550	
		9	32,757	1,050	0	290	33,810	22,532	1,800	900	3,400	3,900	25,610	1,280	
		16	32,757	1,050	0	290	33,810	22,260	1,800	900	3,400	3,900	25,610	1,550	
		23	32,757	1,050	0	290	33,810	21,236	1,800	500	3,400	0	29,410	6,370	
2008	March	1	32,779	58	0	290	32,838	20,874	1,800	2,700	2,400	0	27,738	5,060	
		8	32,779	58	0	290	32,838	20,671	1,800	2,800	2,400	0	27,638	5,170	
		15	32,779	58	0	290	32,838	20,292	1,800	3,600	2,400	0	26,838	4,750	
		22	32,779	58	0	290	32,838	19,706	1,800	3,700	2,400	0	26,738	5,230	
		29	32,781	58	0	290	32,838	19,194	1,800	4,600	2,400	0	25,838	4,840	
2008	April	5	32,781	58	0	290	32,838	18,934	1,800	6,000	2,400	0	24,438	3,700	
		12	32,781	58	0	290	32,838	18,405	1,800	6,900	2,400	0	23,538	3,330	
		19	32,781	58	0	290	32,838	18,131	1,800	7,900	2,400	0	22,538	2,610	
		26	32,781	58	0	290	32,838	18,103	1,800	6,600	2,900	0	23,338	3,440	
2008	May	3	32,781	58	0	290	32,838	21,067	1,800	7,000	3,600	0	22,238	(630)	Action 6
		10	32,781	58	0	290	32,838	22,046	1,800	5,800	3,600	0	23,438	(410)	Action 6
		17	32,781	58	0	290	32,838	22,955	1,800	5,700	3,600	0	23,538	(1,220)	Action 9
		24	32,781	58	0	290	32,838	23,953	1,800	3,000	3,600	0	26,238	490	
2008	June	31	30,514	58	100	290	30,668	27,885	1,800	0	3,000	0	27,668	(2,020)	Action 11
		7	30,514	58	100	290	30,668	27,885	1,800	0	3,000	0	27,668	(2,020)	Action 11
		14	30,514	58	100	290	30,668	27,885	1,800	0	3,000	0	27,668	(2,020)	Action 11
		21	30,514	58	100	290	30,668	27,885	1,800	0	3,000	0	27,668	(2,020)	Action 11
		28	30,468	58	100	290	30,628	27,885	1,800	0	2,300	0	28,328	(1,360)	Action 11
2008	July	5	30,468	58	100	290	30,628	27,885	1,800	0	2,300	0	28,328	(1,360)	Action 11
		12	30,468	58	100	290	30,628	27,885	1,800	0	2,300	0	28,328	(1,360)	Action 11
		19	30,468	58	100	290	30,628	27,885	1,800	0	2,300	0	28,328	(1,360)	Action 11
		26	30,468	58	100	290	30,628	27,885	1,800	0	2,300	0	28,328	(1,360)	Action 11
2008	August	2	30,453	58	100	290	30,608	27,885	1,800	0	2,300	0	28,308	(1,380)	Action 11
		9	30,453	58	100	290	30,608	27,885	1,800	0	2,300	0	28,308	(1,380)	Action 11
		16	30,453	58	100	290	30,608	27,885	1,800	0	2,300	0	28,308	(1,380)	Action 11
		23	30,453	58	100	290	30,608	27,885	1,800	0	2,300	0	28,308	(1,380)	Action 11
		30	30,447	58	200	290	30,708	25,643	1,800	100	2,300	0	28,308	870	
2008	September	6	30,447	58	200	290	30,708	24,257	1,800	800	2,300	0	27,608	1,550	
		13	30,447	58	200	290	30,708	23,889	1,800	1,700	2,300	0	26,708	1,020	
		20	30,447	58	200	290	30,708	23,797	1,800	1,800	2,300	0	26,608	1,010	
2008	October	27	30,447	58	200	290	30,708	18,380	1,800	2,700	3,000	0	25,008	4,830	
		4	32,741	58	200	290	32,998	18,417	1,800	4,700	3,000	0	25,298	5,080	
		11	32,741	58	200	290	32,998	19,390	1,800	5,200	3,000	0	24,798	3,610	
		18	32,741	58	200	290	32,998	19,773	1,800	6,600	3,000	0	23,398	1,830	
		25	32,741	58	200	290	32,998	19,990	1,800	5,600	3,000	0	24,398	2,610	
2008	November	1	32,770	58	200	290	33,028	20,112	1,800	5,300	3,800	0	23,928	2,020	
		8	32,770	58	200	290	33,028	20,474	1,800	4,700	3,800	0	24,528	2,250	
		15	32,770	58	200	290	33,028	21,250	1,800	2,200	3,800	0	27,028	3,980	
		22	32,770	58	200	290	33,028	22,008	1,800	1,500	3,800	0	27,728	3,920	
		29	32,768	58	200	290	33,028	22,218	1,800	2,400	3,400	0	27,228	3,210	
2008	December	6	32,768	58	200	290	33,028	22,522	1,800	700	3,400	0	28,928	4,610	
		13	32,768	58	200	290	33,028	22,534	1,800	700	3,400	0	28,928	4,590	
		20	32,768	58	200	290	33,028	22,599	1,800	100	3,400	0	29,528	5,130	
		27	32,768	58	0	290	32,828	22,599	1,800	100	3,400	0	29,328	4,930	

Notes: Please note that the information contained within the Capacity Analysis is a deterministic projection of system conditions which could materialize during any given week of the year

1. Installed Capacity per February 1, 2008 SCC report, Energy Management System units, with an adjustment for capacity increases and decreases expected during the analysis period (SCC = Seasonal Claimed Capacity). The Operable Capacity does not reflect possible transmission constraints within the ISO New England system.
2. Net Interchange is based on known capacity-backed (ICAP) contracts. This column combines monthly data, as it becomes available, with contract totals recorded in the 2007 Capacity, Energy, Loads, and Transmission - CELT Report.
3. New Generation information includes a) generation recently commercial but not yet reflected in the ISO New England SCC Report totals used in the Installed Capacity Column, and b) future generation as assumed by ISO-NE System Planning Department. This value is rounded to the nearest hundred.
4. Delisted capacity is only known for the current month. Projections are based on known delisted capacity sales.
5. Net Capacity = (SCC) + (Interchange) + (New Generation) - (Delisted ICAP Sold) In this equation, values for SCC, Interchange and Delisted ICAP sold are rounded to the nearest ten. (SCC = Seasonal Claimed Capacity)
6. Peak Load Exposure per data included in the April 2007 CELT Report.
7. Operating Reserve Requirement based on first largest contingency plus 1/2 the second largest contingency.
8. Allowance for Unplanned Outages includes forced outages and maintenance outages scheduled less than 14 days in advance.
9. Generation at Risk due to Gas Supply reflects dual fuel conversions scheduled to be complete prior to the upcoming winter.
10. Relief from certain OP 4 Actions varies depending on system conditions.

New England Operable Capacity Margins
 WITH KNOWN EXTERNAL TRANSACTIONS - 50/50 FORECAST

