



Joanne Bialas
Outage Coordination

To: NEPOOL Participants

From: Joanne Bialas

Subject: 2007 Annual Maintenance Schedule – April 2007

Date: April 5, 2007

Following this transmittal letter, you will find the 2007 Annual Maintenance Schedule (AMS) – April Edition dated April 5, 2007, with rounded weekly planned outage totals only, and an Operable Capacity Analysis (with forecasted external transactions) for 2007. 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.

2007 AMS – APRIL EDITION - DATED APRIL 5, 2007

The April Edition of the 2007 AMS - dated April 5, 2007 reflects all planned maintenance requests for 2007 that have been submitted to the ISO through April 3, 2007. Those generator owners who have not yet submitted their anticipated maintenance schedules for 2007 are encouraged to do so.

2007 OPERABLE CAPACITY ANALYSIS

The Operable Capacity Analysis for 2007 presently forecasts the lowest Long Term Operable Capacity Margin, LTOCM, of negative 1,480 MW for weeks beginning June 2nd, 9th, 16th, and 23rd. Negative capacity margins are also being forecasted for all remaining weeks in June, July and August, with positive capacity margins for the remaining weeks of the year. However, it is possible that additional maintenance that may be added in upcoming editions of the 2007 AMS will reduce those margins. Presently, the Locational Operable Capacity Margin, LOCM, being calculated is positive for all weeks in 2007.

Peak Load Exposures (PLE)

The Peak Load Exposures (PLE) for the winter and summer of 2007 are 22,845 MW and 27,355 MW respectively, and reflect the seasonal peak loads based on the preliminary 2007 CELT Report.

Generating Unit Capabilities

Generating unit capabilities are based upon the April 1, 2007 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 2007 AMS.

Only known capacity-backed (ICAP) contracts have been included in the Interchange column of the 2007 Operable Capacity Analysis. This column combines monthly data, as it becomes available, with contract totals recorded in the preliminary 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 2007 AMS or Operable Capacity Analysis, please feel free to contact me at (413) 535-4162 or by email at opamoreq@iso-ne.com.

2007 ANNUAL MAINTENANCE SCHEDULE

Edition: April 5, 2007

Information Received through April 3, 2007

Sorted by Local Control Center and RSP Sub-Area

Plant Name	Asset ID	S. Name	RSP	LCC	Pipe Company	Type	WCC	SCC	April				May				June				July				August				September				October				November				December									
									7	14	21	28	5	12	19	26	2	9	16	23	30	7	14	21	28	4	11	18	25	1	8	15	22	29	6	13	20	27	3	10	17	24	1	8	15	22				
									round	planned	TOTAL	6600	7100	6900	8500	4400	4900	3600	2800	0	0	0	0	0	0	0	0	0	0	0	0	0	300	1300	1700	1300	2300	2900	3600	2900	2700	2500	2200	1500	1800	1900	1500	800	200	200

ISO-NE 2007 OPERABLE CAPACITY ANALYSIS

April 05, 2007 - 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]	Net Interchange (NYPP, NB, HQ, Highgate) [Note 2]	New Generation [Note 3]	De-listed ICAP resources [Note 4]	Net Capacity [Note 5]	Peak Load Exposure [Note 6]	Operating Reserve Requirement [Note 7]	Total Known Maintenance	Allowance for Unplanned Outages [Note 8]	Generation at Risk Due to Gas Supply [Note 9]	Total Capacity	Operable Capacity Margin (+/-)	Extent of OP 4 Actions That May be Necessary (OP 4 Actions up to and including) [Note 10]
2007	April	7	32,989	1,540	0	340	34,530	18,749	1,800	6,600	2,700	0	25,230	4,680	
		14	32,989	1,540	0	340	34,530	18,226	1,800	7,100	2,700	0	24,730	4,700	
		21	32,989	1,540	0	340	34,530	17,954	1,800	6,900	2,700	0	24,930	5,180	
		28	32,989	940	0	340	33,930	17,926	1,800	8,500	3,400	0	22,030	2,300	
2007	May	5	32,989	940	0	340	33,930	20,670	1,800	4,400	3,400	0	26,130	3,660	
		12	32,989	317	0	340	33,307	21,631	1,800	4,900	3,400	0	25,007	1,580	
		19	32,989	940	0	340	33,930	22,523	1,800	3,600	3,400	0	26,930	2,610	
		26	32,989	940	0	340	33,930	23,502	1,800	2,800	3,400	0	27,730	2,430	
2007	June	2	30,405	70	0	340	30,480	27,355	1,800	0	2,800	0	27,680	(1,480)	Action 11
		9	30,405	70	0	340	30,480	27,355	1,800	0	2,800	0	27,680	(1,480)	Action 11
		16	30,405	70	0	340	30,480	27,355	1,800	0	2,800	0	27,680	(1,480)	Action 11
		23	30,405	70	0	340	30,480	27,355	1,800	0	2,800	0	27,680	(1,480)	Action 11
		30	30,359	70	0	340	30,430	27,355	1,800	0	2,100	0	28,330	(830)	Action 11
2007	July	7	30,359	70	0	340	30,430	27,355	1,800	0	2,100	0	28,330	(830)	Action 11
		14	30,359	70	0	340	30,430	27,355	1,800	0	2,100	0	28,330	(830)	Action 11
		21	30,359	70	0	340	30,430	27,355	1,800	0	2,100	0	28,330	(830)	Action 11
		28	30,345	70	0	340	30,410	27,355	1,800	0	2,100	0	28,310	(850)	Action 11
2007	August	4	30,345	70	0	340	30,410	27,355	1,800	0	2,100	0	28,310	(850)	Action 11
		11	30,345	70	0	340	30,410	27,355	1,800	0	2,100	0	28,310	(850)	Action 11
		18	30,345	70	0	340	30,410	27,355	1,800	0	2,100	0	28,310	(850)	Action 11
		25	30,345	70	100	340	30,510	26,253	1,800	300	2,100	0	28,110	60	
2007	September	1	30,339	70	100	340	30,510	25,160	1,800	1,300	2,100	0	27,110	150	
		8	30,339	70	100	340	30,510	23,800	1,800	1,700	2,100	0	26,710	1,110	
		15	30,339	70	100	340	30,510	23,439	1,800	1,300	2,100	0	27,110	1,870	
		22	30,339	70	100	340	30,510	23,349	1,800	2,300	2,100	0	26,110	960	
		29	32,949	940	100	340	33,990	18,140	1,800	2,900	2,800	0	28,290	8,350	
2007	October	6	32,949	940	100	340	33,990	18,177	1,800	3,600	2,800	0	27,590	7,610	
		13	32,949	940	100	340	33,990	19,137	1,800	2,900	2,800	0	28,290	7,350	
		20	32,949	940	100	340	33,990	19,515	1,800	2,700	2,800	0	28,490	7,180	
		27	32,978	940	100	340	34,020	19,729	1,800	2,500	3,600	0	27,920	6,390	
2007	November	3	32,978	940	100	340	34,020	19,849	1,800	2,200	3,600	0	28,220	6,570	
		10	32,978	940	100	340	34,020	20,207	1,800	1,500	3,600	0	28,920	6,910	
		17	32,978	940	100	340	34,020	20,973	1,800	1,800	3,600	0	28,620	5,850	
		24	32,978	940	100	340	34,020	21,720	1,800	1,900	3,600	0	28,520	5,000	
2007	December	1	32,976	940	100	340	34,020	21,928	1,800	1,500	3,200	0	29,320	5,590	
		8	32,976	940	100	340	34,020	22,228	1,800	800	3,200	0	30,020	5,990	
		15	32,976	940	100	340	34,020	22,239	1,800	200	3,200	0	30,620	6,580	
		22	32,976	940	100	340	34,020	22,304	1,800	200	3,200	0	30,620	6,520	

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 April 1, 2007 SCC report, Energy Management System units, with an adjustment for capability 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 preliminary 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 preliminary 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

