Rachel Wilkins-Thurman
Outage Coordination

To: NEPOOL Participants

From: Rachel Wilkins-Thurman

Subject: 2011-12 Current Year Annual Maintenance Schedule

Date: June 6, 2011

Following this transmittal letter, you will find the 2011-12 Annual Maintenance Schedule (AMS) – dated June 6, 2011, with rounded weekly planned outage totals only, and an Operable Capacity Analysis (with forecasted external transactions) for June 2011 through May 2012. This schedule covers the second Forward Capacity Market procurement period. 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.

2011-12 AMS - DATED JUNE 6, 2011

The 2011-12 AMS - dated June 6, 2011 reflects all planned maintenance requests for June 2011- May 2012 that have been submitted to the ISO through June 2, 2011. Those generator owners who have not yet submitted their anticipated maintenance schedules for Procurement Period 2011-12 are encouraged to do so.

2011-12 OPERABLE CAPACITY ANALYSIS

The Operable Capacity Analysis for June 2011 through May 2012 presently forecasts the lowest Long Term Operable Capacity Margin, LTOCM, of negative 2,690 MW for week beginning September 10th. The overall margin has become less negative since new resources have been added to the overall available capacity since the last publication.

Peak Load Exposures (PLE)

After being adjusted for Other Demand Resources, ODR, the Peak Load Exposure (PLE) for the summer and winter of 2011-12 is 26,776 MW, and reflects the seasonal peak load based on the 2011 CELT Report.

Generating Unit Capabilities

Resource Capacity Supply Obligations, CSO, are based upon data as of June 2, 2011 and includes Energy Management System (EMS) assets. 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 draft of the 2011-12 AMS.

Unplanned Outage Allotment

Allowances for unplanned outages, as documented in ISO New England SOP-OUTSCH.0030.0040 range from 2,100 MW to 3,600 MW during the winter and summer months.

External Transmission

No maintenance of Hydro-Quebec Phase II or 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 2011-12 AMS or Operable Capacity Analysis, If you have any comments or suggestions please feel free to contact Richard Boughton at (413) 540-4752 or Joanne Bialas at (413) 535-4162 or Rachel Wilkins-Thurman (413) 540-4261 or by email at opamoreq@iso-ne.com.

ISO-NE 2011 SUMMER OPERABLE CAPACITY ANALYSIS

June 6, 2011 - 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.

	OPCAP SUPPLY							LOAD OBLIGATIONS			OPCAP MARGINS				
STUDY WEEK (Week Beginning, Saturday)	AVAILABLE OPCAP MW	EXTERNAL NODE AVAIL CAPACITY MW	NON COMMERCIAL CAPACITY MW	PLANNED OUTAGES	ALLOWANCE FOR UNPLANNED OUTAGES MW	GEN AT RISK DUE TO GAS SUP MW	NET OPCAP SUPPLY MW	PEAK LOAD FORECAST MW	OPER RESERVE REQUIREMENT MW	NET LOAD OBLIGATION MW	OPCAP MARGIN MW	OPCAP FROM OP4 ACTIVE REAL-TIME DR MW	OPCAP MARGIN w/ OP4 actions through OP4 Step 2 MW	OPCAP FROM OP4 REAL-TIME EMER. GEN MW	OPCAP MARGIN w/ OP4 actions through OP4 Step 6 MW
	[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]	[13]	[14]	[15]
6/4/2011	28,851	1,289	0	807	2,800	0	26,530	26,766	2,000	28,766	(2,240)	550	(1,690)	375	(1,315)
6/11/2011	28,881	1,289	0	642	2,800	0	26,730	26,766	2,000	28,766	(2,040)	550	(1,490)	375	(1,115)
6/18/2011	28,833	1,289	0	522	2,800	0	26,800	26,766	2,000	28,766	(1,970)	550	(1,420)	375	(1,045)
6/25/2011	28,688	1,289	0	252	2,800	0	26,920	26,766	2,000	28,766	(1,850)	550	(1,300)	375	(925)
7/2/2011	28,854	1,223	0	190	2,100	0	27,790	26,766	2,000	28,766	(980)	550	(430)	375	(55)
7/9/2011	28,858	1,223	0	223	2,100	0	27,760	26,766	2,000	28,766	(1,010)	550	(460)	375	(85)
7/16/2011	28,867	1,223	0	237	2,100	0	27,750	26,766	2,000	28,766	(1,020)	550	(470)	375	(95)
7/23/2011	28,867	1,223	0	233	2,100	0	27,760	26,766	2,000	28,766	(1,010)	550	(460)	375	(85)
7/30/2011	28,099	1,223	0	222	2,100	0	27,000	26,766	2,000	28,766	(1,770)	550	(1,220)	375	(845)
8/6/2011	28,095	1,223	0	212	2,100	0	27,010	26,766	2,000	28,766	(1,760)	550	(1,210)	375	(835)
8/13/2011	28,089	1,223	0	197	2,100	0	27,020	26,766	2,000	28,766	(1,750)	550	(1,200)	375	(825)
8/20/2011	28,093	1,223	0	220	2,100	0	27,000	26,766	2,000	28,766	(1,770)	550	(1,220)	375	(845)
8/27/2011	28,098	1,223	0	216	2,100	0	27,010	26,766	2,000	28,766	(1,760)	550	(1,210)	375	(835)
9/3/2011	28,107	1,223	0	412	2,100	0	26,820	26,766	2,000	28,766	(1,950)	550	(1,400)	375	(1,025)
9/10/2011	**28,129**	**1,223**	**0**	**1,173**	**2,100**	**0**	**26,080**	**26,766**	**2,000**	**28,766**	**(2,690)**	**550**	**(2,140)**	**375**	**(1,765)**
9/17/2011	28,376	1,223	0	2,325	2,100	0	25,170	22,818	2,000	24,818	350	550	900	375	1,275
9/24/2011	28,530	1,223	0	3,516	2,100	0	24,140	22,727	2,000	24,727	(590)	550	(40)	375	335
10/1/2011	30,624	493	0	6,354	2,800	0	21,960	16,715	2,000	18,715	3,240	550	3,790	375	4,165
10/8/2011	30,559	493	0	7,318	2,800	0	20,930	16,751	2,000	18,751	2,180	550	2,730	375	3,105
10/15/2011	30,929	493	0	8,009	2,800	0	20,610	17,677	2,000	19,677	930	550	1,480	375	1,855
10/22/2011	30,611	493	0	6,606	2,800	0	21,700	18,042	2,000	20,042	1,660	550	2,210	375	2,585
10/29/2011	30,396	493	0	6,505	3,600	0	20,780	18,248	2,000	20,248	530	550	1,080	375	1,455
11/5/2011	30,308	493	0	5,569	3,600	0	21,630	18,364	2,000	20,364	1,270	550	1,820	375	2,195
11/12/2011	30,105	493	0	4,047	3,600	0	22,950	18,709	2,000	20,709	2,240	550	2,790	375	3,165
11/19/2011	29,948	493	0	2,339	3,600	0	24,500	19,448	2,000	21,448	3,050	550	3,600	375	3,975
11/26/2011	29,861	493	0	2,280	3,600	0	24,470	20,169	2,000	22,169	2,300	550	2,850	375	3,225
12/3/2011	30,007	493	0	2,253	3,200	0	25,050	20,383	2,000	22,383	2,670	550	3,220	375	3,595
12/10/2011	29,913	493	0	1,101	3,200	0	26,100	20,673	2,000	22,673	3,430	550	3,980	375	4,355
12/17/2011	29,808	493	0	746	3,200	0	26,350	20,684	2,000	22,684	3,670	550	4,220	375	4,595
12/24/2011	29,808	493	0	746	3,200	0	26,350	20,746	2,000	22,746	3,600	550	4,150	375	4,525
12/31/2011	29,785	493	0	564	2,800	0	26,910	21,020	2,000	23,020	3,890	550	4,440	375	4,815
1/7/2012	29,785	493	0	564	2,800	2,000	24,910	21,485	2,000	23,485	1,420	550	1,970	375	2,345
1/14/2012	29,783	493	0	562	2,800	2,000	24,910	21,485	2,000	23,485	1,420	550	1,970	375	2,345
1/21/2012	29,783	493	0	562	2,800	2,000	24,910	21,485	2,000	23,485	1,420	550	1,970	375	2,345
1/28/2012	29,661	493	0	270	3,100	2,000	24,780	21,262	2,000	23,262	1,520	550	2,070	375	2,445
2/4/2012	29,699	493	0	519	3,100	2,000	24,570	20,995	2,000	22,995	1,570	550	2,120	375	2,495
2/11/2012	29,699	493	0	519	3,100	2,000	24,570	20,966	2,000	22,966	1,600	550	2,150	375	2,525
2/18/2012	29,699	493	0	519	3,100	2,000	24,570	20,704	2,000	22,704	1,870	550	2,420	375	2,795
2/25/2012	29,699	493	0	519	3,100	0	26,570	19,716	2,000	21,716	4,850	550	5,400	375	5,775
3/3/2012	29,725	493	0	683	2,200	0	27,330	19,366	2,000	21,366	5,960	550	6,510	375	6,885
3/10/2012	29,704	493	0	957	2,200	0	27,040	19,170	2,000	21,170	5,870	550	6,420	375	6,795
3/17/2012	29,666	493	0	707	2,200	0	27,250	18,806	2,000	20,806	6,440	550	6,990	375	7,365
3/24/2012	29,702	493	0	954	2,200	0	27,040	18,240	2,000	20,240	6,800	550	7,350	375	7,725
3/31/2012	29,627	493	0	1,656	2,700	0	25,760	17,732	2,000	19,732	6,030	550	6,580	375	6,955
4/7/2012	29,498	493	0	517	2,700	0	26,770	17,481	2,000	19,481	7,290	550	7,840	375	8,215
4/14/2012	29,498	493	0	517	2,700	0	26,770	16,971	2,000	18,971	7,800	550	8,350	375	8,725
4/21/2012	29,575	493	0	1,078	2,700	0	26,290	16,706	2,000	18,706	7,580	550	8,130	375	8,505
4/28/2012	29,575	493	0	1,078	3,400	0	25,590	16,680	2,000	18,680	6,910	550	7,460	375	7,835
5/5/2012	29,504	493	0	541	3,400	0	26,060	20,442	2,000	22,442	3,620	550	4,170	375	4,545

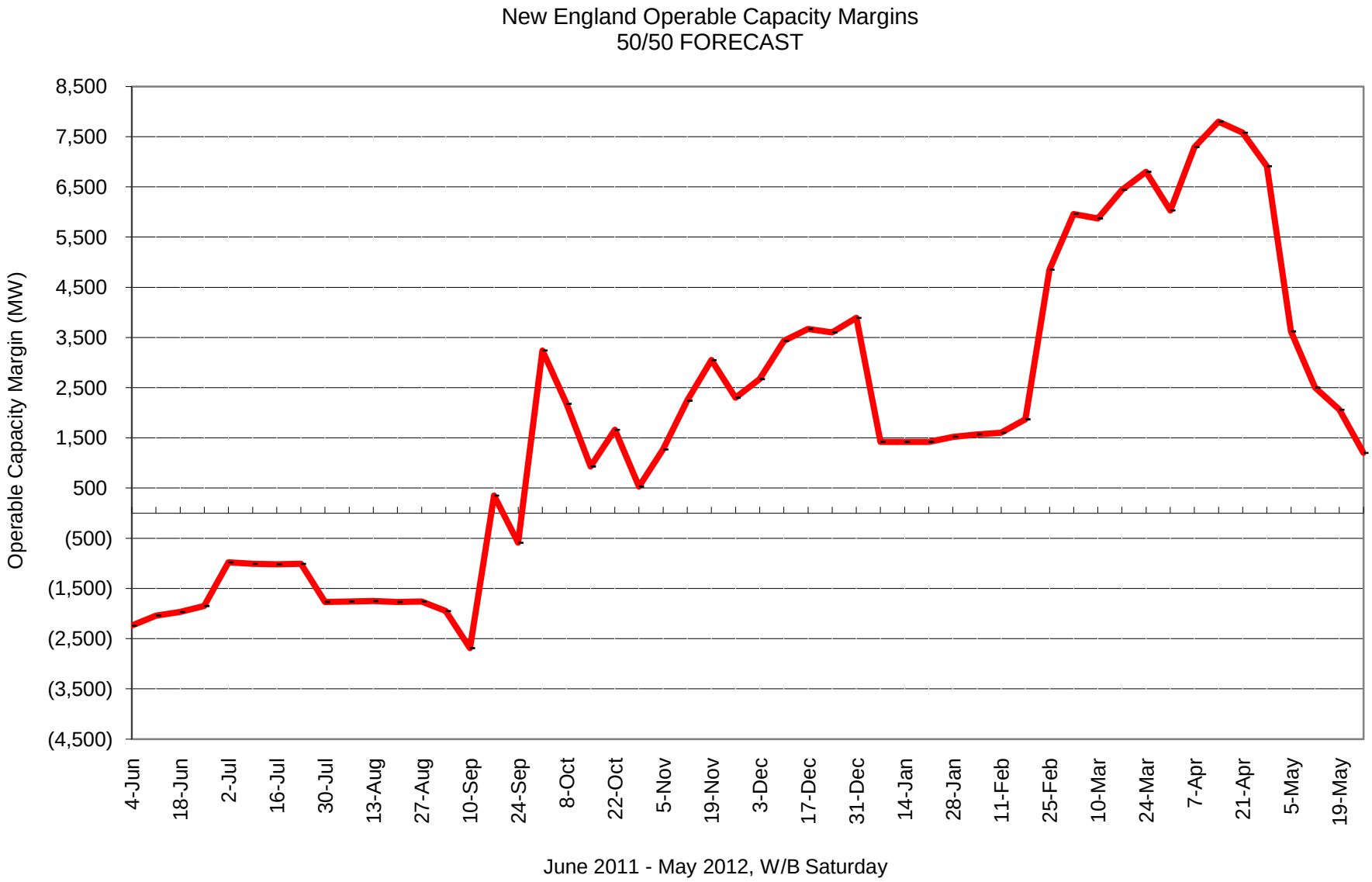
ISO-NE 2011 SUMMER OPERABLE CAPACITY ANALYSIS

June 6, 2011 - 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.

	OPCAP SUPPLY							LOAD OBLIGATIONS			OPCAP MARGINS				
STUDY WEEK (Week Beginning,	AVAILABLE OPCAP MW	EXTERNAL NODE AVAIL CAPACITY MW	NON COMMERCIAL CAPACITY MW	PLANNED OUTAGES	ALLOWANCE FOR UNPLANNED OUTAGES MW	GEN AT RISK DUE TO GAS SUP MW	NET OPCAP SUPPLY MW	PEAK LOAD FORECAST MW	OPER RESERVE REQUIREMENT MW	NET LOAD OBLIGATION MW	OPCAP MARGIN MW	OPCAP FROM OP4 ACTIVE REAL-TIME DR MW	OPCAP MARGIN w/ OP4 actions through OP4 Step 2 MW	OPCAP FROM OP4 REAL-TIME EMER. GEN MW	OPCAP MARGIN w/ OP4 actions through OP4 Step 6 MW
5/12/2012	29,507	493	0	667	3,400	0	25,930	21,428	2,000	23,428	2,500	550	3,050	375	3,425
5/19/2012	29,475	493	0	173	3,400	0	26,400	22,344	2,000	24,344	2,060	550	2,610	375	2,985
5/26/2012	29,462	493	0	0	3,400	0	26,550	23,350	2,000	25,350	1,200	550	1,750	375	2,125

1. Available OPCAP MW based on resource Capacity Supply Obligations, CSO, from Forward Capacity Tracking System, FCTS . Does not include Settlement Only Generators.
(LTOCM application Case Output-System Results-column PreOutage CSO MW)
2. External Node Available Capacity MW based on external Capacity Supply Obligations, CSO. (LTOCM application Case Output-System Results-(EXTERNAL NODE AVAIL OPCAP MW+ ZONAL EXPORT LIMITATIONS MW)
3. New resources that have not yet acquired a CSO but will become commercial in the future.
4. Planned Outages includes outages scheduled greater than or equal to 15 days in advance.
5. Allowance for Unplanned Outages includes forced outages and maintenance outages scheduled less than 14 days in advance per ISO New England Operating Procedure No. 5 Appendix A.
(LTOCM application Case Output-System Results-UNPLANNED OUTAGES MW)
6. Generation at Risk due to Gas Supply pertains to gas fired capacity expected to be at risk during cold weather conditions. (LTOCM application Case Output-System Results-GEN RISK DUE TO GAS SUP MW)
7. Total OpCap Supply Available per the formula (1 + 2 + 3 - 4 - 5 - 6 = 7)
8. Peak Load Forecast per data included in the 2011 CELT Report adjusted for Other Demand Resources. (LTOCM application-Case Output-System Results-LOAD FORECAST MW)
9. Operating Reserve Requirement based on first largest contingency plus 1/2 the second largest contingency. (LTOCM application Case Output-System Results-OPER RESERVE REQUIREMENT MW)
10. Total Load Obligation per the formula (8 + 9 = 10)
11. Net OPCAP Supply minus Net Load Obligation (7 - 10 = 11)
12. OP 4 Action 2 Real-time Demand Response based on OP4 Appendix A. Reserve Margins and Distribution Loss Factor Gross Ups are Included.
13. OPCAP Margin taking into account Real Time Demand Response through OP4 Step 2 (11 + 12 = 13).
14. OP 4 Action 6 Emergency Generation Response without the Voltage Reduction requiring > 10 Minutes based on OP4 Appendix A. Real Time Emergency Generation is capped at 600MW.
Reserve Margins and Distribution Loss Factor Gross Ups are Included.
15. OPCAP Margin taking into account Real Time Demand Response and Real Time Emergency Generation through OP4 Step 6 (13 + 14 = 15). This does not include Emergency Energy Transactions (EETs).


New England Operable Capacity Margins
50/50 FORECAST
Operable Capacity Margin (MW)
8,500
7,500
6,500
5,500
4,500
3,500
2,500
1,500
500
(500)
(1,500)
(2,500)
(3,500)
(4,500)
4-Jun
18-Jun
2-Jul
16-Jul
30-Jul
13-Aug
27-Aug
10-Sep
24-Sep
8-Oct
22-Oct
5-Nov
19-Nov
3-Dec
17-Dec
31-Dec
14-Jan
28-Jan
11-Feb
25-Feb
10-Mar
24-Mar
7-Apr
21-Apr
5-May
19-May
June 2011 - May 2012, W/B Saturday