



## Forward Capacity Market Auction (FCA 2010-2011) Results Report

This report is intended to provide a summary of the results for the Forward Capacity Auction for Capacity Commitment Period of June 1, 2010 to May 31, 2011 (FCA\_2010\_2011). FCA\_2010\_2011 concluded upon reaching the Lower Bound of the Capacity Clearing Price Collar (\$4.50 or 0.6 X CONE), meaning, the amount of capacity offered in the auction exceeded the amount needed to meet the Net Installed Capacity Requirement for the commitment period. The results of the auction are contained in two sections, Auction Round Results and Capacity Supply Obligation Details. An explanation for the data is provided within the appropriate section of this document.

Each of the values is calculated in accordance with Market Rule 1 Sections III.12 Calculation of Capacity Requirements, and III.13 Forward Capacity Market. The details concerning the calculations for any of the auction values contained in the tables below can be found in Market Rule 1 Section III.13.2 Annual Forward Capacity Auction and/or the User Guide for the Forward Capacity Auction 2010-2011. Both of these documents are available on the ISO New England website.

### Section 1:

#### **Auction Round Results-**

FCA\_2010\_2011 began at 10:00 AM EST on February 4, 2008, and concluded after eight rounds at 11:00 AM on February 6, 2008. The tables listed below contain specific MW and dollar amounts for each round of the auction. The data is contained in two tables (Maine and Rest of Pool) and includes the following information:

- The Net Installed Capacity Requirement (NICR) for the commitment period (32,305 MW)
- The start price and end price for each of the eight rounds specific to each of the Capacity Zones in dollars per kW Month
- The excess MW amount for each Capacity Zone at the end of each round
- The excess MW amount if above the available capacity limit on the External Tie lines connected to each Capacity Zone or a text identifying there is “No Excess Supply” if the amount available was less than or equal to the available capacity limit on the tie line.
- A Note at the bottom of the document contains clarification information



**Forward Capacity Market Auction (FCA 2010-2011) Results Report**  
**Capacity Clearing Price Lower Bound Collar Reached**

Maine:

Round	System-Wide (NICR = <b>32,305.000</b> MW)	Capacity Zone Maine (MCL: <b>3,855.000</b> MW)	External Interface New Brunswick
Status		<b>Closed</b>	<b>Closed</b>
<b>Round 1</b>	\$15.000 - \$9.000	\$15.000 - \$9.000	\$15.000 - \$9.000
<b>Excess</b>	3,669.212 MW	MCL Satisfied	No Excess Supply
<b>Round 2</b>	\$9.000 - \$8.000	\$9.000 - \$8.000	\$9.000 - \$8.000
<b>Excess</b>	3,583.394 MW	MCL Satisfied	No Excess Supply
<b>Round 3</b>	\$8.000 - \$7.000	\$8.000 - \$7.000	\$8.000 - \$7.000
<b>Excess</b>	3,370.553 MW	MCL Satisfied	No Excess Supply
<b>Round 4</b>	\$7.000 - \$6.000	\$7.000 - \$6.000	\$7.000 - \$6.000
<b>Excess</b>	3,295.957 MW	MCL Satisfied	No Excess Supply
<b>Round 5</b>	\$6.000 - \$5.625	\$6.000 - \$5.625	\$6.000 - \$5.625
<b>Excess</b>	2,818.045 MW	MCL Satisfied	No Excess Supply
<b>Round 6</b>	\$5.625 - \$5.250	\$5.625 - \$5.250	\$5.625 - \$5.250
<b>Excess</b>	2,091.384 MW	MCL Satisfied	No Excess Supply
<b>Round 7</b>	\$5.250 - \$4.875	\$5.250 - \$4.875	\$5.250 - \$4.875
<b>Excess</b>	2,047.574 MW	MCL Satisfied	No Excess Supply
<b>Round 8</b>	\$4.875 - \$4.500	\$4.875 - \$4.500	\$4.875 - \$4.500
<b>Excess</b>	2,047.074 MW	MCL Satisfied	No Excess Supply
<b>Capacity Clearing Price (\$/KW-Month): \$4.500</b>			

NOTE:

- All prices are in \$/KW-Month
- NICR = Net Installed Capacity Requirement
- MCL = Maximum Capacity Limit
- Type of Capacity Zone: Export-Constrained
- An External Interface cannot close earlier than the associated Capacity Zone
- Excess Supply (system-wide and in Export-Constrained Capacity Zone) has not been adjusted for **excess** of Real Time Emergency Generation capacity



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### Capacity Clearing Price Lower Bound Collar Reached

Rest of Pool:

Round	System-Wide (NICR = <b>32,305.000 MW</b> )	Capacity Zone Rest of Pool	External Interface New York Cross Sound Cable	External Interface New York AC Ties	External Interface Phase I/II HQ Excess	External Interface Hydro-Quebec Highgate
<b>Status</b>		<b>Closed</b>	<b>Closed</b>	<b>Closed</b>	<b>Closed</b>	<b>Closed</b>
<b>Round 1</b>	\$15.000 - \$9.000		\$15.000 - \$9.000	\$15.000 - \$9.000	\$15.000 - \$9.000	\$15.000 - \$9.000
<b>Excess</b>	3,669.212 MW		No Excess Supply	No Excess Supply	899.846 MW	16 MW
<b>Round 2</b>	\$9.000 - \$8.000		\$9.000 - \$8.000	\$9.000 - \$8.000	\$9.000 - \$8.000	\$9.000 - \$8.000
<b>Excess</b>	3,583.394 MW		No Excess Supply	No Excess Supply	899.846 MW	16 MW
<b>Round 3</b>	\$8.000 - \$7.000		\$8.000 - \$7.000	\$8.000 - \$7.000	\$8.000 - \$7.000	\$8.000 - \$7.000
<b>Excess</b>	3,370.553 MW		No Excess Supply	No Excess Supply	899.846 MW	16 MW
<b>Round 4</b>	\$7.000 - \$6.000		\$7.000 - \$6.000	\$7.000 - \$6.000	\$7.000 - \$6.000	\$7.000 - \$6.000
<b>Excess</b>	3,295.957 MW		No Excess Supply	No Excess Supply	899.846 MW	16 MW
<b>Round 5</b>	\$6.000 - \$5.625		\$6.000 - \$5.625	\$6.000 - \$5.625	\$6.000 - \$5.625	\$6.000 - \$5.625
<b>Excess</b>	2,818.045 MW		No Excess Supply	No Excess Supply	899.846 MW	16 MW
<b>Round 6</b>	\$5.625 - \$5.250		\$5.625 - \$5.250	\$5.625 - \$5.250	\$5.625 - \$5.250	\$5.625 - \$5.250
<b>Excess</b>	2,091.384 MW		No Excess Supply	No Excess Supply	268.000 MW	16 MW
<b>Round 7</b>	\$5.250 - \$4.875		\$5.250 - \$4.875	\$5.250 - \$4.875	\$5.250 - \$4.875	\$5.250 - \$4.875
<b>Excess</b>	2,047.574 MW		No Excess Supply	No Excess Supply	268.000 MW	16 MW
<b>Round 8</b>	\$4.875 - \$4.500		\$4.875 - \$4.500	\$4.875 - \$4.500	\$4.875 - \$4.500	\$4.875 - \$4.500
<b>Excess</b>	2,047.074 MW		No Excess Supply	No Excess Supply	268.000 MW	16 MW
<b>Capacity Clearing Price (\$/KW-Month): \$4.500</b>						

NOTE:

- All prices are in \$/KW-Month
- NICR = Net Installed Capacity Requirement
- An External Interface cannot close earlier than the associated Capacity Zone
- Excess Supply (system-wide and in Export-Constrained Capacity Zone) has not been adjusted for excess of Real Time Emergency Generation capacity.



## Forward Capacity Market Auction (FCA 2010-2011) Results Report

### Section 2:

#### Capacity Supply Obligation Details –

Capacity Supply Obligation totals for FCA\_2010\_2011 are provided in the tables below. Table 1 contains the system wide totals (including Real-Time Emergency Generation and Self-Supply Values) and Table 2 contains the totals for each Capacity Zone. The Capacity Supply Obligation total has been adjusted to reflect the Real Time Emergency Generation limit of 600 MW.

**Table 1**

Control Area Information				Capacity Supply Obligation Details			
Installed Capacity Requirement	HQICC	Net Installed Capacity Requirement	Capacity Supply Obligation	RTEG Capacity Supply Obligation	RTEG Utilization Ratio	Self-Supply Obligation	Import Capacity Supply Obligation
MW	MW	MW	MW	MW	Number	MW	MW
<b>33705</b>	<b>1400</b>	<b>32305</b>	<b>34077.25</b>	<b>874.824</b>	<b>0.6858522</b>	<b>1593.262</b>	<b>933.583</b>

**Table 2**

Capacity Zone Information		Capacity Supply Obligation Details					
Modeled Capacity Zone Name	Maximum Capacity Limit	Capacity Supply Obligation	RTEG Capacity Supply Obligation	Self-Supply Obligation	Capacity Clearing Price	Payment Rate	RTEG Payment Rate
String	MW	MW	MW	MW	\$/kW-Month	\$/kW-Month	\$/kW-Month
<b>Rest-of-Pool</b>		<b>30571.890</b>	<b>838.202</b>	<b>1584.336</b>	<b>4.500</b>	<b>4.254</b>	<b>2.918</b>
<b>Maine</b>	<b>3855.000</b>	<b>3505.360</b>	<b>36.622</b>	<b>8.926</b>	<b>4.500</b>	<b>4.254</b>	<b>2.918</b>