

# Forward Capacity Market (FCA 2013-2014) Result Report

This report is intended to provide a summary of the results for the fourth Forward Capacity Auction for Capacity Commitment Period of June 1, 2013 to May 31, 2014 (FCA\_2013\_2014). FCA\_2013\_2014 concluded upon reaching the Floor Price (\$2.951 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 Forward Capacity Auction 2013-2014. Both documents are available on the ISO New England website.

## Section 1:

**Auction Round Results-** FCA\_2013\_2014 began at 9:00 AM EST on August 2, 2010 and concluded after seven rounds at 1:30 PM on August 3, 2010. 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 (32,127MW)
- The start price and end price for each of the seven rounds specific to the 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.

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Capacity Clearing Price Lower Bound Collar Reached (\$2.951/kW/Month)

## Maine:

Round	System-Wide (NICR: 32,127.000 MW)	Capacity Zone Maine (MCL: 3,187.000 MW)	External Interface New Brunswick
Status		Closed FCA Floor Price Reached	Closed FCA Floor Price Reached
Excess	5,639.642 MW	930.896 MW	No Excess Supply
Round 2	\$ 5.902 – \$ 4.918	\$ 5.902 – \$ 4.918	\$ 5.902 – \$ 4.918
Excess	5,441.218 MW	930.896 MW	No Excess Supply
Round 3	\$ 4.918 – \$ 4.426	\$ 4.918 – \$ 4.426	\$ 4.918 – \$ 4.426
Excess	5,343.238 MW	930.896 MW	No Excess Supply
Round 4	\$ 4.426 – \$ 3.934	\$ 4.426 – \$ 3.934	\$ 4.426 – \$ 3.934
Excess	5,245.267 MW	930.896 MW	No Excess Supply
Round 5	\$ 3.934 – \$ 3.689	\$ 3.934 – \$ 3.689	\$ 3.934 – \$ 3.689
Excess	4,796.808 MW	894.844 MW	No Excess Supply
Round 6	\$ 3.689 – \$ 3.320	\$ 3.689 – \$ 3.320	\$ 3.689 – \$ 3.320
Excess	4,779.039 MW	894.463 MW	No Excess Supply
Round 7	\$ 3.320 – \$ 2.951	\$ 3.320 – \$ 2.951	\$ 3.320 – \$ 2.951
Excess	4,619.754 MW	842.451 MW	No Excess Supply

### 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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## Rest of Pool:

Round	System-Wide (NICR: 32,127.000 MW)	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>		Closed FCA Floor Price Reached	Closed FCA Floor Price Reached	Closed FCA Floor Price Reached	Closed FCA Floor Price Reached	Closed FCA Floor Price Reached
<i>Excess</i>	5,639.642 MW		No Excess Supply	No Excess Supply	295.000 MW	No Excess Supply
Round 2	\$ 5.902 – \$ 4.918		\$ 5.902 – \$ 4.918	\$ 5.902 – \$ 4.918	\$ 5.902 – \$ 4.918	\$ 5.902 – \$ 4.918
<i>Excess</i>	5,441.218 MW		No Excess Supply	No Excess Supply	295.000 MW	No Excess Supply
Round 3	\$ 4.918 – \$ 4.426		\$ 4.918 – \$ 4.426	\$ 4.918 – \$ 4.426	\$ 4.918 – \$ 4.426	\$ 4.918 – \$ 4.426
<i>Excess</i>	5,343.238 MW		No Excess Supply	No Excess Supply	295.000 MW	No Excess Supply
Round 4	\$ 4.426 – \$ 3.934		\$ 4.426 – \$ 3.934	\$ 4.426 – \$ 3.934	\$ 4.426 – \$ 3.934	\$ 4.426 – \$ 3.934
<i>Excess</i>	5,245.267 MW		No Excess Supply	No Excess Supply	295.000 MW	No Excess Supply
Round 5	\$ 3.934 – \$ 3.689		\$ 3.934 – \$ 3.689	\$ 3.934 – \$ 3.689	\$ 3.934 – \$ 3.689	\$ 3.934 – \$ 3.689
<i>Excess</i>	4,796.808 MW		No Excess Supply	No Excess Supply	295.000 MW	No Excess Supply
Round 6	\$ 3.689 – \$ 3.320		\$ 3.689 – \$ 3.320	\$ 3.689 – \$ 3.320	\$ 3.689 – \$ 3.320	\$ 3.689 – \$ 3.320
<i>Excess</i>	4,779.039 MW		No Excess Supply	No Excess Supply	295.000 MW	No Excess Supply
Round 7	\$ 3.320 – \$ 2.951		\$ 3.320 – \$ 2.951	\$ 3.320 – \$ 2.951	\$ 3.320 – \$ 2.951	\$ 3.320 – \$ 2.951
<i>Excess</i>	4,619.754 MW		No Excess Supply	No Excess Supply	295.000 MW	No Excess Supply

### 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

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## Section 2:

### Capacity Supply Obligation Details –

Capacity Supply Obligation totals for FCA\_2013\_2014 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.

**Table 1**

Commitment Period	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
	Date	MW	MW	MW	MW	MW	Number	MW
6/1/2013	33043.000	916.000	32127.000	37500.996	688.209	0.8718282	2698.898	1992.600

**Table 2**

Capacity Zone Information					Capacity Supply Obligation Details						
Modeled Capacity Zone ID	Modeled Capacity Zone Name	Modeled Capacity Zone Type	Local Sourcing Requirement	Maximum Capacity Limit	Capacity Supply Obligation	RTEG Capacity Supply Obligation	Self-Supply Obligation	Administrative Pricing	Capacity Clearing Price	Payment Rate	RTEG Payment Rate
Number	String	String	MW	MW	MW	MW	MW	String	\$/KW-Month	\$/KW-Mon	\$/KW-Month
8500	Rest-of-Pool	Rest of Pool			33475.839	654.711	2692.700	CCP Collar - Floor	2.951	2.516	2.194
8503	Maine	Export			4025.158	33.498	6.198	CCP Collar - Floor	2.951	2.336	2.036