

The ISO-NE FCA Auction Method and Process

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Power Auctions LLC

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Agenda

- About Power Auctions LLC
- The Mechanics of a Descending Clock Auction
- Special Features of the Forward Capacity Auction (FCA)
- The Auction Process
- Preparation for the FCA
- The Mock Auction
- FCA System Requirements
- Introduction to the FCA System

About Power Auctions LLC

Power Auctions LLC

- Based in Washington, DC (www.powerauction.com)
- A leader in modern auction software, technology and associated intellectual property
- Developer of the PowerAuction™ software platform
- Software platform has been used for some 50 high-stakes auctions in the electricity, natural gas, environmental and telecom sectors
- Implemented the majority of high-stakes clock auctions worldwide
- An outgrowth of the auction design activities of Market Design Inc. (www.marketdesign.com)

Our Electricity Auctions

- Electricité de France (EDF) virtual power plant auctions
 - ◆ 25 quarterly auctions (2001 – present)
- Electrabel (Belgium) virtual power plant auctions
 - ◆ 7 quarterly auctions (2003 – 2005)
- Exelon baseload auctions
 - ◆ In connection with Exelon-PSEG merger (prototyped but never held)
- Endesa/Iberdrola (Spain) virtual power plant auctions
 - ◆ 5 quarterly auctions (June 2007 – June 2008)
- E.ON (Germany) virtual power plant auctions
 - ◆ First auction in September 2007

Auctions in Other Sectors

■ Natural Gas

- ◆ E.ON Ruhrgas (Germany) gas release auctions (2003 –)
- ◆ Gaz de France gas release auction (2004)
- ◆ Total (France) gas release auction (2004)
- ◆ Gaz de France gas storage auction (2006)
- ◆ E.ON Földgáz Trading (Hungary) auctions (2006 –)
- ◆ DONG Energy (Denmark) gas release auctions (2006 –)

■ Other

- ◆ UK greenhouse gas emission reductions auction (Mar 2002)
- ◆ Assistance in design of US FCC spectrum auctions (ongoing)
- ◆ Trinidad and Tobago spectrum auction (June 2005)
- ◆ Federal Aviation Administration airport slot auction demonstration (Feb 2005)

EDF Virtual Power Plant Auctions (2001–present)

- First high-stakes dynamic clock auction worldwide
- The products are financial contracts intended to replicate the output of EDF's power plants (*virtual* rather than *physical* divestiture)
- Number of products
 - ◆ Two to four groups (baseload, peakload, etc.)
 - ◆ 10 to 20 products (various durations)
- Number of bidders
 - ◆ 35 to 40 bidders
 - ◆ 15 to 20 winners
- Duration
 - ◆ Eight to ten rounds (**one day**)
- €300 million in value transacted in a typical quarterly auction

German Gas Release Programme (E.ON Ruhrgas)

- The product consists of contracts for delivery of natural gas
- Single product
- Number of bidders
 - ◆ 28 bidders
 - ◆ 7 winners
- Duration
 - ◆ Seven rounds (**one day**)
- Reserve price (binding in early years)
- In excess of \$1 billion in value transacted in a single annual auction

UK Emissions Trading Scheme Auction (2002)

- World's first auction for greenhouse gas emission reductions: operated for DEFRA (UK Government)
- Single product: tons of carbon equivalent
- Dynamic (descending) auction for procurement of reductions
- Number of bidders
 - ◆ About 40 bidders
 - ◆ Most were winners
- £215 million in incentive payments transacted in a single auction

Intellectual Property

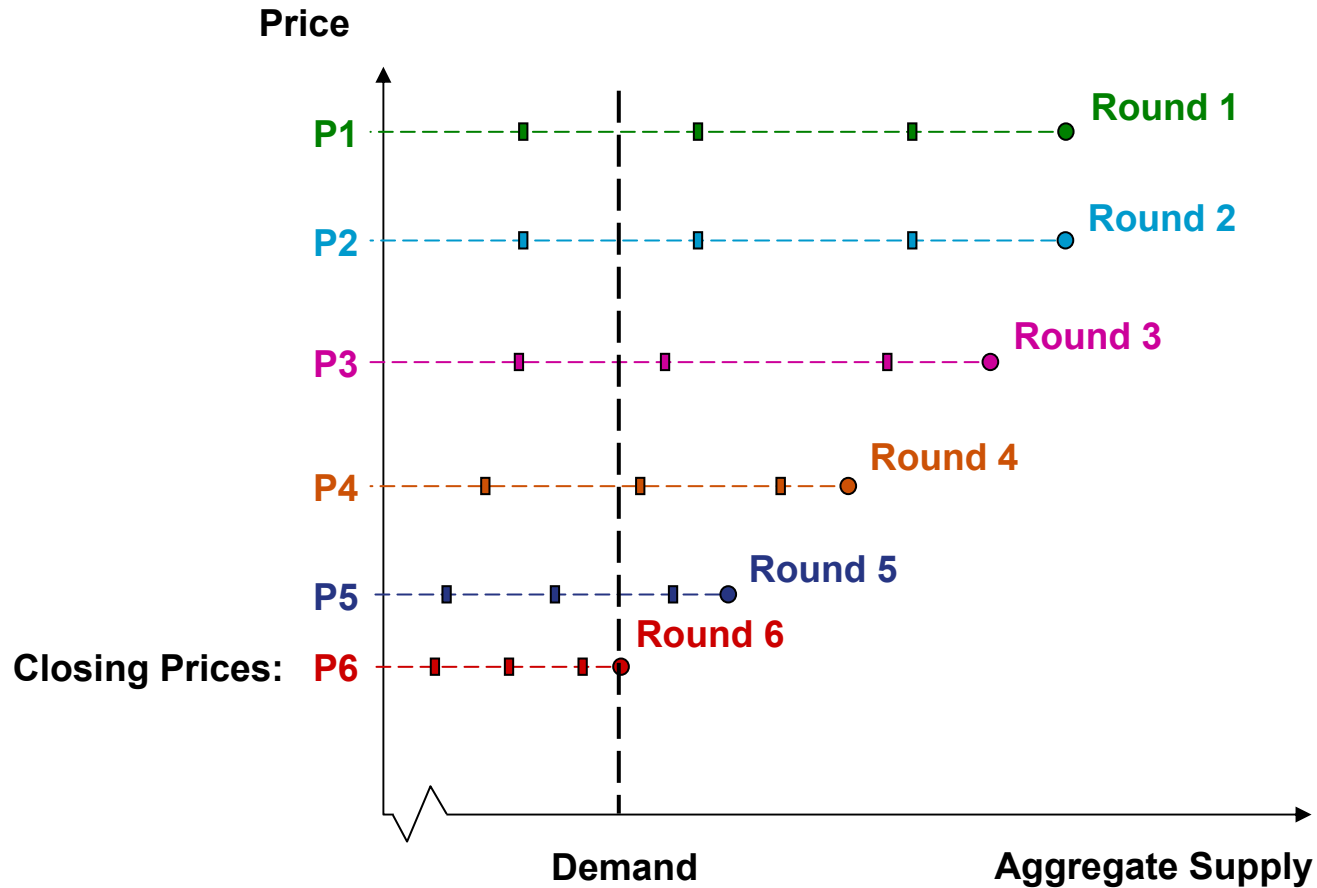
- “Computer Implemented Methods and Apparatus for Auctions,” U.S. Patent Number 5,905,975, issued 18 May 1999
- “Computer Implemented Methods and Apparatus for Auctions,” U.S. Patent Number 6,021,398, issued 1 February 2000
- “System and Method for an Efficient Dynamic Auction for Multiple Objects,” U.S. Patent Number 6,026,383, issued 15 February 2000
- “System and Method for an Efficient Dynamic Multi-Unit Auction,” U.S. Patent Number 7,062,461, issued 13 June 2006
- “System and Method for an Efficient Dynamic Multi-Unit Auction,” U.S. Patent Number 7,165,046, issued 16 January 2007
- “Computer Implemented Methods and Apparatus for Auctions,” U.S. Patent Number 7,249,027, issued 24 July 2007
- “System and Method for an Auction of Multiple Types of Items,” International Application No. US02/16937 in the U.S. Receiving Office under the Patent Cooperation Treaty, filed 31 May 2002

The Mechanics of a Descending Clock Auction

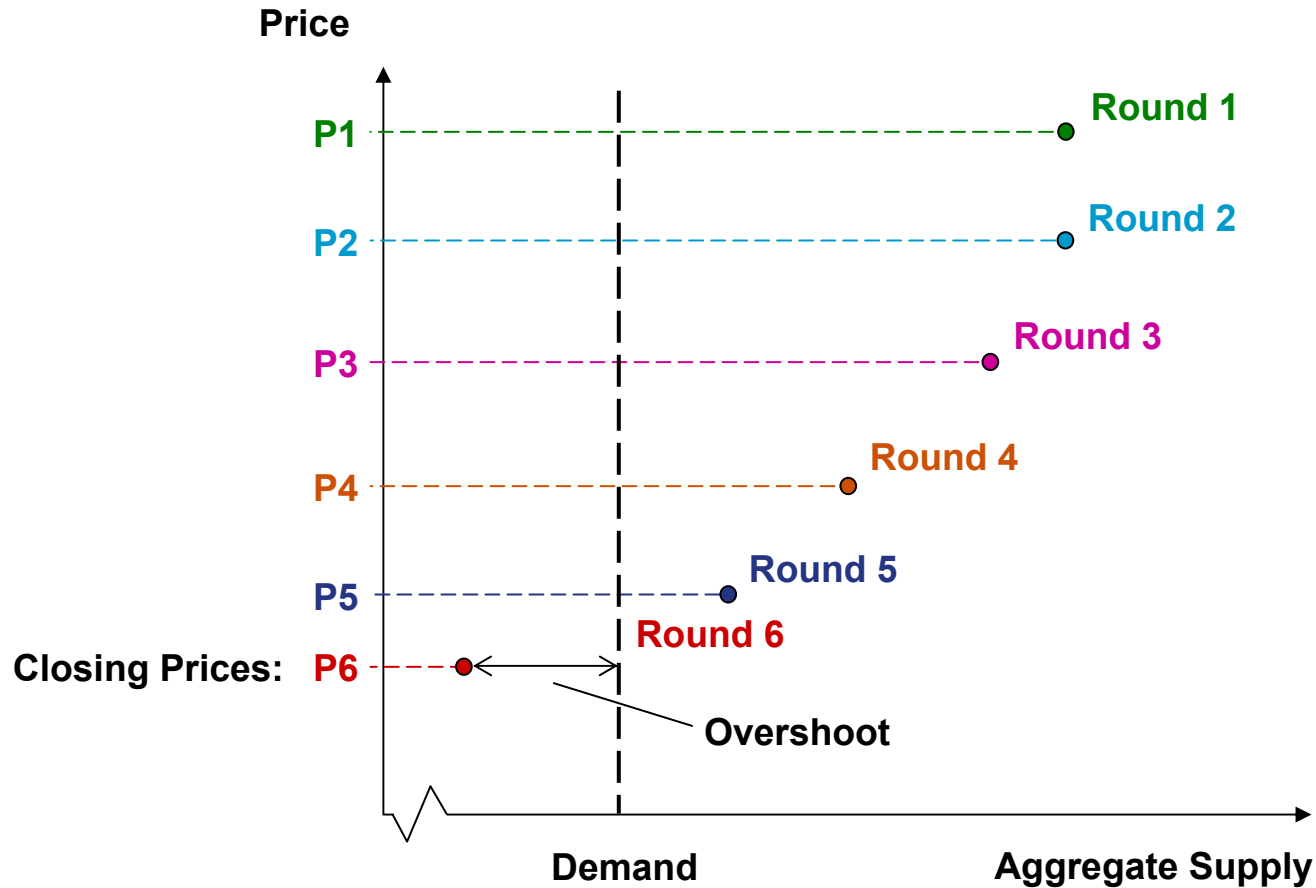
Key Features of a Descending Clock Auction

- Dynamic rather than static
 - ◆ Bidders receive feedback at the end of each round and can see how aggregate supply responds to decreasing prices
- Discrete auction rounds
 - ◆ Time to adjust bidding strategy as auction progresses
- Simple activity rule
 - ◆ Bidders cannot increase supply in response to decreasing prices
- Closing rule
 - ◆ Auction closes when supply no longer exceeds demand
- Uniform-price rather than pay-as-bid
 - ◆ All successful bidders are paid the same price

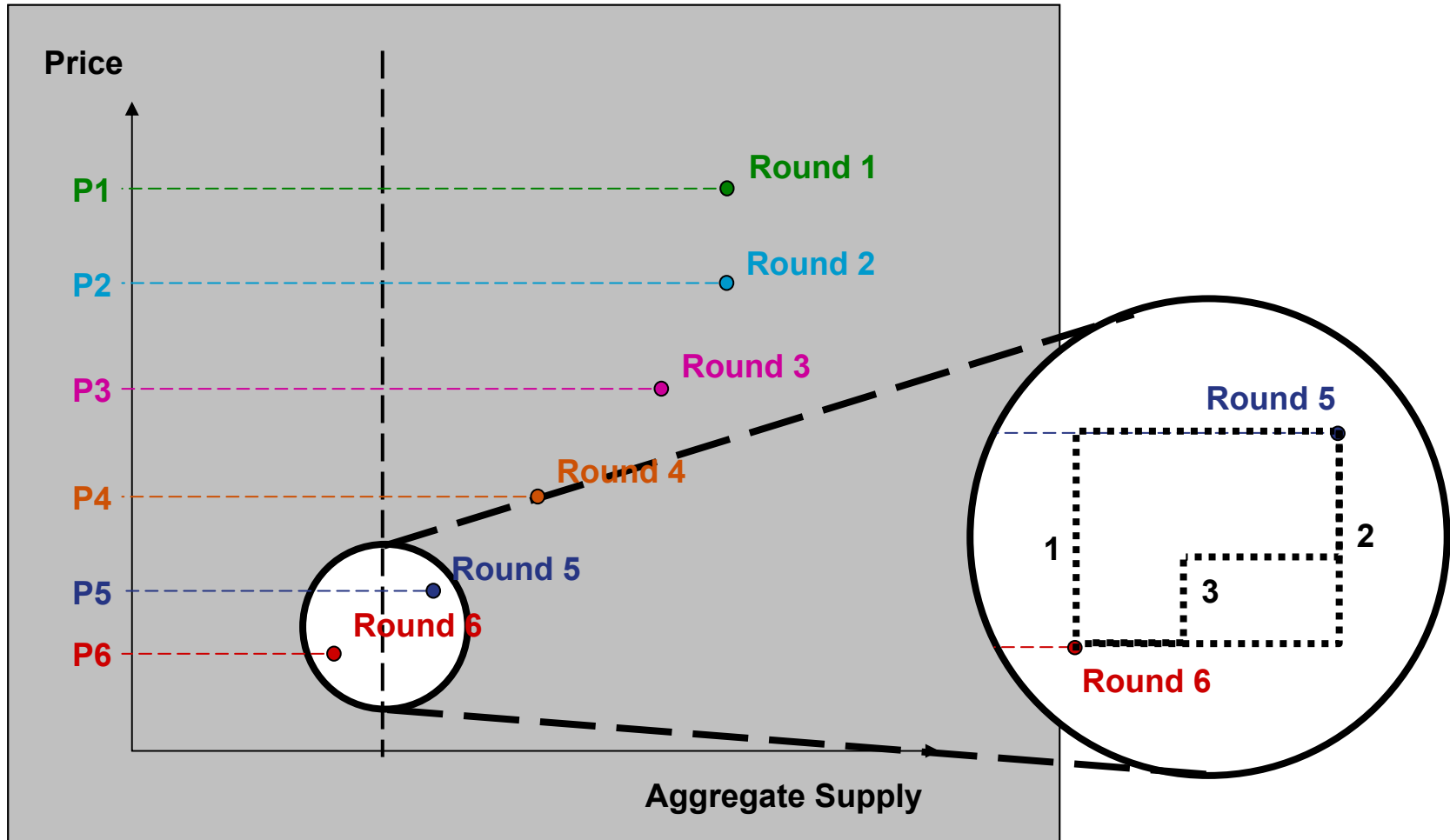
Basic Descending Clock Auction



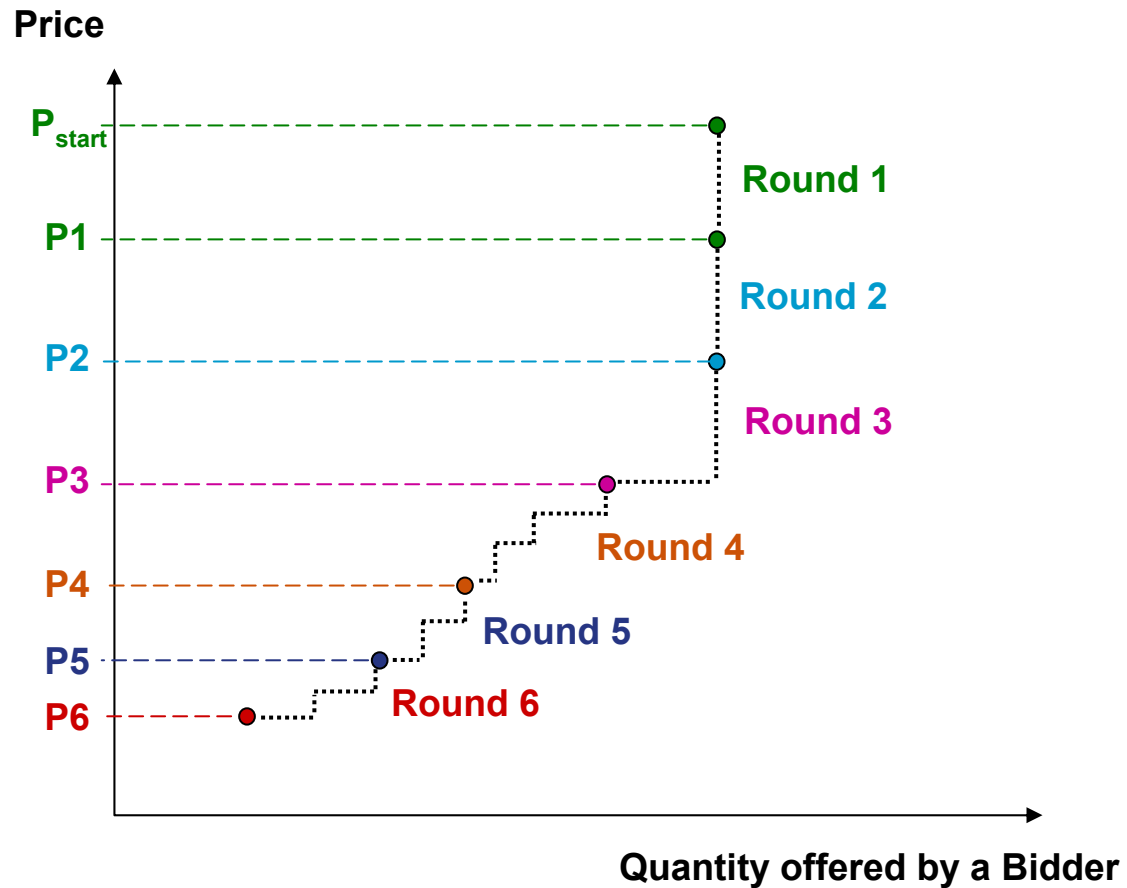
Closing with Overshoot



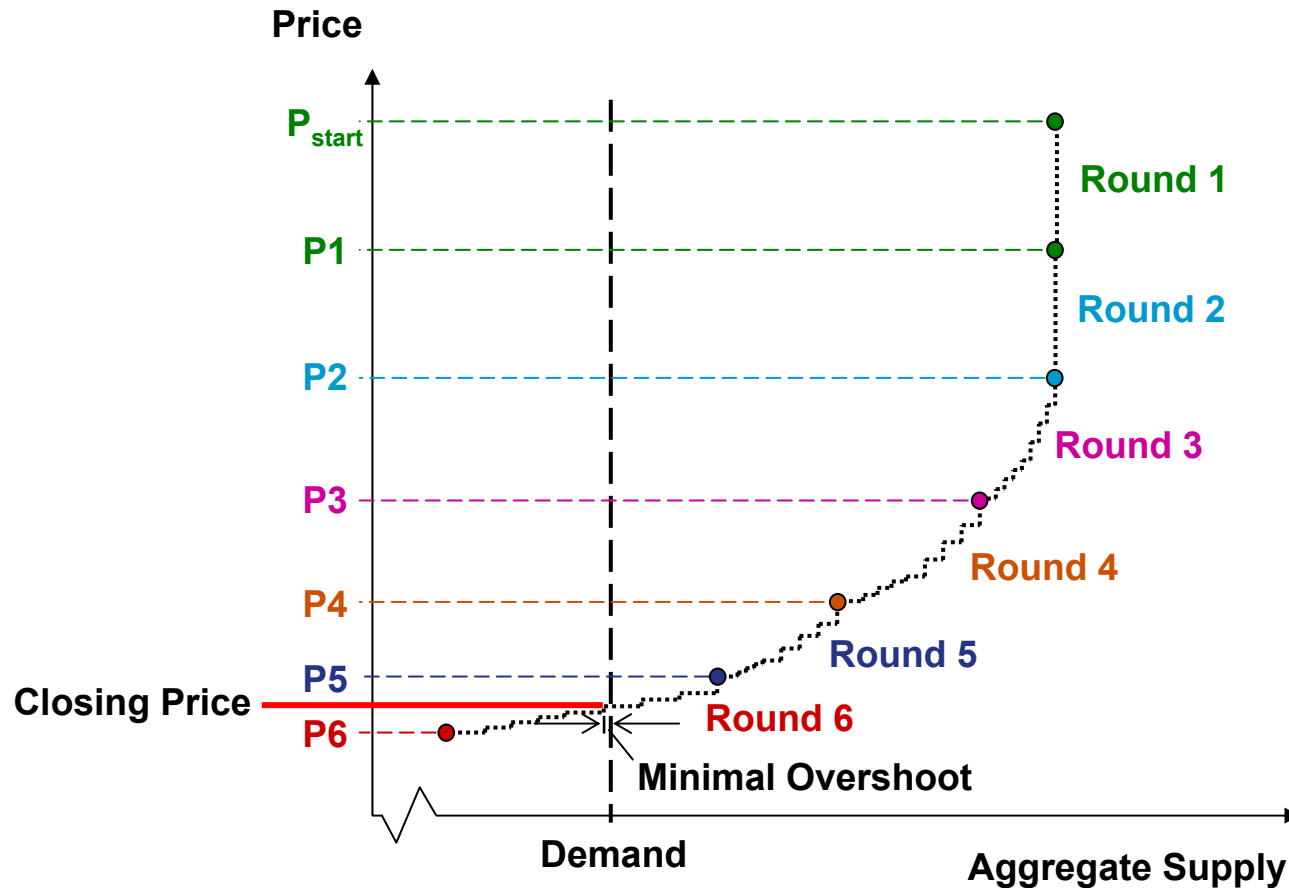
Intra-Round Bidding



Intra-Round Bidding – One Bidder

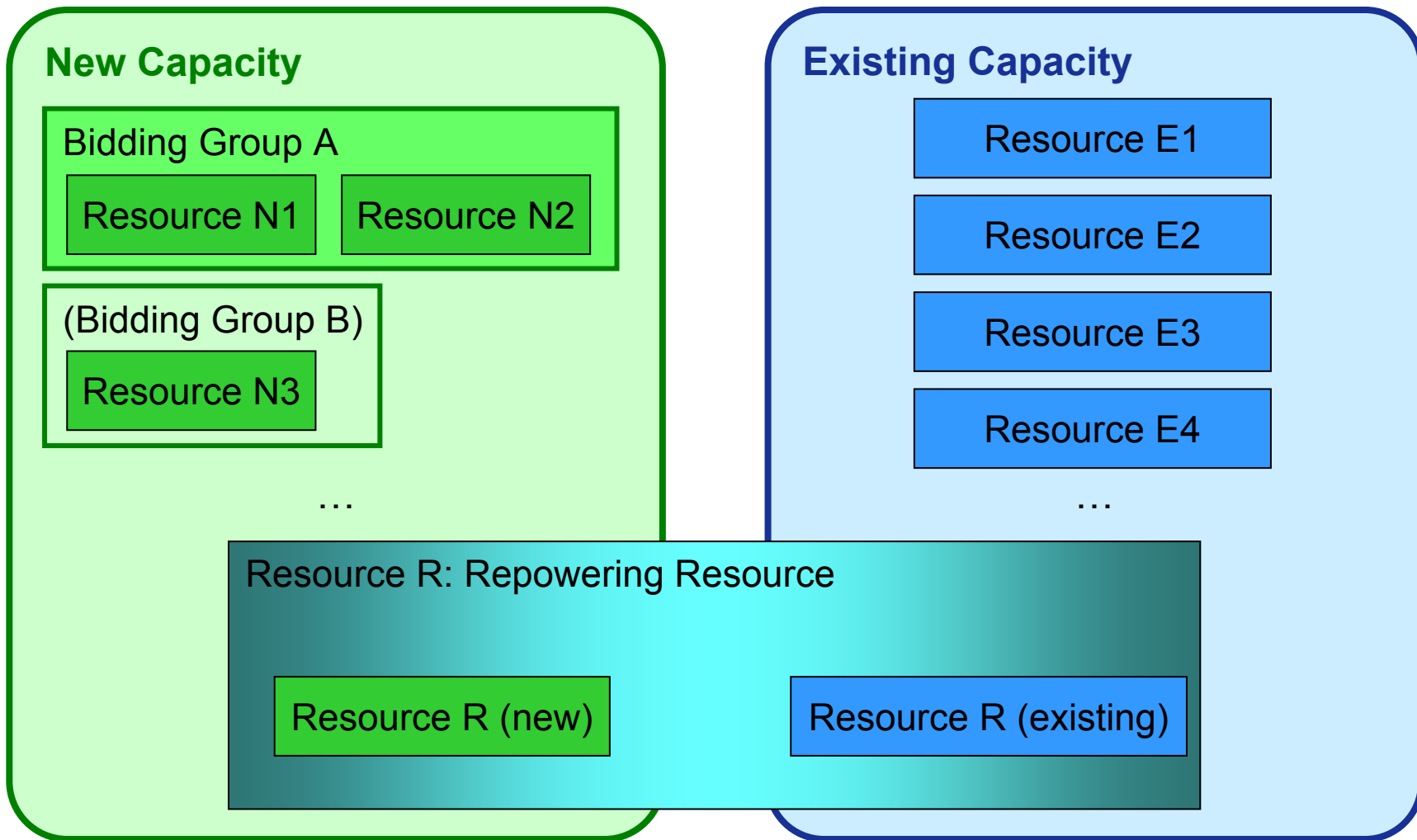


Aggregate Demand with Intra-Round Bidding



Special Features of the FCA

FCA Auction Methodology – Resources



FCA Auction Methodology – Resources

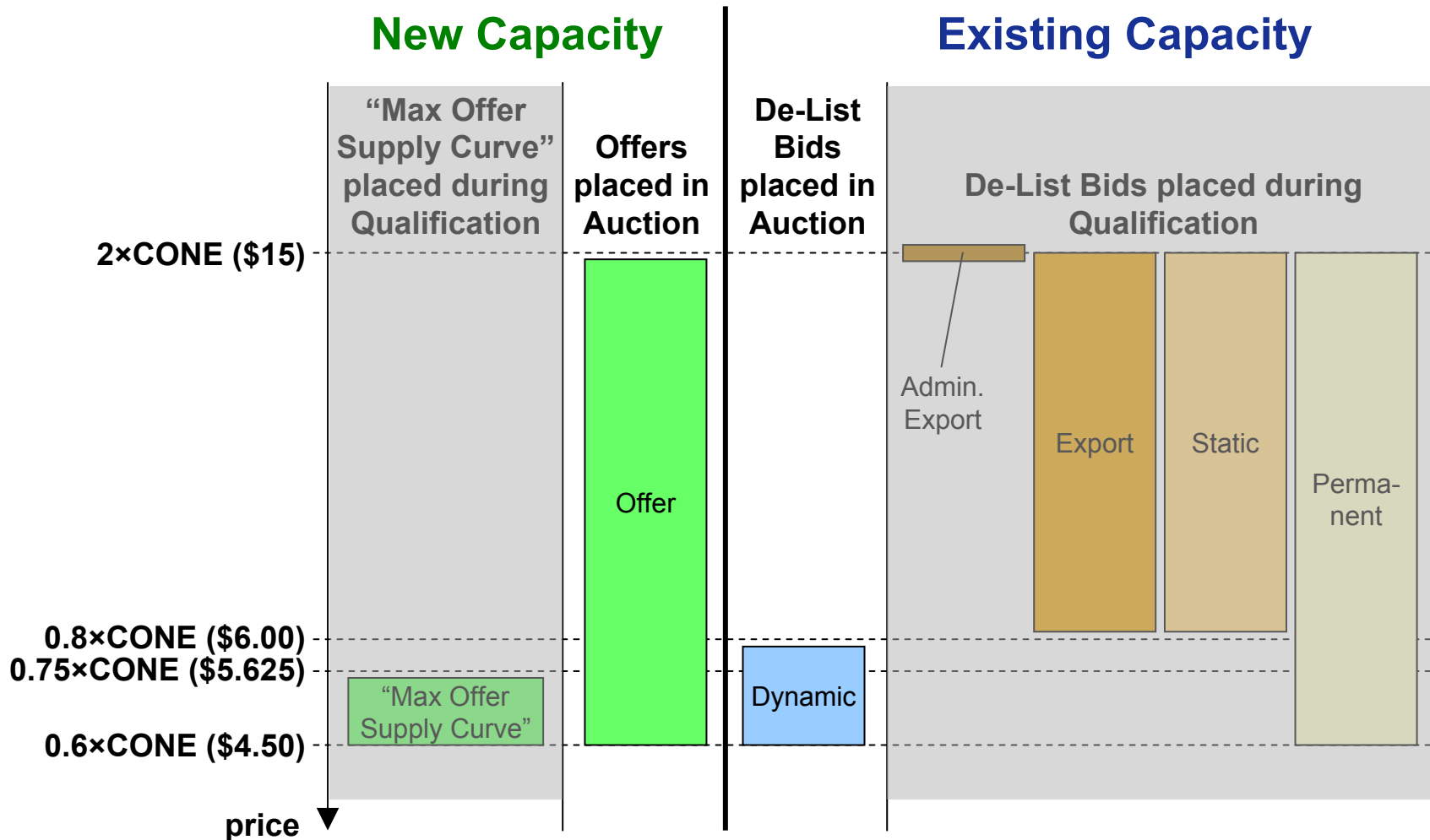
New Capacity

- Offers are submitted at the **Bidding Group** level
- If a Resource is grouped by itself (i.e., a “Bidding Group of 1”), then its supply cannot be increased as the price decreases
- If 2 or more Resources are grouped together in a Bidding Group, then the **sum** of their supplies cannot be increased as the price decreases
 - ◆ Thus, a Bidder can **switch** quantity among the Resources within a Bidding Group, subject to this constraint

Existing Capacity

- Each Resource is grouped by itself
- Supply cannot be increased as the price decreases
- Permanent, Static, Export and Administrative Export De-List Bids could only be submitted at the time of qualification
- Dynamic De-List Bids can be submitted during the auction

FCA Auction Methodology – Offers / De-List Bids



FCA Auction Methodology – Offers / De-List Bids

New Capacity

- An Offer for each Bidding Group *must* be submitted in every Round
- Exceptions: You do not need to place an Offer only if:
 - ◆ The relevant Capacity Zone or External Interface is closed; or
 - ◆ You offered the Self-Supply quantity for all Resources in the Bidding Group in a previous Round;
- Failure to place an Offer will result in withdrawal of the respective Resources from the Auction (except for Self-Supply, if any)
- The system will highlight any Bidding Groups lacking Offers

Existing Capacity

- You do *not* need to place Dynamic De-List Bids for Existing Capacity in a Round
- If no Dynamic De-Lists Bids are placed, the system will assume you wanted to maintain the quantity specified in the previous Round (or your Qualified Quantity)

Special Treatment of New Capacity at $0.75 \times \text{CONE}$

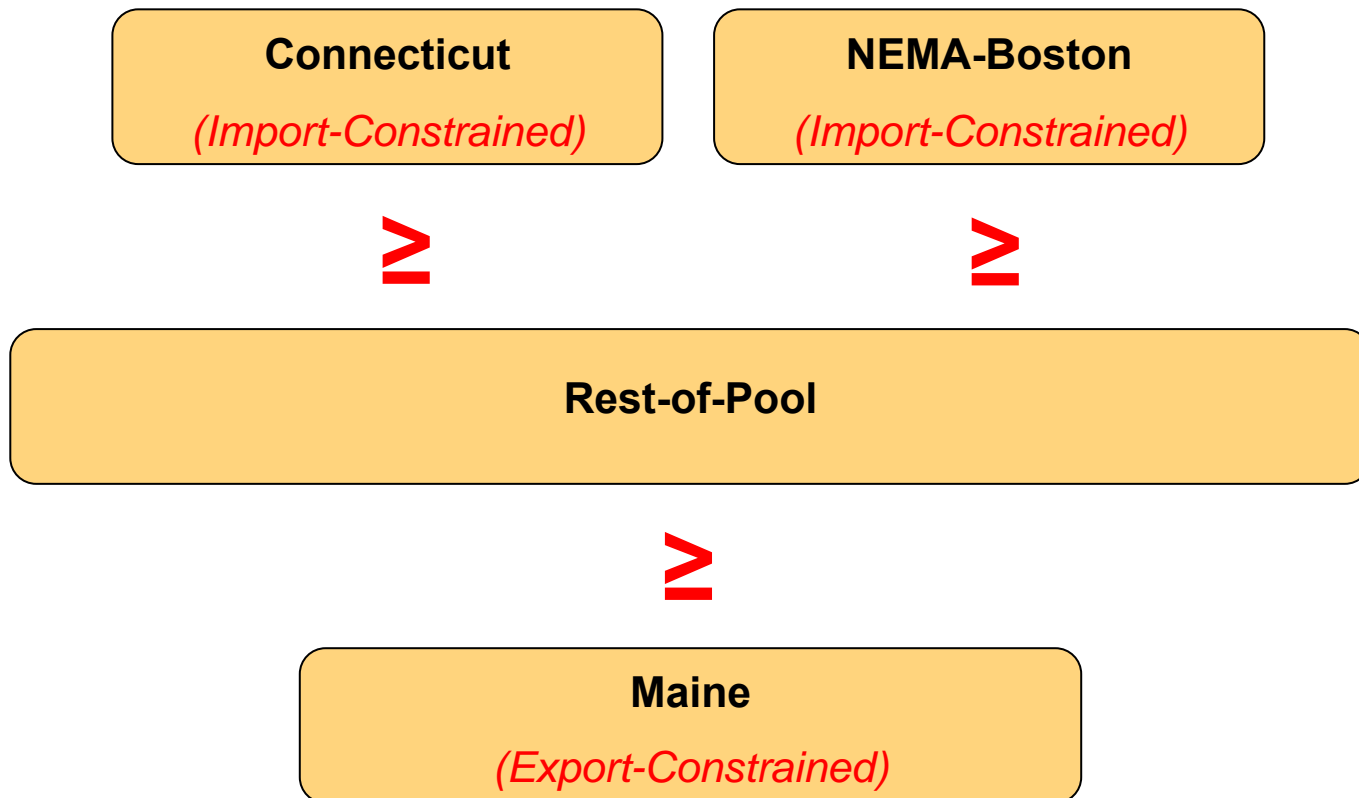
New Capacity

- In order to be able to submit Offers for a New Capacity Resource at prices below $0.75 \times \text{CONE}$, Bidders were required to specify maximum quantities as part of their qualification (“Maximum Offer Supply Curve”)
- These quantities set a maximum amount that may be offered in the auction at prices below $0.75 \times \text{CONE}$
- If no Maximum Offer Supply Curve was specified for a New Capacity Resource, the quantity offered at prices below $0.75 \times \text{CONE}$ reverts to zero (or Self-Supply quantity, if any)

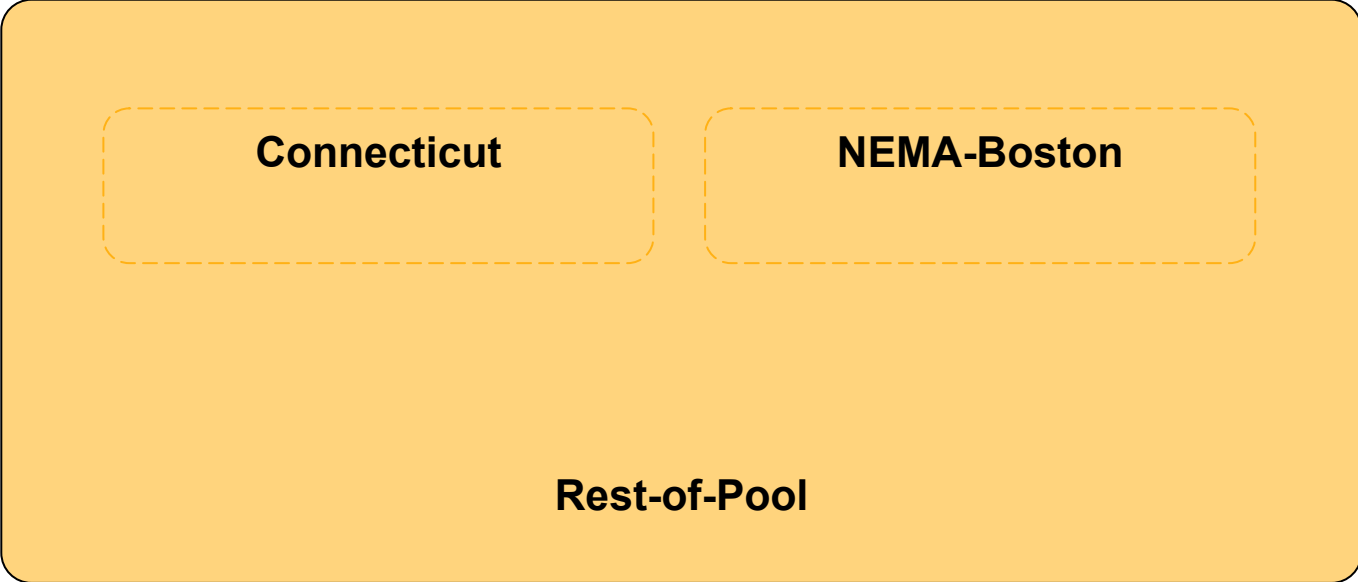
Existing Capacity

- No special conditions at prices below $0.75 \times \text{CONE}$ for Existing Capacity Resources

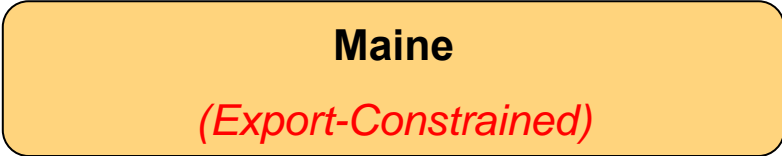
Original Capacity Zone Configuration



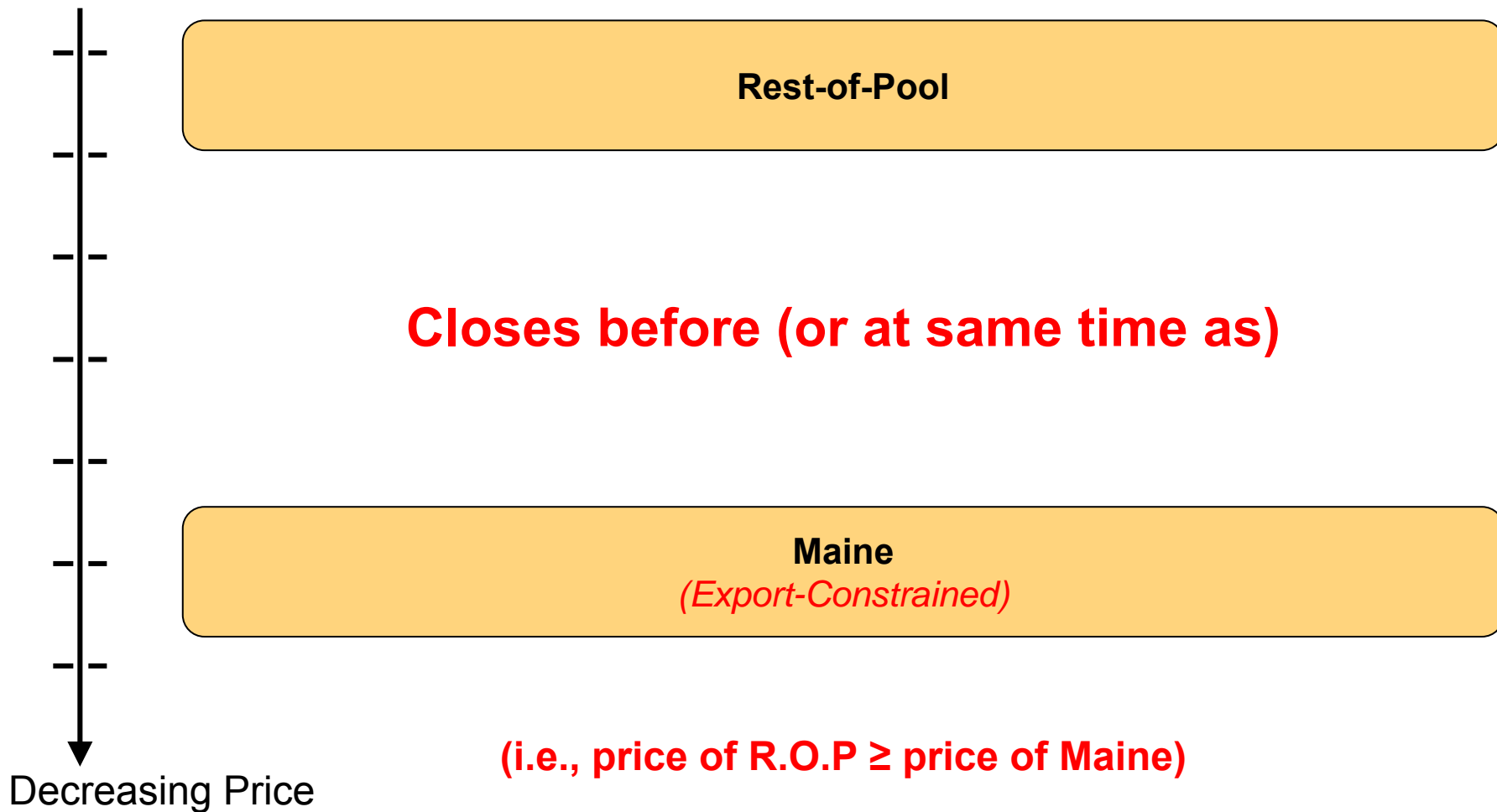
New Capacity Zone Configuration



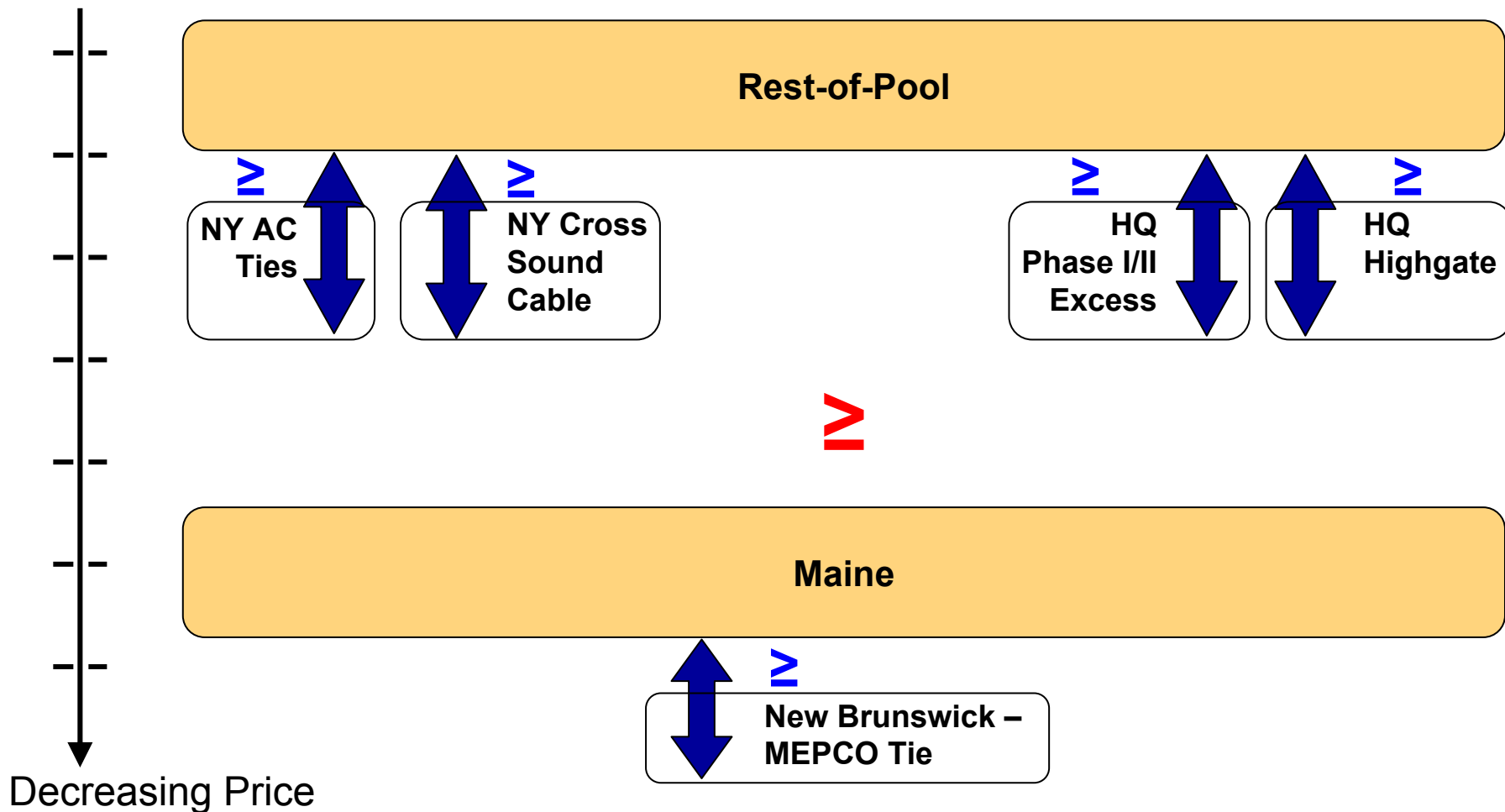
≥



Capacity Zones: Nested Clearing Conditions



Interfaces: Nested Clearing Conditions

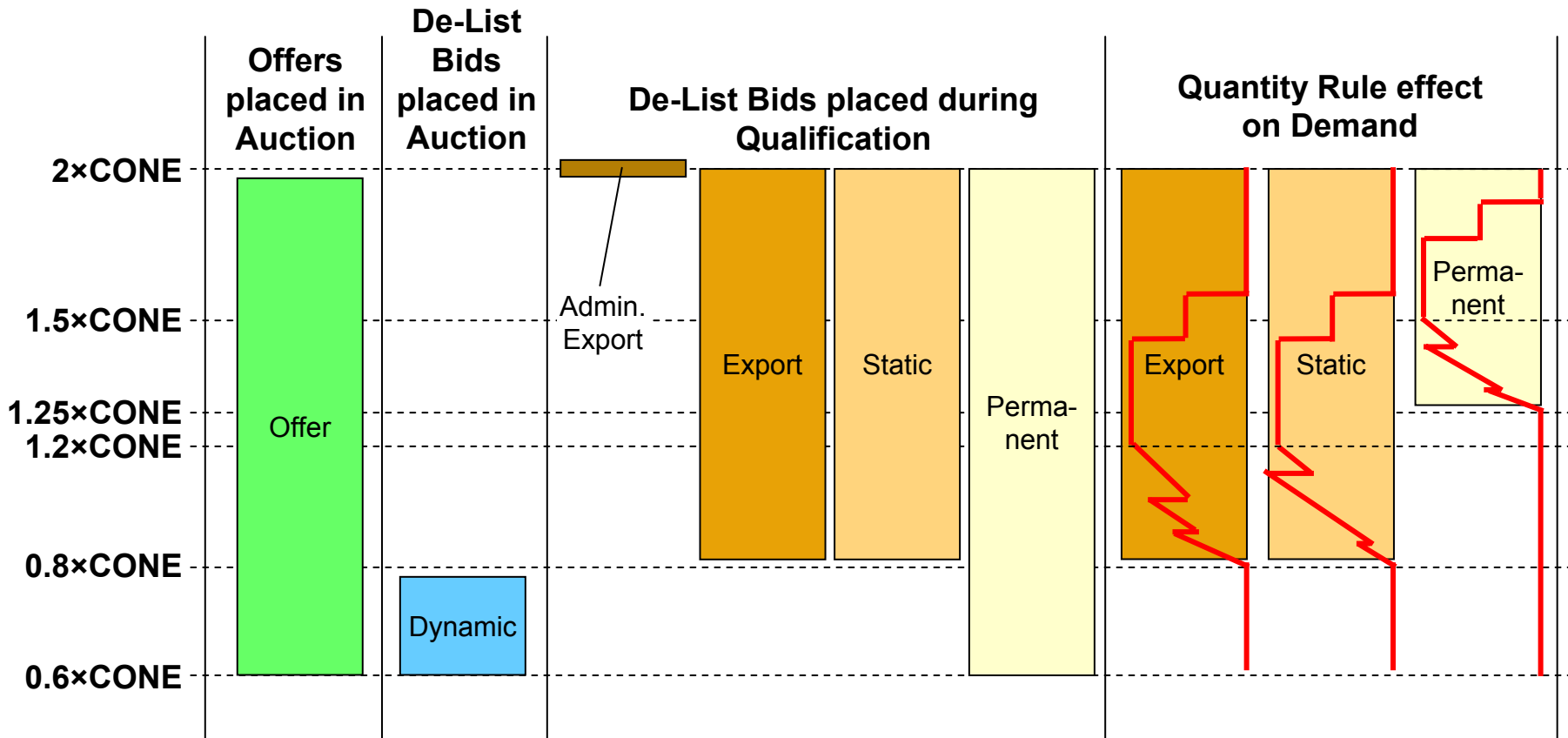


FCA Auction Methodology – Quantity Rule

- “Quantity Rule”: Provisions in the MR for replacement of de-listed capacity
- Defers the procurement of capacity de-listed in the auction until a sufficiently low price is reached; and then phases in the procurement
- Relevant only to De-List Bids placed during qualification (Permanent, Static and Export De-List Bids, only)

	Range of Prices	Type of De-List Bid		
		Export	Static	Permanent
(1) Decreases in supply are offset by identical decreases in demand (procurement deferred)	From	2 × CONE	2 × CONE	2 × CONE
	To	1.2 × CONE	1.2 × CONE	1.5 × CONE
(2) Procurement is phased in; no deferral occurs below the bottom of this range	From	1.2 × CONE	1.2 × CONE	1.5 × CONE
	To	0.8 × CONE	0.8 × CONE	1.25 × CONE

Impact of Quantity Rule on Demand



Capacity Clearing Price Collar

- Until three Forward Capacity Auctions have been successfully completed, a Capacity Clearing “Price Collar” will apply
- The price in any Capacity Zone is not permitted to go below a floor price of $0.6 \times \text{CONE}$
- The same constraint applies to all External Interfaces
- In addition, a ceiling of $1.4 \times \text{CONE}$ will apply to prices in the same auctions, but this shall not affect the running of the auctions — it affects only the post-auction process

Capacity Zone Closure and $0.6 \times \text{CONE}$

Supply \leq Demand at $0.6 \times \text{CONE}$ (or above)

- Capacity Zone closes in the Round when supply drops below demand
- The results are inputted into a combinatorial clearing algorithm that respects the “lumpiness” of Offers (i.e., if a Resource has not elected that it may be rationed, then its Offers will only be accepted or rejected in whole)

- Bidders are informed of the final Capacity Clearing Price and Capacity Supply Obligation Quantity for each Resource

Supply $>$ Demand at $0.6 \times \text{CONE}$

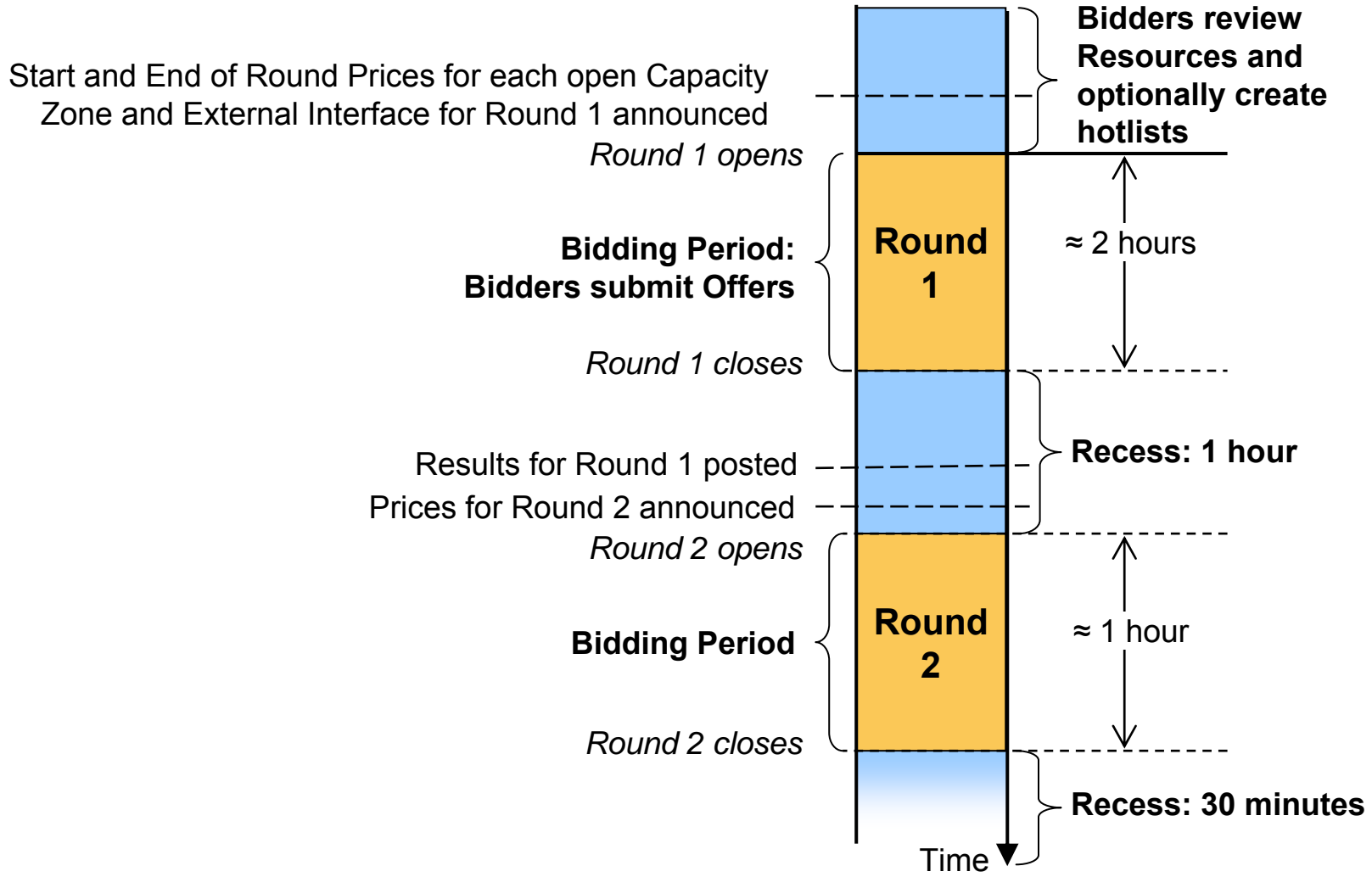
- Auction closes at $0.6 \times \text{CONE}$ even though excess supply remains positive in the Capacity Zone or Ext. Interface

- *When the Auction has closed* -

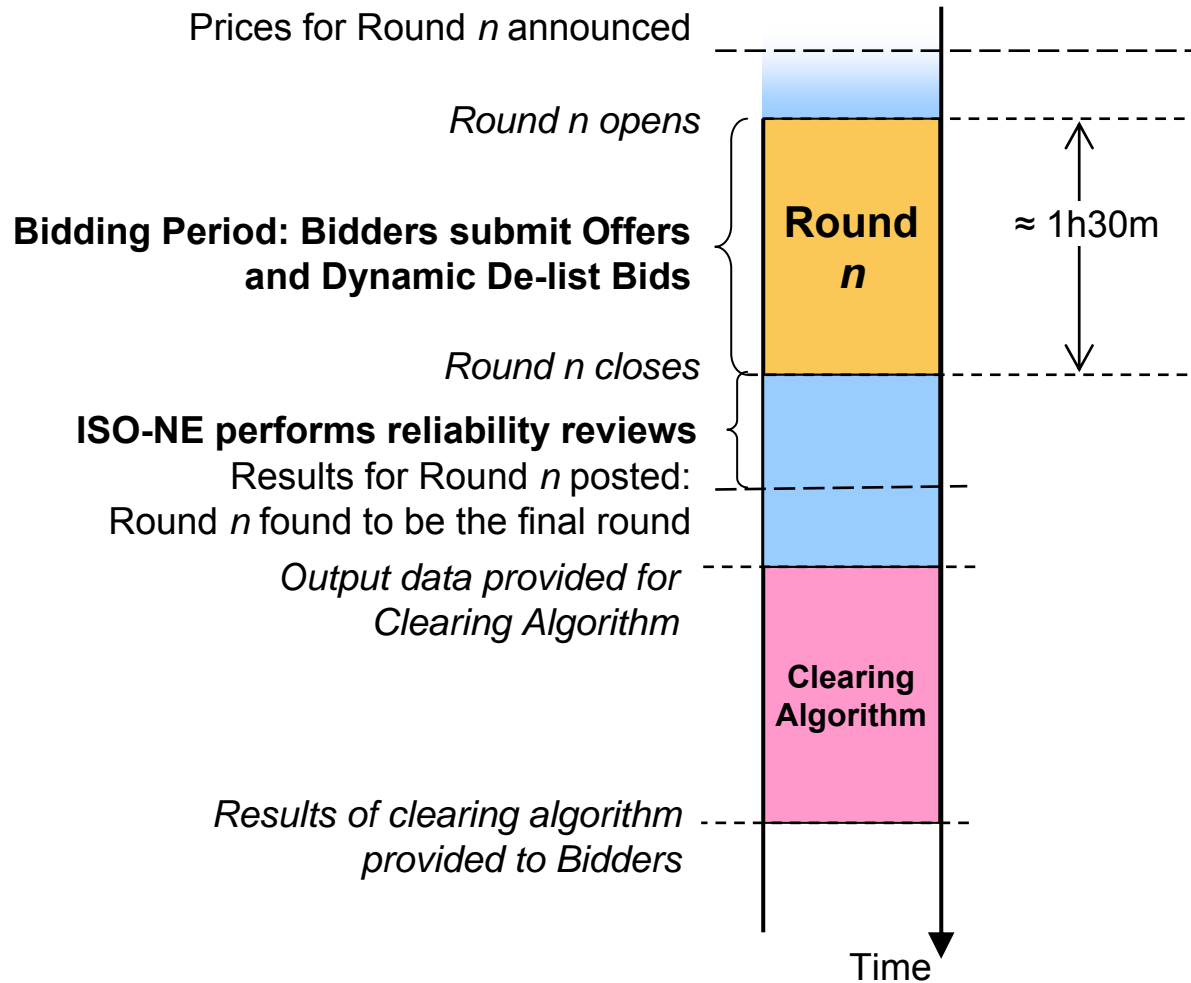
- The Effective Payment rate is prorated among winners so that total cost does not exceed ICR times $0.6 \times \text{CONE}$
- Bidders are given the choice (after auction closing) between prorating their Effective Payment rate or prorating their Capacity Supply Obligation Quantities

The Auction Process

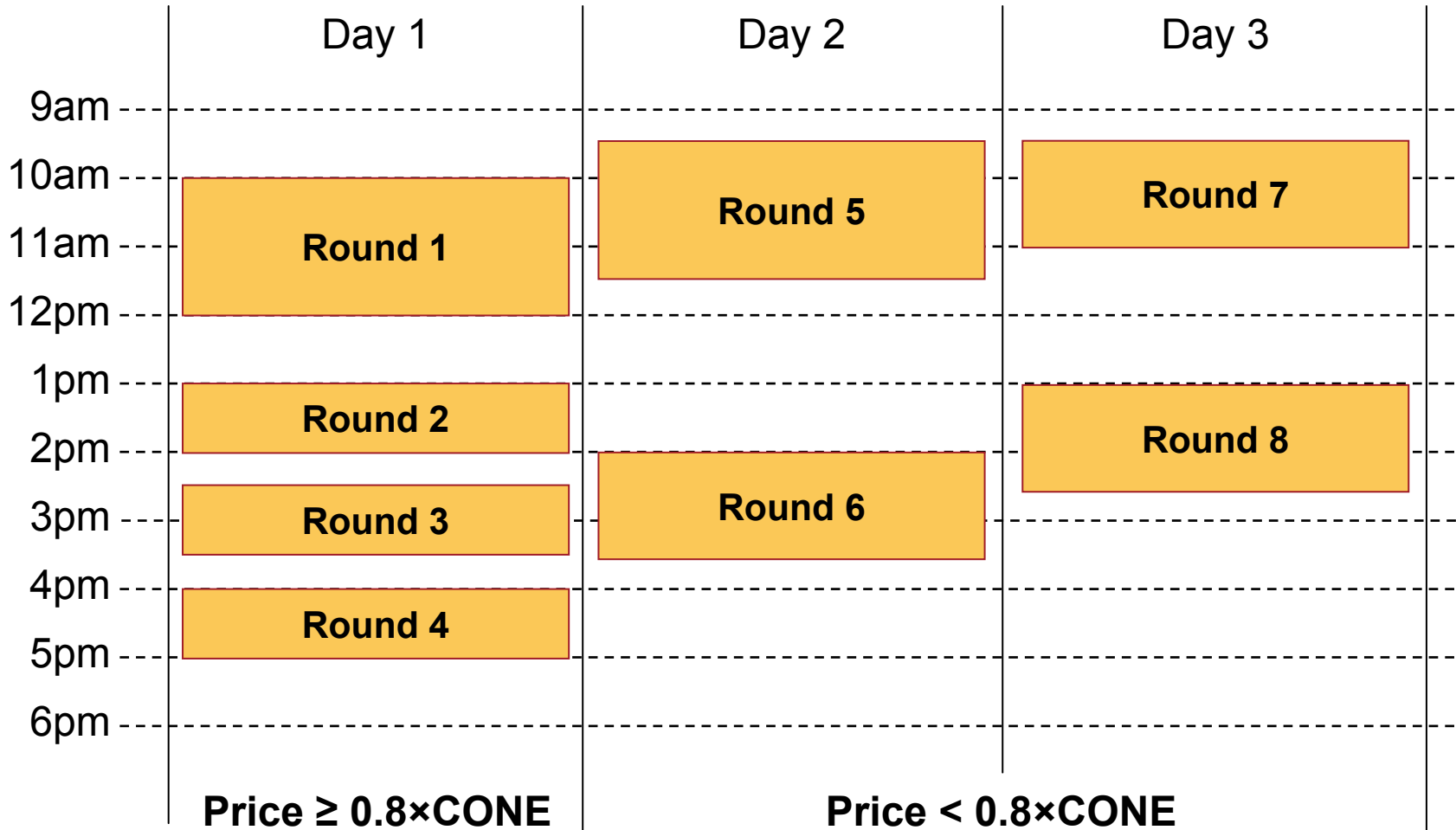
Process during the Auction: Price $\geq 0.8 \times \text{CONE}$



Process during the Auction: Price $< 0.8 \times \text{CONE}$



Live Auction – Indicative Schedule



Supporting Teams during the Auction

Auction Manager:

- Post results
- Announce prices provided by Price-Setters
- Answer Bidders' queries that cannot be answered by Customer Support

Customer Support:

- Support Bidders: answer queries
- Submit Offers / De-List Bids on behalf of Bidders who have access problems (if authorized)

ISO-NE Reliability Review team:

- Reviews and accepts/rejects Dynamic De-List Bids

Price-Setting team:

- Determine prices for next round

Preparation for the FCA

Preparation for the FCA

- Authorized Individuals:
 - ◆ Name up to three Authorized Individuals who can submit Offers / De-List Bids on behalf of your company
 - ◆ Need to ensure that your Authorized Individuals have client certificates

- Auction User Guide
 - ◆ Sent to all Bidders
 - ◆ Full user guide of how to use the auction system to participate in the auction

Preparation for the FCA

- Training Sessions (choice of four dates)
 - ◆ Training session for Bidders at a central location
 - ◆ Bidders can place Offers/De-List Bids and perform other actions on the auction software
 - ◆ ISO-NE on-site to support
- Mock Auctions
 - ◆ Bidders participate from their own offices
 - ◆ Take part in a simulated auction following similar process to live auction
 - ◆ ISO-NE provide telephone support
 - ◆ 2 mock auctions planned – Bidders encouraged to participate in both
 - ◆ Each mock auction will last one day

Preparation for the FCA (dates are tentative)

10/17	Bidder's Conference
1 st half Nov.	Receive preliminary version of Auction User Guide
11/15	1 st Training Session
11/27	2 nd Training Session
11/28	3 rd Training Session
Early Dec.	Deadline for nomination of Authorized Individuals
12/12	4 th Training Session
12/17	1 st Mock Auction

2008	1/15 2 nd Mock Auction
	2/4 AUCTION

The Mock Auction

Mock Auction – Objectives

- “Dress rehearsal”
- Bidders can place Offers and De-List Bids without any real money at risk or any commitments being made
- Supports Bidder understanding of auction process
- Supports Bidder understanding of how to use the auction system
- Builds communication lines between Auction Manager and Bidders
- Tests backup procedures
- ISO-NE can use mock auction to test internal procedures
- Opportunity for Bidders to check that they are able to access the auction system from their own offices / computer configurations

Mock Auction

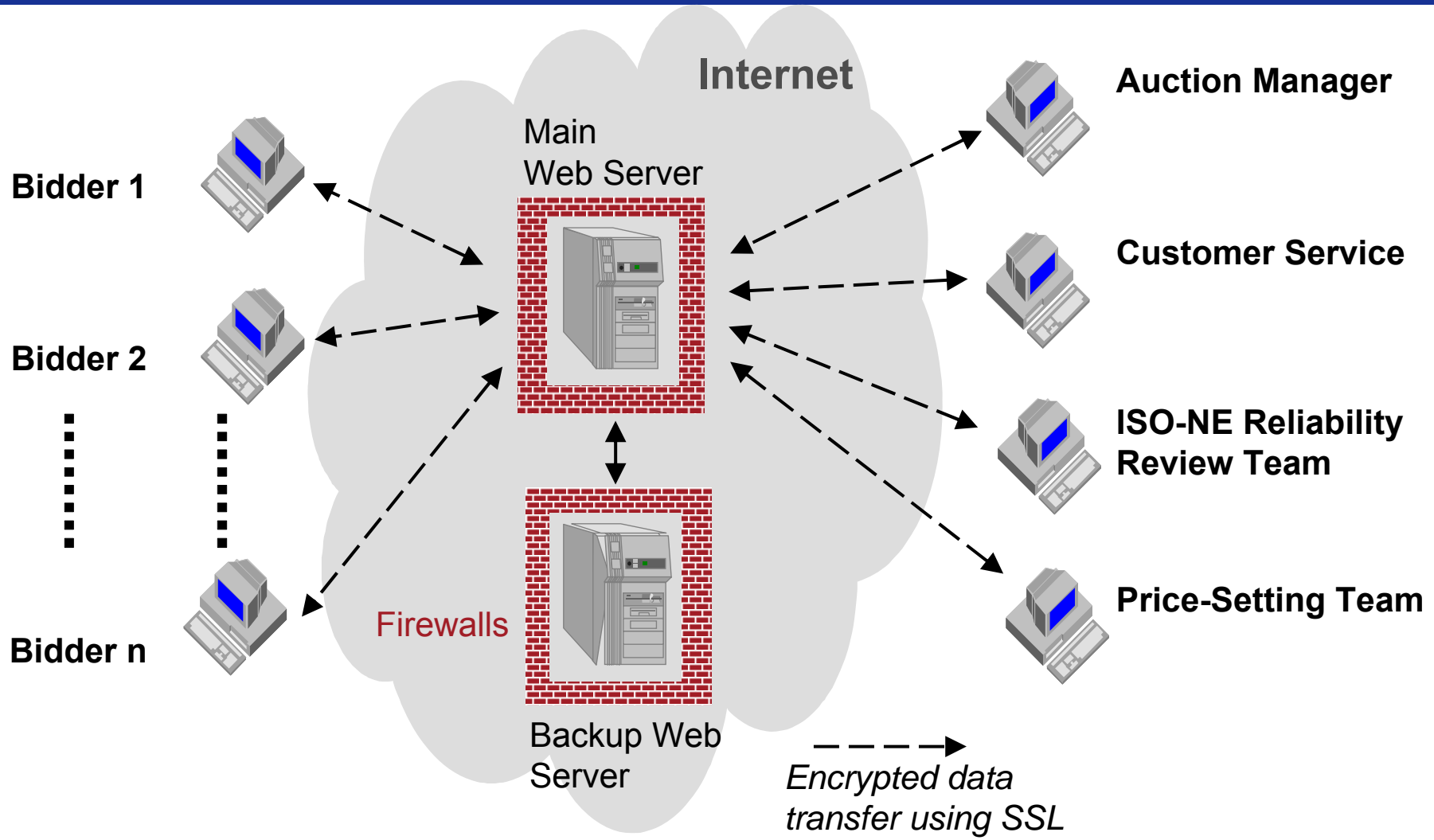
9:00	Conference call before system is brought on-line
9:30	Before Auction: Review resources and optionally create hotlists
10:30	Round 1: Offers for: $2 \times \text{CONE}$ (\$15) – $1.33 \times \text{CONE}$ (\$10)
11:30	Results posted for Round 1
12:00	Round 2: Offers for: $1.33 \times \text{CONE}$ (\$10) – $0.8 \times \text{CONE}$ (\$6)
12:30	Results posted for Round 2
1:00	Round 3: De-list Bids & Offers for: $0.8 \times \text{CONE}$ (\$6) – $0.75 \times \text{CONE}$ (\$5.625)
2:00	Results posted for Round 3
3:00	Round 4: De-list Bids & Offers for: $0.75 \times \text{CONE}$ (\$5.625) – $0.6 \times \text{CONE}$ (\$4.5)
3:30	Results posted for Round 4
4:30	Closing Conference call
5:30	
time	

Mock Auction

- Bidders are strongly encouraged to participate in mock auction
- ISO-NE may be contacted during the auction to support Bidders
- Further details will be provided closer to mock auction date

FCA System Requirements

Auction Arrangements



FCA System Requirements

- Intel Pentium (or equivalent) with processor speed of 1.2 GHz or faster
- Windows XP, Windows Vista or Windows 2000 operating system
- 1024 × 768 screen resolution or higher
- Internet Explorer 7, Internet Explorer 6 or Mozilla Firefox 2.0 web browser
- Bidder certificate from Geotrust that is valid through dates of first FCA
- Access to the internet
- We also recommend you have the mechanisms in place to use the backup procedures provided, in case your primary means of connection fails

Introduction to the FCA System

(All names, values and data in the following screenshots are for illustrative purposes only; any resemblance to real or fictional persons or resources is purely coincidental)



ISO New England Forward Capacity Auction - 2010/2011

Welcome to the Auction System for the
ISO-NE Forward Capacity Auction - February 2008
for the Capacity Commitment Period : June 1, 2010 - May 31, 2011



[Click here for the login screen.](#)



ISO New England Forward Capacity Auction - 2010/2011

Auction Clock: 9 October 2007, 9:59:59 am ET

Logout [X]

Dr Joseph Smith of AAA Electric & Gas is logged in.
The Auction will start at 10:30:00 am ET

- My Resources
- Current Offers
- Generate Confirmation
- Round Results
- Auction Schedule
- Messages
- Downloads

Auction Schedule

[\[View Printable Format\]](#)

Round	Status	Start	End	Maine	Rest-of-Pool
				New Brunswick - MEPCO Tie	NY Cross Sound Cable Ny AC Ties HQ Phase III Excess HQ Highgate
Round 1	Next	10:30:00 am	11:30:00 am	\$ 15,000 – \$ 10,000	\$ 15,000 – \$ 10,000
<i>Recess</i>		11:30:00 am	12:00:00 pm		
Round 2	Future	12:00:00 pm	12:30:00 pm		
<i>Recess</i>		12:30:00 pm	1:00:00 pm		
Round 3	Future	1:00:00 pm	2:00:00 pm		

Viewing Resource Information

Dr Joseph Smith of AAA Electric & Gas is logged in.
Round 1 started at 11:10:00 am and will end at 12:00 noon ET

- My Resources**
- Current Offers
- Generate Confirmation
- Round Results
- Auction Schedule
- Messages
- Downloads

Resource Information Summary

Maine

Rest-of-Pool

Filter:

Existing Capacity in Maine

Resource	Type	Interface	# De-List Bid Segs	Repowering	Qualified Qty	EcoMin
1122001 : Brown CC #2	Generating			No	25.000 MW	20.000 MW
1122002 : Brown Power 1-4	Generating		1 Permanent	No	400.000 MW	100.000 MW
1122005 : Chippewa Municipal...Station	Generating			No	350.000 MW	100.000 MW
1123001 : Midstate	Generating			Yes	200.000 MW	25.767 MW
1121001 : Baker Science Center	Demand			No	0.750 MW	0.000 MW
1121003 : Pump Station #5	Demand			No	9.876 MW	0.000 MW
1121002 : The Historical Society	Demand			No	0.199 MW	0.000 MW
1115001 : New Brunswick - Project A	Import	New Brunswick - MEPCO Tie		No	300.000 MW	20.000 MW

New Capacity in Maine

Bidding Group	Resource	Type	Interface	Offers Qualified < .75 X CONE	Repowering	Qualified Qty	EcoMin
Brown	1122001 : Brown CC #2	Generating		No	No	10.000 MW	5.000 MW
Brown	1122004 : Brown CC 5 and 6	Generating		Yes	No	200.000 MW	75.000 MW
Brown	1122003 : Clean Wind	Generating		Yes	No	300.000 MW	100.000 MW
Midstate	1123001 : Midstate	Generating		Yes	Yes	300.000 MW	0.000 MW
Maine Demand	1121005 : City Hall	Demand		Yes	No	2.549 MW	0.000 MW
Maine Demand	1121004 : Main Street Annex	Demand		Yes	No	4.567 MW	0.000 MW
New Brunswick - Project B	1115002 : New Brunswick - Project B	Import	New Brunswick - MEPCO Tie	Yes	No	200.000 MW	20.000 MW

Note:

- Repowering refers to a Resource in which the Existing Capacity may be entirely replaced by New Capacity.

Dr Joseph Smith of AAA Electric & Gas is logged in.
Round 1 started at 11:10:00 am and will end at 12:00 noon ET

- | | | | | | | |
|------------------------------|--------------------------------|---------------------------------------|-------------------------------|----------------------------------|--------------------------|---------------------------|
| My Resources | Current Offers | Generate Confirmation | Round Results | Auction Schedule | Messages | Downloads |
|------------------------------|--------------------------------|---------------------------------------|-------------------------------|----------------------------------|--------------------------|---------------------------|

Resource Information

Bidding group: Midstate

[Back to My Resources](#)

Zone: Maine
- Bidding group: **Midstate**

Resource Type: **Generating**

Repowering: Quantities from the New Capacity and Existing Capacity associated with this Resource are **mutually exclusive**.

This Bidding Group is **non-rationable**.

1123001 : Midstate

Qualified Capacity: 300.000 MW

EcoMin Limit: 0.000 MW

Self-Supply Quantity: 0.000 MW

This Resource has a Maximum Offer Supply Curve:

Price Range	Maximum Offer
\$ 5.624 – \$ 4.500	300.000 MW

Hotlists and Creating Offers for New Capacity

Dr Joseph Smith of AAA Electric & Gas is logged in.

Round 1 started at 11:10:00 am and will end at 12:00 noon ET

My Resources

Current Offers

Generate Confirmation

Round Results

Auction Schedule

Messages

Downloads

Current Offers for AAA Electric & Gas

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist

Generating: [Brown](#), [Midstate](#)

Existing Capacity Hotlist [\[Show All \]](#)

Bidding for Existing Capacity is closed at this time.

Bidding Groups Summary

Filter:

Bidding Group (# in Group)	Type	Quantity at \$ 15.000	Quantity at \$ 10.000
[-] Brown (3) [Create Offer] [Details]	Generating	510.000 MW	0.000 MW
[-] Midstate [Create Offer] [Details]	Generating	300.000 MW	0.000 MW
[+] Maine Demand (2) [Create Offer] [Details]	Demand	7.116 MW	0.000 MW
[+] New Brunswick - Project B [Create Offer] [Details]	Import	200.000 MW	0.000 MW

Note:

- All Prices are in \$/kW Month
- Rows in RED indicate an Offer must be entered for this Bidding Group.
- Use **[+]** and **[-]** to edit your Hotlist.

Maintaining the Same Quantity for New Capacity

Forward Capacity Auction - 2010/2011

Dr Joseph Smith of AAA Electric & Gas is logged in.
 Round 1 started at 11:10:00 am and will end at 12:00 noon ET
 Warning! You have less than 10 minutes to place 10 missing Offers.

My Resources Current Offers Generate Confirmation Round Results Auction Schedule Messages Downloads

Current Offers

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist [Show All]

Generating: Brown, Midstate

Existing Capacity Hotlist [Show All]

Bidding for Existing Capacity is closed at this time.

Midstate

[\[-\] Remove from Hotlist](#)

[\[?\] Bidding Group Details](#)

	START	END
New Generating Capacity	\$ 15.000	\$ 10.000
Midstate ID: 1123001 EcoMin Limit: 0.000 MW	300.000 MW	
Total	300.000 MW	

Note:

- All Prices are in \$/kW Month
- This Capacity is part of a Repowering.

You must specify an Offer Segment for **Midstate**.

If you wish to continue offering the same Quantity through the end of this Round for this Bidding Group, the system can generate an Offer Segment for you:

|
OR
|

Enter the Price for which you would like to add an Offer Segment for the Bidding Group, and click "Next" below. The Price must be **between \$ 14.999 and \$ 10.000**.

Maintain Quantity to \$ 10.000

Price: \$

[Next >>](#)

[Cancel](#)

Dr Joseph Smith of AAA Electric & Gas is logged in.
 Round 1 started at 11:10:00 am and will end at 12:00 noon ET
 Warning! You have less than 10 minutes to place 9 missing Offers.

- [My Resources](#)
- [Current Offers](#)
- [Generate Confirmation](#)
- [Round Results](#)
- [Auction Schedule](#)
- [Messages](#)
- [Downloads](#)

Current Offers

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist [Show All]

Generating: [Brown](#), [Midstate](#)

Existing Capacity Hotlist [Show All]

Bidding for Existing Capacity is closed at this time.

Midstate

[\[-\] Remove from Hotlist](#)

[\[?\] Bidding Group Details](#)

You may optionally place up to four additional Offer Segments.

[+] Add Offer Segment

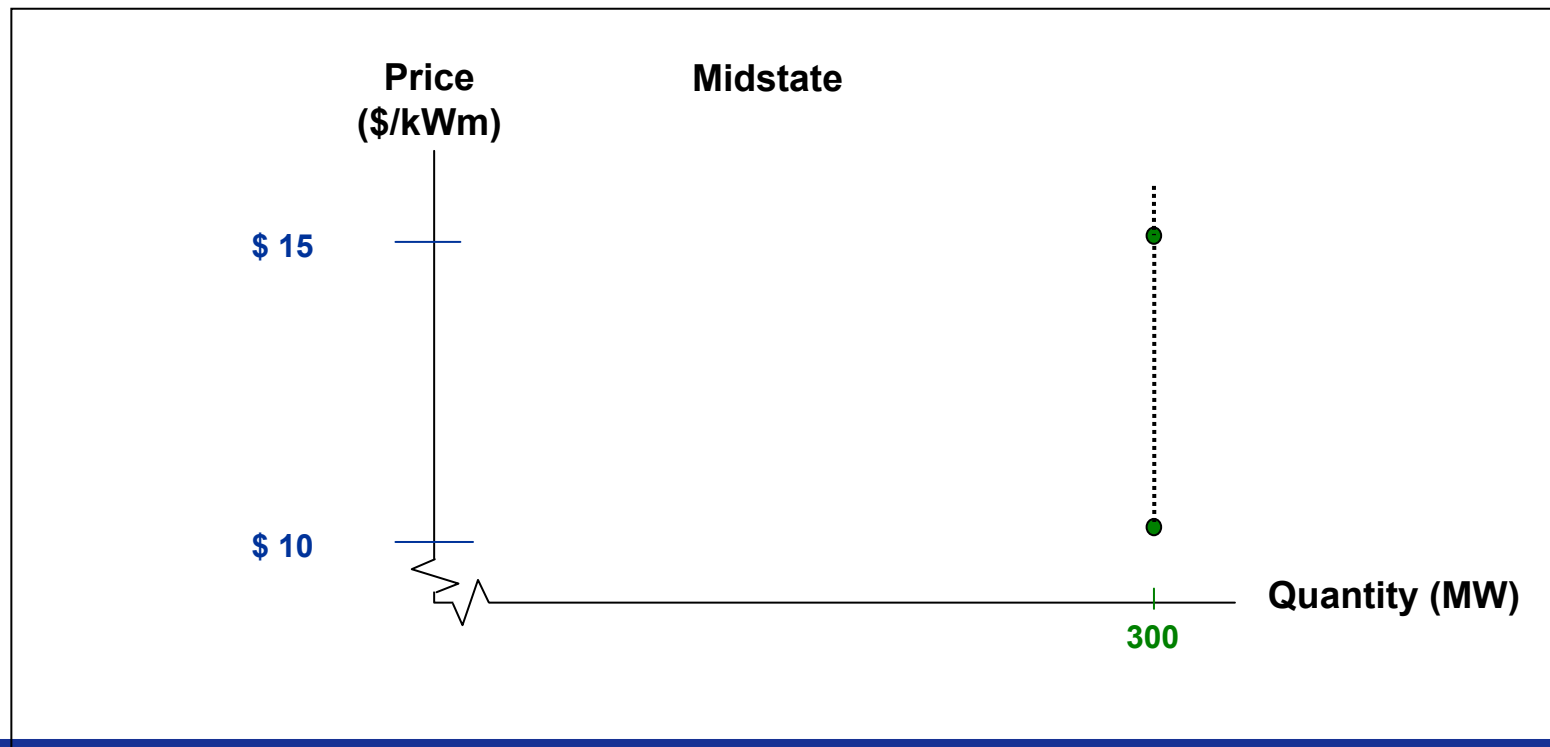
	START	<input type="button" value="Edit"/> <input type="button" value="Delete"/>	END
New Generating Capacity	\$ 15.000	\$ 10.000	\$ 10.000
Midstate ID: 1123001 EcoMin Limit: 0.000 MW	300.000 MW	300.000 MW	300.000 MW
Total	300.000 MW	300.000 MW	300.000 MW

Note:

- All Prices are in \$/kW Month
- This Capacity is part of a Repowering.

Maintaining the Same Quantity for New Capacity

	Start of Round		Maintain Quantity to \$10	End of Round	
Midstate	\$ 15	300 MW	\$ 10	300 MW	\$ 10 300 MW



Dr Joseph Smith of AAA Electric & Gas is logged in.
 Round 1 started at 11:10:00 am and will end at 12:00 noon ET
 Warning! You have less than 8 minutes to place 9 missing Offers.

- | | | | | | | |
|--------------|-----------------------|-----------------------|---------------|------------------|----------|-----------|
| My Resources | Current Offers | Generate Confirmation | Round Results | Auction Schedule | Messages | Downloads |
|--------------|-----------------------|-----------------------|---------------|------------------|----------|-----------|

Current Offers for AAA Electric & Gas

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist

Generating: Brown, [Midstate](#)

Existing Capacity Hotlist [\[Show All \]](#)

Bidding for Existing Capacity is closed at this time.

Bidding Groups Summary

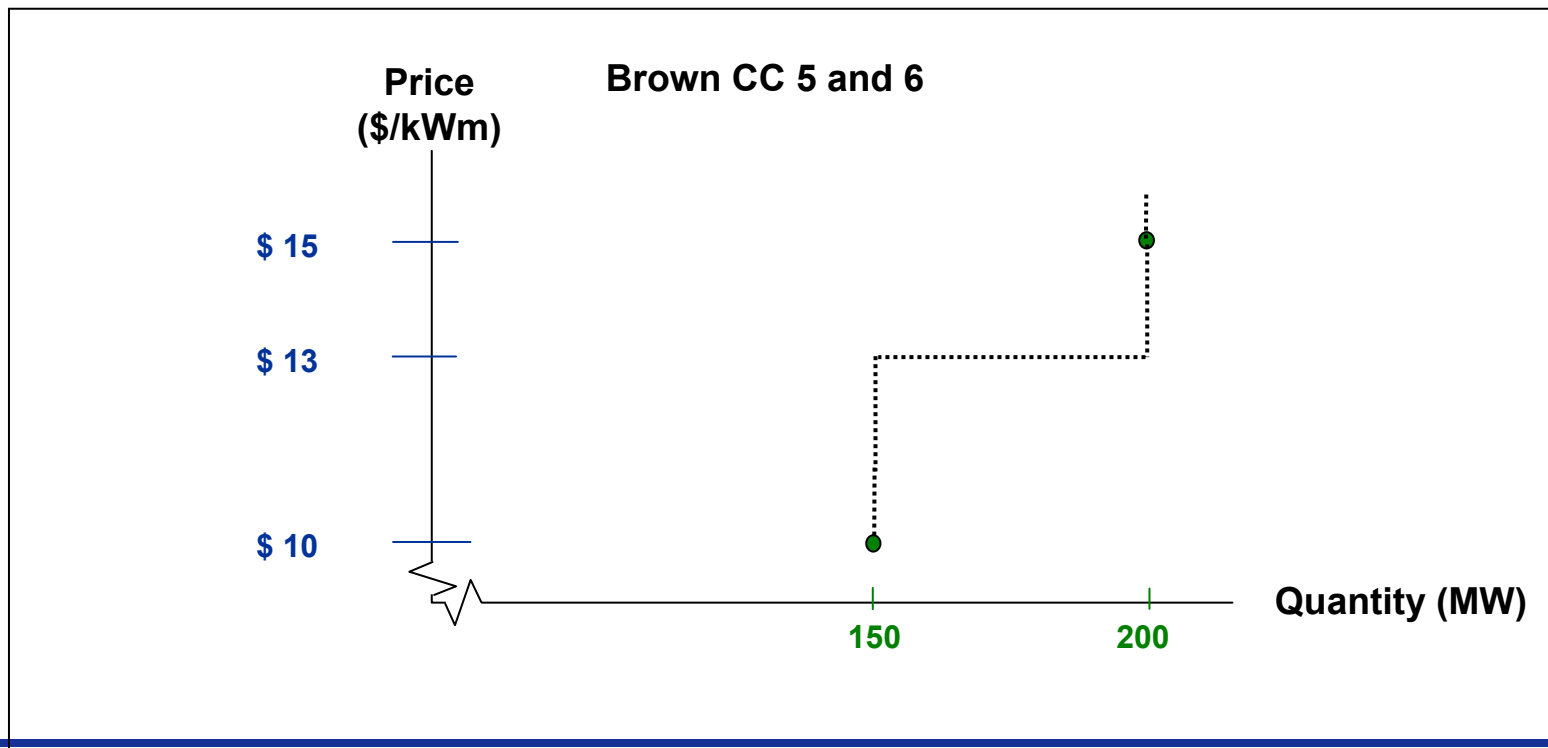
				Filter: <input style="width: 100px;" type="text"/>	
Bidding Group (# in Group)	Type	Quantity at \$ 15,000	Quantity at \$ 10,000		
[-] Brown (3) [Create Offer] [Details]	Generating	510.000 MW	0.000 MW		
[-] Midstate [Edit Offer] [Details]	Generating	300.000 MW	300.000 MW		
[+] Maine Demand (2) [Create Offer] [Details]	Demand	7.116 MW	0.000 MW		
[+] New Brunswick - Project B [Create Offer] [Details]	Import	200.000 MW	0.000 MW		

Note:

- All Prices are in \$/kW Month
- Rows in RED indicate an Offer must be entered for this Bidding Group.
- Use **[+]** and **[-]** to edit your Hotlist.

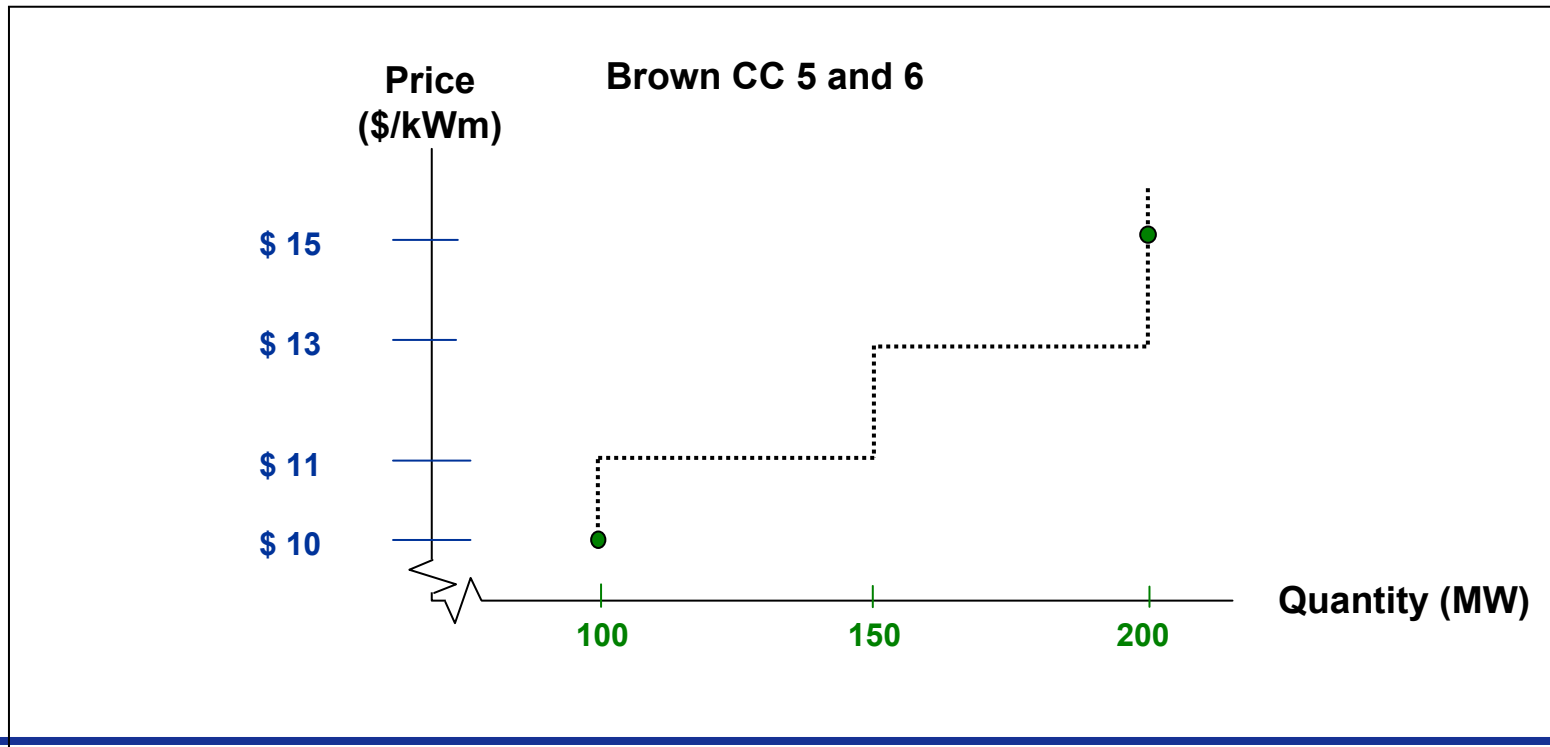
Entering an Offer Segment

	Start of Round		Price: \$ <input type="text" value="13"/>		End of Round	
Brown CC 5 and 6	\$ 15	200 MW	\$ 13	<input type="text" value="150"/> MW	\$ 10	150 MW



Entering a Second Offer Segment

	Start of Round		Price: \$ 13		Price: \$ 11		End of Round	
Brown CC 5 and 6	\$ 15	200 MW	\$ 13	150 MW	\$ 11	100 MW	\$ 10	100 MW



Entering an Offer Segment for a Bidding Group

Dr Joseph Smith of AAA Electric & Gas is logged in.
Round 1 started 9 October 2007 at 11:10:00 am and will end at 5:04:00 pm ET
Warning! You have less than 8 minutes to place 6 missing Offers.

- My Resources
- Current Offers
- Generate Confirmation
- Round Results
- Auction Schedule
- Messages
- Downloads

Current Offers

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist [Show All]

Generating: [Brown](#), [Midstate](#)

Existing Capacity Hotlist [Show All]

Bidding for Existing Capacity is closed at this time.

Brown

[\[-\] Remove from Hotlist](#)

[\[?\] Bidding Group Details](#)

	START	END
New Generating Capacity	\$ 15.000	\$ 10.000
Brown CC #2 ID: 1122001 EcoMin Limit: 5.000 MW	10.000 MW	
Brown CC 5 and 6 ID: 1122004 EcoMin Limit: 75.000 MW	200.000 MW	
Clean Wind ID: 1122003 EcoMin Limit: 100.000 MW	300.000 MW	
Total	510.000 MW	

You must specify an Offer Segment for **Brown**.

If you wish to continue offering the same Quantity through the end of this Round for this Bidding Group, the system can generate an Offer Segment for you:

|
OR
|

Enter the Price for which you would like to add an Offer Segment for the Bidding Group, and click "Next" below. The Price must be **between \$ 14.999 and \$ 10.000**.

Maintain Quantity to \$ 10.000

Price: \$

Note:

- All Prices are in \$/kW Month
- Rationing Minimum Limit: 190.525 MW

Dr Joseph Smith of AAA Electric & Gas is logged in.
Round 1 started 9 October 2007 at 11:10:00 am and will end at 5:04:00 pm ET
Warning! You have less than 7 minutes to place 6 missing Offers.

- My Resources
- Current Offers**
- Generate Confirmation
- Round Results
- Auction Schedule
- Messages
- Downloads

Current Offers

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist [Show All]

Generating: [Brown](#), [Midstate](#)

Existing Capacity Hotlist [Show All]

Bidding for Existing Capacity is closed at this time.

Brown

[\[-\] Remove from Hotlist](#)
[\[?\] Bidding Group Details](#)

The Quantity for this Offer must be at most 510.000 MW.

	START	<input type="button" value="Cancel"/> <input type="button" value="Delete"/>	END
New Generating Capacity	\$ 15.000	\$ 13.000	\$ 10.000
Brown CC #2 ID: 1122001 EcoMin Limit: 5.000 MW	10.000 MW →	<input type="text" value="10.000"/> MW	10.000 MW
Brown CC 5 and 6 ID: 1122004 EcoMin Limit: 75.000 MW	200.000 MW →	<input type="text" value="200.000"/> MW	200.000 MW
Clean Wind ID: 1122003 EcoMin Limit: 100.000 MW	300.000 MW →	<input type="text" value="300.000"/> MW	300.000 MW
Total	510.000 MW	510.000 MW	510.000 MW
		<input type="button" value="Save"/>	

Note:

- All Prices are in \$/kW Month
- Rationing Minimum Limit: 190.525 MW

Specifying the Quantities for that Offer Segment

Dr Joseph Smith of AAA Electric & Gas is logged in.
Round 1 started 9 October 2007 at 11:10:00 am and will end at 5:04:00 pm ET
Warning! You have less than 7 minutes to place 6 missing Offers.

- My Resources
- Current Offers**
- Generate Confirmation
- Round Results
- Auction Schedule
- Messages
- Downloads

Current Offers

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist [Show All]

Generating: Brown, Midstate

Existing Capacity Hotlist [Show All]

Bidding for Existing Capacity is closed at this time.

Brown

[\[-\] Remove from Hotlist](#)
[\[?\] Bidding Group Details](#)

The Quantity for this Offer must be at most 510.000 MW.

	START	<input type="button" value="Cancel"/> <input type="button" value="Delete"/>	END
New Generating Capacity	\$ 15.000	\$ 13.000	\$ 10.000
Brown CC #2 ID: 1122001 EcoMin Limit: 5.000 MW	10.000 MW	<input type="text" value="10.000"/> MW	10.000 MW
Brown CC 5 and 6 ID: 1122004 EcoMin Limit: 75.000 MW	200.000 MW	<input type="text" value="150"/> MW	150.000 MW
Clean Wind ID: 1122003 EcoMin Limit: 100.000 MW	300.000 MW	<input type="text" value="200"/> MW	200.000 MW
Total	510.000 MW	360.000 MW	360.000 MW
		<input type="button" value="Save"/>	

Note:

- All Prices are in \$/kW Month
- Rationing Minimum Limit: 190.525 MW

Dr Joseph Smith of AAA Electric & Gas is logged in.

Round 1 started 9 October 2007 at 11:10:00 am and will end at 5:04:00 pm ET

Warning! You have less than 5 minutes to place 5 missing Offers.

- My Resources
- Current Offers**
- Generate Confirmation
- Round Results
- Auction Schedule
- Messages
- Downloads

Current Offers

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist [Show All]

Generating: [Brown](#), [Midstate](#)

Existing Capacity Hotlist [Show All]

Bidding for Existing Capacity is closed at this time.

Brown

[\[-\] Remove from Hotlist](#)

[\[?\] Bidding Group Details](#)

You may optionally place up to four additional Offer Segments.

[+] Add Offer Segment

	START	<input type="button" value="Edit"/> <input type="button" value="Delete"/>	END
New Generating Capacity	\$ 15.000	\$ 13.000	\$ 10.000
Brown CC #2 ID: 1122001 EcoMin Limit: 5.000 MW	10.000 MW	10.000 MW	10.000 MW
Brown CC 5 and 6 ID: 1122004 EcoMin Limit: 75.000 MW	200.000 MW	150.000 MW	150.000 MW
Clean Wind ID: 1122003 EcoMin Limit: 100.000 MW	300.000 MW	200.000 MW	200.000 MW
Total	510.000 MW	360.000 MW	360.000 MW

Note:

- All Prices are in \$/kW Month
- Rationing Minimum Limit: 190.525 MW



Forward Capacity Auction - 2010/2011

Logout [X]

Adding a Second Offer Segment

Dr Joseph Smith of AAA Electric & Gas is logged in.
Round 1 started 9 October 2007 at 11:10:00 am and will end at 5:04:00 pm ET
Warning! You have less than 5 minutes to place 5 missing Offers.

- My Resources
- Current Offers**
- Generate Confirmation
- Round Results
- Auction Schedule
- Messages
- Downloads

Current Offers

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist [Show All]

Generating: [Brown](#), [Midstate](#)

Existing Capacity Hotlist [Show All]

Bidding for Existing Capacity is closed at this time.

Brown

[\[-\] Remove from Hotlist](#)
[\[?\] Bidding Group Details](#)

You may optionally place up to four additional Offer Segments.

	START		END
New Generating Capacity	\$ 15.000	\$ 13.000	\$ 10.000
Brown CC #2 ID: 1122001 EcoMin Limit: 5.000 MW	10.000 MW		
Brown CC 5 and 6 ID: 1122004 EcoMin Limit: 75.000 MW	200.000 MW		
Clean Wind ID: 1122003 EcoMin Limit: 100.000 MW	300.000 MW		
Total	510.000 MW		

Please enter the Price for which you would like to add an Offer Segment for the Bidding Group, and click "Next" below. The Price must be **between \$ 14.999 and \$ 10.000.**

Price: \$

Note:

- All Prices are in \$/kW Month
- Rationing Minimum Limit: 190.525 MW

Switching Among Resources in a Bidding Group

Dr Joseph Smith of AAA Electric & Gas is logged in.

Round 1 started 9 October 2007 at 11:10:00 am and will end at 5:04:00 pm ET

Warning! You have less than 4 minutes to place 5 missing Offers.

- My Resources
- Current Offers
- Generate Confirmation
- Round Results
- Auction Schedule
- Messages
- Downloads

Current Offers

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist [Show All]

Generating: [Brown](#), [Midstate](#)

Existing Capacity Hotlist [Show All]

Bidding for Existing Capacity is closed at this time.

Brown

[\[-\] Remove from Hotlist](#)

[\[?\] Bidding Group Details](#)

The Quantity for this Offer must be at most 360.000 MW.

	START		END
New Generating Capacity	\$ 15.000	\$ 13.000	\$ 11.000
Brown CC #2 ID: 1122001 EcoMin Limit: 5.000 MW	10.000 MW	10.000 MW	10.000 MW
Brown CC 5 and 6 ID: 1122004 EcoMin Limit: 75.000 MW	200.000 MW	150.000 MW → 100 MW	100.000 MW
Clean Wind ID: 1122003 EcoMin Limit: 100.000 MW	300.000 MW	200.000 MW → 250 MW	250.000 MW
Total	510.000 MW	360.000 MW ⚡ 360.000 MW	360.000 MW

Note:

- All Prices are in \$/kW Month
- Rationing Minimum Limit: 190.525 MW

Dr Joseph Smith of AAA Electric & Gas is logged in.

Round 1 started 9 October 2007 at 11:10:00 am and will end at 5:04:00 pm ET

Warning! You have less than 4 minutes to place 5 missing Offers.

- | | | | | | | |
|------------------------------|--------------------------------|---------------------------------------|-------------------------------|----------------------------------|--------------------------|---------------------------|
| My Resources | Current Offers | Generate Confirmation | Round Results | Auction Schedule | Messages | Downloads |
|------------------------------|--------------------------------|---------------------------------------|-------------------------------|----------------------------------|--------------------------|---------------------------|

Current Offers

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist [\[Show All \]](#)

Generating: [Brown](#), [Midstate](#)

Existing Capacity Hotlist [\[Show All \]](#)

Bidding for Existing Capacity is closed at this time.

Brown

[\[-\] Remove from Hotlist](#)

[\[?\] Bidding Group Details](#)

You may optionally place up to three additional Offer Segments.

[\[+\] Add Offer Segment](#)

	START	<input type="button" value="Edit"/> <input type="button" value="Delete"/>	<input type="button" value="Edit"/> <input type="button" value="Delete"/>	END
New Generating Capacity	\$ 15.000	\$ 13.000	\$ 11.000	\$ 10.000
Brown CC #2 ID: 1122001 EcoMin Limit: 5.000 MW	10.000 MW	10.000 MW	10.000 MW	10.000 MW
Brown CC 5 and 6 ID: 1122004 EcoMin Limit: 75.000 MW	200.000 MW	150.000 MW	100.000 MW	100.000 MW
Clean Wind ID: 1122003 EcoMin Limit: 100.000 MW	300.000 MW	200.000 MW	250.000 MW	250.000 MW
Total	510.000 MW	360.000 MW	360.000 MW	360.000 MW

Note:

- All Prices are in \$/kW Month
- Rationing Minimum Limit: 190.525 MW

Valid Offers Now
Placed for Two
Bidding Groups

Dr Joseph Smith of AAA Electric & Gas is logged in.

Round 1 started 9 October 2007 at 11:10:00 am and will end at 5:04:00 pm ET

Warning! You have less than 3 minutes to place 5 missing Offers.

- My Resources
- Current Offers
- Generate Confirmation
- Round Results
- Auction Schedule
- Messages
- Downloads

Current Offers for AAA Electric & Gas

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist

Generating: [Brown](#), [Midstate](#)

Existing Capacity Hotlist [\[Show All \]](#)

Bidding for Existing Capacity is closed at this time.

Bidding Groups Summary

Filter:

Bidding Group (# in Group)	Type	Quantity at \$ 15,000	Quantity at \$ 10,000
[-] Brown (3) [Edit Offer] [Details]	Generating	510.000 MW	360.000 MW
[-] Midstate [Edit Offer] [Details]	Generating	300.000 MW	300.000 MW
[+] Maine Demand (2) [Create Offer] [Details]	Demand	7.116 MW	0.000 MW
[+] New Brunswick - Project B [Create Offer] [Details]	Import	200.000 MW	0.000 MW

Note:

- All Prices are in \$/kW Month
- Rows in RED indicate an Offer must be entered for this Bidding Group.
- Use [\[+\]](#) and [\[-\]](#) to edit your Hotlist.

ISO New England Forward Capacity Auction - 2010/2011

Auction Clock:
10 October 2007, 5:04:15 pm ET
Logout [X]

Confirmation of
Offers Placed and
Missing Offers

Dr Joseph Smith of AAA Electric & Gas is logged in.

Round 1 started 9 October 2007 at 11:10:00 am and will end at 5:07:00 pm ET

Warning! You have less than 3 minutes to place 5 missing Offers.

My Resources	Current Offers	Generate Confirmation	Round Results	Auction Schedule	Messages	Downloads
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Confirmation for AAA Electric & Gas - Round 1

Generated on Wednesday, 10 October 2007, 5:03:34 pm ET by Joseph Smith.

Maine

Rest-of-Pool

[View Printable Format]

Round 1

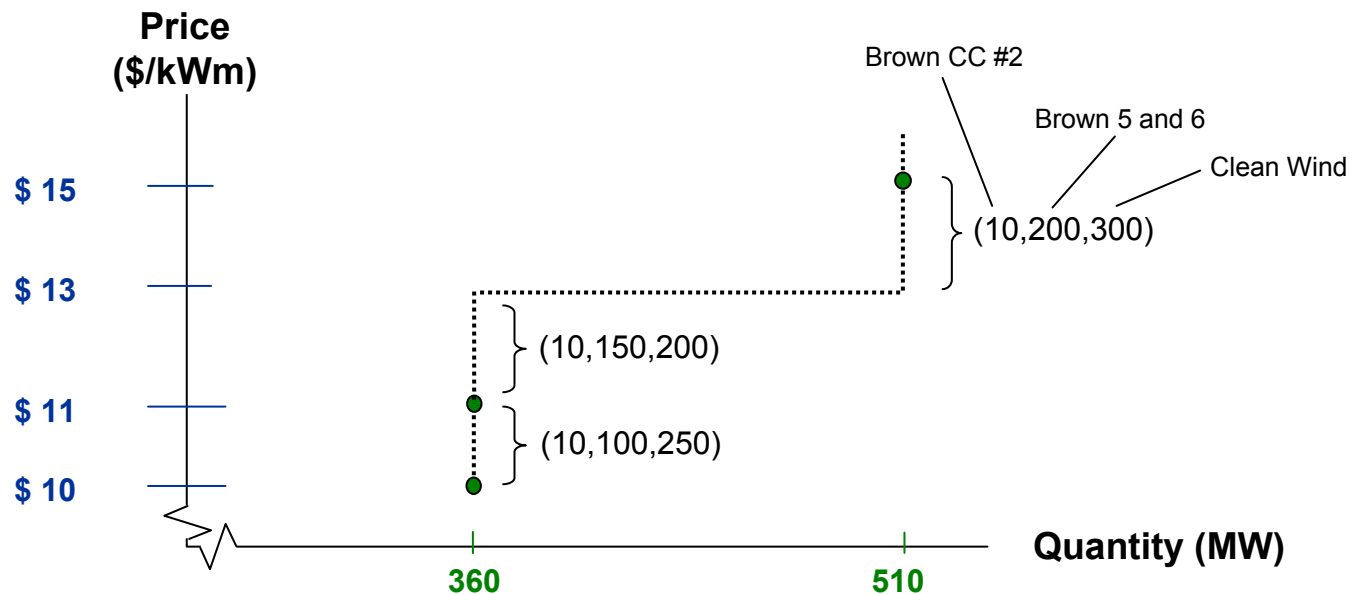
Filter:

Offers for Round 1

Type	Bidding Group Name	Offer in effect	Price range	Entered by
Generating	Brown	[v] Total from 3 Resources 510.000 MW	\$ 15.000 – \$ 13.001	Carried forward
		[v] Total from 3 Resources 360.000 MW	\$ 13.000 – \$ 11.001	Joseph Smith
		[v] Total from 3 Resources 360.000 MW	\$ 11.000 – \$ 10.000	Joseph Smith
Generating	Midstate	1123001 : Midstate 300.000 MW	\$ 15.000 – \$ 10.000	Joseph Smith
Demand	Maine Demand	[v] Total from 2 Resources 7.116 MW	\$ 15.000	Carried forward
		[v] Total from 2 Resources 0.000 MW	\$ 14.999 – \$ 10.000	No Offer - Self-Supply
Interface New Brunswick - MEPCO Tie	New Brunswick - Project B	1115002 : New Brunswick -...B 200.000 MW	\$ 15.000	Carried forward
		1115002 : New Brunswick -...B 0.000 MW	\$ 14.999 – \$ 10.000	No Offer - Self-Supply

Offer Curve for Brown Bidding Group

Total Quantity across 3 Resources that make up the Brown Bidding Group



All Offers Placed
for the Zone

Forward Capacity Auction - 2010/2011

Dr Joseph Smith of AAA Electric & Gas is logged in.

Round 1 started at 5:15:00 am and will end at 5:23:00 am ET

Warning! Round will end in less than 1 minute.

My Resources

Current Offers

Generate Confirmation

Round Results

Auction Schedule

Messages

Downloads

Current Offers for AAA Electric & Gas

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist

Generating: [Chippewa CC #2](#), [Frost Station](#)Import: [New York A-B](#)Existing Capacity Hotlist [\[Show All \]](#)

Bidding for Existing Capacity is closed at this time.

Bidding Groups Summary

Filter:

Bidding Group (# in Group)	Type	Quantity at \$ 15,000	Quantity at \$ 10,000
[+] Appleton (2) [Edit Offer] [Details]	Generating	250.980 MW	250.980 MW
[-] Chippewa CC #2 [Edit Offer] [Details]	Generating	100.000 MW	100.000 MW
[+] East Wind [Edit Offer] [Details]	Generating	500.000 MW	500.000 MW
[-] Frost Station [Edit Offer] [Details]	Generating	50.000 MW	50.000 MW
[+] Hartford (2) [Edit Offer] [Details]	Demand	4.008 MW	4.008 MW
[+] Pump Station #1 [Edit Offer] [Details]	Demand	12.090 MW	12.090 MW
[-] New York A-B [Edit Offer] [Details]	Import	80.000 MW	80.000 MW

Note:

- All Prices are in \$/kW Month
- Rows in RED indicate an Offer must be entered for this Bidding Group.
- Use [+] and [-] to edit your Hotlist.

Bidding for Existing Capacity

Dr Joseph Smith of AAA Electric & Gas is logged in.
Round 3 started at 5:30:00 am and will end at 7:30:00 am ET

- My Resources
- Current Offers
- Generate Confirmation
- Round Results
- Auction Schedule
- Messages
- Downloads

Current Offers for AAA Electric & Gas

- Maine
- Rest-of-Pool**

Bidding Group (New Capacity) Hotlist [\[Show All \]](#)

Generating: [Chippewa CC #2](#), [Frost Station](#)
Import: [New York A-B](#)

Existing Capacity Hotlist

Generating: [Appleton 5 and 6](#), [Appleton GT #1](#)
Demand: [Charlestown City Hall](#)
Import: [Quebec Power](#)

Existing Capacity Summary

Filter: <input type="text"/>				
Asset ID	Existing Capacity Resources	Type	Quantity at \$ 6.000	Quantity at \$ 5.625
1112004	[-] Appleton 5 and 6 [Create DDB] [Details]	Generating	250.500 MW	250.500 MW
1112001	[-] Appleton GT #1 [Create DDB] [Details]	Generating	100.000 MW	100.000 MW
1132001	[+] Chippewa CC #2 [Create DDB] [Details]	Generating	400.000 MW	400.000 MW
1132002	[+] Chippewa Power 1-4 [Create DDB] [Details]	Generating	350.000 MW	350.000 MW
1133002	[+] Frost Station * [Details]	Generating	*	*
1112005	[+] Springfield Nuclear [Create DDB] [Details]	Generating	500.000 MW	500.000 MW
1131001	[-] Charlestown City Hall [Create DDB] [Details]	Demand	1.250 MW	1.250 MW
1111004	[+] Mulligan Street 1 [Create DDB] [Details]	Demand	0.500 MW	0.500 MW
1111005	[+] Project 23 [Create DDB] [Details]	Demand	6.234 MW	6.234 MW
1119001	[+] Highgate Power [Create DDB] [Details]	Import	100.000 MW	100.000 MW
1134001	[+] New York Power 1 [Create DDB] [Details]	Import	100.500 MW	100.500 MW
1118001	[-] Quebec Power [Create DDB] [Details]	Import	125.000 MW	125.000 MW

Note:

- * This Capacity is part of a Repowering. You are currently offering New Capacity for this Resource.
- All Prices are in \$/kW Month
- DDB = Dynamic De-List Bid

Selection by
Filtering

Dr Joseph Smith of AAA Electric & Gas is logged in.
Round 3 started at 5:30:00 am and will end at 7:30:00 am ET

My Resources Current Offers Generate Confirmation Round Results Auction Schedule Messages Downloads

Current Offers for AAA Electric & Gas

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist [\[Show All \]](#)

Generating: [Chippewa CC #2](#), [Frost Station](#)

Import: [New York A-B](#)

Existing Capacity Hotlist

Generating: [Appleton 5 and 6](#), [Appleton GT #1](#)

Demand: [Charlestown City Hall](#)

Import: [Quebec Power](#)

Existing Capacity Summary

Filter:

Asset ID	Existing Capacity Resources	Type	Quantity at \$ 6.000	Quantity at \$ 5.625
1112005	[+] Springfield Nuclear [Create DDB] [Details]	Generating	500.000 MW	500.000 MW

Note:

- * This Capacity is part of a Repowering. You are currently offering New Capacity for this Resource.
- All Prices are in \$/kW Month
- DDB = Dynamic De-List Bid
- Use [\[+\]](#) and [\[-\]](#) to edit your Hotlist.

Viewing De-List
Bids Submitted at
Qualification

ISO New England Forward Capacity Auction - 2010/2011

Auction Clock:
11 October 2007, 6:30:47 am ET

Logout [X]

Dr Joseph Smith of AAA Electric & Gas is logged in.
Round 3 started at 5:30:00 am and will end at 7:30:00 am ET

My Resources

Current Offers

Generate Confirmation

Round Results

Auction Schedule

Messages

Downloads

Resource Information Resource: 1112005 : Springfield Nuclear

[Back to Current Offers](#)

Zone: Rest-of-Pool

Resource Type: **Generating**

- Resource: 1112005 : Springfield Nuclear

New Capacity

This Resource does not have New Capacity associated with it.

Existing Capacity

Qualified Capacity: 600.000 MW

EcoMin Limit: 100.000 MW

Self-Supply Quantity: 20.000 MW

ISO RFP Quantity: 0.000 MW

De-List Bids:

Type	Price	De-List Bid Quantity	Reliability Review Status
Static	\$ 15.000	50.000 MW	Approved
Static	\$ 12.500	50.000 MW	Approved

Dr Joseph Smith of AAA Electric & Gas is logged in.
Round 3 started at 5:30:00 am and will end at 7:30:00 am ET

- My Resources
- Current Offers
- Generate Confirmation
- Round Results
- Auction Schedule
- Messages
- Downloads

Current Offers

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist [Show All]

Generating: [Chippewa CC #2](#), [Frost Station](#)
Import: [New York A-B](#)

Existing Capacity Hotlist [Show All]

Generating: [Appleton 5 and 6](#), [Appleton GT #1](#)
Demand: [Charlestown City Hall](#)
Import: [Quebec Power](#)

Springfield Nuclear

[+1 Add to Hotlist](#)

[? Existing Capacity Details](#)

Existing Generating Capacity ID:1112005	START \$ 6.000	END \$ 5.625
Standing Quantity 2010/2011	500.000 MW	
De-List Bid Quantity		
De-List Bid Type		

Notes:

- All Prices are in \$/kW Month
- EcoMin Limit: 100.000 MW
- Self Supply: 20.000 MW

Please enter the Price for which you would like to add a Dynamic De-List Bid Segment for the Existing Capacity, and click "Next" below. The Price must be **between \$ 5.999 and \$ 5.625.**

Price: \$

Cancel

Next >>

Entering a
Dynamic De-List
Bid Segment

Specifying the Quantity for the Dynamic De-List Bid Segment

Forward Capacity Auction - 2010/2011

Dr Joseph Smith of AAA Electric & Gas is logged in.
Round 3 started at 5:30:00 am and will end at 7:30:00 am ET

- My Resources
- Current Offers
- Generate Confirmation
- Round Results
- Auction Schedule
- Messages
- Downloads

Current Offers

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist [Show All]

Generating: [Chippewa CC #2](#), [Frost Station](#)
Import: [New York A-B](#)

Existing Capacity Hotlist [Show All]

Generating: [Appleton 5 and 6](#), [Appleton GT #1](#)
Demand: [Charlestown City Hall](#)
Import: [Quebec Power](#)

Springfield Nuclear

[+] Add to Hotlist

[?] Existing Capacity Details

The Quantity for this Dynamic De-List Bid must be at least 20.000 MW and at most 500.000 MW.

	START	<input type="button" value="Cancel"/> <input type="button" value="Delete"/>	END
Existing Generating Capacity ID:1112005	\$ 6.000	\$ 5.800	\$ 5.625
Standing Quantity 2010/2011	500.000 MW	<input type="text" value="100"/> MW	100.000 MW
De-List Bid Quantity			
De-List Bid Type		Dynamic	
		<input type="button" value="Save"/>	

Notes:

- All Prices are in \$/kW Month
- EcoMin Limit: 100.000 MW
- Self Supply: 20.000 MW

Dr Joseph Smith of AAA Electric & Gas is logged in.
Round 3 started at 5:30:00 am and will end at 7:30:00 am ET

- | | | | | | | |
|--------------|----------------|-----------------------|---------------|------------------|----------|-----------|
| My Resources | Current Offers | Generate Confirmation | Round Results | Auction Schedule | Messages | Downloads |
|--------------|----------------|-----------------------|---------------|------------------|----------|-----------|

Current Offers

Maine

Rest-of-Pool

Bidding Group (New Capacity) Hotlist [Show All]

Generating: [Chippewa CC #2](#), [Frost Station](#)

Import: [New York A-B](#)

Existing Capacity Hotlist [Show All]

Generating: [Appleton 5 and 6](#), [Appleton GT #1](#)

Demand: [Charlestown City Hall](#)

Import: [Quebec Power](#)

Springfield Nuclear

[\[+\] Add to Hotlist](#)
[\[?\] Existing Capacity Details](#)

You may optionally place up to four additional Dynamic De-List Bid Segments. [+] Add Dynamic De-List Bid Segment

	START		END
Existing Generating Capacity ID:1112005	\$ 6.000	<input type="button" value="Edit"/> <input type="button" value="Delete"/>	\$ 5.625
Standing Quantity 2010/2011	500.000 MW	100.000 MW	100.000 MW
De-List Bid Quantity		400.000 MW	
De-List Bid Type		Dynamic	

Notes:

- All Prices are in \$/kW Month
- EcoMin Limit: 100.000 MW
- Self Supply: 20.000 MW

Forward Capacity Auction - 2010/2011

Confirmation of
De-List Bids Placed

Dr Joseph Smith of AAA Electric & Gas is logged in.
Round 3 started at 5:30:00 am and will end at 7:30:00 am ET

My Resources	Current Offers	Generate Confirmation	Round Results	Auction Schedule	Messages	Downloads
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Confirmation for AAA Electric & Gas - Round 3

Generated on Thursday, 11 October 2007, 6:35:46 am ET by Joseph Smith.

Maine	Rest-of-Pool	[View Printable Format]	Round 3
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De-List Bids for Round 3

Type	Asset ID	Existing Capacity Name	Standing Bid in Effect	De-list Bid Quantity	De-list Bid Type	Price Range	Entered By
Generating	1112004	Appleton 5 and 6	250.500 MW		Standing Bid	\$ 6.000 – \$ 5.625	Standing Quantity
Generating	1112001	Appleton GT #1	100.000 MW		Standing Bid	\$ 6.000 – \$ 5.625	Standing Quantity
Generating	1132001	Chippewa CC #2	400.000 MW		Standing Bid	\$ 6.000 – \$ 5.625	Standing Quantity
Generating	1132002	Chippewa Power 1-4	350.000 MW		Standing Bid	\$ 6.000 – \$ 5.625	Standing Quantity
Generating	1133002	Frost Station	(*)		Standing Bid	\$ 6.000 – \$ 5.625	Standing Quantity
Generating	1112005	Springfield Nuclear	500.000 MW		Standing Bid	\$ 6.000 – \$ 5.801	Standing Quantity
			100.000 MW	400.000 MW	Dynamic	\$ 5.800 – \$ 5.625	Joseph Smith
Demand	1131001	Charlestown City Hall	1.250 MW		Standing Bid	\$ 6.000 – \$ 5.625	Standing Quantity
Demand	1111004	Mulligan Street 1	0.500 MW		Standing Bid	\$ 6.000 – \$ 5.625	Standing Quantity
Demand	1111005	Project 23	6.234 MW		Standing Bid	\$ 6.000 – \$ 5.625	Standing Quantity
Interface NY Cross Sound Cable	1134001	New York Power 1	100.500 MW		Standing Bid	\$ 6.000 – \$ 5.625	Standing Quantity

Viewing Results of Past Rounds

Dr Joseph Smith of AAA Electric & Gas is logged in.
Round 3 started at 5:30:00 am and will end at 7:30:00 am ET

- My Resources
- Current Offers
- Generate Confirmation
- Round Results**
- Auction Schedule
- Messages
- Downloads

Round Results

Maine		Rest-of-Pool				
Round	System-Wide (NICR: 7,000.000 MW)	Capacity Zone Rest-of-Pool	External Interface NY Cross Sound Cable	External Interface Ny AC Ties	External Interface HQ Phase I/II Excess	External Interface HQ Highgate
Status		Open	Open	Open	Open	Open
Round 1	\$ 15.000 – \$ 10.000		\$ 15.000 – \$ 10.000	\$ 15.000 – \$ 10.000	\$ 15.000 – \$ 10.000	\$ 15.000 – \$ 10.000
Excess	13,906.802 MW		103.000 MW	80.000 MW	50.000 MW	No Excess Supply
Round 2	\$ 10.000 – \$ 6.000		\$ 10.000 – \$ 6.000	\$ 10.000 – \$ 6.000	\$ 10.000 – \$ 6.000	\$ 10.000 – \$ 6.000
Excess	13,306.712 MW		103.000 MW	80.000 MW	50.000 MW	No Excess Supply

Note:

- All Prices are in \$/kW Month
- NICR = Net Installed Capacity Requirement

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