

ICAP System Demo

Technical Conference #1

March 21, 2005

Dave Wilber

Main Menu



Calendar

- **View Event Calendar**

- *Available to the public*

Select Calendar

ICAP	Auction	Certify	Bids/Offers	Load Forecast	Calendar	EFORD	DMNC	SCR	Upload/Download	Billing
					View Event Calendar					

For Discussion Only

Event Schedule

From Day To Day

Event Schedule

Legend:

Winter Season Event	Summer Season Event	Season Change Event
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Event Schedule	
Monday Mar 29, 2004	
07:40:00 AM	May 2004 Monthly Auction Runs
12:00:00 PM	May 2004 Monthly Auction Bids Close Date
12:00:00 PM	May 2004 Monthly Auction Offers Close Date
07:00:00 PM	ISO posts results of April 2004 Spot Market auction
07:00:00 PM	ISO must receive original signed agreements from new market participants by noon to participate in Summer 2004 Strip auction
Tuesday Mar 30, 2004	
03:00:00 AM	June 2004 Monthly Auction Bids Open Date
03:00:00 AM	June 2004 Monthly Auction Offers Open Date
Wednesday Mar 31, 2004	
07:00:00 PM	May 2004 Certification period for LSE's and suppliers opens
07:00:00 PM	TD trueup allowed for March 2004
07:00:00 PM	TD load forecast allowed for May 2004
07:00:00 PM	TD load shift allowed for April 2004

For Discussion Only

Load Forecast

➤ View ICAP and UCAP Calculations

- *Calculations based on NYISO forecasts*

➤ Record LSE Load Forecasts and Determine LSE UCAP

- *Monthly forecasts provided by Transmission Owners must total NYISO forecasts*
- *UCAP requirements calculated for each LSE by location*


➤ Maintain List of Transmission Owner LSEs

- *Allows Transmission Owners to specify LSE's located in their districts*

Select Load Forecast

ICAP	Auction	Certify	Bids/Offers	Load Forecast	Calendar	EFORd	DMHC	SCR	Upload/Download	Billing
				Record LSE Load Forecasts						
				View ICAP and UCAP Calculators						

View ICAP and UCAP Calculations


Auction Certify Bids/Offers Load Forecast Calendar EFORd DMNC SCR Upload/Download Billing

Season: Winter 2015-2016

View ICAP and UCAP Calculations

Post Data	
Posted Date	Posted By

Locational Calculations						
Location	Forecasted Peak Load	Requirement %	EFOR %	ICAP MW Requirement	UCAP MW Requirement	UCAP Effective %
LI	100.0	10.00	6.99	10.0	9.3	9.30
NYC	100.0	10.00	5.99	10.0	9.4	9.40
NYCA	800.0	10.00	7.99	80.0	73.6	9.20

Transmission District Loads			
Transmission District	Forecasted Peak Load	ICAP MW Requirement	UCAP MW Requirement
Metering Authority - Central Hudson Gas and Electr	100.0	10.0	9.2
Metering Authority - Consolidated Edison of NY	100.0	10.0	9.2
Metering Authority - Long Island Power Authority	100.0	10.0	9.2
Metering Authority - New York Power Authority	100.0	10.0	9.2
Metering Authority - New York State Electric & Gas	100.0	10.0	9.2
Metering Authority - Niagara Mohawk	100.0	10.0	9.2
Metering Authority - Orange and Rockland Utilities	100.0	10.0	9.2
Metering Authority - Rochester Gas and Electric	100.0	10.0	9.2
Total	800.0	80.0	73.6

Record LSE Load Forecast

ICAP Auction Certify Bids/Offers Load Forecast Calendar EFORD DMNC SCR Upload/Download Billing

Transmission Owner TEST TO LSE Test Lse Location TD Month/Year May/2015 Type Actual Display

Record LSE Load Forecasts

Locational Data	
Effective UCAP %	9.00

Record LSE Load Forecasts						
LSE	Load Forecast	Fixed Load	Total Load	UCAP Requirements	Last Update Date	Last Updated By
Test Lse	1.0	0.0	1.0	0.1	27-Sep-2004 12:48 PM	
Total	1.0	0.0	1.0			
Transmission Owner Load Forecast			100.0			

- ✓ Forecast data can be uploaded, but existing data will be replaced
- ✓ LSE's can review their own load forecasts

TO Load Forecast Selections

ICAP	Auction	Load Forecast	Calendar	Upload/Download	Billing
		Record LSE Load Forecasts			
		Maintain List of TO LSEs			
		View ICAP and UCAP Calculators			

Maintain List of LSEs (TO only)

ICAP Auction Load Forecast Calendar Upload/Download Billing

Transmission Owner: TEST TO

Maintain List of TO LSEs

LSE's

Maintain List of TO LSE's

NYISO LSE Short Name	NYISO LSE Long Name	Last Updated Date	Last Updated By	Delete	Deactivate
LSE1	TEST LSE 1	23-Jul-2004 02:46 PM	Dave McKay		<input type="checkbox"/>
LSE2	TEST LSE 2	23-Jul-2004 02:44 PM	Dave McKay		<input type="checkbox"/>
LSE3	TEST LSE 3	23-Jul-2004 02:46 PM	Dave McKay		<input type="checkbox"/>
LSE4	TEST LSE 4	26-Apr-2004 09:01 AM	Dave McKay		<input type="checkbox"/>
LSE5	TEST LSE 5	23-Jul-2004 02:45 PM	Dave McKay		<input type="checkbox"/>
LSE6	TEST LSE 6	23-Jul-2004 02:45 PM	Dave McKay		<input type="checkbox"/>
LSE7	TEST LSE 7	23-Jul-2004 02:45 PM	Dave McKay		<input type="checkbox"/>

✓LSE must be a registered customer with CRD

DMNC

➤ Record DMNC/PMPC Test Results

- *Documents test results used to determine UCAP capacity of supplier units*
- *Requires approval by Auxiliary Market Operations*

➤ View Monthly DMNC/PMPC

- *Determines unit capacity by month based on approved test results and EFORd factors*

DMNC: Dependable Maximum Net Capability

PMPC: Proven Maximum Production Capability

Select DMNC

ICAP

Auction

Certify

Bids/Offers

Load Forecast

Calendar

EFORD

DMNC

SCR

Upload/Download

Billing

Maintain DMNC/PMPC Results

View Monthly DMNC/PMPC

Maintain DMNC / PMPC

Maintain DMNC/PMPC

Filter

PTID Type	Generation Types	Test Type	Undecided
All	All	All	All

Filter

Add DMNC/PMPC

Test Type	PTID Name	Date of Test	Begin Hour	Avg Amb Temp (°F)	Pre Test Rating (Mw)	Test Temp (°F)	Demonstrated MW				Per Curve (Mw)	Effective Date	Remarks
							Hour 1 (Mw)	Hour 2 (Mw)	Hour 3 (Mw)	Hour 4 (Mw)			
All	2902 -- Test Gen 1		0										

Save

Legends:

Pre Test < Post Test

Out of Season

Maintain DMNC/PMPC

Save

Generation Type	PTID Type	PTID Name	Test Type	Date of Test	Beg Hour	Avg Amb Temp (°F)	Pre Test Rating (Mw)	Test Temp (°F)	Demonstrated MW				Average (Mw)	Per Curve (Mw)	Post Test Rating (Mw)	Excess / Deficiency (Mw)	Effective Date	Remarks	Status			Last Update By	Last Update Date	Del
									Hour 1 (Mw)	Hour 2 (Mw)	Hour 3 (Mw)	Hour 4 (Mw)							Approved	Rejected	Undecided			
SCR		2902 -- Test Gen 1	DMNC	11/02/2004	1	43	11	44	12	10	8	10.0		10.0	0.0	12/04/2005	Test #1	X			Mike Miller	01-Mar-2005 09:07 AM		
SCR		2902 -- Test Gen 1	DMNC	12/03/2004	9	21	11	17	11.5	13.5	9	11.5		11.5	0.0	01/01/2005	Test #2	X			Mike Miller	01-Mar-2005 09:10 AM		
SCR		2902 -- Test Gen 1	PMPC	12/03/2004	9	21	11	17	11.5	13.5	9	11.5		11.5	0.0	01/01/2005	Test #2	X			Mike Miller	01-Mar-2005 09:10 AM		

Save

View Monthly DMNC / PMPC

Supplier:
 Season:

View Monthly DMNC/PMPC

Filter

Ptid Type	Generation Type	Test Type
<input type="text" value="All"/>	<input type="text" value="All"/>	<input type="text" value="DMNC"/>

View Monthly DMNC/PMPC				Nov/2004		Dec/2004		Jan/2005		Feb/2005		Mar/2005		Apr/2005	
Supplier	PTID Type	Generation Type	PTID Name	Date of Test	Rating	Date of Test	Rating	Date of Test	Rating	Date of Test	Rating	Date of Test	Rating	Date of Test	Rating
Test Supplier	SCR	Other	2902 -- Test Gen 1		0.0		0.0	03-Dec-2004	11.5	03-Dec-2004	11.5	03-Dec-2004	11.5	03-Dec-2004	11.5

EFORd

➤ **Maintain Seasonal EFORd**

- *Allows Auxiliary Market Operations to enter seasonal factors that are calculated from data processed by Micro Gads*

Select EFORd

ICAP Auction Certify Bids/Offers Load Forecast Calendar **EFORd** DMNC SCR Upload/Download Billing

Maintain Seasonal EFORd

Maintain Seasonal EFORd

MP Name: Season:

Maintain Seasonal EFORd

Maintain Seasonal EFORd

PTID Name	Nov 2004	Dec 2004	Jan 2005	Feb 2005	Mar 2005	Apr 2005	Last Updated By	Last Update Date
2902 -- Test Gen 1	0.0522	0.0522	0.0522	0.0522	0.0522	0.0522	Art Desell	01-Mar-2005 09:37 AM

SCR

➤ **Maintain SCR or EDRP Resource**

- *Non-MIS resources captured including non-metered PTIDs*
- *Relates resource to Responsible Interface Party (RIP) or Curtailment Service Provider (CSP)*

Select SCR

ICAP Auction Certify Bids/Offers Load Forecast Calendar EFORD DMNC SCR Upload/Download Billing

Maintain SCRs

Maintain SCRs

ICAP Auction Certify Bids/Offers Load Forecast Calendar EFORD DMHC SCR Upload/Download Billing

MP Name Program

Maintain SCR/EDRP

Maintain SCR/EDRP								
SCR/ EDRP #	SCR/ EDRP Name	Program Type	Non-Metered (Y/N)	LBMP Zone	Transmission Owner	Active	Last Update Date	Last Updated By
2902	Test Gen 1	SCR	N	WEST	Test TO	Y	01-Mar-2005 08:28 AM	Art Desell

Offers to Sell UCAP

➤ Enter, maintain and copy offers to sell UCAP

- *Track mitigated capacity*
- *Check capacity available for Spot Market Auction offers*
- *Require PTID for offers for external capacity*

➤ View seller awards

- *Based on auction results over an entire season*

Select Offers to Sell

ICAP Auction Certify Bids/Offers Load Forecast Calendar EFORD DMNC SCR Upload/Download Billing

Offers To Sell
Bids To Purchase

- Enter Offers
- Copy Offers
- Maintain Offers
- View Seller Awards

Enter Offer



Auction Certify Bids/Offers Load Forecast Calendar EFORD DMNC SCR Upload/Download Billing

MP Name: Auction Type: Auction Month: Offer Month:

Insert Offers to Sell

Current Status

MP Name	Test MP	Eastern Time	11-Mar-2005 03:21 PM
Auction Type	Monthly	Offer Period Closes	15-Apr-2005 12:00 AM
Auction Month	May/2005	Offer Month	May/2005

Add To Cart

Location	PTID	Mitigated Generator Group	Offer MW	Offer \$/kW/Month
<input type="text" value="ROS"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="8.2"/>	<input type="text" value="2.50"/>

Insert Offers to Sell

Location	PTID	Mitigated Generator Group	Offer MW	Offer \$/kW/Month	Offer Total	Delete From Cart
Cart does not contain any offers.						

Add Offer to Cart



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MP Name:
 Auction Type:
 Auction Month:
 Offer Month:

Insert Offers to Sell

Current Status			
MP Name	Test MP	Eastern Time	11-Mar-2005 04:22 PM
Auction Type	Monthly	Offer Period Closes	31-Mar-2005 11:25 PM
Auction Month	Nov/2014	Offer Month	Nov/2014

Add To Cart				
Location	PTID	Mitigated Generator Group	Offer MW	Offer \$/kW/Month
<input type="text" value="LI"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Add to Cart"/>				

Insert Offers to Sell						
Location	PTID	Mitigated Generator Group	Offer MW	Offer \$/kW/Month	Offer Total	Delete From Cart
ROS			8.2	\$2.50	\$20,500.00	
Total					\$20,500.00	
<input type="button" value="Save"/>						

Maintain Offers



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MP Name:
 Auction Type:
 Auction Month:
 Offer Month:

Maintain Offers to Sell

Current Status

MP Name	Test MP	Eastern Time	11-Mar-2005 03:51 PM
Auction Type	Monthly (Winter/2014-2015)	Offer Period Closes	31-Mar-2005 11:25 PM
Auction Month	Nov/2014	Offer Month	Mar/2015

Maintain Offers to Sell

Offer Number	Location	PTID	Mitigated Generator Group	Offer MW	Offer \$/kW/Month	Offer Total	Last Updated By	Last Updated Date	Delete
1	ROS	--		<input type="text" value="2.0"/>	<input type="text" value="5.30"/>	\$10,600.00	Jim Lewis	27-Oct-2004 04:12 PM	<input type="checkbox"/>
2	ROS	--		<input type="text" value="2.0"/>	<input type="text" value="6.30"/>	\$12,600.00	Jim Lewis	27-Oct-2004 04:12 PM	<input type="checkbox"/>
3	ROS	--		<input type="text" value="2.0"/>	<input type="text" value="7.30"/>	\$14,600.00	Jim Lewis	27-Oct-2004 04:12 PM	<input type="checkbox"/>
4	ROS	--		<input type="text" value="2.0"/>	<input type="text" value="8.30"/>	\$16,600.00	Jim Lewis	27-Oct-2004 04:12 PM	<input type="checkbox"/>
5	ROS	--		<input type="text" value="2.0"/>	<input type="text" value="9.30"/>	\$18,600.00	Jim Lewis	27-Oct-2004 04:12 PM	<input type="checkbox"/>

Copy Offers

MP Name:
 Copy From Auction Month:
 Copy From Offer Month:

Copy Offers to Sell

Current Status

MP Name	Test MP	Eastern Time	11-Mar-2005 03:58 PM
Copy From Auction Month	Nov/2014	Copy To Current Auction Month	Nov/2014
Copy From Offer Month	Mar/2015	Offer Period Closes	31-Mar-2005 11:25 PM

Copy To Offer Month

Copy to Offer Month (within current capability season)

Copy Offers to Sell

Offer Number	Location	PTID	Mitigated Generator Group	Offer MW	Offer \$/kW/Month	Offer Total
1	ROS	--		2.0	\$5.30	\$10,600.00
2	ROS	--		2.0	\$6.30	\$12,600.00
3	ROS	--		2.0	\$7.30	\$14,600.00
4	ROS	--		2.0	\$8.30	\$16,600.00
5	ROS	--		2.0	\$9.30	\$18,600.00
Total:						\$73,000.00

View Seller Awards

MP Name: Offer Season:

View Seller Awards

Current Status	
MP Name	Test MP
Offer Season	Summer 2015

View Seller Awards						
Month	Auction Type	Auction Month	Location	Mitigated Group	Total Awarded MW	Total Awarded \$
May/2015	Strip	May/2015	LI		2.000	\$26,000.00
May/2015	Strip	May/2015	NYC		22.000	\$132,000.00
May/2015	Strip	May/2015	ROS		9.000	\$90,000.00
Jun/2015	Strip	May/2015	LI		2.000	\$26,000.00
Jun/2015	Strip	May/2015	NYC		22.000	\$132,000.00
Jun/2015	Strip	May/2015	ROS		9.000	\$90,000.00
Jul/2015	Strip	May/2015	LI		2.000	\$26,000.00
Jul/2015	Strip	May/2015	NYC		22.000	\$132,000.00
Jul/2015	Strip	May/2015	ROS		9.000	\$90,000.00
Aug/2015	Strip	May/2015	LI		2.000	\$26,000.00
Aug/2015	Strip	May/2015	NYC		22.000	\$132,000.00
Aug/2015	Strip	May/2015	ROS		9.000	\$90,000.00
Sep/2015	Strip	May/2015	LI		2.000	\$26,000.00
Sep/2015	Strip	May/2015	NYC		22.000	\$132,000.00
Sep/2015	Strip	May/2015	ROS		9.000	\$90,000.00
Oct/2015	Strip	May/2015	LI		2.000	\$26,000.00
Oct/2015	Strip	May/2015	NYC		22.000	\$132,000.00
Oct/2015	Strip	May/2015	ROS		9.000	\$90,000.00
Total:					198.000	\$1,488,000.00

Bids to Purchase UCAP

- **Enter, maintain and copy bids to purchase UCAP**
 - *Perform credit checking*

- **View buyer awards**
 - *Based on auction results over an entire season*

Select Bids to Purchase

ICAP

Auction

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Bids/Offers

Load Forecast

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Offers To Sell

Bids To Purchase

Enter Bids

Copy Bids

Maintain Bids

View Buyer Awards

Enter Bid



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MP Name:
 Auction Type:
 Auction Month:
 Bid Month:

Insert Bids To Purchase

Current Status

MP Name	Test MP	Eastern Time	11-Mar-2005 03:18 PM
Auction Type	Monthly	Bid Period Closes	31-Mar-2005 11:00 PM
Auction Month	Nov/2014	Total Bid Exposure for Month	\$0.00
Bid Month	Nov/2014	Total Bid Exposure for Auction	\$0.00

Info

Posted Collateral	\$100,000,000.00
Unpaid Awarded Bids	\$0.00
Total Bid Exposure	\$0.00
Available Collateral	\$100,000,000.00

Add to Cart

Location	Bid MW	Bid \$/kW/Month
<input type="text" value="LT"/>	<input type="text" value="50.5"/>	<input type="text" value="8.45"/>
<input type="button" value="Add to Cart"/>		

Insert Bids To Purchase

Location	Bid MW	Bid \$/kW/Month	Bid Total \$ (MW * \$/kW/Month * 1000)	Delete From Cart
Cart does not contain any bids.				

Add Bid to Cart

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MP Name:
 Auction Type:
 Auction Month:
 Bid Month:

Insert Bids To Purchase

Current Status			
MP Name	Test MP	Eastern Time	11-Mar-2005 03:16 PM
Auction Type	Monthly	Bid Period Closes	31-Mar-2005 11:00 PM
Auction Month	Nov/2014	Total Bid Exposure for Month	\$0.00
Bid Month	Nov/2014	Total Bid Exposure for Auction	\$0.00

Info	
Posted Collateral	\$100,000,000.00
Unpaid Awarded Bids	\$0.00
Total Bid Exposure	\$0.00
Available Collateral	\$100,000,000.00

Add to Cart		
Location	Bid MW	Bid \$/kW/Month
<input type="text" value="LI"/>	<input type="text"/>	<input type="text"/>
<input type="button" value="Add to Cart"/>		

Insert Bids To Purchase				
Location	Bid MW	Bid \$/kW/Month	Bid Total \$ (MW * \$/kW/Month * 1000)	Delete From Cart
ROS	50.5	\$8.45	\$426,725.00	
Total			\$426,725.00	
<input type="button" value="Save"/>				

Strip and Monthly Auctions

➤ Run Strip or Monthly Auction

- *MP's with no posted collateral have their bids excluded from the auctions*
- *Mitigated offer awards allocated to awarded bids*
- *Partially awarded offers at last offer price prorated to all offers at last offer price*
- *Partially awarded bids at last bid price prorated to all bids at last bid price*
- *External limits enforced*
- *MCP determined for each offer location*

Spot Market Auctions

➤ Run Spot Market Auction

- *Demand curve created to represent bids to purchase*
- *Spot requirements calculated for each location*
- *Deficiencies cleared*
- *Excess awarded capacity allocated to LSEs*

Auction Results

- **View Auction Results to Web**

- *Strip, Monthly and Spot Market Auction each with own format*

- **View Auction Bids and Awards and Auction Offers and Awards**

- *Results must be posted by NYISO before MP's can view their results*

- **View Summary of Rebates to Web**

- *Summary of mitigated rebates by auction for each month of the season*

Select Auctions

ICAP

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[View Strip/Monthly Auction Bid Results](#)

[View Spot Market Auction Purchases](#)

[View Offer Auction Results](#)

[View Strip Auction Summary](#)

[View Monthly Auction Summary](#)

[View Spot Auction Summary](#)

[View Rebate Summary](#)

View Strip Auction Summary

Season: Summer 2015 Auction Month: May/2015 Display

View Strip Auction Summary

View Strip Auction Summary

Summer 2015
Strip Auction Results for UCAP, Auction Starting 05/2015
Posted Date: 10/13/2004 10:30 AM

LI	
Awarded (MW)	2.0
Price (\$/kW - Month)	\$13.00
NYC	
Awarded (MW)	22.0
Price (\$/kW - Month)	\$6.00
RDS	
Awarded (MW)	9.0
Price (\$/kW - Month)	\$10.00
Total RDS Awarded (MW)	9.0
Total Awarded (MW)	33.0
RDS Price Paid By Bidders (Weighted Avg.)	\$10.000

Footnotes:

View Monthly Auction Summary




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Season:
 Auction Month:

View Monthly Auction Summary

View Monthly Auction Summary						
Summer 2015 Monthly Auction Results for UCAP, Auction Starting 05/2015 Posted Date: 10/07/2004 08:42 AM						
	May	Jun	Jul	Aug	Sep	Oct
LI						
Awarded (MW)	0.0	0.0	9.0	0.0	0.0	0.0
Price (\$/kW - Month)	\$0.00	\$0.00	\$2.00	\$0.00	\$0.00	\$0.00
NYC						
Awarded (MW)	30.0	0.0	9.0	15.4	0.0	0.0
Price (\$/kW - Month)	\$5.00	\$0.00	\$2.00	\$9.00	\$0.00	\$0.00
ROS						
Awarded (MW)	14.0	30.0	0.0	0.0	0.0	0.0
Price (\$/kW - Month)	\$8.00	\$5.00	\$0.00	\$0.00	\$0.00	\$0.00
HQ						
Awarded (MW)	0.0	0.0	0.0	0.0	0.0	0.0
Price (\$/kW - Month)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
IMO						
Awarded (MW)	0.0	0.0	0.0	0.0	0.0	0.0
Price (\$/kW - Month)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NE						
Awarded (MW)	0.0	0.0	0.0	0.0	0.0	0.0
Price (\$/kW - Month)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
PJM						
Awarded (MW)	0.0	0.0	0.0	0.0	0.0	0.0
Price (\$/kW - Month)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Total ROS Awarded (MW)	14.0	30.0	0.0	0.0	0.0	0.0
Total Awarded (MW)	44.0	30.0	18.0	15.4	0.0	0.0
ROS Price Paid By Bidders (Weighted Avg.)	\$8.000	\$5.000	\$0.000	\$0.000	\$0.000	\$0.000
Footnotes:						

View Spot Auction Summary


Auction Certify Bids/Offers Load Forecast Calendar EFORD DMNC SCR Upload/Download Billing

Season: Auction Month:

View Spot Auction Summary

View Spot Auction Summary	
Winter 2014-2015 Capability Period 11/2014 Spot Market Auction Results - UCAP Posted Date: 03/11/2005 07:00 PM	
	11/2014
NYC	
Awarded Deficiency (MW)	470.000
Awarded Excess (MW)	70.900
% Excess Above Requirement	15.09
Price (\$/kW-M)	\$0.01
LI	
Awarded Deficiency (MW)	644.000
Awarded Excess (MW)	96.500
% Excess Above Requirement	14.98
Price (\$/kW-M)	\$0.01
NYCA	
Awarded Deficiency (MW)	5,366.000
Awarded Excess (MW)	951.800
% Excess Above Requirement	14.69
Price (\$/kW-M)	\$0.01
HQ	
Awarded as part of NYCA Def./Exc. (MW)	0.000
Price (\$/kW-M)	\$0.01
NE	
Awarded as part of NYCA Def./Exc. (MW)	0.000
Price (\$/kW-M)	\$0.00
IMD	
Awarded as part of NYCA Def./Exc. (MW)	0.000
Price (\$/kW-M)	\$0.00
PJM	
Awarded as part of NYCA Def./Exc. (MW)	0.000

View Auction Offer Results (same for all auctions)



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MP Name:
 Auction Type:
 Auction Month/Year:
 Offer Month:

Auction Offer Results

Auction Offer Results								
Offers					Awards			
Offer #	Location	PTID	Offer Price [(\$/kW-per month) expressed to nearest \$.01]	Offer MW (Expressed to nearest 0.1MW)	Awarded MW	Awarded Price (MCP/Mitigated \$/kW/Month)	Awarded \$ Amount	Mitigated MW
1	ROS		8.00	4.0	4.0	10.00	240,000.00	0.0
2	ROS		9.00	3.0	3.0	10.00	180,000.00	0.0
3	ROS		10.00	3.0	2.0	10.00	120,000.00	0.0
4	ROS		11.00	2.0	0.0	10.00	0.00	0.0
5	ROS		12.00	2.0	0.0	10.00	0.00	0.0
6	ROS		13.00	1.0	0.0	10.00	0.00	0.0
7	ROS		14.00	1.0	0.0	10.00	0.00	0.0
8	NYC		3.00	6.0	6.0	6.00	216,000.00	0.0
9	NYC		4.00	6.0	6.0	6.00	216,000.00	0.0
10	NYC		5.00	5.0	5.0	6.00	180,000.00	0.0
11	NYC		6.00	5.0	5.0	6.00	180,000.00	0.0
12	NYC		7.00	4.0	0.0	6.00	0.00	0.0
13	NYC		8.00	4.0	0.0	6.00	0.00	0.0
14	NYC		9.00	3.0	0.0	6.00	0.00	0.0
15	LI		12.00	2.0	2.0	13.00	156,000.00	0.0
16	LI		13.00	1.0	0.0	13.00	0.00	0.0
17	LI		14.00	1.0	0.0	13.00	0.00	0.0
18	LI		15.00	0.9	0.0	13.00	0.00	0.0
19	LI		16.00	0.9	0.0	13.00	0.00	0.0
20	LI		17.00	0.8	0.0	13.00	0.00	0.0
21	LI		18.00	0.8	0.0	13.00	0.00	0.0
Total				56.4	33.0		1,488,000.00	0.0

View Strip / Monthly Auction Results


Auction Certify Bids/Offers Load Forecast Calendar EFOrd DMNC SCR Upload/Download Billing


MP Name: Test MP Auction Type: Monthly (Summer/2015) Auction Month/Year: May/2015 Bid Month/Year: Jul/2015

View Strip/Monthly Auction Bid Results

Auction Bid Results						
Bids			Awards			
Location	Bid Price [(\$/kW-per month) expressed to nearest \$.01]	Bid MW (Expressed to nearest 0.1MW)	Awarded MW	MCP \$/kW/Month	Awarded \$ Amount	Mitigated MW
NYC	4.00	2.0	2.0	2.00	4,000.00	0.0
NYC	2.00	3.0	2.5	2.00	5,000.00	0.0
Total		5.0	4.5		\$9,000.00	0.0

Note: Mitigated Group associated with the Mitigated MW appears on the View Award pages under Bids/Offers

View Spot Auction Purchases


Auction Certify Bids/Offers Load Forecast Calendar EF0rd DMNC SCR Upload/Download Billing

MP Name Auction Type Auction Month/Year

Spot Market Auction Purchases

Bids				Awards			
Excess/Deficient	Location	Bid Price [(\$/kW-per month) expressed to nearest \$.01]	Bid MW (Expressed to nearest 0.1 MW)	Awarded MW	MCP (\$/kW/Month)	Awarded \$ Amount	Mitigated MW
Excess	ROS			416.413	0.01	4,164.13	0.000
Deficient	ROS			2,194.300	0.01	21,943.00	0.000
Excess	LI			48.250	0.01	482.50	0.000
Deficient	LI			322.000	0.01	3,220.00	0.000
Excess	NYC			35.450	0.01	354.50	0.000
Deficient	NYC			235.000	0.01	2,350.00	0.000
Total				3,251.413		\$32,514.13	

Certify

➤ **View Market Position**

- *Position based on requirements, auction purchases and sales and bilateral agreements*
- *Deficient positions fulfilled in Spot Market Auction*

➤ **Enter and maintain bilateral agreements**

- *Must be confirmed by both parties*
- *Track sales of import rights capacity purchased and resold*

➤ **View Certification Detail Transactions**

- *Lists auction transactions and confirmed bilateral agreements for the month*

➤ **Allocate Sales to PTIDs**

- *Prevents overselling of PTID capacity*

➤ **Assign Transaction ID's to Sales From External Sources**

- *Ties MIS transactions to UCAP sales from external sources*

Certify (continued)

- **View PTID Capacity and Sales Allocations**

- *Summarizes sales allocations, remaining capacity and ICAP sold for DAM*

- **View Summary of Purchases and Sales**

- *Includes auction sales and purchases along with confirmed bilateral agreements*

Select Certify

ICAP

Auction

Certify

Bids/Offers

Load Forecast

Calendar

EFORD

DMNC

SCR

Upload/Download

Billing

Bilateral Agreements

View Market Position

Allocate Sales

View Summary of Purchases and Sales

View PTIDs

View Certification Details

Assign Transaction IDs

View Market Position



Auction

Certify

Bids/Offers

Load Forecast

Calendar

EFORd

DMNC

SCR

Upload/Download

Billing

MP Name

Season

Month

View Market Position

Position Summary							
Location	Purchases	Sales Allocated to Purchases	Requirements	Generator Capacity	Sales Allocated to Generators	Excess Capacity	Overall Position Long/ (Deficient)
NYC	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LI	0.0	0.0	0.0	0.0	0.0	0.0	0.0
ROS	0.0	0.0	0.0	1,902.1	0.0	1,902.1	0.0
PJM	0.0	0.0	0.0	900.0	0.0	900.0	0.0
NE	0.0	0.0	0.0	0.0	0.0	0.0	0.0
HQ	0.0	0.0	0.0	0.0	0.0	0.0	0.0
IMO	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total:	0.0	0.0	0.0	2,802.1	0.0	2,802.1	0.0

Maintain Bilateral Agreements



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MP Name:
 Month:

Maintain Bilateral Agreements

Insert Bilateral Agreement

Purchase / Sale	Location	2nd Party	Import Right #	Mitigated Generator Group	MW
<input type="text" value="Sale"/>	<input type="text" value="ROS"/>	<input type="text" value="America"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="3"/>

Maintain Unconfirmed Agreements

Purchase / Sale	Location	2nd Party	Import Right #	Mitigated Generator Group	MW	Confirmed by MP	Confirmed by 2nd Party	Last Updated By	Last Update Date	Delete
Purchase	ROS	America			<input type="text" value="15.0"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Mike Miller	11-Mar-2005 04:35 PM	<input type="checkbox"/>

View Certification Details



Auction Certify Bids/Offers Load Forecast Calendar EFORd DMNC SCR Upload/Download Billing

MP Name Test MP Season Winter 2015-2016 Location ALL Month Nov/2015

View Certification Details

Auction and Bilateral Agreement Transactions

Location	2nd Party	Right #	Type	Mitigated Generator Group	Purchased MW	Sold MW	Last Updated By	Last Updated Date
NYC	Nov Monthly Auction			Mit Grp1		7.3		
NYC	Nov Monthly Auction			Mit Grp2		3.7		
NYC	Nov Monthly Auction					6.0		
LI	Nov Monthly Auction					7.7		
LI	Nov Monthly Auction					6.3		
Total:					0.0	31.0		

Allocate Sales



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MP Name:
 Season:
 Location:
 Month:
 Mitigated Generator Group:

Allocate Sales

Location Sales Summary

Location	Mitigated Generator Group	Auction and Bilateral Sales	Unallocated Balance
ROS		638.2	0.0

Sales Allocations

Location	Mitigated Generator Group	Name	Available UCAP	Allocated Auction and Bilateral Sales	Unsold UCAP	Last Updated By	Last Update Date
ROS		Test1	0.0	<input type="text"/>	0.0		
ROS		Test2	0.0	<input type="text"/>	0.0		
ROS		Test3	0.0	<input type="text"/>	0.0		
ROS		Test4	0.0	<input type="text"/>	0.0		
ROS		Test5	0.0	<input type="text"/>	0.0		
ROS		Test6	0.0	<input type="text"/>	0.0		
ROS		Test7	0.0	<input type="text"/>	0.0		
ROS		Test8	900.0	<input type="text" value="638.2"/>	261.8		
ROS		Test9	900.0	<input type="text"/>	900.0		

View PTID Capacity and Sales Allocation



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MP Name:
 Season:
 Month:

View PTIDs

Summary of Capacity and Sales Allocations

PTID	Name	Location	Mitigated Generator Group	Capacity (DMNC)	EFORD %	Available For Sale - UCAP	Auction and Bilateral Sales	Supplemental Sales	Unsold	ICAP Sold for DAM
123	Test1	ROS		1,000.0	10.00	900.0	638.2	0.0	261.8	709.1
234	Test2	ROS		1,000.0	10.00	900.0	0.0	0.0	900.0	0.0
345	Test3	NE		0.0	45.00	0.0	0.0	0.0	0.0	0.0
456	Test4	NE		0.0	45.00	0.0	0.0	0.0	0.0	0.0
567	Test5	NE		0.0	45.00	0.0	0.0	0.0	0.0	0.0
678	Test6	NE		0.0	45.00	0.0	0.0	0.0	0.0	0.0
Total:				2,000.0		1,800.0	638.2	0.0	1,161.8	709.1

View Summary of Purchases and Sales

ICAP Auction Certify Bids/Offers Load Forecast Calendar EFORD DMNC SCR Upload/Download Billing

MP Name: Season: Month:

View Summary of Purchases and Sales

Sales Summary			
Type	Location	Mitigated Generator Group	MW
Spot Auction Sales	ROS		638.2
Total:			638.2

Purchases Summary			
Type	Location	Mitigated Generator Group	MW
No data matches your filter criteria.			

Billing

➤ **Maintain Daily Forecasted Load and Actual True-Up Load**

- *Weighted average load shift and true-up calculated based on daily forecasts provided by Transmission Owners*

Select Billing

ICAP Auction Load Forecast Calendar Upload/Download **Billing**

- Maintain Daily Forecasted Load and Actual True Up Load
- View Load Shift Billing Adjustments
- View Daily Forecasted Load and True Up Load
- View Load Shift Billing Adjustments Reconciliation

Maintain Daily Forecasted Loads



Auction

Load Forecast

Calendar

Upload/Download

Billing

Transmission Owner TEST TO

LSE TEST LSE

Year 2015

Load Month May


Location TD

Display

Maintain Daily Forecasted Load and Actual True Up Load

Maintain				
Day	Forecast	Trueup	Last Updated Date	Last Updated By
1	0.000	0.000	N/A	N/A
2	0.000	0.000	N/A	N/A
3	0.000	0.000	N/A	N/A
4	0.000	0.000	N/A	N/A
5	0.000	0.000	N/A	N/A
6	0.000	0.000	N/A	N/A
7	0.000	0.000	N/A	N/A
8	0.000	0.000	N/A	N/A
9	0.000	0.000	N/A	N/A
10	0.000	0.000	N/A	N/A
11	0.000	0.000	N/A	N/A
12	0.000	0.000	N/A	N/A
13	0.000	0.000	N/A	N/A
14	0.000	0.000	N/A	N/A
15	0.000	0.000	N/A	N/A
16	0.000	0.000	N/A	N/A
17	0.000	0.000	N/A	N/A
18	0.000	0.000	N/A	N/A
19	0.000	0.000	N/A	N/A
20	0.000	0.000	N/A	N/A
21	0.000	0.000	N/A	N/A
22	0.000	0.000	N/A	N/A
23	0.000	0.000	N/A	N/A
24	0.000	0.000	N/A	N/A
25	0.000	0.000	N/A	N/A

View Load Shift Billing Adjustments Summary (LSE Only)



Auction
Load Forecast
Calendar
Upload/Download
Billing

Transmission Owner:
 Type:
 Month/Year:

View Load Shift Billing Adjustments Summary

Load Adjustment Billing Summary						
Transmission Owner	LSE	Location	Weighted Avg Load Shift	Ucap Effective %	MCP	Billing Adjustment
Metering Authority - 1	TEST LSE 1	TD	0.00000000	9.00	0.000	0.00
Metering Authority - 2	TEST LSE 1	TD	0.00000000	9.00	0.000	0.00
Metering Authority - 3	TEST LSE 1	TD	0.00000000	9.00	0.000	0.00
Metering Authority - 4	TEST LSE 1	TD	0.00000000	9.00	0.000	0.00
Metering Authority - 5	TEST LSE 1	TD	0.00000000	9.00	0.000	0.00
Metering Authority - 6	TEST LSE 1	TD	0.00000000	9.00	0.000	0.00
Metering Authority - 7	TEST LSE 1	TD	0.00000000	9.00	0.000	0.00

View Load Shift Billing Adjustments Details (LSE Only)


Auction Load Forecast Calendar Upload/Download Billing

Transmission Owner: LSE: Type: Month/Year: Location:

View Load Shift Billing Adjustments Details

Load Adjustment Billing Summary					
Initial Forecast	Weighted Avg Load Shift	Ucap Effective Percent	MCP	Billing Adjustment	Summary Link
4,990.0	-1.00000000	8.10	0.010	-0.81	Return to Summary

Load Adjustment Billing Details			
Day	Load	Load Adjustment	Weighted Load Adjustment
01-Nov-2014	4,999.000	9.000	270.000
02-Nov-2014	4,999.000	0.000	0.000
03-Nov-2014	4,999.000	0.000	0.000
04-Nov-2014	4,999.000	0.000	0.000
05-Nov-2014	4,999.000	0.000	0.000
06-Nov-2014	4,999.000	0.000	0.000
07-Nov-2014	4,999.000	0.000	0.000
08-Nov-2014	4,999.000	0.000	0.000
09-Nov-2014	4,999.000	0.000	0.000
10-Nov-2014	4,999.000	0.000	0.000
11-Nov-2014	4,999.000	0.000	0.000
12-Nov-2014	4,999.000	0.000	0.000
13-Nov-2014	4,999.000	0.000	0.000
14-Nov-2014	4,999.000	0.000	0.000
15-Nov-2014	4,999.000	0.000	0.000
16-Nov-2014	4,999.000	0.000	0.000
17-Nov-2014	4,999.000	0.000	0.000
18-Nov-2014	4,999.000	0.000	0.000
19-Nov-2014	4,999.000	0.000	0.000
20-Nov-2014	4,999.000	0.000	0.000
21-Nov-2014	4,999.000	0.000	0.000

View Daily Forecasted Load and True Up Load (TOs only)



Auction Load Forecast Calendar Upload/Download Billing

Transmission Owner TEST TO Type Forecasted Year 2014 Load Month November Location TD Display

View Daily Forecasted Load and True Up Load

View			
LSE	Location	Total Load	Total Load Shift
LSE1	NYCA	4999.00000000	1.000
LSE2	NYCA	5001.00000000	-1.000
LSE3	NYCA	0.00000000	0.000
Total:		10000.00000000	0.000

View Consolidated Billing Summary



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MP Name:
 Month:

Consolidated Billing Summary

Consolidated Billing Summary		Auction					Load Adjustments					
Billing Org	MP Name	Strip	Monthly	Spot	Supplementary	Total	Estimated	True Up	Rebates	DMNC	Adjustments	Total Billed
TEST BILLING ORG	TEST MP	0.00	0.00	3,172.50	0.00	3,172.50	10.64	0.00	0.00	0.00	0.00	3,183.14

View Consolidated Billing Details

MP Name: TEST MP Month: Nov/2014 Display

Consolidated Billing Detail

Consolidated Billing Detail		LI	NYC	RDS	Total
Strip Auction	Purchased \$	0.00	0.00	0.00	0.00
	Sold \$	0.00	0.00	0.00	0.00
Total Strip Auction		0.00	0.00	0.00	0.00
Monthly Auction	Purchased \$	0.00	0.00	0.00	0.00
	Sold \$	0.00	0.00	0.00	0.00
Total Monthly Auction		0.00	0.00	0.00	0.00
Spot Auction	Purchased \$	3,702.50	0.00	14,877.00	18,579.50
	Sold \$	3,702.00	11,705.00	0.00	15,407.00
Total Spot Auction		0.50	(11,705.00)	14,877.00	3,172.50
Supplemental Auction	Extended \$	0.00	0.00	0.00	0.00
Total Supplemental Auction		0.00	0.00	0.00	0.00
Load Shift	MW	1.00000000	0.00000000	1.00000000	2.00000000
	Clearing \$/kW	0.01	0.00	0.01	
Total Load Shift		0.64	0.00	10.00	10.64
Load Shift True Up	TU MW	0.00000000	0.00000000	0.00000000	0.00000000
For Month: Aug/2014	Org MW	0.00000000	0.00000000	0.00000000	0.00000000
	Shift	0.00000000	0.00000000	0.00000000	0.00000000
	Clearing \$/kW	0.00	0.00	0.00	
Total Load Shift True Up		0.00	0.00	0.00	0.00
Special Adjustments	Mitigated Rebate	0.00	0.00	0.00	0.00
	DMNC Adjustments	0.00	0.00	0.00	0.00
	Manual Adjustments	0.00	0.00	0.00	0.00
Total Special Adjustments		0.00	0.00	0.00	0.00
GRAND TOTAL					3,183.14

Upload / Download

➤ Upload / Download

- *Templates used to upload and download data*

Select Upload / Download

ICAP

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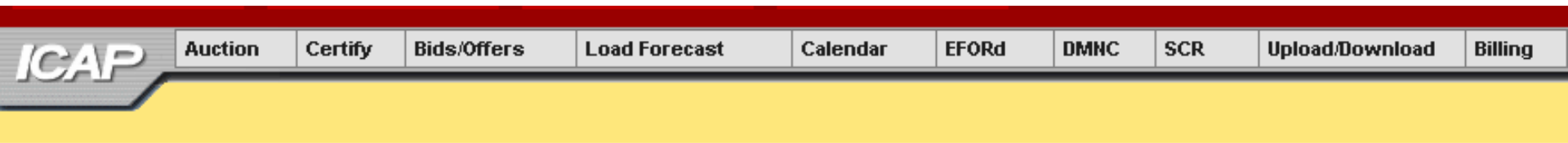
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File name:

Each Market Participant is responsible for entering bid information into the Market Information System accurately, completely, and in a timely fashion. Each Market Participant is responsible for the results, intended or otherwise, of its individual bidding strategies. The NYISO's liability for damages to any Market Participant or other party that may result from its administration of the wholesale energy markets in New York is strictly limited under Section 12.3 of the NYISO Market Administration and Control Area Services Tariff to direct damages resulting from gross negligence or intentional misconduct.

Upload Bids

**TRAN_TYPE=UCAP_UPLOAD_BID&
USERID=testuser&
PASSWORD=TEST&
DATA_ROWS=4&
Monthly,12/2004,12/2004,NYC,2.0,2.15
Monthly,12/2004,12/2004,LI,2.2,2.32
Monthly,12/2004,12/2004,ROS,2.3,2.43
Monthly,12/2004,12/2004,ROS,2.5,2.64**

Auction Type, Auction Month, Bid Month, Location, Bid MW, Bid Price

All fields are required

Upload Offers

**TRAN_TYPE=UCAP_UPLOAD_OFFER&
USERID=TESTUSER&
PASSWORD=TEST&
DATA_ROWS=3&
Monthly,11/2004,11/2004,ROS,3.2,5.50,,,,
Monthly,11/2004,11/2004,NE,4,4.50,Gen,999999,
Monthly,11/2004,11/2004,NYC,40,6.75,,,MitGrp1**

Auction Type, Auction Month, Offer Month, Offer Location, Offer MW, Offer Price, PTID Type, PTID, Mitigated Generator Group

PTID Type, PTID and Mitigated Generator Group are optional. All other fields are required.

For Strip and Monthly Auctions, only External Locations can specify PTID Type (PTID) and PTID.

All external offers must specify PTID Type and PTID.

For Spot Market Auction, all locations can specify PTID Type (PTID or SCR) and PTID.

Mitigated Generator Group can be specified in any auction.

Upload Monthly Load Forecasts

**TRAN_TYPE=UCAP_UPLOAD_LOADFORECAST&
USERID=test&
PASSWORD=test&
DATA_ROWS=1&
Test LSE,TD,02/2008,estload,actual,400**

**LSE, Location, Month, Forecast Type (ESTLOAD), Load Forecast Type
(Actual), Forecast**

All fields are required

Upload Daily Load Forecasts

**TRAN_TYPE=UCAP_UPLOAD_LOADFORECAST&
USERID=TESTUSER&
PASSWORD=TEST&
DATA_ROWS=31&
TEST LSE, NYC, 05/01/2010, LOADSHIFT, ACTUAL, 5.123
TEST LSE, NYC, 05/02/2010, LOADSHIFT, ACTUAL, 5.113
TEST LSE, NYC, 05/03/2010, LOADSHIFT, ACTUAL, 5.120
TEST LSE, NYC, 05/04/2010, LOADSHIFT, ACTUAL, 5.133
:
:
TEST LSE, NYC, 05/30/2010, LOADSHIFT, ACTUAL, 5.153
TEST LSE, NYC, 05/31/2010, LOADSHIFT, ACTUAL, 5.134**

LSE, Location, Forecast Date, Forecast Type (LOADSHIFT or TRUEUP), Load Forecast Type (Actual), Forecast (i.e. loadshift MW)

All fields are required

Download Bids

**TRAN_TYPE=UCAP_DOWNLOAD_BID&
USERID=testuser&
PASSWORD=test&
AUCTION_TYPE=strip&
AUCTION_MONTH_YEAR=11/2008&
BID_MONTH_YEAR=11/2008&**

Response:

**TIME_STAMP=03/10/2005 14:10
TRAN_TYPE=UCAP_DOWNLOAD_BID
DATA_ROWS=3
"strip","11/2008","11/2008","NYC",11.2,7.50,"testuser","01-Mar-2004 10:05 AM"
"strip","11/2008","11/2008","LI",10.3,4.50,"testuser","01-Mar-2004 10:05 AM"
"strip","11/2008","11/2008","ROS",9.4,2.35,"testuser","01-Mar-2004 10:05 AM"**

**Auction Type, Auction Month, Bid Month, Location, Bid MW, Bid Price, Last Update
User, Last Update Date**

Download Offers

TRAN_TYPE=UCAP_DOWNLOAD_OFFER&
USERID=testuser&
PASSWORD=test&
AUCTION_TYPE=monthly&
AUCTION_MONTH_YEAR=11/2004&
OFFER_MONTH_YEAR=12/2004&

Response:

TIME_STAMP=03/10/2005 14:10
TRAN_TYPE=UCAP_DOWNLOAD_OFFER
DATA_ROWS=3

"monthly","11/2004","12/2004","ROS",3.2,5.50,"", "", "", "user", "01-Mar-2004 10:05 AM"
"monthly","11/2004","12/2004","NE",4,4.50,"Gen", "GEN1", "", "user", "01-Mar-2004 10:05 AM"
"monthly","11/2004","12/2004","NYC",40,6.75,"", "", "MitGrp1", "user", "01-Mar-2004 10:05 AM"

Auction Type, Auction Month, Offer Month, Location, Offer MW, Offer Price,
PTID Type (Gen or SCR), PTID (or SCR), Mitigated Gen Group, Last Update User,
Last Update Date

Download DMNC Test Results

TRAN_TYPE=UCAP_DOWNLOAD_DMNC&
USERID=testuser&
PASSWORD=test&
SEASON=Winter&
CAP_YEAR=2004&
PTID_TYPE=Internal&
TEST_TYPE=DMNC&
GEN_TYPE=HYDRO&

Season and Capability Year
are required.



Response:

TIME_STAMP=07/26/2004 14:10
TRAN_TYPE=UCAP_DOWNLOAD_DMNC
DATA_ROWS=1
"WINTER",2004,"HYDRO","Internal","DMNC",123456,"01/01/2004",06,30.01,100,38.45,100.1,,,,100.5
,"04/22/2004","Test remarks","APPROVED","testuser","05-Mar-2004 03:20 PM"

Season, Capability Year, Generator Type, PTID Type, Test Type, PTID (or SCR),
Test Date, Beginning Hour, Avg Amb Temp, Pre-test Rating, Test Temp, Test1, Test2, Test3, Test4,
Per-curve, Effective Date, Remarks, Status, Last Update User,
Last Update Date

Download Load Forecasts

**TRAN_TYPE=UCAP_DOWNLOAD_LOADFORECAST&
USERID=testuser&
PASSWORD=test&
FORECAST_DATE=05/2004&
LSE=lse_1&
LOAD_FORECAST_TYPE=actual&
LOCATION=TD&**

Response:

**TIME_STAMP=03/10/2005 14:10
TRAN_TYPE=UCAP_DOWNLOAD_LOADFORECAST
DATA_ROWS=31
"lse_1","TD","05/01/2004","Actual",100.1,120.1,246.4,100.218,100.192,"user",
"10-Apr-2004 12:31 PM"
.
"lse_1","TD","05/31/2004","Actual",100.1,120.1,246.4,100.232,100.192,"user",
"10-Apr-2004 12:31 PM"**

**LSE, Location, Forecast Date, Type (Actual or Estimate), Load Forecast MW,
Fixed Load MW, UCAP Requirement MW, Daily Load MW, True Up Load MW,
Last Update User, Last Update Date**

Download Bilaterals

**TRAN_TYPE=UCAP_DOWNLOAD_BILATERALS&
USERID=testuser&
PASSWORD=test&
MONTH=10/2004&**

Response:

**TIME_STAMP=11/26/2004 14:10
TRAN_TYPE=UCAP_DOWNLOAD_BILATERALS
DATA_ROWS=1
"10/2004","PURCHASE","ROS","Party A",,"Gen Grp1",100.1,"Y","N","webuser",
"10-May-2004 12:31 PM"**

**Auction Month, Type (Purchase or Sale), 2nd Party, Imp Right#, Mitigated Group,
MW, Confirmed By MP (Y/N), Confirmed by 2nd Party (Y/N), Last Update User,
Last Update Date**

Download Certification Details

**TRAN_TYPE=UCAP_DOWNLOAD_CERT_DETAILS&
USERID=testuser&
PASSWORD=test&
MONTH=06/2004&**

Response:

**TIME_STAMP=07/26/2004 14:10
TRAN_TYPE=UCAP_DOWNLOAD_CERT_DETAILS
DATA_ROWS=2
"06/2004","ROS","Party A",,"",,"100.1","webuser","10-Apr-2004 12:31 PM"
"06/2004","ROS","Strip Auction",,"",,"312.3",,""**

**Auction Month, Location, 2nd Party, Imp Right#, Type (Auction Type or blank),
Mitigated Group, MW, Last Update User, Last Update Date**

Download PTID Capacity and Sales

**TRAN_TYPE=UCAP_DOWNLOAD_PTID_CAPACITY&
USERID=testuser&
PASSWORD=test&
MONTH=06/2004&**

Response:

**TIME_STAMP=07/26/2004 14:10
TRAN_TYPE= UCAP_DOWNLOAD_PTID_CAPACITY
DATA_ROWS=1
"06/2004",PTID1,"Generator xyz","NYC","Gen Group A",
104.0,0.0545,100.1,50.0,25.0,25.1,79.3**

**Auction Month, PTID, PTID Name, Location, Mitigated Generator Group, DMNC, EFORD,
Available for Sale MW, Sold MW, Supplemental Sales, Unsold MW, ICAP MW for DAM**

Download Summary of Purchases and Sales

**TRAN_TYPE=UCAP_DOWNLOAD_PURCHASES_SALES&
USERID=testuser&
PASSWORD=test&
MONTH=06/2004&**

Response:

**TIME_STAMP=07/26/2004 14:10
TRAN_TYPE= UCAP_DOWNLOAD_PURCHASE_SALES
DATA_ROWS=2
"06/2004","Purchase – Bilateral Agreements","ROS","Mit Gen Group A",100.1
"06/2004","Sale – Strip Auction Sales","ROS","",312.3**

Auction Month, Type, Location, Mitigated Generator Group, MW