

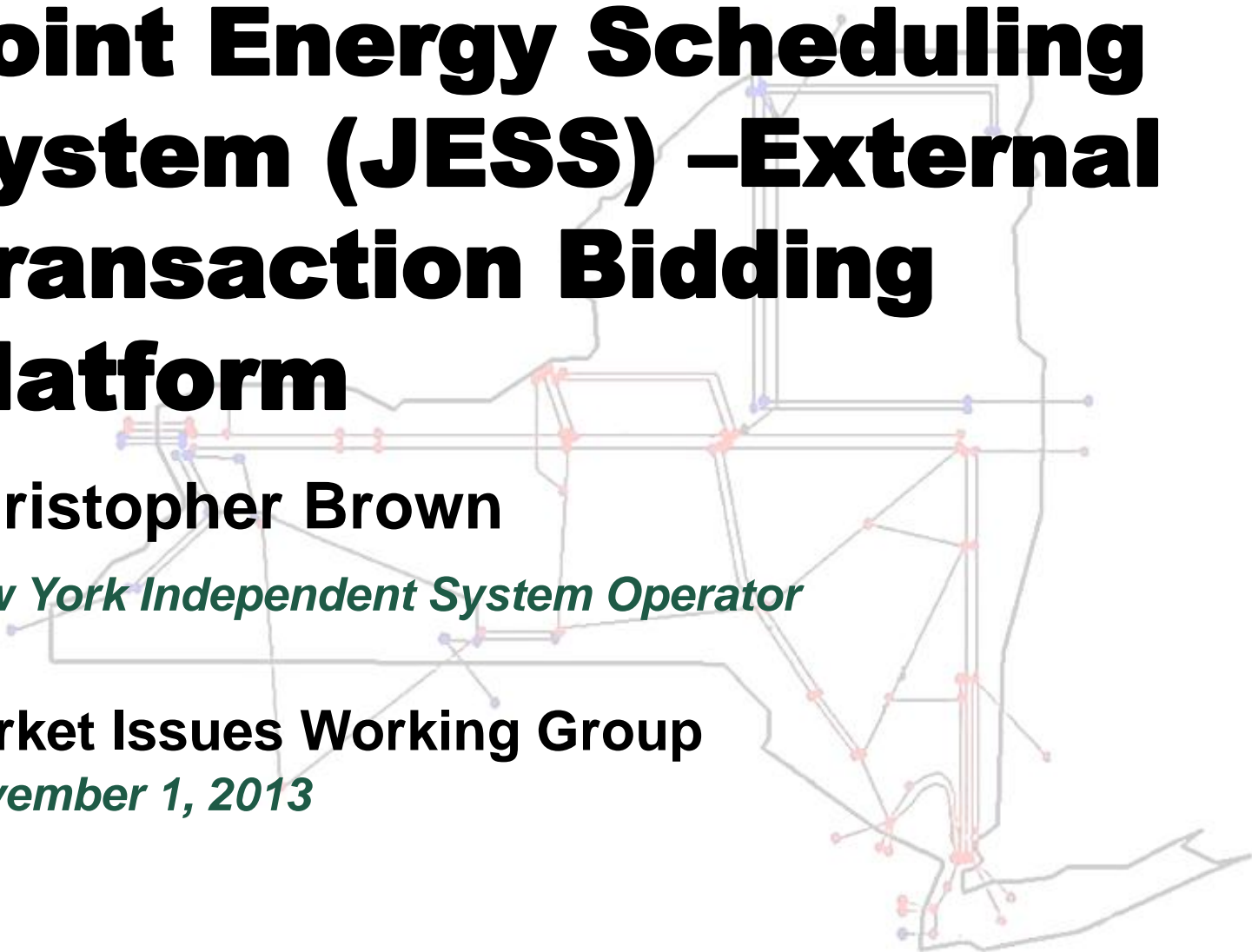
Joint Energy Scheduling System (JESS) – External Transaction Bidding Platform

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Market Issues Working Group

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Agenda

- ◆ **JESS Overview**
- ◆ **Implementation Schedule**
- ◆ **Training & Sandbox Testing**
- ◆ **Next Steps**

Jess Overview (1)

- ◆ **All external energy market transaction bidding functions executed in JESS**
- ◆ **Internal energy market transaction bidding will remain in current Marketplace application**
- ◆ **New JESS web user interface**
- ◆ **New URLs:**
 - *Web Interface*
 - *Upload/download*

Jess Overview (2)

- ◆ **Upload/download templates**
 - *Use existing data structure*
 - *Revised template names for 3 of 5 templates*
- ◆ **Separate log-in screen from Marketplace**
- ◆ **Use existing user credentials and digital certificates**
- ◆ **Common bid platform required for future CTS implementations**

Contracts Tab

Logged in as: JESS_D1 Logout Visit Marketplace

Joint Energy Scheduling System Prototype – work in progress

Contracts Bids

Search Contracts Results (3) Create Contract

ID	Source	Sink	User Ref	Last Update U...	Last Update	Type	
<input type="checkbox"/> 11193536	NYISO_LBMP_REFERENCE	PJM_LOAD_KEYSTONE	ABC123	JESS_D1	1382533762000	Transaction	<div style="border: 1px solid gray; padding: 2px;"> Action(s) ▾ Create Bid Show Bid(s) Delete Reassign </div>
<input type="checkbox"/> 11193538	N.E._GEN_SANDY PD	NYISO_LBMP_REFERENCE	ABC456	JESS_D1	1382533825000	Transaction	
<input type="checkbox"/> 11193540	59TH STREET_GT_1	OH_LOAD_BRUCE	ABC789	JESS_D1	1382533899000	Transaction	

Search

Transaction ID:

Transaction Type: None Selected ▾

Source: None Selected ▾

Sink: None Selected ▾

NERC Priority: None Selected ▾

User Ref:

Actions for Selected: Delete Reassign

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New Bid Screen

Logged in as: JESS_D1
Logout Visit Marketplace

Joint Energy Scheduling System

Prototype – work in progress

[Dashboard](#) > Bidding

Contract Details

Transaction ID: 11193538	Multi-Hour Block Transaction: No	NERC Priority: FIRM (F-7)
Source: N.E_GEN_SANDY PD	Sink: NYISO_LBMP_REFERENCE	User Ref: ABC456

New Bid

Bid Date:
10/25/2013 00:00 EDT

Num Hours:

Market:
DAM

Schedule Type:
Hourly

SCA
ISNE

PSE

Unique Num
1234

RCA
NYIS

NERC Tag:

Energy Profile MW: **HAM Bid Price:**

	Point 1	Point 2	Point 3	Point 4	Point 5	Point 6	Point 7	Point 8	Point 9	Point 10	Point 11
MW	<input type="text" value="10"/>	<input type="text" value="20"/>	<input type="text" value="30"/>	<input type="text" value="40"/>	<input type="text" value="50"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
Price (\$)	<input type="text" value="25"/>	<input type="text" value="30"/>	<input type="text" value="35"/>	<input type="text" value="40"/>	<input type="text" value="45"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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Bids Tab

Logged in as: JESS_D1 Logout Visit Marketplace

Joint Energy Scheduling System Prototype – work in progress

Contracts **Bids**

All Bids for All Transaction Contracts Start Date: 10/23/2013 00:00 EDT End Date: 10/23/2013 23:00 EDT Search Advanced

	Contract ID	Date HR	Market	Source	Sink	Status	Confirmations			Action(s)
							FRP	Buyer	Seller	
<input type="checkbox"/>	11193536	10/25/2013 00:00 EDT	DAM	NYISO_LBMP_REFER...	PJM_LOAD_KEYSTONE	VALIDATION PASSED	Y	Y	Y	Action(s)
<input type="checkbox"/>	11193540	10/25/2013 00:00 EDT	DAM	59TH STREET_GT_1	OH_LOAD_BRUCE	WAITING CONFIRMA...	Y	Y	N	View Bid
<input type="checkbox"/>	11193540	10/25/2013 01:00 EDT	DAM	59TH STREET_GT_1	OH_LOAD_BRUCE	WAITING CONFIRMA...	Y	Y	N	Clone Bid
<input type="checkbox"/>	11193536	10/25/2013 01:00 EDT	DAM	NYISO_LBMP_REFER...	PJM_LOAD_KEYSTONE	VALIDATION PASSED	Y	Y	Y	Confirm Bid
<input type="checkbox"/>	11193536	10/25/2013 02:00 EDT	DAM	NYISO_LBMP_REFER...	PJM_LOAD_KEYSTONE	VALIDATION PASSED	Y	Y	Y	Unconfirm Bid
<input type="checkbox"/>	11193540	10/25/2013 02:00 EDT	DAM	59TH STREET_GT_1	OH_LOAD_BRUCE	WAITING CONFIRMA...	Y	Y	N	Delete Bid
<input type="checkbox"/>	11193536	10/25/2013 03:00 EDT	DAM	NYISO_LBMP_REFER...	PJM_LOAD_KEYSTONE	VALIDATION PASSED	Y	Y	Y	Action(s)
<input type="checkbox"/>	11193540	10/25/2013 03:00 EDT	DAM	59TH STREET_GT_1	OH_LOAD_BRUCE	WAITING CONFIRMA...	Y	Y	N	Action(s)
<input type="checkbox"/>	11193536	10/25/2013 04:00 EDT	DAM	NYISO_LBMP_REFER...	PJM_LOAD_KEYSTONE	VALIDATION PASSED	Y	Y	Y	Action(s)
<input type="checkbox"/>	11193540	10/25/2013 04:00 EDT	DAM	59TH STREET_GT_1	OH_LOAD_BRUCE	WAITING CONFIRMA...	Y	Y	N	Action(s)
<input type="checkbox"/>	11193540	10/25/2013 05:00 EDT	DAM	59TH STREET_GT_1	OH_LOAD_BRUCE	WAITING CONFIRMA...	Y	Y	N	Action(s)
<input type="checkbox"/>	11193536	10/25/2013 05:00 EDT	DAM	NYISO_LBMP_REFER...	PJM_LOAD_KEYSTONE	VALIDATION PASSED	Y	Y	Y	Action(s)
<input type="checkbox"/>	11193536	10/25/2013 06:00 EDT	DAM	NYISO_LBMP_REFER...	PJM_LOAD_KEYSTONE	VALIDATION PASSED	Y	Y	Y	Action(s)
<input type="checkbox"/>	11193536	10/25/2013 07:00 EDT	DAM	NYISO_LBMP_REFER...	PJM_LOAD_KEYSTONE	VALIDATION PASSED	Y	Y	Y	Action(s)
<input type="checkbox"/>	11193536	10/25/2013 08:00 EDT	DAM	NYISO_LBMP_REFER...	PJM_LOAD_KEYSTONE	VALIDATION PASSED	Y	Y	Y	Action(s)
<input type="checkbox"/>	11193536	10/25/2013 09:00 EDT	DAM	NYISO_LBMP_REFER...	PJM_LOAD_KEYSTONE	VALIDATION PASSED	Y	Y	Y	Action(s)

Advanced Search X

Start Date: *
10/23/2013 00:00 EDT

End Date:
10/26/2013 23:00 EDT

Transaction ID:

User Ref:

Transaction Type:
None Selected

Source:
None Selected

Sink:
None Selected

Bid Status:
None Selected

Market:
None Selected

Bid Schedule Type:
None Selected

NERC Tag Status:
None Selected

FRP Status:
None Selected

Seller Status:
None Selected

Buyer Status:
None Selected

Actions for Selected: Page 1 of 1 | Displaying 1 - 16 of 16

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Upload/Download Templates (1)

- ◆ **JESS upload/download templates will employ same structure as existing Marketplace templates**
- ◆ **New names for some templates:**
 - ***Submit Bid***
 - EXT_TRAN_BID (JESS)
 - Same name as existing Marketplace version
 - ***Confirm Bid***
 - CONFIRM_EXT_TRAN_BID (JESS)
 - CONFIRM_TRAN_BID (Marketplace)

Upload/Download Templates (2)

- *Delete Bid*
 - DELETE_EXT_TRAN_BID (JESS)
 - DELETE_TRAN_BID (Marketplace)
- *Download Bids and Schedules*
 - EXT_TRAN_SCH (JESS)
 - Same name as existing Marketplace version
- *Download Contract*
 - EXT_TRAN_CONTRACT (JESS)
 - TRAN_CONTRACT (Marketplace)

Implementation Schedule

- ◆ **JESS deployment targeted for mid-March 2014**

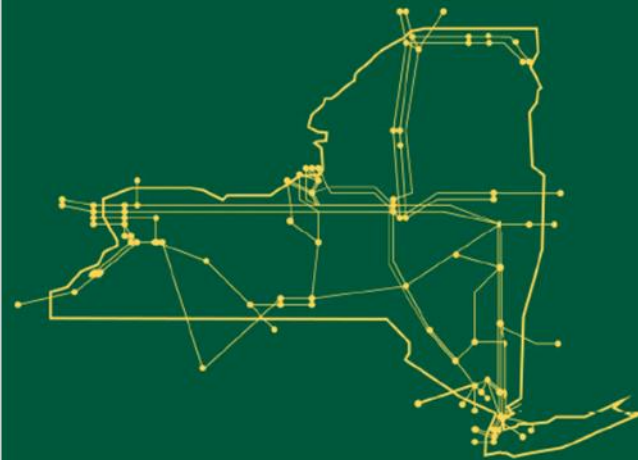
MP Training and Sandbox Testing

- ◆ **Market training sessions planned for January 14 & 16, 2014**
- ◆ **Two sessions of sandbox testing planned:**
 - *Mid-January 2014*
 - *Mid-February 2014*

Next Steps

- ◆ JESS overview with MIWG -11/01/2013
- ◆ **Training sessions –January 2014**
- ◆ **Sandbox testing –February 2014**
- ◆ **Deployment –March 2014**

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