Reference Level Software (RLS) and Increasing Bids in Real Time Update

Presenter

MaryHelen Donnelly
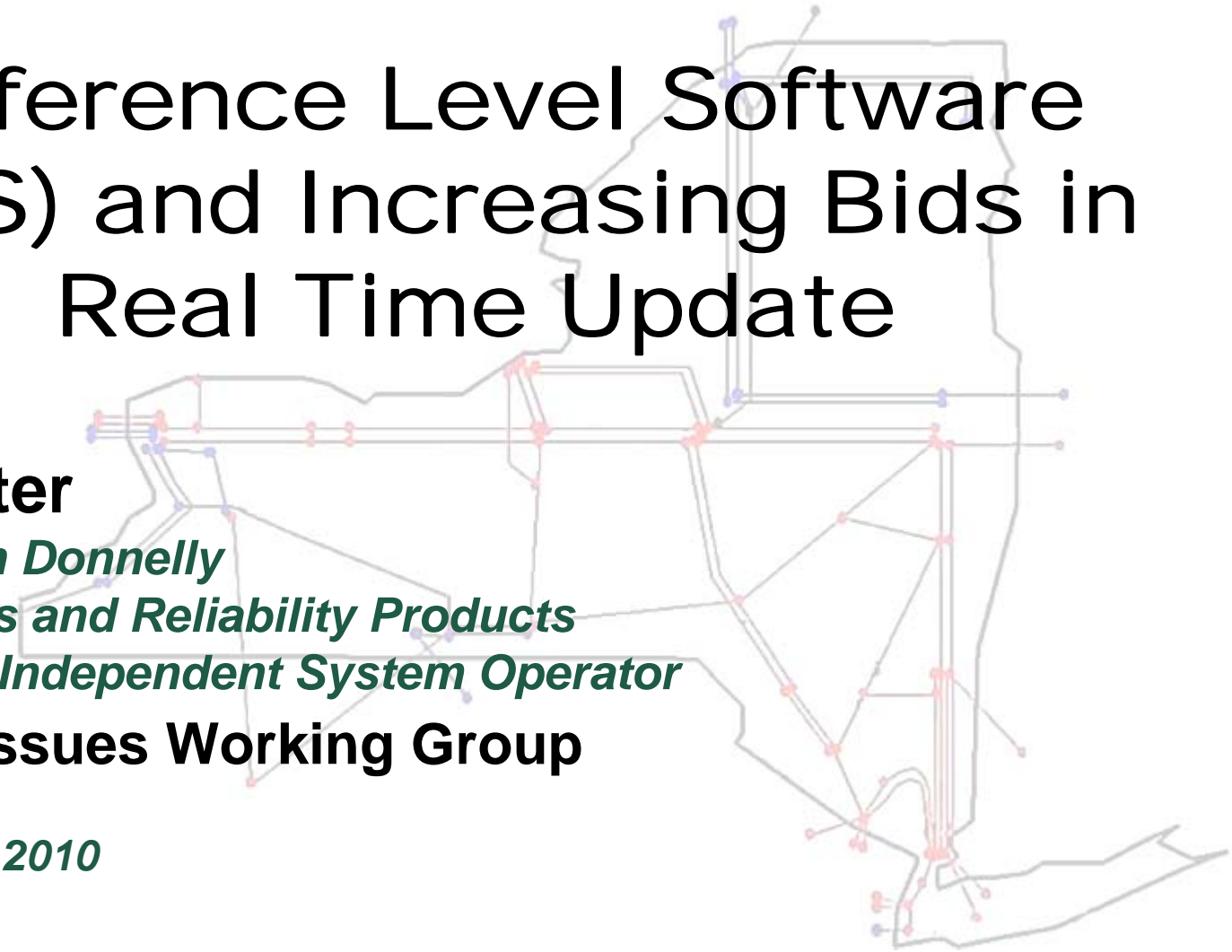*Operations and Reliability Products*
New York Independent System Operator

Market Issues Working Group

KCC
August 23, 2010

Market Trial

- Market trial for RLS and Increasing Bids in Real Time is targeted for the week of August 30th, 2010

- Schedule:
  - *Monday, 8/30*
    - MP Administrators will log into MIS and set up user accounts with privileges for RLS
  - *Tuesday, 8/31 and Wednesday, 9/1*
    - MPs will view and submit cost based data
    - MPs will increase RT bids, enter updated fuel data on bids
    - MMA will review and approve or reject cost based data

- Refer to RLS Training Materials from 8/17/10 Webex training

RLS/Increasing Bids in Real Time for Production

- Production deployment is targeted for September 30th, 2010

- RLS Cost Based Data
  - *Current, approved cost based data will be converted into RLS for each generator*
  - *Updated reference contact previously sent to CRD will be uploaded in to RLS*

- To access RLS in production:
  - *URL www.reference.nyiso.com*
  - *User must have valid digital certificate*
  - *MP administrator will need to:*
    - Grant RLS roles to specific users
    - Tie user's to generators they can view in RLS
    - Note: There is a one day lag from when the MP admin adds these privileges to when the user can access RLS

- Increasing Bids in Real Time can be accessed via the Marketplace application

Fuel Data on Bid

- For deployment, the capability to enter fuel data on DAM and RT bids:
  - *Will be turned* **on** *for all generators that burn fuel oil, gas or kerosene*
    - To turn this capability off, please contact your CRD representative
  - *Will be turned* **off** *for all other generators*

- The burdened fuel price is what should be entered on RT bids

Fuel Entry Thresholds

- Posted on the Market Monitoring NYISO webpage
  http://www.nyiso.com/public/markets_operations/services/market _monitoring/index.jsp

- At this time, MMA has determined the following threshold categories:
  - *NG1 – NG Transco Z6NY, NG Algonquin, NG Texas East M3*
  - *NG2 – NG Iroquois (Waddington), NG Dominion SP, NG Dominion NP, NG Columbia (Appalachia), NG Niagara*
  - *Oil 1 – Avg Fuel Oil #2, Oil #6, Avg Kerosene*

- At this time, MMA has determined the following thresholds for production:
  - *NG1: $.50/mmbtu non-peak volatility period, $4.35/mmbtu peak volatility period, 100%*
  - *NG2 = $.35/mmbtu non-peak volatility period, $.80/mmbtu peak volatility period, 100%*
  - *Oil 1 = $.55/mmbtu all year around, 100%*

Next Steps

- Complete Market Trial
- Complete UAT and QA testing
- Post RLS User's Guide and updates to MPUG
- Update Technical Bulletins
- Deployment to Production targeted for 9/30/10

Appendix

- Following slides depict how an MP administrator can add RLS privileges to specific users

MIS administrator task

MIS Administrator for the organization may assign one or more of the following privileges for each user:
- **Update costs**
- **Review costs**
- **View References**

Refer to The Market Participant User's Guide - Section 6.2.1

MIS administrator task

User Details

			Edit User	Delete User	Add User

Org Name: Reference Level Software Group ▾   Username: None Selected ▾   User Contact: None Selected ▾   [Search]

User Contact	Username	Active Flag	Organization Name	Organization Type	
RLS MP Cost Updater	**RLSUPDTC**	**Y**	**Reference Level Software Group**	**NYISO CUSTOMER**	[Org Details]
RLS View Costs	RLSVIEWC	Y	Reference Level Software Group	NYISO CUSTOMER	
RLS View References	RLSVIEWR	Y	Reference Level Software Group	NYISO CUSTOMER	

Contact Information

Primary Contact Phone: 518-356-6000   Secondary Contact Phone:

Fax: Address:

Email: kveccione@nyiso.com

Pager:

Authorization Flag

- ☐ ICAP
- ☐ TCC
- ☐ Submit Meter Data
- ☐ DAM Generator
- ☐ HAM Generator
- ☐ DAM Transaction
- ☐ HAM Transaction
- ☐ Non-Firm Transaction
- ☐ Physical Load
- ☐ Virtual Supply
- ☐ Virtual Load
- ☐ Update Unit Commitment Data
- ☐ View Customer Statements

Privileges

Privileges
MISC – RLS MP UPDATE COSTS
MISC – RLS MP VIEW COSTS
MISC – RLS MP VIEW REFERENCES

[Add Privilege] [Delete Privilege] [Delete All Privileges]

Details | Generators | Buses | Gens – Outages | Gens – Cost

Memo: Password Expiration Date:

⊗

Update Time: 03/04/2010 10:53:12
Update By: **UserAdmin**

"Gen-costs" tab tells the MIS admin which generators they will be able to link

[Edit User] [Delete User]

For Training Purposes Only

MIS administrator task

The New York Independent System Operator (NYISO) is a not-for-profit corporation that began operations in 1999. The NYISO operates New York's bulk electricity grid, administers the state's wholesale electricity markets, and conducts comprehensive planning for the state's bulk electricity system.

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