

# Pricing Data Mart

# Business Intelligence (BI) Product Management

PPT – February 13, 2006

# Presentation Outline

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- ◆ Deliverable Summary
- ◆ Value Proposition
- ◆ Benefits
  - *Customer benefits*
  - *Business benefits*
- ◆ Estimated Cost / Timeline

# Deliverable Summary

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- ◆ New Pricing data mart in the Decision Support System (DSS) environment
- ◆ It will contain a versioned history of posted OASIS prices
  - *Including DAM / HAM / RT - Energy / Ancillary Services \*\**
- ◆ It will also contain history of additional price related OASIS information
  - *Including Loads / Flows / Forecasts \*\**

*\*\* length of time for data retention will be subject to cost/benefit analysis*
- ◆ Will build on existing DSS foundation allowing access to analysis, trending and reporting tools currently available with the Customer Settlements data mart (Business Objects functionality)
- ◆ Design can accommodate analysis across pricing data and settlements data in the future
- ◆ Will have 'up to date' prices which are posted to OASIS. It will not require waiting overnight for access to "today's data".
- ◆ Is readily expandable to add additional sets of data in the future.
- ◆ There will be limits on size of data sets requested.

# Deliverable Summary

## Example

### Day Ahead Zonal LBMP

<input checked="" type="checkbox"/> Capital <input type="checkbox"/> Central <input checked="" type="checkbox"/> Dunwoodie <input type="checkbox"/> Genesee <input type="checkbox"/> Hudson Valley <input checked="" type="checkbox"/> Long Island <input type="checkbox"/> Mohawk Valley <input type="checkbox"/> Etc . . .	<b>Date</b> <b>From:</b> <input type="text" value="01/01/2006"/> <b>To:</b> <input type="text" value="01/31/2006"/> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"><input type="checkbox"/> Get last version of prices <input checked="" type="checkbox"/> Get All versions of prices</div>
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**Get results as:**

CSV       XML

\*\* example provided for describing user access approach

Does not represent final look and feel

# Value Proposition

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To improve the transparency of the NYISO markets and provide a single source both internally and externally for better audit control for our customers.

# Benefits

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- ◆ Market Participants (Gens, TOs, Loads), Regulatory, Other ISOs
  - *Provide a history of OASIS prices accessible via [www.nyiso.com](http://www.nyiso.com) (NYISO's web portal)*
  - *Prices will be versioned and not overwritten*
  - *CSV files will not need to be downloaded for every 5 minute posting on OASIS, this complete history will be available on demand from the DSS environment*
  - *Simple requests for data can be made directly from the portal ([www.nyiso.com](http://www.nyiso.com))*
  - *More complex queries, including slicing and dicing, will be available using Business Objects (BO) analysis and report writing tools*
  - *Standard analysis reports may be created and saved*
  - *Graphing features may be used for graphical presentation of data*
- ◆ NYISO
  - *Price Validation and Market Monitoring will have a common, easily accessed source of data*

# Estimated cost / timeline

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- ◆ Phased delivery –
  - *Internal NYISO release – mid year*
    - Primarily for use by Price Validation and MMP
  - *External release – 3<sup>rd</sup> quarter*
    - Available to all customers
  - *Additional data sets added – 1<sup>st</sup> quarter 2007*
  
- ◆ Estimated Cost –

NYISO Labor	\$300,000
Consultancy	\$950,000
Capital Expense	\$502,000