

Pricing Data Mart for DSS

Business Intelligence (BI)

March 16, 2006

Business Intelligence - Overview

- ◆ Definition of Business Intelligence (BI)
- ◆ Business Intelligence strategy within NYISO
 - *How Decision Support Systems (DSS) support BI strategy*
 - *Current NYISO DSS product*
 - *Future BI and DSS solutions*
 - Historic data warehousing (requires bulk loads and can be up to 24 hours old)
 - Access to current data (data is up to date within a few minutes)

Deliverable Summary

- ◆ 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)
 - ◆ 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 per user query.

Deliverable Summary

Example

Day Ahead Zonal LBMP

☒ Capital
☐ Central
☒ Dunwoodie
☐ Genesee
☐ Hudson Valley
☒ Long Island
☐ Mohawk Valley
☐ Etc . . .

Date

From:

To:

☐ Get latest version of prices
☒ Get All versions of prices

Get results as:

☒ CSV ☒ XML

** example provided for describing user access approach

Does not represent final look and feel