

Billing / Market Data Retention

Business Issues Committee – September 13, 2006

Presented by Rich Dewey

Agenda

- ◆ Background
- ◆ Operational Concerns
- ◆ Proposed Solutions
- ◆ Next Steps

Background

- ◆ The MIS and BAS systems were designed to support transactional applications running the NYISO market and settlement functions
- ◆ Evolutions to market rules and addition of new capabilities have expanded data storage requirements
- ◆ Lack of a final bill closeout process during recent years has necessitated maintaining on-line access of data to support settlement reconciliation
 - *Implementation of DSS has eased reliance on MIS / BAS as a production data store*

Operational Concerns

- ◆ Volume of data stored in MIS and BAS systems leads to poor performance and presents an availability risk
- ◆ Cost of operations is impacted by maintaining large on-line data store
 - *Procurement of additional storage*
 - *Management of multiple, large storage systems*
- ◆ Redundant nature of transactional systems exacerbates data storage overhead
- ◆ Data restoration capabilities may be limited by large volumes of on-line storage

Solution Options

- ◆ Limit data stored in transactional systems to time periods applicable to open billing periods
 - *Archive historic data in off-line, secondary data store*
- ◆ Maintain settlements data in DSS Settlements datamart for extended time period, as agreed with stakeholders
- ◆ Develop process by which Market Participants can request historical data to be delivered in intermediary format
 - *Format and response time to be determined*

Summary Recommendations

- ◆ Market data applicable to open settlement periods will be available in the MIS and BAS through the end of the challenge period plus six (6) months
- ◆ Settlement data will be available from the DSS settlements datamart for a period of seven (7) years from market date
- ◆ Data from historical time periods, and not available in DSS, may be requested through Customer Relations and will be provided in CSV format

Summary Recommendations (Cont.)

- ◆ Service level agreements for retrieval of historic data will be developed and agreed with Market Participants
- ◆ Technical approach is based on assumption that capability to re-spin bills after data retention period is not a requirement.
- ◆ Agreement needs to be reached on ultimate time period for the destruction of historic market data
 - *Subject to applicable data / record retention policies*
- ◆ Data / records that are, or may be, related to matters under litigation may not be destroyed

Next Steps

- ◆ Market Participate feedback and concerns can be directed to Frank Francis (ffrancis@nyiso.com)
- ◆ Data request and retrieval process to be developed and reviewed with MPs
- ◆ Project plan initiated to perform technical aspects of the work; progress to be communicated to MPs