DSS Accomplishments and Completed Milestones

DSS Task Force – 12/13/05

Major DSS Initiatives

- DSS SMD2 Integration (2/1/2005)
    - o The Standard Market Design (SMD) 2.0 release of the DSS includes new Settlements resulting from SMD Market Rules changes, additional data elements to support existing Settlements that are changing under SMD, and general enhancements to the DSS.
    - o Daily/Hourly advisory CSVs was also modified to support SMD2 changes.
    - o Control-M scheduling software and Grouped Units were also implemented as part of this release.
- FERC EQR Release 1 (3/31/2005)
    - o FERC EQR Reporting is mandate by the FERC for any company selling electricity and/or ancillary services in wholesale markets. This track of work was completed to assist Market Participants by providing data related to sell transactions into the NYISO marketplace that Market Participants can upload into the FERC EQR application (Transaction File).
- Business Objects Upgrade to 6.5 (4/29/2005)
    - o This track was a prerequisite to Custom ADD and was further necessitated because Business Objects Version 5.1 was no longer supported by Business Objects. Additionally, the upgrade provided a more stable Infoview product and other application enhancements.
- ETL All-The-Time (5/3/2005)
    - o This track enabled the DSS to load data more quickly and efficiently. This was accomplished by loading data into the Publishing Area multiple times per day, which reduced processing time at night thereby allowing the DSS to get data from the source system at later times. Additionally, the time necessary to load data into the Datamart was reduced.
    - o This track of work also provided additional automation in the ETL processes that reduced the need for manual intervention in special circumstances.
- Sign Convention (6/23/2005)
    - o The sign convention for Results objects were modified to comply with the NYISO sign convention described in Technical Bulletin 17. This assisted Market Participants when reconciling to the monthly Consolidated Invoice.
    - o This track was originally scheduled to be deployed in September, but was expedited to June based on Market Participants' input via the DSS Task Force.
- FERC EQR Release 2 (6/23/2005)
    - o Created a new FERC EQR report, which was specific to Bilateral Transactions (transactions where the purchasing party is not NYISO, but some other Market Participant).
- Custom ADD (9/22/05)
    - o Provided Market Participants with the ability to create customized reports that could be delivered via machine-to-machine interface to allow users to automatically pull any data from the DSS.
- Site Visits
    - o Site visits were offered as a way to assist Market Participants with using and adopting the DSS to make their business processes easier. NYISO staff

traveled to Market Participants' sites to help those companies tap into more value in the DSS. Fifteen Market Participants took advantage of this opportunity.
- Training
    - o The NYISO Market Training conducted several courses and informational sessions regarding DSS and updates:
        - ▪ Webex sessions on Standard Market Design (SMD) 2.0 impact on DSS
        - ▪ Webex sessions on Business Objects Upgrade to 6i
        - ▪ DSS Intro via Webex
        - ▪ In response to Market Participant requests the DSS Introductory course was made available on-line so that potential DSS users can learn at their own pace before attending the Intermediate class.
        - ▪ Incorporated DSS into NYMOC
        - ▪ DSS Intermediate Course continuously evolves to meet Market Participant needs by incorporating:
            - • SMD2 Impact
            - • Business Objects Upgrade
            - • WebIntelligence
            - • Custom ADD
            - • Merging non-DSS Data into Business Objects Reports.
        - ▪ Training Sessions
            - • DSS Intermediate: 7 External.

Support other NYISO projects and initiatives
- Changes to Support CTL (5/31/05)
    - o Made changes to support the Controllable Tie Lines Project (capability for having multiply proxy buses per external control area, designation of which tie lines are controllable, etc.)
- Support Final Bill process
    - o 8 Months Invoice (8/16/2005)
    - o Backfills (throughout the year)
    - o Multiple Invoices per Month (9/9/05)
- Support Source System Projects and Efforts (BAS and MIS)
    - o Changes to support UCAP (9/20/05)
    - o DSS changes for 15 Min Sched, Rate Schedule1, and TSC/NTAC (10/11/05)
    - o Fixes related to BIG issues (throughout the year)
- Supported the Accounting and Billing Benchmark System (Billing Simulator) throughout the year
- Various DSS Application Enhancements & Data Maintenance:
    - o Partition Manager, Pending Load, S->Q Speedup (8/16/2005)
    - o Derivations - Generator SCD (9/9/05)
    - o DSS Technical Maintenance Enhancements (10/12/05, 11/8/05)

Required Maintenance
- Added new storage to support DSS' growth (January 2005)
- Business Objects Upgrade (June 2005)
- Partition Expansion (November 2005)