DSS Release Summary: SMD 2.0 Release

The Standard Market Design (SMD) 2.0 release of the DSS includes not only new Settlements resulting from SMD Market Rules changes, but also additional data elements to support existing Settlements that are changing under SMD, and other updates that are not necessarily related to SMD Market Rules.

New Settlements Resulting from SMD:
These Settlements are featured in new Settlement Detail Corporate Reports, existing summary level Corporate Reports, and new Universe Classes. New Settlements include:
1. For Power Suppliers:
    a. Supplemental Event Credit (PS Universe)
    b. Regulation Revenue Adjustment (PS AS Universe)
    c. Day-Ahead Margin Assurance (SMD) (PS Universe) – the DAMAP calculation changed enough under SMD Market Rules to warrant treating it as a new Settlement. As a result, there are two Settlement Detail Corporate Reports and two Universe Classes (pre-SMD DAMAP and post-SMD DAMAP).
    a. Balancing Market 10 Minute Synchronous Operating Reserves Availability (PS AS Universe)
    b. Balancing Market 10 Minute Non-Synchronous Operating Reserves Availability (PS AS Universe)
    c. Balancing Market 30 Minute Operating Reserves Availability (PS AS Universe)
2. For Load Serving Entities:
    a. Regulation Revenue Adjustment (Loads AS Universe – Ancillary Services)
    b. Supplemental Event Charge (Loads AS Universe – Uplift Allocations)
3. For Transaction Customers:
    a. Supplemental Event Charge (Transactions AS Universe – Uplift Allocations)

Changing Settlements Resulting from SMD:
These changing Settlements have resulted in new objects added to existing Classes and updates to existing Settlement Detail Corporate Reports. These Settlements include:
1. For Power Suppliers:
    a. DAM BPCG (PS Universe)
    b. RT BPCG for Power Suppliers (PS Universe) – the Corporate Report for RT BPCG has been broken out into separate reports for improved performance and to provide the ability to look at individual pieces of the settlement without having to run the entire report.
    c. Balancing Energy (PS Universe)

    d. DAM Regulation Availability Credit (PS AS Universe)
    e. DAM 10 Minute Synchronous Operating Reserves Availability (PS AS Universe)
    f. DAM 10 Minute Non-Synchronous Operating Reserves Availability (PS AS Universe)
    g. DAM 30 Minute Operating Reserves Availability (PS AS Universe)

Other Updates Included in the SMD Release:
1. Implemented Financial Impact Charge Settlement Classes:
   a. For Transaction Customers:
     i. Financial Impact Charge (Transactions Universe)
     ii. Financial Impact Credit (Transactions AS Universe – Settlement Allocations)
   b. For Load Serving Entities:
     i. Financial Impact Credit (Loads AS Universe – Settlement Allocations)
2. Real Time Zonal/Subzonal load for J & K have been broken out separately. This change has been made for all newly loaded data as well as all historic data in the DSS.
3. In any Settlement areas affected by SMD, the term "SCD" (Security Constrained Dispatch) has been replaced by "RTD" (Real Time Dispatch).
4. In the Transactions Universe, objects were added to display the Results for the Import ECA Supplier Guarantee Credits Settlement (future release will contain all of the Determinants and Intermediates)
5. In the Power Suppliers Universe and Power Suppliers Ancillary Services Universe – consolidated Bid and Generator Commitment objects by adding new Bid Classes and Generator Commitment Parameters Classes and removed any Bid/Generator Commitment objects that were in "Other Related Info" Classes.
6. In the Power Suppliers Universe - The Operating Interval time grain has been converted to SCD intervals
7. Objects for Generator bid points 7-12 and Demand Response Bus bid points 7-12 were added where applicable
8. Power Suppliers Ancillary Services Universe – added a new object to the Other Related Info classes of the Sync LOC classes to report whether a unit received a 10 Minute Synchronous Operating Reserve Lost Opportunity Cost credit due to being "blocked" or "backed down".
9. Grouped Units (Generators) Changes:

    For Billing Days Processed in BAS Before SMD Deployment:
    In the Power Suppliers Ancillary Services Universe – there is a correction to the way data is displayed for grouped units (generators). For billing days processed in BAS prior to SMD deployment, data is only displayed for individual stand-alone units, and for parents of grouped units. This correction was made because Settlements for Ancillary Services that were

calculated in BAS before SMD deployment were only calculated and invoiced for stand-alone units and for parents of grouped units.

For Billing Days Processed in BAS After SMD Deployment:
The NYISO has removed grouped units from the Settlements process for all billing days that are processed in BAS post-SMD deployment (bill process date > SMD deployment date). As such, the DSS does not contain any data for parents of grouped units for any billing days that are run in BAS after the SMD 2.0 deployment date. All data is displayed either for individual stand-alone units or for children of grouped units. However, for all days run in BAS prior to the SMD 2.0 deployment date, data for parents and children of grouped units remains unchanged. This also applies to the ADD Customer Statement CSV files.

10. Object Names and Descriptions – many of the object names and descriptions have been updated for consistency in naming convention and improved business description clarity.