

DSS Task Force

December 11, 2003

For Discussion of:
**NYISO Decision Support System
Customer Settlements Data Mart**

Today's Agenda

- DSS Operational Update
 - *Market Participant DSS Experience / Comments To-Date*
 - *December Scope Review / Questions*
- DSS Project Update / Team Reports
 - *DSS Team Reports*
- Initial Discussion Regarding the Alternate Data Delivery Efforts

DSS Operational Update

- Market Participant DSS Experience / Comments To-Date
 - *What are you doing with the DSS?*
 - *What issues are you experiencing?*
- Any questions regarding the scope of the December Release?
 - *See following slides for details...*

December Scope – Power Suppliers

- DAM Margin Assurance
- DAM Margin Assurance LRR
- Ancillary Services
 - ▶ Black Start Payment
 - ▶ Voltage Support
 - Credit
 - Lost Opportunity Cost
 - ▶ Regulation
 - DAM Availability
 - SUP Availability
 - Replacement
 - Penalty
 - ▶ Operating Reserves
 - 10-Minute Sync
 - » DAM Availability
 - » SUP Availability
 - » Reduction (partial due to source data availability issues)
 - 10-Minute Non-Sync
 - » DAM Availability
 - » SUP Availability
 - » Reduction
 - 30-Minute
 - » DAM Availability
 - » SUP Availability
 - » Reduction (partial due to source data availability issues)
 - Sync Lost Opportunity Cost
 - Non-Sync Lost Opportunity Cost
 - 10-Minute Shortfall

December Scope – Load Serving Entities

➤ Ancillary Services

- ▶ MST Schedule 1
- ▶ OATT Schedule 1
- ▶ Black Start
- ▶ Regulation
- ▶ Voltage Support Service
- ▶ Operating Reserves

➤ Residuals

- ▶ DAM Energy
- ▶ DAM Loss
- ▶ Balancing Market Energy
- ▶ Balancing Market Loss
- ▶ Balancing Market Congestion

➤ Supplier Uplifts

- ▶ DAM BPCG (partial due to source data availability issues)
- ▶ RT BPCG (partial due to source data availability issues)
- ▶ DAM LRR BPCG (partial due to source data availability issues)
- ▶ RT LRR BPCG (partial due to source data availability issues)
- ▶ DAM Transaction BPCG (partial due to source data availability issues)
- ▶ RT Transaction BPCG (partial due to source data availability issues)
- ▶ BPCG Due to Under Forecasting (partial due to source data availability issues)
- ▶ DAM Margin Assurance
- ▶ DAM Margin LRR Assurance (partial due to source data availability issues)
- ▶ ELR DAM Margin Assurance (partial due to source data availability issues)
- ▶ ELR DAM Margin LRR Assurance (partial due to source data availability issues)
- ▶ Import ECA Supplier Guarantee

➤ Other Allocations / Charges

- ▶ NTAC
- ▶ Emergency Purchases
- ▶ Emergency Sales
- ▶ DADRP (partial due to source data availability issues)

December Scope – Transaction Customers

- **Ancillary Services**
 - ▶ MST Schedule 1
 - ▶ OATT Schedule 1
 - ▶ Voltage Support Service
 - ▶ Operating Reserves
- **Residuals**
 - ▶ DAM Energy
 - ▶ DAM Loss
 - ▶ Balancing Market Energy
 - ▶ Balancing Market Loss
 - ▶ Balancing Market Congestion
- **Supplier Uplifts**
 - ▶ DAM BPCG (partial due to source data availability issues)
 - ▶ RT BPCG (partial due to source data availability issues)
 - ▶ DAM Transaction BPCG (partial due to source data availability issues)
 - ▶ RT Transaction BPCG (partial due to source data availability issues)
 - ▶ DAM Margin Assurance
 - ▶ ELR DAM Margin Assurance (partial due to source data availability issues)
 - ▶ Import ECA Supplier Guarantee
- **Other Allocations / Charges**
 - ▶ NTAC
 - ▶ Emergency Purchases
 - ▶ Emergency Sales
- **Transmission Service Charge MWhs**

December Scope – Demand Response / TO

➤ DADRP

- ▶ Incentive
- ▶ Reduction
- ▶ Load Balance
- ▶ Penalty
- ▶ Bid Cost Guarantee

➤ Transmission Owners

- ▶ NYPA NTAC
- ▶ DAM Excess Congestion Residual
- ▶ Transmission Service Charge MWhs

Project Update / Status – Team Reports

➤ Team Reports

- *Requirements Team*
- *Application Team*
- *ETL Team*
- *QA Team*

Alternate Data Delivery Efforts

- **Goal is to determine and communicate a timeline early next year.**
- **First, we must determine the steps / tasks required. So, ...**
 - *Complete Data Scope and Reporting*
 - ▶ We're very close (99% there), but have a few more to get. We must have at least the data set published today.
 - ▶ What about the existing NYISO data reports (i.e. settlement advisories?)
 - *Reliable, Predicable, and Recoverable System*
 - ▶ We're also close here, but would like to increase the %s slightly higher so that DSS is available for use and contains the necessary data very consistently and predictably.
 - *Automated Data Delivery Method*
 - ▶ Currently Business Objects Reports and Universe are the only available DSS data access methods. As requested, we are currently looking to add an automated technical method.
 - *Minor Improvements to Existing DSS Application*
 - ▶ Adding dynamic filters, summary universes, etc. to make it even easier to use the DSS.
 - *Maintaining Current with other NYISO Changes*
 - ▶ We must keep up with all changes in other areas that have impacts to the DSS.
 - *Can you think of any more?*
- **Next step is to develop Project Plans and Schedules, then communicate a timeline for 2004.**