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# **DSS - 2006 Data Mart Scheduling & Pricing Working Group Presentation**

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January 20, 2006

## DSS: 2006 Data Mart Discussion Agenda

- ◆ **Project Goals**
- ◆ **Potential Data Content**
- ◆ **Potential End User Functionality**
- ◆ **MP Correspondence**

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# Project Goals

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- ◆ **Provide Energy and Ancillary Services Prices posted to OASIS**
- ◆ **Include additional data/reporting to support the enhanced Price Validation and Correction procedures**
- ◆ **Include additional price-related data commonly included in price analyses, such as load values, interface flows, etc.**
- ◆ **Provide historic data set allowing for price trend analyses & reporting**
- ◆ **Complement Customer Settlements Data Mart**

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# Potential Data Content

- ◆ **Energy & Ancillary Services Prices as posted to OASIS (retain versions of prices from deployment on)**
- ◆ **DAM & Real Time Limiting Constraints**
- ◆ **TSC & NTAC Rates**
- ◆ **Sched 1 & Sched 2 Rates**
- ◆ **Internal/External Limiting Flows**
- ◆ **ISO Load Forecast & RT Actual Load**

**Technical feasibility of providing these data sets is to be determined.**

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# Additional Potential Data Content – Future Releases

- ◆ Zonal Load Commitment
- ◆ DA & RT Scheduled Transmission Outages
- ◆ RT Actual Transmission Outages
- ◆ Operational Announcements
- ◆ Balancing Market Advisory Summary
- ◆ PAR Schedules
- ◆ PAR Flows
- ◆ ATC/TTC
- ◆ AS Shadow Prices
- ◆ Additional Operations Data (e.g. when the following in effect: Demand Curves, ECA A & B, NCPB, Reserve PU, Scarcity Pricing, TSA, etc.)
- ◆ Publicly available bid data
- ◆ Additional data sets to be determined by stakeholders

Technical feasibility of providing these data sets is to be determined.

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# Potential End User Functionality

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- ◆ **User access to public data without user authentication (like OASIS today)**
- ◆ **All querying & reporting capabilities as provided today by WebIntelligence in the Customer Settlements Data Mart**
- ◆ **Seamless merge of reports/queries that include both public and private (secured) data (will require user authentication)**
- ◆ **Data refresh cycle very close to real time where applicable & feasible (e.g. Real Time Energy Prices)**

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# First Release Schedule & MP Interaction

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- ◆ **1<sup>st</sup> Release – Mid 2006**
  
- ◆ **MP Correspondence Options:**
  1. Create brand new Pricing Data Mart Task Force
  2. Add-on to existing DSS Task Force currently focused on Customer Settlements
  3. Other Suggestions

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## Other Questions

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# Questions?

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