

Demand Response Information System Project Update

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In-house development of DRIS

- ◆ Decision to build DRIS in-house
 - *Primarily driven by current and future year budget considerations*
 - *Additional costs for dependence on a vendor for support, maintenance, and future development*
 - *Additional hardware and software costs to implement a vendor solution*
 - *Extensive customization of vendor solution*
- ◆ NYISO will use in-house expertise to build and support the system using current NYISO system architecture, applications and libraries
 - *Allows for flexibility of evolving NYISO IT infrastructure*
 - *Use of current infrastructure eliminates additional hardware and software costs associated with vendor solution*

DRIS Project Phases

- ◆ Three Phases
 - *Phase 1 – Q4 2009*
 - Internal deployment
 - Automate back-office registration and SCR functions
 - *Phase 2*
 - Develop market-facing application to provide Market Participants with ability to interact with registration system
 - Initial integration of DRIS with NYISO systems
 - Market trials at the end of Phase 2
 - *Phase 3*
 - Data Submission, Event Performance Measurement and interface with NYISO Settlement System
 - Finalize integration with NYISO systems
 - *Phases 2 and 3 targeted for 2010 – timing dependent upon remaining effort following Phase 1 and 2010 project budget*

Phase 1 – Internal Deployment

- ◆ Automate DR program registration and monthly SCR processing for Auxiliary Market Operations
 - *Build registration-related portion of DRIS database*
 - *Use import of SCR Workbooks to create and maintain SCR registration data*
 - Minimal impact to current market participant processes
 - Any changes will be discussed at future PRLWG meetings
 - Builds resource registration records for future phases
 - Manage SCR aggregations
 - Exports for UCAP worksheet reports for monthly SCR processing
 - Track auction results of SCRs at individual resource level
 - *Develop and use EDRP Workbook to create and maintain EDRP resource registrations*
 - *Reporting limited to registration management functions*



The New York Independent System Operator (NYISO) is a not-for-profit corporation that began operations in 1999. The NYISO operates New York's bulk electricity grid, administers the state's wholesale electricity markets, and provides comprehensive reliability planning for the state's bulk electricity system.

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