



XML Messaging for ERS Deployment Functional Requirements

Paul Wattles, ERCOT Staff

DSWG Meeting

January 27, 2012

- **NPRR 379: approved by the Board, effective 10/1/11**
 - XML deployment language currently gray-boxed
 - Project in queue to implement for 2012 project year
- **ERCOT Demand Integration team has met internally with development staff to refine business requirements & project scope:**
 - Operator application would be similar to the AS Deployment Manager for Load Resources providing RRS or NSRS
 - As currently defined would have little interaction with other ERCOT systems and could be done as an internal project
- **Now refining SOW and determining potential impact on other projects in the queue**
- **Goal: complete project in time for June-Sept. 2012 Contract Period**

- **Inputs to the system will be tables that identify:**
 - QSE
 - Deployment type:
 - All ERS
 - Group 1 / Group 2 etc.
 - Test portfolio
 - Time periods: BH1, BH2, BH3, NBH
 - MW Obligations for Resources being deployed/recalled
- **Messages will be portfolio based and not include individual Resource names**
 - QSEs will own responsibility for knowing which ERS Resources are subject to dispatch

- **XML Deployment Message will include:**
 - QSE name
 - Deployment type (All, Group, Test, etc.)
 - Time Period being deployed
 - Portfolio MW obligation
 - Time stamp
 - Start time
 - Estimated duration
- **Separate recall message will include:**
 - QSE name
 - Portfolio being recalled, time stamp, recall time
- **Complete details for message format are still to be determined**

Questions?

