

XML Messaging for ERS Deployment Functional Requirements

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XML Deployment of EILS/ERS

- 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



Functional Requirements

- 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



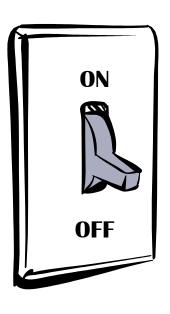
Functional Requirements

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?





5