



Item 7.4: Technology Update

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Vice President and Chief Information Officer

Reliability and Markets Committee Meeting

ERCOT Public

April 27, 2022

Projects delivered this year

Release	Project
02/2022	354-01 Distribution Generation Resource/Distribution Energy Storage Resource (DGR/DESR) Implementation
02/2022	372-01 Dynamic Security Assessment (DSA) Application Upgrade
04/2022	379-01 Securitization - Subchapter N
04/2022	369-01 Market Management System (MMS) and Outage Scheduler (OS) User Interface Browser Upgrade

Upcoming Delivery

Release	Project
06/2022	384-01 NPRR1093 Load Resource Participation in Non-Spinning Reserve
06/2022	358-01 NPRR939 Modification to Load Resource Providing Responsive Reserve Service (RRS) to Maintain Minimum Physical Responsive Capability (PRC) on Generators During Scarcity
06/2022	382-01 SCR800 – Addition of DC Tie Ramp to Generation To be Dispatched (GTBD) calculation
06/2022	382-01 SCR809 – Changes to external telemetry validations in Resource Limit Calculator (RLC)
06/2022	SCR814 Point-to-Point (PTP) Obligation Bid Interval Limit
06/2022	Forecast Presentation Platform

ERCOT Technology Working Group

- Vice-Chair: Kevin Bunch EDF Energy NA;
- February 10 & March 31, 2022; Upcoming May 12, 2022

Projects

NPRR1093 (May 2022)
NPRR863 Phase 2 FFRA (Oct 2022)
NPRR863/ECRS (Mid-2023)
WAN refresh and encryption

Concepts/Charters

Public API and API improvements
Operator Real-Time Messaging
MOTE enhancements
CIM 16 upgrade

Issues

Extracts posting timelines

Notices

Retiring Legacy MIS public reports
MMS/OS UI web browser
NERC EMSWG Update
TLS 1.0 and 1.1 deprecation

Vacancies in IT

- We have 21 open positions in IT currently
- In the process of defining Grid and Market Solutions (GMS) development program modeled after Engineer Development Program (EDP)

Questions

