



Item 9.5: Technology and Projects Update

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Reliability and Markets Committee Meeting

ERCOT Public

October 17, 2022








ERCOT Application Release

Project	Status
NPRR987(a) - Energy Storage Resource Contribution to Physical Responsive Capability	On Track – October
NPRR1002(a) - Energy Storage Resource Charging Restrictions in Emergency Conditions	On Track – October
NPRR863 - Fast Frequency Response (FFR) Advancement	On Track – October
NPRR1120 - Firm Fuel Supply Service (FFSS)	On Track – October
NPRR1096(a) - Require Sustained 4-Hour Capability for Non-Spin	On Track - December
NPRR1097 - Create Resource Forced Outage Report	On Track - December
SCR812 - Create Intermittent Renewable Generation Integration Report	On Track - December

OKR Projects Update

Status Project

Update

	Fast Frequency Response (FFR) Advancement	<ul style="list-style-type: none"> On Track – release October 13 91% Market Participants successfully tested (as of 10/4/22) Cutover impacts and expectations shared through TAC, TWG, and Market Notices
	Create Firm Fuel Supply Service	<ul style="list-style-type: none"> On Track – release October 13 to support Firm Fuel Supply Service contracts that start in November
	RARF Replacement	<ul style="list-style-type: none"> Delivery date pushed to mid-December Resource gap impact could not be fully mitigated
	ERCOT Contingency Reserve Service (ECRS) Implementation	<ul style="list-style-type: none"> On Track – release in late May 2023 Market Interface Specifications provided in September Market testing window opens late March 2023 Market discussion of technical impacts at TWG
	Energy Management System (EMS) Upgrade	<ul style="list-style-type: none"> On Track – release in November 2023 Market discussion of technical impacts at TWG Currently limiting EMS changes that impact in-flight projects After ECRS go-live, EMS changes limited to critical/emergency items
	DC5 Infrastructure Refresh Program	<ul style="list-style-type: none"> Subset of Program OKR milestones not trending on budget and/or schedule due to the global chip shortage, revised product end-of-life schedules, & additional migration effort Teams continue to focus on schedule and budget mitigations and meet project level milestones
	Treasury Management System Implementation	<ul style="list-style-type: none"> On Track – met OKR to reach Planning Phase milestone Focus on vendor and solution selection, which will inform remainder of Planning Phase activities and schedule

