

Legend: Complete In-Progress Potential Next Steps

On Track Transition Decision

Technology Initiative	2024				2025				2026				2027				2028			
(Strategic Objective Alignment)	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
1. ESR Energy Sufficiency (Reliability/Efficiency)	White Paper				Proof-of-Concept				NPRR				Implementation							
2. Receive operational info from DERs (Reliability/Efficiency)	White Paper				Proof-of-Concept				Implementation (Phases)											
3. Meter data disaggregation for DR (Reliability/Efficiency)	Proof-of-Concept				RFP				Implementation											
4. Measure and estimate the regional inertia and system strength (Reliability)					Proof-of-Concept (Phases)				Implementation											
5. Reactive power coordination (Reliability)					Proof-of-Concept				Charter				Implementation							
6. Robust security constrained optimizations (Reliability/Efficiency)	White Paper				Proof-of-Concept				Charter				Implementation							
7. Impedance scanning tool for stability assessment (Reliability)	White Paper				Proof-of-Concept				Implementation											
8. Improvements to large load modeling (Reliability)	White Paper				Proof-of-Concept - Models				Implementation											
9. Machine learning models for optimal power flows (Reliability)	White Paper				Proof-of-Concept				Charter				Implementation							
10. Assessment of short circuit protection (Reliability)									White Paper				MP feedback				Best Practices Guidelines			
11. Assessment of power quality (Reliability)					White Paper				MP feedback				Proof-of-Concept				Charter			
12. Smart grid edge control of DERs and load (Reliability)					Research Paper				MP feedback				Proof-of-Concept				NPRR			
13. Overload current capability in inverters (Reliability)									White Paper				MP feedback				NPRR			
14. Combined economic/reliability analysis tools (Reliability)					White Paper				Proof-of-Concept				Charter				Implementation			