

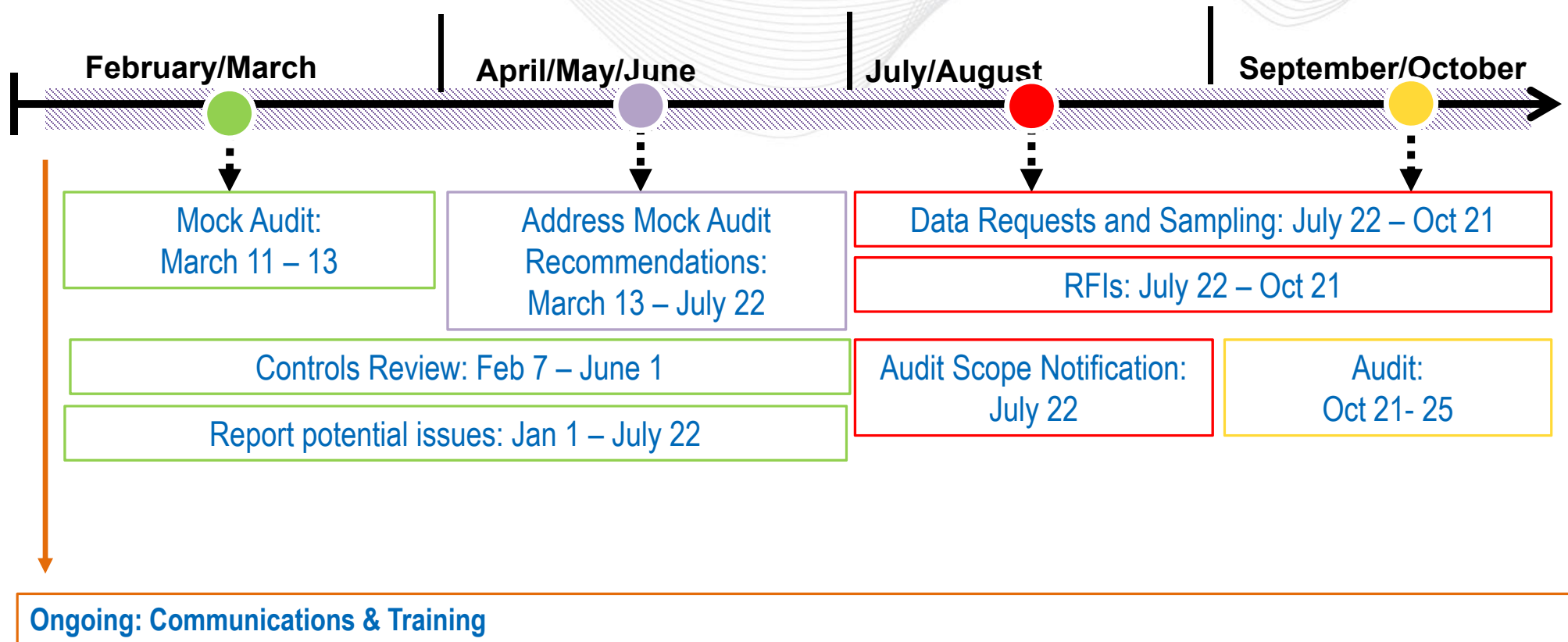


PJM Operations and Planning Audit Update

Preston Walker
RSCS
November 14, 2019



Overall 2019 Audit Timeline





RF Operations and Planning Audit Scope

Standard Number	Req. No.
BAL-502-RF-03	R1.
BAL-502-RF-03	R2.
BAL-502-RF-03	R3.
FAC-002-2	R1.
IRO-002-5	R2.
IRO-002-5	R3.
IRO-002-5	R4.
IRO-002-5	R5.
IRO-002-5	R6.
IRO-008-2	R1.
IRO-008-2	R2.
IRO-008-2	R3.
IRO-008-2	R4.
IRO-008-2	R5.
IRO-008-2	R6.
IRO-018-1(i)	R1.
IRO-018-1(i)	R2.
IRO-018-1(i)	R3.

Standard Number	Req. No.
MOD-032-1	R1.
MOD-032-1	R4.
MOD-033-1	R1.
MOD-033-1	R2.
TOP-001-4	R9.
TPL-001-4	R1.
TPL-001-4	R2.
TPL-001-4	R3.
TPL-001-4	R4.
TPL-007-1	R1.
TPL-007-1	R2.
VAR-001-5	R1.
VAR-001-5	R2.
VAR-001-5	R3.
VAR-001-5	R4.
VAR-001-5	R5.
VAR-001-5	R6.

- **11** Standards
- **35** Requirements
- **90%** of Requirements in scope were reviewed during PJM Mock Audit
- **65%** of Requirements in Controls Review were removed from Audit scope
- **16** additional Requirements were added to Audit scope
- **35%** overall reduction in Audit scope



0 Noncompliances



0 Areas of Concern



3 Positive Observations

1. Intelligent Event Processor
2. Evolving Controls Program
3. Telemetry for Real-Time Assessments



1 Recommendation

1. Utilize Excel functions to track updates and control access to cells within spreadsheets.