AEP FAC-008 Update

Presented to PJM PC

November 8, 2018
Summary of Incident

• In 2016, AEP self-reported a FAC-008-3 R6 violation to ReliabilityFirst
• Missed riser sections on Kammer transformers 301, 302, and 303
• Mitigation plan undertaken
  – Perform ratings data validation on all applicable BES facilities
  – Update records and make appropriate notifications
Summary of Changes

• Extent of condition review of BES ratings
• 1,644 facilities reviewed
  – 40,000 pieces of equipment
  – 13,000 miles of transmission line
• 203 facilities require a ratings reduction
  – 190 at 138 kV
  – 11 at 345 kV
  – 2 at 765 kV
Summary of Impact

• No operational impact on the EHV system
• (16) 138 kV facilities with operational impact
  – 11 of these are peak or scheduled outage concerns only
  – 4 may result in real time performance concerns
• PJM Operations and Planning were notified September 26
• Ratings reductions were posted to OASIS October 1
Questions?