

Westar Energy CIP V5 Transition Study & ESP Lessons Learned June 3, 2014



Transition Study Scope

- BES Cyber System Identification
 - Generation
 - Substation
- Technical Solutions
 - Configuration Baseline & Patch Management – BigFix
 - Security Information & Event Manager - Splunk
 - Privileged Access & Account Management - CyberArk
- Administrative Controls
 - Identify V3 to V5 Policy and Procedure Gaps
 - Develop Program Level Guidance

CIP V5 Transition Study Phase 1

- BES Cyber System Identification
 - Generation
 - Substation
 - EMS
- Applicability
 - At the device level
- Ownership
 - New SME's
 - Begin Culture shift

Transition Study Wrap-up Week

- Attended by NERC and SPP
- Reviewed Westar's progress of transition
- Toured Substation and Generation facilities
- Q&A Session

CIP V5 Transition Study Phase 2

- Procedure Analysis
 - Transitioning existing procedures from V3 – V5
 - Integrate technical solutions into procedures
 - Identify controls
- Technical Solutions
 - Configuration Baseline & Patch Management – BigFix
 - Security Information & Event Manager - Splunk
 - Privileged Access & Account Management - CyberArk
- Training
 - Informative
 - Required (role based)
 - Continue culture shift

ESP Design Lessons Learned

- Completed as part of CIP-002 identification process
- Complete detailed inventory of how cyber assets are communicating
- Determine essential connections to BES Cyber Assets

Challenges

- New CIP SMEs and affected employees
- Substation Routable/Serial Protocol
 - Business case still in progress
- Complete Administrative Controls
 - Documentation, implementation, education and outreach

Westar Transition Study Lessons Learned

- Establish “buffer” timeframe for compliance
- There are different ways to achieve CIP V5 compliance
- Consider reliability improvement opportunities in design
- Involve Business Unit engineering resources early in the design phase
- Work with impacted Business Units to budget accordingly
- Centralize Physical Security monitoring

Questions ?

Megan Wagner

(785) 575-1852

Megan.Wagner@westarenergy.com

