

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION

Supply Chain Data Request

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- Background
 - FERC issued Order No. 829 on July 21, 2016
 - NERC Board Approved the Standard in August 2017
 - Standard filed in September 2017

- High and medium impact Bulk Electric System (BES) Cyber Systems
- No requirements for low impact BES Cyber Systems
- NERC committed to addressing risks appropriately
 - Identify best practices
 - Develop guidance resources
 - Support common understanding of compliance obligations

- Support effective and efficient implementation (e.g. CIP V5 transition)
- **Supply chain risk study**
- Communicate supply chain risks to industry
- Forum and association white papers
- Plan to evaluate effectiveness of supply chain standards

- Include in Supply Chain Standards
 - Electronic access controls for medium and high impact BES Cyber Systems
 - Physical access controls for medium and high impact BES Cyber Systems
- Do not include in Supply Chain Standards
 - Electronic access monitoring and logging
 - Physical access monitoring and logging
 - Protected Cyber Assets
- **Collect more data on low impact BES Cyber Systems**
- Develop guidelines with Critical Infrastructure Protection Committee (CIPC) Supply Chain Working Group
 - Application to lows
 - Evaluation of Protected Cyber Assets (PCAs)

- Developed with Supply Chain Working Group
- Options discussed
 - Collect detailed information on all BES Cyber Assets
 - Collect information based on location
- Draft posted for 20 day comment period
- 35 respondents
- 5 questions

- Many changes made for clarity
- Timing remained the same
- Approved by Board in August

- Issued on August 19
- Responses due October 3
- Applicable to entities in CIP-002-5.1a
- Focused on low impact BES

- Contact information
- Number of assets containing BES Cyber Systems
 - High/medium impact with External Routable Connectivity (ERC)
 - Medium impact without ERC
 - Low impact
 - Low impact with external connectivity (see CIP-003-7, Attachment 1)
- How you plan to address low impact BES Cyber Systems in supply chain
- Location risk-based survey on low impact BES Cyber Systems
- Question on cost

- Analyze survey responses
- Present summarized results to industry
- Recommend actions, if any, to NERC Board in November



Questions and Answers