Electric Information Network (Elnet) Update

NASPI Meeting
March, 2015
Overview

• EIDSN’s Mission
• Elnet Design
• Elnet Facts and Schedule
• Elnet 2015 Focus
• Questions
Mission

- Establish a network by which operational data (ICCP and synchrophasor) can be shared securely, consistently, and efficiently among the Eastern Interconnect Reliability Coordinators and other appropriate entities.
Elnet Design

Sprint Managed Network Services

Sprint - MPLS Network (Primary)

GETVPN Key Server Site #2
Philadelphia, PA

Dual Cisco Key Servers

Member Sites

Member Sites

Dual Cisco Key Servers

GETVPN Key Server Site
New York, NY

AT&T - MPLS Network (Backup)
Elnet Facts and Schedule

• 59 Circuits
  – 24 Managed Ethernet
  – 35 T1 or NxT1

• Serving 21 entities
  – Eastern Interconnect RCs
  – Transmission Operators
  – Peak Reliability
  – ERCOT
  – NERC & SmartCloud
Elnet Facts and Schedule

• Network Construction Schedule -
  – Circuit installations began in January
  – Over 90% scheduled before mid-April

• Network Completion Goal – May

• Companies expected to share PMU data over Elnet in 2015:
  – NYISO, MISO, TVA, Duke Energy Carolinas, Dominion, PJM
2015 Focus

• Completion of EI.net
• Monitoring network stability and management
• Monitoring NERCnet to EI.net transition
• Establishing back-office operations and administration
• EIDSN Board to consider strategic direction in September
Questions?

www.eidsn.org