



Eastern Interconnect Data Sharing Network, Inc.

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NASPI WG Meeting

Knoxville, TN

March 11, 2014

Rich Mandes – Southern Company





# Mission

- Develop a mechanism by which essential operational data can be shared securely, consistently, and efficiently among the Eastern Interconnect Reliability Coordinators (EI RCs) and other appropriate entities.



# Drivers

- The need for a mechanism to share PMU data.
- The ability to gain efficiencies in data sharing.
- The increasing need for more near real-time data or real-time data.
- "Expectations" expressed by NERC and DOE.
- NERC "getting out of the business" of funding or hosting data sharing: NERCnet, SDX/IDC, NASPI.



# Brief History

- September 23<sup>rd</sup>, 2013 – Joint NERC/EIODSI memo issued announcing plans for transfer of NERCnet.
- October ELT Meeting – Directed to take necessary steps in preparation for incorporation.
- December ELT Meeting – Approved Corporate Documents necessary for incorporation in January, 2014.
- **January 13<sup>th</sup>, 2014** – Eastern Interconnect Data Sharing Network, Inc. formed in the state of Delaware as a 501c(6) nonstock, nonprofit, corporation.



# Goals

- Complete transition of existing NERCnet by end of 2<sup>nd</sup> quarter, 2014.
- Provide a new network by end of 1<sup>st</sup> quarter 2015.
- Allow for development and support of common tools.
- Provide a mechanism by which all future data sharing needs can be managed through membership governance.



# EIDSN, Inc. Board of Directors

- Chairman – Billy Ball, CTO, Southern
- Vice Chairman – Nick Brown, CEO, SPP
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- Steve Whitley, CEO, NYISO
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# NERCnet Transition Objectives

- NO disruption in NERCnet operations
  - All supporting resources maintained
- DEWG/TWG continue to function
  - Move reporting from ORS to EIDSN, Inc.
- Clean up and expedite pending change orders
- Clean up Verizon billing processes
  - Node costs may increase

# New Network Development Objectives



- Robust Stakeholder Process
  - Inclusive of all ISN users
  - DEWG/TWG Input Critical
- Provide a network that is scalable, deterministic, redundant, and secure over which operational data can be transmitted by end of 1<sup>st</sup> quarter 2015.
  - Direct billing to individual node owners (no pass through billing from EIDSN)





# New Network Timeline

- Network Stakeholder process began January, 2014
  - Network Architecture Critical – PMU data
- RFP Finalized and issued by June/July, 2014
- Vendor Selection by August/September, 2014
- Network construction completed by December, 2014
- Network completed and in service by March, 2015

# Questions?

