GADS Data Reporting Workshop

September 2023
Module 01 - GADS Data Reporting Workshops

RELIABILITY | ACCOUNTABILITY

- Break for 5-10 minutes every hour

- Slido

- There is no such thing as a dumb question

- A certificate is available (8 PDH) for those who sign up for it

RELIABILITY | ACCOUNTABILITY

- Instructors
  - Marty Martin - NERC
  - Leeth DePriest – NERC
  - Steve Wenke – Mana Consulting
  - Danny Small – City Utilities of Springfield
  - Brian Nolan - OATI

- Attendees
  - Your name
  - Your company and location
  - Your GADS responsibilities
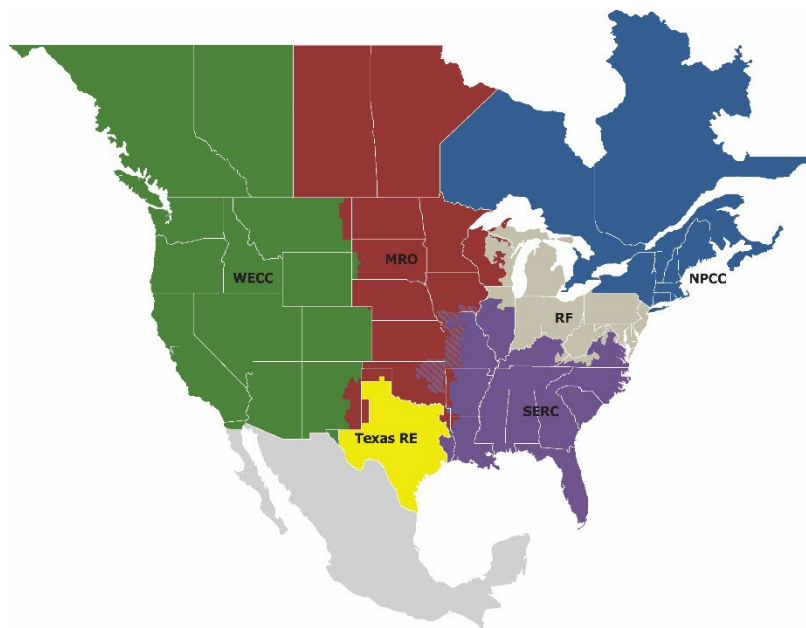 - Your GADS level of experience/knowledge

RELIABILITY | ACCOUNTABILITY

NERC assesses and reports on the reliability and adequacy of the North American bulk power system

- It is divided into the six Regional Entities as shown on the map
- Users, owners, and operators of the bulk power system within these areas account for virtually all the electricity supplied in the U.S., Canada, and a portion of Baja California Norte, México

MRO	Midwest Reliability Organization
NPCC	Northeast Power Coordinating Council
RF	ReliabilityFirst
SERC	SERC Reliability Corporation
Texas RE	Texas Reliability Entity
WECC	Western Electricity Coordinating Council

- Problem: North America is broken up into Regional Entities that are responsible for the bulk power system in their area

- Question: How many Regional Entities are there?

  A. 5

  B. 7

  C. 6

  D. 9

  E. 8

- Answer: C. 6

- Explanation: There are six (6) Regional Entities – MRO, NPCC, RF, SERC, TRE, and WECC. The number changes over time.

RELIABILITY | ACCOUNTABILITY

- NERC collects transmission, generation, protection system operation, and demand response data for analysis and performance reporting of the bulk power system

- Generating Availability Data System (GADS) applications are the collection tools NERC provides for the reporting of generator operating data

  - webE-GADS collects data for thermal and hydro generation

  - GADS Wind Reporting application collects data for wind generation

- NERC GADS web page:
  - https://www.nerc.com/pa/RAPA/gads/Pages/GeneratingAvailabilityDataSystem-(GADS).aspx
- Data Reporting Instructions (DRI) and reporting templates:
  - https://www.nerc.com/pa/RAPA/gads/Pages/Data%20Reporting%20Instructions.aspx
- Frequently Asked Questions (FAQs):
  - https://www.nerc.com/pa/RAPA/gads/Pages/GADS-FAQ.aspx
- Training page:
  - https://www.nerc.com/pa/RAPA/gads/Pages/Training.aspx
- GADS User Group web page:
  - http://www.nerc.com/comm/PC/Pages/Generating-Availability-Data-System-Working-Group-(GADSWG)-2013.aspx

Questions and Answers