NERC
NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION

Generating Availability Data System

Data Reporting Workshop

Module 01 - GADS Data Reporting Workshops
June, 2019

RELIABILITY | ACCOUNTABILITY




Welcome

- Bathrooms
- Break for 5-10 minutes every hour
- Breakfast/Lunch will be served
- In case of emergency
  - Exits
  - Assembly area
- There is no such thing as a dumb question
- A certificate is available (8 PDH) for those who sign up for it

Introductions

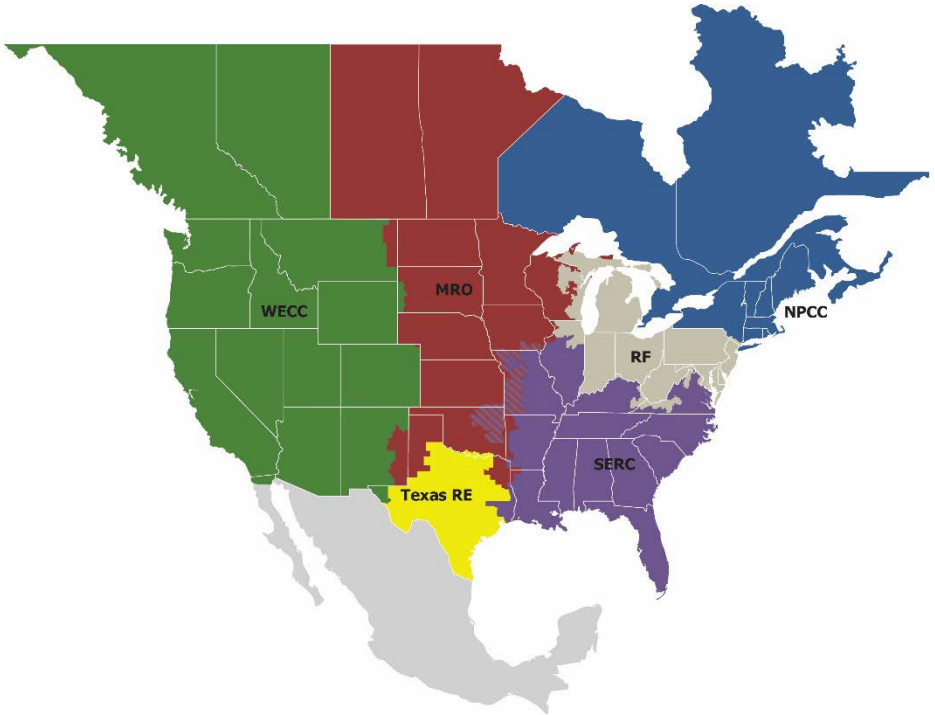
- Introduction of
  - Instructors and Attendees
    - Name
    - Title
    - Company
    - Unit mix
    - GADS Experience
      - How long
    - Describe your GADS work experience
      - Data collection
      - Data submission
      - Data analysis
      - Benchmarking
      - Other

Mission of NERC

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

- 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, Texas RE, and WECC. The number changes over time.

Background

- NERC collects transmission, generation, protection system operation, and demand response data for analysis and performance reporting of the bulk power system
- Generator 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
NORTH AMERICAN ELECTRIC RELIABILITY CORPORATION

Questions and Answers