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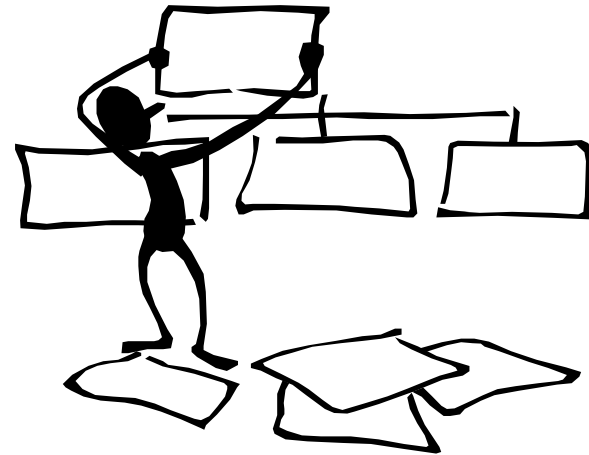
# **Texas RE Update**

**Bill Lewis, Compliance Team Lead**  
**NERC Reliability Working Group**  
**May 16, 2013**

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# EOP-005-2: System Restoration from Blackstart Resources

- Enforceable Monday, July 1, 2013
- Texas RE is working with the ERCOT and Black Start Working Group.
  - Review what is being done in the ERCOT region and match with the corresponding requirements.
  - Completion: End of May/Early June.



# PER-005-1: System Personnel Training

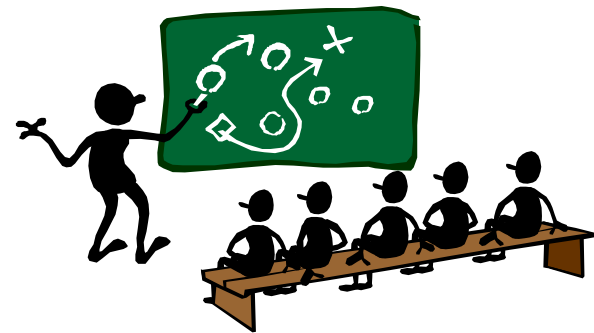
- **Most requirements became enforceable April 1, 2013.**
- **Purpose:** to ensure that Reliability Coordinator (RC), Balancing Authority (BA) and Transmission Operator (TOP) System Operators performing real-time, reliability-related tasks on the North American Bulk Electric System (BES) are competent to perform those reliability-related tasks.
- **Applicability:**
  - Reliability Coordinator
  - Transmission Operator
  - Balancing Authority

# Training Program

- **What should be included in your training program?**
  - A list of BES company-specific reliability-related tasks performed by your System Operators must be documented, saved and updated.
    - Make sure this list is reviewed and updated each calendar year. Do not forget to document the review.
    - The design, learning objectives and training materials are based upon the task list.
    - Training provided is based on the task list.
    - Perform an annual review of your training program and make any changes necessary. Again, do not forget to document this review.
  - To generate a list, a good starting point may be your desk procedures.

# Training Program

- **Your training program verifies each System Operator's capabilities to perform the identified task. If any of those tasks change, the System Operator's capabilities must be verified to perform the new or modified tasks within six months.**
  - Note that training on a task is not required to be delivered to a System Operator who is documented to already be capable of performing the task, unless it is part of the entity's training plan to include the task in continued training.



# Emergency Training

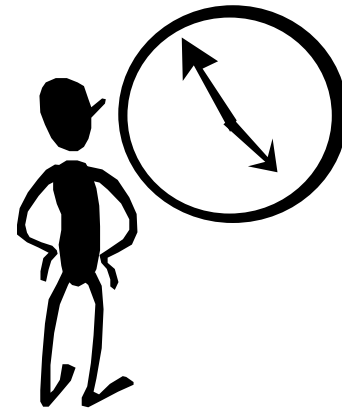
- **Every 12 months provide each System Operator with at least 32 hours of emergency training.**
  - It must reflect your emergency operations topics including system restoration.
  - If you have operational authority or control over Facilities with established Interconnected Reliability Operating Limits (IROLs) or have established operating guides or protection systems to mitigate IROL violations, you must provide each System Operator with emergency operations training using simulation technology such as a simulator, virtual technology, or other technology that replicates the operational behavior of the BES during normal and emergency conditions.

# Documentation

- **Do not forget to document all aspects of your training program including task list, training materials, schedules, and training records.**
- **Keep records of who was trained (and when) in order to show that the training was delivered.**
  - Make sure to include the names of attendees, dates of delivery and title of training.
- **Keep records of any instructor observations, trainee feedback, course evaluations, learning assessments or internal audit results as part of your record.**

# EOP-008-1: Loss of Control Center Functionality

- **Requirements become enforceable July 1, 2013.**
- **Purpose:** Ensure continued reliable operations of the BES in the event that a control center becomes inoperable.
- **Applicability:**
  - Reliability Coordinator
  - Transmission Operator
  - Balancing Authority





# Requirements

- **R1:** Current Operating Plan describing the manner in which it continues to meet their functional obligations in the event that its primary control center functionality is lost.
- **R2:** The Operating Plan available at both sites.
- **R3 and R4:** Backup control center functionality.
- **R5:** Annual review and approval of the Operating Plan. Remember to document the review.
- **R6:** The primary and backup control centers are independent of each other.
- **R7:** Conduct and document your annual test of your Operating Plan.

# Reliability Assurance Initiative (RAI)

- **NERC is continuing the process of defining, planning and staffing projects which are required to implement RAI.**
  - 3 to 5 year implementation.
  - NERC is reaching out to the regions and industry for support.
- **NERC will hold periodic technical conferences to inform and solicit input from industry.**
- **As a result of the third party assessment of regional audit practices, a common audit checklist has been established.**
  - All 8 regional entities are utilizing the audit checklist.
  - Pre-audit planning, audit planning, fieldwork, reporting/wrap-up.

# Reliability Assurance Initiative (RAI)

- **2013 Projects**

- Demonstration in MRO
  - Evaluate a Registered Entity's internal controls.
  - Evaluate risk profile.
  - A similar demonstration will occur in ERCOT region (early 2014).
- RSAWS/CANs revised.

- **NERC has posted**

- RAI Questions and Answers

<http://www.nerc.com/pa/comp/Reliability%20Assurance%20Initiative/RAI%20QA%20Document.pdf>



# Questions?

## Contact Information

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## Texas RE Contacts

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Pages/Default.aspx\*\*](http://www.texasre.org/about/contact/Pages/Default.aspx)