

NAESB COORDINATE OPERATIONS BUSINESS PRACTICES STANDARD TASK FORCE SCOPING DOCUMENT - DRAFT

Introduction

The NAESB Coordinate Operations Business Practices Task Force (COBPTF) was formed to review the proposed NERC standard entitled "Coordinate Operations" and to recommend whether there is a need for a companion business practice.

Purpose of the NERC Coordinate Operations Standard

NERC Standard Drafting team has begun the process of drafting the standard and it is in the process of developing a draft standard to be posted for industry comments. The purpose of the NERC Coordinate Operations Standard is to establish requirements for the coordinated operations between RA's for operational (for current and next day, mostly to replace provisions of NERC Policy 9) planning, real-time operations, and maintenance of the interconnected Bulk Electric System. According to the NERC SAR for Coordinate Operations the standard is expected to address the following areas:

- Documenting the RA's Authority to Assist in resolving problems that it causes to another system
- Developing, Maintaining and Sharing Operating Procedures
- Analyzing Maintenance Outages
- Performing Security Analyses
- Performing Generation Resource Availability Analyses
- Sharing Results of Analyses
- Communicating with Others
- Acting with Others

The main focus of the NERC Coordinate Business Operations Standard is to develop requirements, measures, Compliance, and Levels of Non Compliance that impact reliability of the Bulk Power System. These impacts include instability, uncontrolled separation, or cascading. Any other information exchange or coordination is not in the scope of the NERC Standard.

Proposed scope of the Coordinate Operations Business Practices Standard

~~Whereas NERC Coordinate Operations Standard is going to include the information exchange among RAs related to reliability of Bulk Power System only, NERC Policy 4 (System Coordination) and Policy 9 (Security Coordinator Procedures) provide for more general coordination and data exchange. In addition, Emergency Operations and Operational Planning provisions in NERC Policy 5 and NERC Policy 6 may also not be covered in the NERC Coordinate Operations Standard or any other NERC Standards. The NAESB Coordinate Operations Business Practices Standard Task Force should review and address the following areas:~~

- ~~• Monitoring System Conditions~~

- ~~Operational Security Information—refer Appendix 4B~~
- ~~Maintenance Coordination~~
- ~~System Protection Coordination~~
- ~~Emergency Operations—Coordination with other Systems (Policy 5)~~
- ~~Emergency Operations (Policy 6)~~
- ~~Transmission System Relief~~
- ~~Separation from the Interconnection~~
- ~~System Restoration (Policy 5 and Policy 6)~~
- ~~Disturbance Reporting~~
- ~~Sabotage Reporting~~
- ~~Normal Operations~~
- ~~Control Center Back up~~
- ~~Automatic Load Shedding~~
- ~~Energy Emergency Alerts—Appendix 9B~~
- ~~Transmission Load Relief Procedures—Appendix 9C~~

~~Some of these areas may be address in other NERC Standards that are in different stages of development. The NAESB Coordinate Operations Business Practices Standard Task Force should review scope of these Standards and determine which areas need to be included in the scope of the NAESB Coordinate Operations Business Practice Standard. The current NERC Policy 4, Policy 5, Policy 6, and Policy 9 will be deleted when new Standards are implemented.~~

May want to consider a Coordinate Operations Business Practice Standard that is based on Market and System needs. Scope could include:

Define the minimum Market Information needs for:

- *Normal system conditions*
- *Emergency system conditions*
- *Restoration conditions*

These define coordination obligations from Reliability entities to Market participants.

Define the Coordination and Support responsibilities of Market participants during:

- *Emergency system conditions*
- *Restoration conditions*

These define coordination obligations from Market participants to Reliability entities.

These would be the Principles that participants hold themselves accountable for (for the purpose of ensuring or restarting the transmission system)

Define Market Coordination Principles

- *For wide-area events (instability, cascading ...)* ———— *(just do it!!!)*
- *For local events (local line overloads)* ———— *(encourage market solutions)*
- *Maintenance*

Do you want a Standard for doing maintenance? One that would override your decision based on a predefined standard? Or should maintenance policy be defined by Market operators?

Rather than self-impose the TLR process it may be better to define guidelines for evaluating impacts so that market solutions can be designed to correct the problem (and avoid the mistake of NERC's command and control policy).