APPLICABILITY: Reliability Coordinator

I. Purpose

Peak Reliability's Reliability Coordinator (RC) Plan describes the processes implemented as the Reliability Coordinator responsible for coordinating and promoting Bulk Electric System (BES) reliability within the RC Area.

II. Introduction

Peak Reliability's Reliability Coordinator RC Plan describes the processes implemented as the Reliability Coordinator responsible for coordinating and promoting Bulk Electric System (BES) reliability within its RC Area.

Peak Reliability's RC Plan, in concert with the mandatory NERC Standards applicable to the reliability coordinator, addresses the reliable operation of the BES during normal operations, in the next-day timeframe and during emergency conditions.

III. Terms

Expressions used in this document are defined in the North American Electric Reliability Corporation (NERC) Reliability Standards document *Glossary of Terms Used in NERC Reliability Standards* and can be found on the NERC website.

Throughout this document, the abbreviation RCO will be used in reference to the two Reliability Coordination Offices (located in Vancouver, Washington and Loveland, Colorado) and to all the duties performed by Peak Reliability employees at these locations in the performance of the Reliability Coordinator function. These duties include the management of Peak Reliability's Energy Management System, Information Technology, and study support; as well as the administration and work of the Reliability Coordinator System Operator (RCSO) personnel described in the following paragraph.

The abbreviation RCSO will be used to refer to the those NERC RC-certified Peak Reliability employees working at the RCOs who have the responsibility and authority to monitor the Peak Reliability BES and, as needed, issue directives for actions needed to maintain system stability and security in the RC Area.

IV. Scope of Responsibilities

Mission

The RCSOs are responsible for monitoring and directing the reliable operation of the RC Area in compliance with NERC standards. The RCSOs monitor and assess

transmission reliability using the West-wide System Model, which provides them with a wide-area view in both real-time and in the next-day time frames.

Authority to Act
The individual RCSOs have clear decision-making authority to act and to direct actions to be taken by functional entities within the RC Area to preserve the integrity and reliability of the BES, in accordance with NERC Standards.

All Peak Reliability RC personnel shall act in the interests of reliability for the Western Interconnection overall before the interests of any single entity.

Geographic Responsibility
The personnel at Peak Reliability have RC responsibilities for their RC Area, which is comprised of the Western Interconnection excluding Alberta.

Peak Reliability has established agreements with adjacent RCs to assure that RC actions are coordinated across RC boundaries.

Time Error Correction and Geo-Magnetic Disturbance (GMD) Notification
Peak Reliability is the Interconnection Time Monitor and will communicate start and end times for Time Error Corrections to the Balancing Authorities (BA) throughout the Western Interconnection.

Peak Reliability will ensure that TOPs and BAs throughout the RC Area are aware of GMD forecast information and assist as needed in the development of any required response plans.

V. Focus

To assure the operational reliability of the RC Area, the RCO shall be staffed with adequately trained and NERC-Certified RCs 24 hours per day, seven days per week.

In addition, the RCSOs along with supporting staff shall:

- Comply with all mandatory standards applicable to the reliability coordinator function.
- Make decisions that assure the integrity and reliability of the BES take precedence over the interest of any one entity.
- Communicate with and advise functional entities within the RC Area.
- Coordinate and direct restoration efforts in the RC Area.
- Review and coordinate transmission and generation outages.
- Review and coordinate next-day operations, including performing Operational Planning Analyses (OPA).

The RCSOs shall direct operating entities to:

- Comply with Disturbance Control Standards and Control Performance Standards.
- Take action to return operation of the transmission facilities to within IROLs as soon as possible, these actions shall be taken without delay but no longer than 30 minutes.
- Take action to return operation of the transmission facilities to within SOLs as soon as practicable, but not to exceed timeframes defined in applicable standards.
- Take action to preserve the integrity and reliability of the BES.

The RCSOs shall consider the following regarding SOLs and IROLs:

- In cases where the derived operating limits differ from one area to another, the functional entities will always operate the BES to the most limiting parameter.
- The RCs shall monitor system conditions to assure one entity does not place an unacceptable or undue burden on adjacent entities.
- Entities shall comply with RC directives unless such actions would violate safety, equipment, or regulatory or statutory requirements. Under these circumstances, these entities shall immediately inform the issuing RC of the inability to perform the directive so that the RC may implement alternate remedial actions.

VI. Communication

Facilities

The RCO shall provide adequate and reliable telecommunication facilities to ensure the exchange of interconnection and operating information necessary to maintain reliability. Where applicable these facilities shall be redundant and diversely routed.

Language

Unless otherwise agreed, the RC, TOP, and BA shall use English as the language for all communications among operating personnel responsible for the real-time generation control and operation of the interconnected BES.

Directives

The RCSOs shall issue directives in a clear, concise, and definitive manner. The RCSOs shall verify with the person receiving the directive that the information given is understood. The RCSOs shall acknowledge that the response is correct or continue to communicate until it is certain that the individual receiving the directive clearly understands its intent. The conversation must end with an acknowledgement by the RCSO that the individual receiving the directive understands it correctly.

System Studies
Peak Reliability shall share the results of its system studies with RCs, TOs, TOPs, and BAs within the Western Interconnection. When required, Peak Reliability shall initiate a conference call or other appropriate communications to address the results of its OPA.

External Communication
To facilitate public awareness and cooperation during extended emergencies, the RCSOs shall ensure that effective, timely, and accurate information is provided (as appropriate per the
Peak Reliability Media Communication Policy) to key entities such as media, government, and regulatory bodies.

WECCNet
The RCSOs will follow the WECCNet guidelines for providing information via WECCNet.

Reliability Coordinator Information System (RCIS)
The RCSOs will follow the Reliability Coordinator Information System guidelines for providing information via RCIS.

VII. Delegation

The RCO has not delegated any of their tasks, nor have any tasks been delegated to the RCO.

VIII. Standards of Conduct

All Peak Reliability personnel must comply with the NERC Reliability Coordinator Standards of Conduct. These standards ensure that personnel do not act in a manner that favors one market participant over another.

IX. Data Confidentiality Agreement

All Peak Reliability personnel must adhere to the NERC Operating Data Confidentiality Agreement and must not convey information to any merchant function if the information is not made available simultaneously to all such merchant functions. Any RC, TO, TOP, or BA that has signed the WECC Synchrophasor and Operating Reliability Data Sharing Agreement may request access to Peak Reliability RC model and operational data for uses defined in the terms of that agreement.

X. Data Requirements

Peak Reliability shall determine the data requirements necessary to support its Reliability Coordination tasks and request such data from applicable entities. Peak Reliability shall provide, or arrange provisions for, data exchange between the RCs and the applicable entities via a secure network.

Approved:_____ Date: _____

Director of Reliability Coordination

Version History

Rev.	Date	Action	By	Change Tracking
1.0	08/10/2008 08/15/2008 09/10/2008	Issued for Implementation WECC Board Approved NERC OC Approved	Linda Perez	Original WECC RC Plan
2.0	01/10/2011 03/17/2011 05/04/2011	Revised and Reissued WECC Board Approved NERC OC Approved	Linda Perez	Changed format, removed repetitive requirements currently covered by the NERC Standards
3.0		Revised and Reissued	Michelle Mizumori	Updated for bifurcation of WECC and Peak Reliability, removal of Alberta, clarified responsibilities for SOLs, IROLs and outage coordination, revised terminology