

Agenda (Revised) Resources Subcommittee

July 30, 2008 | 8 a.m.–5 p.m.
July 31, 2008 | 8 a.m.–noon
Chateau Victoria Hotel & Suites
740 Burdett Avenue
Victoria, BC V8W 1B2, Canada
250-382-4221

1. Administrative

- a. Membership and Guests — Chair
- b. Arrangements — Secretary
- c. Approval of Meeting Minutes
 - i) April 30–May 1, 2008 — Chair
- d. Procedures
 - i) Parliamentary Procedures — Chair
 - ii) Antitrust Compliance Guidelines — Secretary
- e. Resources Subcommittee Action Items List (review prior to the meeting) — Chair
- f. NERC – RS Confidentiality Agreement — Chair
- g. Resources Subcommittee Charter — Secretary

2. Working Group Reports

Working Group Meetings, Conference Calls, or Action since the last RS Meeting

- a. Control Criteria Work Group — vacant
- b. Frequency Work Group — Raymond Vice
- c. Inadvertent Interchange Work Group — Don Badley
- d. Operating Reserves Work Group — Larry Akens

3. European Frequency Research

- a. Research Effort in Europe to Understand Frequency Patterns — Chair
 - i) **Reliability Concepts Document** — **Larry Akens w/John Tolo's Input**

4. NERC Reliability Standards

- a. Frequency Response SDT — Bill Herbsleb
 - i) **Three Items to Present** — **Mike Potishnak**
 - ii) **Frequency Response Calculations** — **Carlos Martinez**
 - iii) **NYISO Unit Frequency Response** — **Terry Bilke**

- b. Reliability-based Control SDT — Doug Hils, Raymond Vice
- c. Balancing Authority Control SDT — Larry Akens
- d. Performance Standards Reference Document — to be determined
- e. NAESB WEQ Time and Inadvertent Management — Chair
- f. **Frequency Devise Calibration – FERC Order 713 — Terry Bilke**
- g. **BAL RSAWs — Terry Bilke**

5. Active RS NERC-CERTS Applications

- a. Resources Adequacy (ACE-Frequency) Application System — Carlos Martinez, Terry Bilke
- b. Intelligent Alarms — Carlos Martinez, Terry Bilke
- c. AIE Monitoring Application (Project 2000-4) — Carlos Martinez, Don Badley
- d. CPS1 & BAAL Monitoring Application (Project 2001-38) — Carlos Martinez, Doug Hils, Raymond Vice
- e. Frequency Monitoring and Analysis Application (Project 2005-6) — Carlos Martinez, Raymond Vice, Terry Bilke
- f. Inadvertent Interchange Application — Carlos Martinez, Don Badley
- g. DOE North American Synchronous Phasor Initiative (NASPI) — Terry Bilke, Carlos Martinez
- h. **Benchmarking Discussion — Carlos Martinez, Tom Vandervort**

6. Frequency and Control Performance

- a. Western Interconnection Frequency Trends and Events — Bart McManus
- b. Eastern Interconnection Frequency Trends and Events — Raymond Vice
- c. ERCOT Interconnection Frequency Trends and Events — Sydney Neimeyer
- d. Hydro Quebec Interconnection Frequency Trends and Events — Mike Potishnak
- e. CPS1, CPS2, BAAL Data Trends — Terry Bilke
- f. DCS Data Trends — Terry Bilke
- g. Inadvertent Interchange Balances — Don Badley
- i) **Inadvertent Interchange Balances — Carlos Martinez**
- h. AIE Survey — Terry Bilke, Don Badley, Raymond Vice, Carlos Martinez
- i. Regional UFLS Databases — Tom Vandervort
- j. Eastern Interconnection Alarms – Observations — Raymond Vice, Carlos Martinez
- k. Disturbances Frequency Signatures and Analysis — Raymond Vice

7. Time Error

- a. Eastern Interconnection — Bill Herbsleb
- b. Western Interconnection — John Tolo
- c. ERCOT Interconnection — Sydney Niemeyer
- d. Hydro Quebec Interconnection — Mike Potishnak

8. NERC Operating Committee Directives to the Resources Subcommittee

- a. Reliability Concepts Document — Terry Bilke
 - i) **Reliability Concepts Document – Larry Akens w/John Tolo’s Input**

9. Future Meetings

- a. October 29–30, 2008 San Antonio
- b. January 28–29, 2009 San Diego
- c. April 29–30, 2009 Albuquerque (tentative)
- d. July 29–30, 2009 Toronto (tentative)
- e. October 28–29, 2009 Phoenix