

## Meeting Agenda

### Project 2009-02 Real-time Monitoring and Analysis Capabilities

#### SAR Drafting Team

April 15, 2015 | 2:00 – 3:00 p.m. Eastern

Conference Call

Dial-in: 1.866.740.1260 | Access Code: 6251541 | Security Code: 9292

#### Administrative

1. Determination of Quorum
2. NERC Antitrust Compliance Guidelines and Public Announcement

#### Agenda

1. Chair Remarks and Team Introductions
2. Project Background – Mark Olson (10 min)
3. Project References and Guidance (10 min)

a. Project page resources

i. SAR (2011 Version)

ii. Concept white paper (2011 version) and comments received

<http://www.nerc.com/pa/Stand/Pages/Project-2009-02-Real-time-Reliability-Monitoring-and-Analysis-Capabilities-RF.aspx>

b. Defined Term *Real-time Assessment* (filed and pending regulatory approval)

***Real-time Assessment*** - An evaluation of system conditions using Real-time data to assess existing (pre-Contingency) and potential (post-Contingency) operating conditions. The assessment shall reflect applicable inputs including, but not limited to: load, generation output levels, known Protection System and Special Protection System status or degradation, Transmission outages, generator outages, Interchange, Facility Ratings, and identified phase angle and equipment limitations. (Real-time Assessment may be provided through internal systems or through third-party services.)

c. Proposed Reliability Standard TOP-001-3 - Transmission Operations (filed and pending regulatory approval)

<http://www.nerc.com/pa/Stand/Pages/AllReliabilityStandards.aspx?jurisdiction=United States>

d. Proposed Reliability Standard IRO-008-2 - Reliability Coordinator Operations Analyses and Real-time Assessments (filed and pending regulatory approval)

<http://www.nerc.com/pa/Stand/Pages/AllReliabilityStandards.aspx?jurisdiction=United States>

- e. 2003 Blackout Final Report  
<http://www.nerc.com/pa/rrm/ea/Pages/Blackout-August-2003.aspx>
- f. 2011 Southwest Outage  
<http://www.nerc.com/pa/rrm/ea/Pages/September-2011-Southwest-Blackout-Event.aspx>
- g. Real-time Tools Best Practices Task Force:  
[http://www.nerc.com/comm/OC/Pages/Real-time-Tools-Best-Practices-Task-Force-\(RTBPTF\)-2013.aspx](http://www.nerc.com/comm/OC/Pages/Real-time-Tools-Best-Practices-Task-Force-(RTBPTF)-2013.aspx)
- h. FERC Order No 693
  - i. Para 905, 1660, and 1875  
<http://www.nerc.com/FilingsOrders/us/FERCOrdersRules/ORDER%20693.pdf>

**4. Discuss Project Schedule and Deliverables (15 min) – Mark Olson**

**5. Upcoming meetings (5 min) – Mark Olson**

- a. April 30, 2015 | 1:00 – 4:00 p.m. Eastern | Web meeting
- b. In-person meeting (to be determined – May/early June, 2015)
- c. Technical conference

**6. Adjourn**