Control Room Solutions Task Team (CRSTT) Conference Call Minutes
January 20, 2016
Co-leads, Mike Cassiadoro (mcassiadoro@totalreliabilitysolutions.com)
& James Kleitsch (jkleitsch@atcllc.com), co-leads
Teresa Carlon (teresa.carlon@pnnl.gov), support

Attendees
Roll call – see list below. Call led by Jim Kleitsch.

Action Items
- **Marianna** stated that she would like to jump into working on the Using Synchrophasor Data to Monitor Reactive Power Balancing once the State Estimation Survey is complete. Thank you Marianna!
- **In progress**: Enhanced State Estimation Survey – March 2016, hosted by PNNL.
- **Jim** to talk to Ryan Quint about providing a short update on NERC SMS at the CRSTT breakout session in Atlanta, GA.

Minutes
- Four talks have been assigned to the CRSTT breakout session in Atlanta, GA. You may download the full agenda from the NASPI web site.
- If you have CRSTT items that you would like to see on the CRSTT breakout session please email them to Jim, Mike or Teresa. Emails are above, thank you.
- CRSTT 2016 Goals are identified in the agenda.
    o Using synchrophasor data for phase angle monitoring paper to be completed in March 2016. NDR will be finishing up draft paper, paper will be posted on the NASPI web site. CRSTT will work with the Leadership Team (LT) to have a Phase Angle Alarm Workshop at the NASPI October 2016 Work Group meeting. Additional video clips will likely be added to the CRSTT online video library.
    o Enhanced State Estimation Survey – Survey will be hosted by PNNL and will likely be sent out by the end of March 2016. The survey is currently being edited by Mike, Jim and Marianna.
    o Focus Area Documents that haven't made any progress, but Jim still thinks there is value in pushing these forward: Oscillation Detection, Determining Disturbance Locations, and Using Synchrophasor Data to Monitor Reactive Power Balancing. If you are interested in taking on any of these documents please contact Jim and/or Mike.
- Jim shared an event data example; oscillation observed during a storm with multiple line trips. Just another example of SCADA not showing the level of detail that a PMU would. New tools coming out will help with analysis.

Adjourn

Next CRSTT Conference Call
- **February 17, 2016 @ 12:30pm PT / 3:30pm ET**. The conference calls are scheduled for the third Wednesday of the month unless otherwise noted.

Reference Documents
NASPI CRSTT web site
NASPI CRSTT Advanced Synchrophasor Applications
System Islanding Detection and Blackstart Restoration – **Posted 6/12/2015**

Attendees

Anil Jampala
Cody Parker
Emanuel Bernabeu
Evangelos Farantatos
Frank Tuffner
Gordon Matthews
James Gotesky
James Kleitsch
Jing Liu
Marianna Vaiman
Mark Albright
Ping Ye
Scott Feuerborn
Tao Yang
Teresa Carlon
Wu Zhongyu
Yi Hu