![NASPI North American SynchroPhasor Initiative]

Control Room Solutions Task Team (CRSTT) Conference Call Minutes
February 17, 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 Mike Cassiadoro.

Action Items
- **NDR** would like to share his India Use Cases at the CRSTT breakout session.
- **NDR** stated that he would like to work on the Oscillation Detection paper.
- **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.
- **Lync/Skype Support**: For those of you who have issues using Lync/Skype during our meeting and would like to have them resolved, please contact Teresa Carlon (teresa.carlon@pnnl.gov). PNNL It staff will help you walk through the troubleshooting.

Minutes
- Review March 2016 CRSTT breakout session / NASPI Work Group meeting agenda. The breakout session will consist of finalizing 2016 CRSTT goals and prioritizing remaining focus area documents.
- Review CRSTT 2016 Goals. Prioritize and complete remaining focus area documents. Develop operation use case summary document to support NASPI technical papers. Create additional video event files for use cases and simulated events (includes data sharing). Gather operator feedback and synchrophasor application (best practices). Identify available training materials.
- Update on CRSTT focus area documents.
  o NDR: Phase Angle Monitoring Paper; NDR, Mike and Jim met to resolve some of the comments received on the draft paper. The document should be posted on the NASPI web site within the next couple of weeks. NDR would like to have a workshop at the NASPI October 2016 meeting. After that workshop the goal would be to post the videos from that event on the NASPI web site thereby complementing the Phase Angle Monitoring paper.
  o Focus Area Documents that haven't made any progress. How do we revive them? 1) Oscillation Detection (**NDR** asserted he would have time to work on this topic), 2) Determining Disturbance Locations, and Using 3) Synchrophasor Data to Monitor Reactive Power Balancing (**Marianna** will tackle when survey is finished). If you are interested in taking on any of these documents please contact Jim and/or Mike.
- Enhanced State Estimation Survey. Alison has reviewed, however the survey is still being edited and final details being implemented to the online survey. Jim has questions for Marianna before finalizing.
- Event data example
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Adjourn

Next CRSTT Conference Call
- **March 23, 2016 CRSTT breakout session, Atlanta, GA**.

Reference Documents
NASPI CRSTT web site
NASPI CRSTT Advanced Synchrophasor Applications
Using Synchrophasor Data during System Islanding Detection and Blackstart Restoration **– Posted 6/12/2015**
Using Synchrophasor Data for Voltage Stability Assessment **– Posted 11/9/2015**

Attendees

Cody Parker
Evangelos Farantatos
Frank Tuffner
Gordon Matthews
Jared Bestebreur
Jim Kleitsch
Jim Viikinsalo
Jorge Vaides
Logic Naim
Mark Albright
Mike Cassiadoro
Sarma (NDR) Nuthalapati
Teresa Carlon
Tom Rizy