

**North American Synchrophasor Initiative  
Technical Workshop  
Synchrophasor Data Quality Management and Improvement**

**March 21, 2016  
1:00 – 5:30 pm  
Atlanta Marriott Marquis Hotel  
ATRIUM A BALLROOM  
Atlanta, Georgia**

- |         |  |
|---------|--|
| 1:00 pm | Introduction   |
| 1:15 pm | What are we measuring and how are systems performing? Data quality definitions and metrics -- overview of current data quality results from Reliability Coordinators in North America <ul style="list-style-type: none"><li>• Review definitions and performance metrics from several North American synchrophasor systems</li><li>• Q&amp;A</li></ul>   |
| 1:45 pm | How do you get good data quality? Data quality management and best practices <ul style="list-style-type: none"><li>• DOE data quality best practices study -- Ken Martin (EPG) (25 mins)</li><li>• PJM implementation processes – Ryan Nice (PJM) (20 mins)</li><li>• PEAK data management process – Dan Brancaccio (Peak) (20 mins)</li><li>• Better ways to manage data -- Paul Myrda (EPRI) (20 mins)</li><li>• Q&amp;A</li></ul> |
| 3:20 pm | Break  |
| 3:30 pm | Data quality tools and remedies <ul style="list-style-type: none"><li>• GPA Phasor Data Quality Tracker – Russell Robertson</li><li>• EPG Synchrophasor Data Validation &amp; Conditioning Application – Ken Martin &amp; Kevin Chen</li><li>• Alstom – built into software – Manu Parashar</li><li>• Q&amp;A</li></ul>  |
| 4:30 pm | Phasor Applications Requirements Task Force report – data quality framework, definitions, measurement and testing – Laurie Miller (PNNL)   |
| 5:00 pm | Bringing it all together -- next steps?  |
| 5:30 pm | Adjourn  |