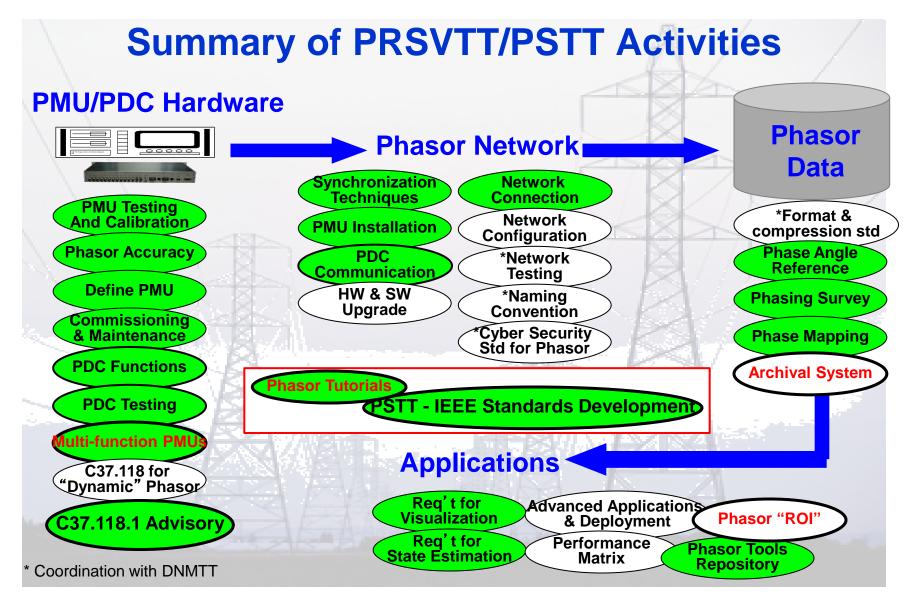


# Performance Requirements, Standards & Verification Task Team

- Task Team Co-Leaders:
  - David Bertagnolli, New England ISO
  - Jim O'Brian, Duke Energy
  - Farnoosh Rahmatian, Quanta Technology
- Task Team Technical Support: Henry Huang/PNNL
- Task Team Administrative Support: Teresa Carlon/PNNL
- This task team comprises ~ 200 members (>70 Active)









## Recent PRSVTT Accomplishments

- Participate in ICAP\* Synchrophasor Conformity Steering Committee for PMU certification
- Coordination with IEEE PSRC (C23) and IEEE PES Technical Council
- Guide on Using PMUs in Multi-Function Devices
- Synchrophasor System Tutorials
  - In coordination with IEEE PES PSRC



### **PRSVTT Active Initiatives**

- Continue to Participate in ICAP\* Synchrophasor
   Conformity Steering Committee for PMU certification
- Continue Coordination with IEEE PSRC (C23) and IEEE PES Technical Council
- Guide on Application Requirements and Benefit Metrics (Phasor "ROI")
- Guide on Data Archival Systems
- Support of NASPI-wide "PMU Application Data Requirements Document."



#### **Current and New Goals and Metrics**

1				PS-/	
Goal #	Goal	Metric	Deliverable	<b>Priorities</b>	Lead
1	Phasor Requirements and Benefit Metrics for Tools and Applications	Develop a guide	May '15	High	Dave Bertagnolli and Tony Weekes
2	Guide for Phasor Data Repository and Archiving	Develop a guide	June '15	High	Vahid Madani and Henry Huang
3	Support of NASI-wide Effort on "Categorizing Phasor Measurement Units by Application Data Requirements	Review and quantification of limits for performance metrics	Dec '14	Medium	To be reviewed
4	Performance Requirements for Data Exchange	Develop a guide	October '14	To be reviewed	To be reviewed



## **PRSVTT Meeting Updates**

- Update on PSRC Working Groups C23,
- NIST Update –
- Presentations
  - Virtual instrumentation-based PMU calibrator for IEEE C37.118-2011 testing
  - A novel arbitrary resampling-based algorithm for synchrophasor measurement in compliance with IEEE C37.118.1a-21014