



MISO

Communication and Data Quality Issues

What are appropriate design goals for phasor data and communications system quality?

- Start Small – build organically
- Use existing technologies where possible to expedite adoption
- Be realistic in expectations

What are appropriate system designs to achieve production-grade delivered data?

- There is nothing special about phasor data
- Monitoring at each level
 - Line
 - Data
 - Application
 - Use
- Move goals from R&D production use

What performance monitoring is required for production-grade phasor data results?

- PDC statistics
 - Dropped packets
 - Latency
 - Reporting by link/data type,
- Bad Data detection
 - Start with 37.118 status but don't end there
 - Compare to SCADA and State Estimated values
- Production use sets the right mindset
- Store quality values to correlate