PMU Group Proposal

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IRTF - February 13, 2013
• Problem/Opportunity Statement presented and approved
  • Seeking to make a policy change to the ISA and manuals to add explicit requirement of installing SynchroPhasor Measurement Units ("PMU") at new Generation Interconnections.

10/23/2012

• CBIR “Lite” PMU group initiated under PC
  • Work plan approved

1/22/2013

• Final Report reviewed
  • Seven total meetings
  • Education on PMU-related issues covering eleven topics
  • Two packages proposed
Comparative Summary

• Two proposal packages from the group
  ➢ Package 1 supported by PJM
  ➢ Package 2 proposed by stakeholder participants

• Both packages agree:
  ➢ Generation Interconnection Customers with a single unit nameplate rating 100MVA or larger or a generating plant consisting of multiple units with total generation aggregate nameplate rating 100MVA or larger is required to install the PMU;
  ➢ Collected PMU data shall be transmitted to PJM continuously as well as stored locally for 30 days;
  ➢ Collected PMU data will vary based on the type of the generation;
  ➢ PJM will cover the communication link (PhasorNet) cost.
• Main difference – Who will pay for the capital cost of establishing (installation) the PMU collection system?
  ➢ Package 1 – It would be paid for by the Generation Interconnection Customer, as asset owner.
  ➢ Package 2 – PJM would cover the cost and recover it through the administrative fee.

• Final Report and all documentation posted on pjm.com