PJM Relay Testing Subcommittee
PJM Relay Testing Subcommittee
Testing and Maintenance Practices

• Document purpose
  o Provide recommendations for time based maintenance intervals of protection systems.
  o List protection system types with recommended calibration test and functional test intervals.
  o Provide guidance for maintenance program documentation and spare components or replacement parts.
PJM Relay Testing Subcommittee
Testing and Maintenance Practices

• Outline of changes for periodic review

  – Document Scope
    o “Directive” changed to “Guideline”
    o Following transmission lines added: (as defined by each member utility)
    o Corrected reference to PJM Manual 07: PJM Protection Standards.

  – Frequency of Testing
    o Disturbance monitoring equipment testing frequency changed from 4 years to 8 years.
PJM Relay Testing Subcommittee
Requirements for BES End to End Line Protection Testing

• Document purpose
  o Detail the requirements for performing end to end testing of interconnected line protection schemes.
  o Define a testing protocol for member utilities to follow.
  o Provide a sample end – end test plan for automated dynamic state testing.
Questions?