Manual 14 Revisions

• What manual revisions are completed?
  – Order No. 890 Compliance – immediate focus
  – Manual 14B §§ 1, 2 and related Attachments
  – This material is support for compliance
  – Compliance filing made December 7

• Next steps
  – Continue 14B improvements as needed
  – Manual 14A
    • Introduction to the Generation and Transmission Interconnection Process
MANUAL 14B
PJМ REGION TRANSMISSION PLANNING PROCESS
(retained sections in blue)
• Table of Contents
• Table of Exhibits
• Approval
• Current Revision
• Introduction
• Section 1: Process Overview
• Section 2: Regional Transmission Expansion Plan Process

• Section 3: Generator and Transmission Interconnection Planning Process
  – Generation and Transmission Interconnection Feasibility Study
  – System Impact study
  – Generation and Transmission Interconnection Facilities Study
• Section 4: Small Resource Interconnection Process
• Section 5: Interconnection Service, Construction & Other Service Agreements
• Section 6: Additional Generator Requirements
  – Behind The Meter Generation Projects
  – Generator Power Factor Requirements
  – Wind-Powered Generation Projects
MANUAL 14B
PJM REGION TRANSMISSION PLANNING PROCESS

• Attachment A: PJM Generation and Transmission Interconnection Planning Process Flow
• Attachment B: PJM Cost Allocation Procedures
  – PART 1: PJM GENERATION AND TRANSMISSION INTERCONNECTION COST ALLOCATION
  – PART 2: SCHEDULE 12 COST ALLOCATION PROCESS FOR BASELINE TRANSMISSION RELIABILITY AND MARKET EFFICIENCY UPGRADES

• Attachment C: PJM Generation and Transmission Interconnection Planning Team Role Diagram
• Attachment D: Regional Transmission Expansion Plan-Scope and Procedure
• Attachment E: PJM Deliverability Testing Methods
• Attachment F: General Description of Facilities Study Procedure
• Attachment G: PJM Reliability Planning Criteria
• Attachment G-1: Load Loss Definition
• Attachment H: Small Generator (10 MW and Below) Technical Requirements and Standards
• Attachment H-1: Small Generator (above 10 MW to 20 MW) Technical Requirements and Standards
• Annex 1: SCADA Requirements by Transmission Owner Region
• Attachment I: Market Efficiency Analysis Economic Benefit / Cost Ratio Threshold Test
• PJM Manual 14B Revision History
• Current name: M-14B: PJM Regional Planning Process

• New name: M-14B: PJM Region Transmission Planning Process
  – Regional Transmission Expansion Plan (RTEP)
  – There is an “RTEP process”
  – There is an RTEP Protocol (OA)
Generation/Transmission Interconnection

- M-14A: Introduction to the Generation and Transmission Interconnection Process
- M-14B: PJM Regional Planning Process
- M-14C: Generation and Transmission Interconnection Facility Construction
- M-14D: Generator Operational Requirements
- M-14E: Merchant Transmission Specific Requirements
PJM Region Planning

- M-14: Introduction

- M-14A: The Generation and Transmission Interconnection Process
  - May become just generation (see M14E)

- M-14B: PJM Region Transmission Planning Process

- M-14C: Generation and Transmission Interconnection Facility Construction

- M-14D: Generator Operational Requirements

- M-14E: Merchant Transmission Specific Requirements