



## Potential Education Topics

(List of topics has yet to be grouped or sequenced)

1. Understanding the duties, rights and obligations of signatories to the CTOA
2. Cost Allocation
  - o What does it involve? Who is responsible / accountable for this?
  - o ER15-1387 – How does this most recent order guide our education sessions?
    1. What are the implications?
  - o What are the cost impacts that result from cost allocation? (impacts to regions, zones, PJM, PJM Members, Ratepayers)
  - o How are costs associated with Maintenance applied or affected?
  - o How are costs associated with capital projects applied or affected?
3. Understanding the PJM OATT, OA and related PJM agreements and their interplay with / separation from the CTOA
4. Local Planning Criteria
  - o What is a Form 715? What does it contain? Who files these? What is the periodicity of filing?
  - o What types of information (public and or confidential) and data is contained within a filing?
  - o Summarize – to the extent possible – which regions or companies utilize Form 715 as a vehicle for replacement of end of life assets
5. Asset Management
  - o What is it? How is done throughout PJM? What is common? What is or may need to be specific to a region or company?
  - o How is asset management different from expansion planning? Why the difference?
  - o To what extent are asset management decisions coordinated with expansion planning decisions? When and why the need for coordination?
  - o In addition to end-of-life, what other needs are addressed through asset management? Why do some owners choose to address those needs through asset management constructs while others choose to address them through expansion planning constructs?
6. Risk/ Corporate Risk Tolerance / Business judgement applied to risk acceptance versus useful lives of assets
  - o Share principles of business judgement that weigh upon asset replacement (e.g. escalating costs of obsolescent maintenance items)
  - o Business case considerations for repair, reinforcement, replacement or upgrading/uprating
  - o Role of compliance and other regulatory requirements.
7. How do utilities deal with and address cost prudence?
8. Detail and summarize the EOL linkages to the PJM RTEP
9. Transparency
  - o Outline the state of Transparency as it exists today via the RTEP, TEAC, Sub-regional planning efforts

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- o Discuss and build common understanding of a desired threshold/definition? for "depth" of transparency (e.g. I believe we wish to avoid some of Takis' examples)
- o What are the stakeholders needs regarding transparency?
  1. Timing?
  2. Reporting needs?
  3. Level of reporting/transparency?
  4. Other?

o What level of transparency would stakeholders consider adequate for asset management decisions and for expansion planning decisions?

#### 10. Consistency

o Develop a common understanding of the nature and level of consistency that is being sought by PJM and stakeholders.

o Is the consistency that is being sought across project types or across transmission zones?

o How should geographic, environmental, business, locational, and other regional differences be taken into account?

#### 40.11. Utility Decision Making for EOL

- o What are the elements of the decision making process?

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