



PJM Energy Security Gap Analysis Overview

Anthony Giacomoni
Senior Market Strategist
Advanced Analytics
April 26, 2019

- Assess what current mechanisms exist today that contribute toward energy security and identify any potential gaps that may exist.
- Gaps could be related to the following:
 - Compensation
 - Event Duration
 - Event Type
 - Etc.

- Capacity Performance (CP)
- Contingency Reserves – Current and Proposed
- Regulation Reserves
- Maximum Emergency Dispatch
- Gas Contingency Procedures
- Gas/Electric Coordination
- Market Efficiency Planning Solution
- Restoration Plan (i.e. load shedding procedures)
- Post Contingency Local Load Relief Warnings
- Additional?

- Objective of Mechanism
- Time Period
- Requirements
- How the Requirement is Calculated
- Fuel Eligibility
- Compensation
- Other reasons why the mechanism does or does not contribute toward energy security
- Additional?

- Additional Scenarios to be identified for consideration
 - Pipeline disruptions, future generation profiles, etc.
 - Gap analysis may help identify
 - Additional?
- Based on the preceding gap assessment and identified scenarios, the risks will be categorized:
 - Determine what scenarios have higher impact and risk
 - Identify areas, if any, for solution focus (i.e. locational, system, etc.)