



Fuel Security Senior Task Force Charter Endorsement

Tim Horgler
Director, Energy Market Operations
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Markets & Reliability Committee

- PJM brought forward the [problem statement](#) to determine what it means to be fuel/energy/resource secure and compare potential mechanisms to ensure and value fuel/energy/resource security in PJM
- Approved by the Markets & Reliability Committee on March 21, 2019

3. Determine what it means from a PJM system and/or resource level to be fuel/energy/resource secure. This determination should include all aspects of fuel supply characteristics, **resource type characteristics**, location of the fuel supply, roles of demand response and demand side management, location and characteristics of non-fuel generation (e.g., renewable and energy storage resources), and other alternative options that can ensure fuel/energy/resource security in the coming years.
- 5b. Results of Phase 1 Fuel Security Analysis **and work completed for the other Phases.**
9. Determine and compare potential mechanisms to ensure and value fuel/energy/resource security, and their associated costs and benefits in PJM, and consider recommendations from relevant studies and assessments **that are technically feasible.**

Fuel, Energy, and Resource Security are terms used throughout the Problem Statement, Issue Charge, and Charter. These terms are described as follows:

- **Fuel Security:** A core problem being addressed in this task force is associated with *Fuel Security*. This can be categorized as the availability of fuel both on-site and assessed from delivery systems required for a unit to generate consistent with dispatch signals or operating instructions. This includes all resource types
- **Resource Security:** Availability of a set of resources with the same fuel type associated with different types of common vulnerabilities. Includes all resource types.
- **Energy Security:** The solution being address is *Energy Security*. This includes multiple potential solutions and recovery options. The solution may include areas such as a combination of system attributes, fuel, and resources that can be achieved through existing, modified, or new mechanisms

- A recommendation to the MRC on whether market or operational changes are needed to ensure current or future fuel/energy/resource security.
- A recommendation to the MRC on proposed market or operational changes that address fuel/energy/resource security.
- Revisions to the Operating Agreement, Open Access Transmission Tariff, ***Reliability Assurance Agreement***, and manuals to implement the recommended enhancements, if any are needed.

- At the September 26, 2019 Markets and Reliability Committee meeting, the group is expected to complete Key Work Activities 1-4 and Expected Deliverable 1 and provide a recommendation for the path forward
 - Workplan focuses on Education and Joint Fact-Finding for Gap Analysis, Risk Assessment and Defining fuel/energy/resource security
- The remainder of the key work activities and deliverables will be completed by the deadline to be set by the MRC at the September 2019 meeting.