

## Distributed Resources ~~Battery Storage~~ in PJM Markets

*Includes Problem/Opportunity Statement*

### Issue Source

External Entity: A.F.Mensah, Inc.

### Stakeholder Group Assignment

The topic of distributed resources interconnecting to PJM and participating in PJM markets spans multiple PJM Committees includes Planning, Markets and Operations Committee. There currently is no stakeholder forum to review and discuss distributed resource issues as outlined in the problem statement.

Therefore, No existing stakeholder group has been designated to examine facilitation of introduction of distributed resources into the PJM energy, ancillary services and capacity markets as well as into the interconnection queue process. a series of special sessions of the MRC is suggested to properly cover the background and education material on the full breadth of the distributed resource issues. Once complete, specific items deemed appropriate for PJM to address can be designated to a new sub-group of the MRC, and/or to other PJM Committees as determined in the special sessions.

### Key Work Activities

#### 1. Education and background with project examples

- Review Generation Resource Rules (including Behind-the meter Generation), Queue Processes and other Considerations for distributed resources to interconnect into PJM and participate in the energy, ancillary services, and capacity markets.

- Review Demand Response Rules & Considerations for use by distributed resources as they relate to PJM registration process and participation in the energy, ancillary services, and capacity markets.

~~Review NJ EDC Protocol for Mixed Generation Facilities~~

- Investigate other ISO market rules and regulations for distributed resource for interconnection and wholesale market participation.

- Review and investigate current state/federal jurisdictional rules and regulations for distributed resources both demand response and generation resources.

#### 2. Consider modifications to PJM interconnection queue rules for distributed resources.

3. Consider modifications to market participation rules for distributed resources to more efficiently incorporate these resources into the energy, ancillary services and capacity markets.

### Expected Deliverables

#### 1. Associated Manual or Tariff/Operating Agreement revisions.

### Expected Overall Duration of Work

The expected overall duration of work is 4-6 months.

Milestone 1: Education & Background with project examples

Milestone 2: Consideration of modification of interconnection queue process and new market participation rules for distributed resources (20 MW and below).

Milestone 3: Associated Manual or Tariff/Operating Agreement revision(s) if determined appropriate

### Decision-Making Method

Tier 2