



Distributed Resources Subcommittee Monthly Progress Report

8/19/2024

1. Hybrid Resources Enhancements (Hybrid Phase 3)

The first part includes enhancements to existing rules for inverter-based open and closed-loop hybrid resources. The second part includes a development of new rules and requirements for non-inverter based hybrid resources (e.g., gas plus storage). DISRS reached consensus on adding this issue to DISRS work within the subcommittee and provided informational updates on this issue to the parent committee, Market Implementation Committee (MIC).

Issue Status

DISRS concluded its work on this issue through CBIR process. DISRS proposed one solution package to bring forward to September 11, 2024 MIC meeting.

Target Completion

2024 Q4

Progress Update

DISRS raised no objections on bringing the solution package to the parent committee, MIC.

Action Requested (if necessary)

Review the solution package presentation and final CBIR matrix. Attend September and October MIC meetings.

2. PJM's FERC Order 2222 Compliance Filing

PJM filled FERC Order 2222 compliance filing to FERC on September 1, 2023. A stakeholder engagement on this topic had been through the DISRS scheduled meetings from April 2023 through August 2023.

Issue Status

The compliance filing was submitted to FERC on September 1, 2023. On July 25, 2024, FERC issued an Order on PJM's September 2023 compliance filing on the design of the DER Aggregation Participation Model. FERC approved the majority of PJM's substantive design proposals. FERC requested a further compliance filing on several issues that will be worked out at September and October 2024 DISRS meetings.

Target Completion

2024 Q4

Progress Update

Prepare a response to FERC's July 25, 2024 Order.

Action Requested (if necessary)

Review PJM's proposed approach on September 1, 2023 compliance filing including Tariff language from August 16, 2023 DISRS meeting. Attend September 9, 2024 and October 7, 2024 DISRS meetings where remaining issues from the July 25, 2024 FERC's order will be discussed.

3. Automating Bid Duration for Economic Demand Response Participating in Energy Markets

MIC approved this Issue Charge at November 1, 2023 MIC meeting and assigned DISRS to work on this issue. DISRS completed its work on this issue through CBIR Lite process.

Issue Status

MIC voted to endorse the solution package at June 5, 2024 MIC meeting. First read of the solution package was presented at July 24, 2024 MRC meeting.

Target Completion

2024 Q4

Progress Update

Completed Key Work Activities within DISRS. The solution package is going through the stakeholder endorsement process: August 21st MRC Endorsement and September 25th MC Endorsement.

Action Requested (if necessary)

Attend August 21, 2024 MRC meeting and September 25, 2024 MC meeting.

4. Wind and Solar Resource Dispatch in Real-time Market Clearing Engines

Review and enhance existing practices and/or propose new rules regarding the dispatch methodology of Wind and Solar Resources. As Wind and Solar Resources continue to integrate into PJM, operational issues arise due to inconsistent controllability of these resources. A dispatch methodology to more efficiently manage this uncertainty is needed.

Issue Status

The Issue Charge and Problem Statement were first introduced at June 3, 2024 DISRS meeting. DISRS reached consensus on adding this issue to DISRS work plan at July 8, 2024 DISRS meeting. DISRS provided an informational update on this issue to the parent committee, MIC, in June and July 2024.

Target Completion

2025 Q2

Progress Update

CBIR Process: Education

Action Requested (if necessary)

Attend DISRS meetings