

DER Participation Model – Operations & Progress Report

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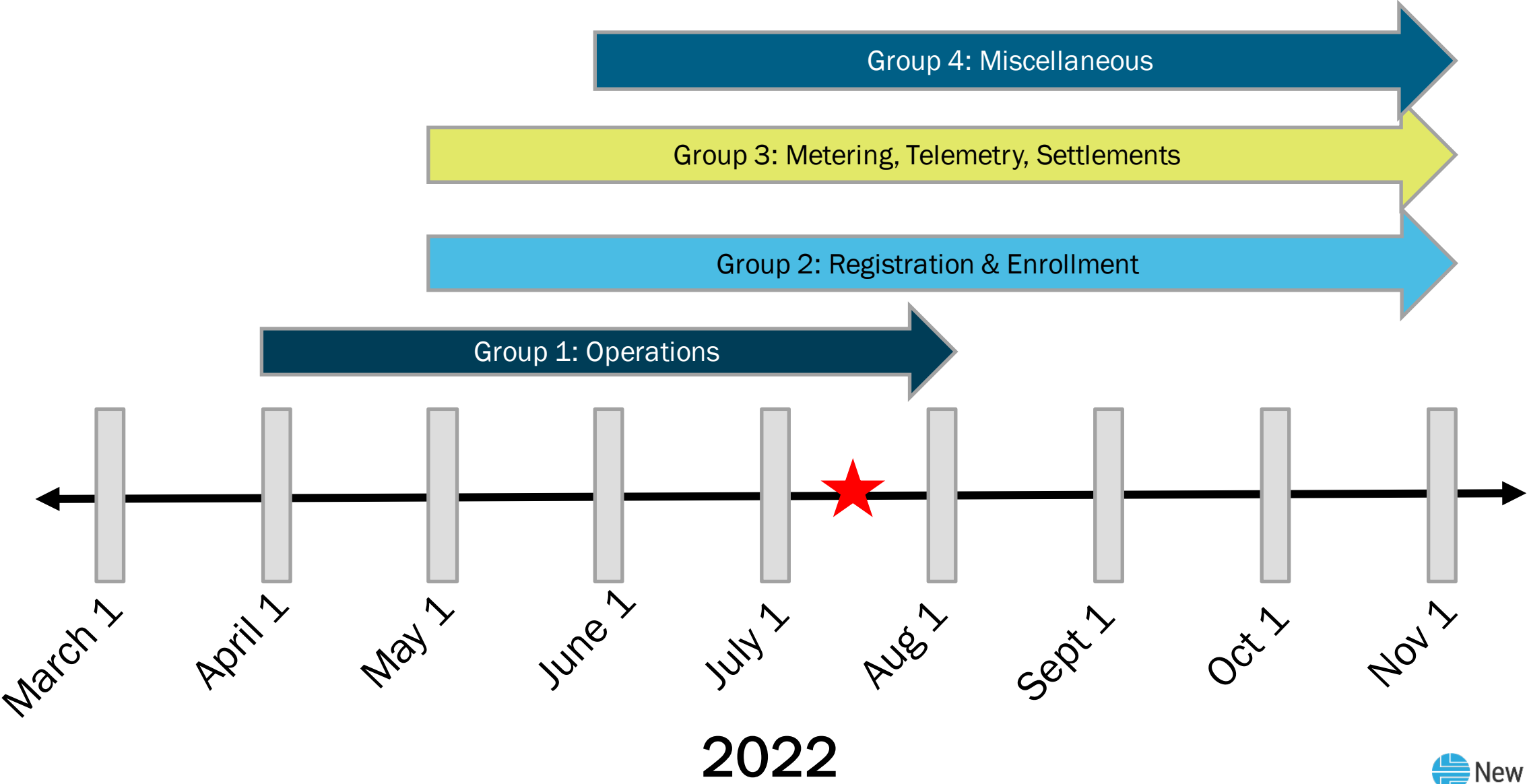
Agenda

- **Background & Overview**
- **Updates**
- **Next Steps**

Background & Overview

- **Today's discussion will review:**
 - Update to the Outage Scheduling Manual
 - Update to the Emergency Demand Response Program Manual

Timeline



Document	Progress	Milestones
Aggregation Manual Part I	Reviewed – Posted, NYISO reviewing feedback	7/21 ICAPWG 8/11 SOAS
Emergency Operations Manual	All updates completed and feedback incorporated	5/11 ICAPWG 5/12 SOAS
Transmission & Dispatch Operations Manual	All updates completed and feedback incorporated	5/11 ICAPWG 5/12 SOAS
Day Ahead Scheduling Manual	All updates completed and feedback incorporated	5/11 ICAPWG 5/12 SOAS
Ancillary Services Manual	All updates completed and feedback incorporated	6/7 ICAPWG 6/9 SOAS
Control Center Requirements Manual	All updates completed and feedback incorporated	5/11 ICAPWG 5/12 SOAS & CDAS
Outage Scheduling Manual	Stakeholder Review	7/15 ICAPWG 8/11 SOAS
Emergency Demand Response Manual	Stakeholder Review	7/15 ICAPWG

DSASP

- Please note that NYISO rejected deletion of DSASP content from manuals reviewed and updated during the DER manual revision process.
- DSASP language will be retained through the duration of the program and will be removed upon the official retirement of DSASP.
- All current and updated manual copies are located here: [Manuals, Tech Bulletins & Guides - NYISO](#)

NYISO-JU-NYTO-DPS Workshop Update

- **NYISO, the Joint Utilities, New York Transmission Owners, and DPS staff are continuing to prepare for DER participation.**
- **Recent highlights:**
 - NYISO and JU have reached agreement on a workable software solution to exchange enrollment data for review.
 - Aggregation Manual Part I reviewed.
 - NYISO and JU have reached agreement on pending Transmission Node questions, including future modifications to the list of Nodes, and electrical mapping of nodes and zonal boundaries.
 - NYISO and JU continue to discuss DER metering configurations – metering configurations were presented to the ICAPWG on November 18, 2021: [Meter and Billing Takeaways \(nyiso.com\)](#).

FERC Order No. 2222

- On Friday, June 17, 2022, FERC accepted the NYISO's Order No. 2222 compliance filing subject to a further compliance filing.
- The NYISO is currently assessing the contents of the Order, including any possible impacts to the ongoing DER implementation effort.

Manual Revisions Complete for Vote

- **Ancillary Services Manual**
- **Emergency Operations Manual**
- **Transmission & Dispatch Operations Manual**
- **Day-Ahead Scheduling Manual**
- **Control Center Requirements Manual**

Remaining Documents

- Outage Scheduling Manual - Today
- Emergency Demand Response Program Manual - Today
- Aggregation Manual Parts I, II, III, IV
- Grid Operations Coordination Portal User's Guide
- Direct Communications Procedure
- Installed Capacity Manual
- Load Forecasting Manual
- Reference Level Manual
- RLS User's Guide
- Day Ahead Demand Response Program Manual
- Wind and Solar Plant Data User's Guide
- Market Participant User's Guide
- Aggregation System User's Guide
- Transmission Congestion Contracts Manual
- Demand Response Information System User's Guide
- AMS Automated Market User's Guide
- Revenue Grade Metering Manual

Work Plan

■ July – September

- Today's presentation:
 - Outage Scheduling Manual
 - Emergency Demand Response Program Manual
- Aggregation Manual Parts I, II, III, IV
- Direct Communications Procedure
- Installed Capacity Manual
- Load Forecasting Manual

■ September – December

- Reference Level Manual
- Grid Operations Coordination Portal User's Guide
- Aggregation Manual Parts II, III, IV
- Revenue Grade Metering Manual
- Accounting and Billing Manual
- Transmission Congestion Contracts Manual

■ TBD (2023)

- Demand Response Information System User's Guide
- Day Ahead Demand Response Program Manual
- Wind and Solar Plant Data User's Guide
- RLS User's Guide
- Market Participant User's Guide
- Aggregation System User's Guide
- AMS Automated Market User's Guide

Updates

Outage Scheduling Manual

■ Section 3 Generation Facilities Outages

- Added: “All requirements for Generator Operators operating generating units shall apply to Aggregators operating Aggregations. For more information, please refer to the Aggregation Manual and Grid Operations Coordination Portal User’s Guide available here: <https://www.nyiso.com/manuals-tech-bulletins-user-guides.”>”

Emergency Demand Response Program Manual

■ Section 2.1 Who Can Participate?

- Clarifying language added to explain that Demand Side Resources participating in the EDRP are not eligible to participate in a DER Aggregation.

Next Steps

Next Steps

- **NYISO will return to discuss remaining concepts and language at a future ICAPWG.**
- **Please send any questions that were not addressed during this presentation to: DER_Feedback@nyiso.com**
 - Comments/feedback submitted to the NYISO will be posted publicly unless the NYISO is specifically asked not to do so.

Our Mission & Vision



Mission

Ensure power system reliability and competitive markets for New York in a clean energy future



Vision

Working together with stakeholders to build the cleanest, most reliable electric system in the nation

Questions?