



Power System Restoration (PSR) Drill Redesign

July 2024

2023 & 2024 Drill Design

Day 1	
09:00 - 15:00	Individual companies assess the system and begin restoration from blackstart in line with restoration plans.
15:00 - 16:00	Full group voltage and reactive resources tabletop discussion followed by low voltage simulation.

Day 2	
09:00 - 12:00	Restoration continues and Day 1 report out via phone calls to MISO. Restoring in the MISO simulator working with GOPs as necessary.
13:00 - 16:00	Interconnection Checklist: Review interconnection checklist w/demo Transfer of Control Demo Debrief drill

Day 1	No Change to Content
09:00 - 15:00	Individual companies assess the system and begin restoration from blackstart in line with restoration plans.
15:00 - 16:00	Full group voltage and reactive resources tabletop discussion followed by low voltage simulation.

Day 2	Redesigned Content
09:00 - 12:00	Restoration simulation starts from Save Case Islands for each member company, regardless of progress on Day 1.
13:00 - 16:00	Interconnection Checklist: Review interconnection checklist w/demo Transfer of Control Demo Debrief drill

2024 PSR Design Schedule

What's Staying the Same?: Day 1 of PSR drill

What's Being Designed?: Day 2 Islands that will increase interconnection completion on day 2 of the PSR drill.

Who Is Designing?: Operators for each member company

How Will We Design?: Invite Drill Coordinators to four **Simulator Build Days** to build islands for the start of Day 2. Our members will have 4 working days open to them in our simulator to build the save case for Day 2 islands.

What Does Success Look Like?: Save Case islands that will be loaded at beginning of Day 2; islands likely to lead to full interconnection during drill Day 2.

What Happens if We Don't Make the Build Days?: Member operators may not get a chance to complete the interconnection at the end of the drill.

Dates* for Day 2 Simulator Builds:

1. 7/9
2. 7/16
3. 8/6
4. 8/13

Drill Coordinators may register for Simulator Build days in Cornerstone LMS.

Build days are 0800 – 1700; Drill Coordinators may join for full day or partial day.

Build Days Best Practices

- Please be logged in to the DTS by 0800 (ET) to maximize productivity for the day.
 - DTS Refresher provided by MISO staff during first hour
- Remember you will need to utilize the VMware Horizon Client to log in to the DTS
- Select DTS3 Path to launch the DTS application

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