

2019 Spring System Restoration Drill April Update

Alpa Jani, Dispatch

Joint System Operations Subcommittee Meeting
Operating Committee
Dispatch Training Subcommittee



Spring 2019 System Restoration Drill Invitation Update

Important Dates:

Date	Item
Tuesday, April 2	2019 Spring Restoration Drill Invite distributed via email
Monday, May 20	Communications Test
Tuesday, May 21 & Wednesday, May 22	2019 Spring Restoration Drill

Reminders:

- Similar to 2018, the 2019 Spring Restoration Drill invitation will be sent via email and confirmation for participation will be completed via the PJM invitation tool
- Drill participation will continue to be tracked in the PJM LMS (Learning Management System)

The request to participate in the System Restoration Drill and tracking via email is in order to comply with NERC Standard EOP 006-2, R10.1 (EOP-006-3 R8 - effective April 1, 2019):

- *R8. Each Reliability Coordinator shall conduct two System restoration drills, exercises, or simulations per calendar year, which shall include the Transmission Operators and Generator Operators as dictated by the particular scope of the drill, exercise, or simulation that is being conducted.*
- *R8.1. Each Reliability Coordinator shall request each Transmission Operator identified in its restoration plan and each Generator Operator identified in the Transmission Operators' restoration plans to participate in a drill, exercise, or simulation at least once every two calendar years.*
- *Measure 8. Each Reliability Coordinator shall have evidence, such as dated electronic documents, that it conducted two System restoration drills, exercises, or simulations per calendar year in accordance with Requirement R8. And each Reliability Coordinator shall have evidence that the Reliability Coordinator requested each applicable Transmission Operator and Generator Operator to participate per Requirement R8 and Requirement R8, Part 8.1*

Invitation Email:

- The email will be sent to the following contacts associated with the units listed in the TO Restoration Plans:
 - Transmission Operator Contacts
 - Generator Operator Contacts and System Restoration Coordinator (Resource Tracker Tool)
- Please note: If there is more than one Transmission Operator or Generator Operator contact for the unit listed in PJM's records, an email with the invitation link will be sent to each contact. At least one recipient must respond (multiple responses may be submitted to confirm participation).

From: 2019 PJM System Restoration Drill <pjm@qemalserver.com> Sent: Wed 3/27/2019 12:20 P
To: Jani, Alpa
Cc:
Subject: TEST Reminder: 2019 PJM System Restoration Drill

External Email! Think before clicking links or attachments.

PJM Transmission Operator/Owner or Generation Operator,

On Tuesday, May 21 and Wednesday, May 22, 2019 (May 21 0800-1400 and May 22 0800- 1300 EST), PJM will be conducting a system-wide RTO restoration drill. On Monday, May 20 (0900-1130 EST), communication systems for the drill will be tested.

To make the training and learning experience of the drill as successful as possible, PJM is requesting your participation in this exercise. Your involvement is required given you have units that meet the following requirements: nuclear unit(s), black start unit(s) or unit(s) with a hot time to start of 4 hours or less. This request is in order to comply with NERC Standard EOP 006-2, R10.1 (EOP-006-3 R8 - effective April 1, 2019).

Each Reliability Coordinator shall request each Transmission Operator identified in its restoration plan and each Generator Operator identified in the Transmission Operators' restoration plans to participate in a drill, exercise or simulation at least every two calendar years.

Communication is an extremely important part of any restoration. For this drill, it is imperative, because with the absence of telemetered data, PJM will be updating our Operator Training System (OTS) manually and compiling our drill log with the information provided by your system operators. This information should include:

- An initial assessment
- Unit availability
- Units brought online (Hourly Generation Report)

Confirm your participation in the drill by responding to the invitation below by Monday, May 13. If an alternate phone number is to be used during the drill, please provide it.

[Confirm Drill Participation](#)

Invitation:

- TO/GO contact will be required to click on the invitation tool link to confirm participation.
 - Participation: Yes or No
 - Alternate phone number for participation

2019 PJM Spring System Restoration Drill

Alpa Jani, you are invited to participate in this year's Spring System Restoration Drill on behalf of
alpa.jani@pjm.com


Please confirm that your company plans to participate:



- Yes
- No

PJM will contact you on your real-time dispatch phone number. If you prefer to use an alternate number to participate in the drill exercise, please provide that number below:

Invitation Reply Response:

- Contact will receive confirmation message for participation after invitation is completed AND confirmation email
- The confirmation email will include a link to the Drill Information Packet

 Click here to download pictures. To help protect your privacy, Outlook prevented automatic download of some pictures in this message.

From:  Survey Response Thank You <noreply@qemailserver.com>
To:  Jani, Alpa
Cc:
Subject: 2019 Spring RTO System Restoration Drill Confirmation Email

External Email! Think before clicking links or attachments.

Alpa,

Thank you for responding to the 2019 PJM Spring System Restoration Drill. Your response is listed below.

Alpa Jani
Jani Energy Company
alpa.jani@pjm.com
Your participation response: Yes

If provided, your alternate phone number: 610-666-4413

[Drill Information Packet](#) (PDF)

If you have any questions please contact [Josh Berkman](#) or [Frank Hartman](#).

Thank you,
PJM System Restoration Team