

2019 PJM Fall Company Restoration Drills

Drill Date(s)	Date	Day	Company	Time
	Sept. 25&26	Wed/Thur.	<u>Dominion</u>	25 th - 1130-1530 26 th - 0730-1130
October 1	Tue.	<u>PECO</u>	0600-1400	
October 3	Thur.	<u>AE-DELMARVA</u>	0800-1600	
October 8	Tue.	<u>Duquesne</u>	0800-1600	
October 10	Thur.	<u>PEPCO-BG&E-SMECO</u>	0800-1600	
October 15/16	Tue/Wed	<u>ComEd-RMU(Grid4ce)</u>	0700-1500	
October 17	Thurs	<u>Dayton</u>	0800-1600	
October 22/23	Tues/Wed.	<u>AEP/DEOK/ITC/OVEC</u>	22 nd - 1130-1530 23 rd - 0730-1130	
October 29	Tue	<u>X PPL – UGI – CPP</u> <u>EKPC</u>	0800-1600	
October 29/30	Tue/Wed	<u>FE X East/West/South</u>	29 th 1100-1600 30 th 0800-1600	
October 30	Wed	PS, Rockland (ORU)	0800-1600	
<p>Red = Drill at Member Company Location X=Cross Zonal</p>				
Drill Summary	General Information:			
	<p>The PJM 2019 Fall Restoration Drill provides an opportunity for all applicable entities to comply with NERC Standard EOP-005-2 & EOP-006.</p>			
Drill Summary	TO Expectations:			
	<ul style="list-style-type: none"> - Begin the restoration simulation with a “Bottom Up” approach utilizing the PJM approved TO system restoration manual while adhering to PJM Manual 36. After bottom up restoration strategies have been utilized, a “top down” approach will be used. - Utilize “Cross Zonal Black start Units” if identified in the TO restoration manual. - Keep nuclear units informed on the status & estimated time of safe shutdown power. - Contact participating GOPs if their units are located within the TO zone to request information on availability and time to start. If you would like the unit on-line, request from the GOP that the unit commence a simulated start-up for drill purposes only. 			

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	<ul style="list-style-type: none"> - Document all applicable times in the PJM/TO restoration binder. - PJM Dispatchers will be on-site, at PJM or the TO location, to answer any questions and to interact with the TO during the restoration drill. <p><u>GOP Expectations: (if participating)</u></p> <p><i>Note: Generator Operators are not required to participate in the Fall drill unless specifically requested by the TO</i></p> <ul style="list-style-type: none"> - Participate as needed with the TO during the restoration drill in the zone where your units are located. - Provide requested information to the TO regarding unit availability and/or unit start-up times. - Document and send updates to PJM as requested (per Manual 36) with unit data in the requested TO zone. - During the drill, current day generation status will be what is used as the status of generation plants for the drill. <p>Each drill day, PJM will have a morning meeting with all participants to discuss the scope of the restoration drill. GOPs that participate will be provided with the TO phone number. At the conclusion of each drill, PJM & the TO Drill Coordinator will conduct a restoration drill debrief.</p>
<p>Drill Communications</p>	<p><u>TO-GOP Communications Script</u></p> <p>"This is a drill, this is a drill. This is (<u>Operator Name</u>) from (<u>Company Name</u>). I am participating in the 2019 fall restoration drill & I am requesting you to (<u>Specify Simulated Action Required</u>). This is a drill. Do not perform an actual operational task with your unit."</p>
<p>Drill CE Hours</p>	<p><u>TO</u> Participation In-Person: 8 CEHs</p> <p><u>GOP</u> Participation In-Person: 8 CEHs</p> <p><u>GOP</u> Participation Remotely: 2 CEHs (may receive credit for participation in 2 zones' restoration drill as applicable)</p>
<p>Forms</p>	<ol style="list-style-type: none"> 1. Drill Participation Form - http://pjm.com/~media/training/member-training-liaison-forms/att-d-app-4.ashx <p>This form must be completed by all entities participating in the drill in order to receive CE credit.</p> <p>If TOs have GOPs participating in the drill at their location, please include those participants on their list along with their company name.</p> <p>Please email to: trainingsupport@pjm.com</p> 2. Drill Evaluation Form – This will be distributed at the conclusion of the drill. 3. Company Initial Restoration Report – This form (Exhibit 12, M-36) needs to be completed by the Transmission Owner operators who will collect the required status information from the Generator Operators or plant operators within their zone. 4. Log Sheets – At the conclusion of the drill, participants should submit any log sheets

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	<p>such as the <i>Company Transmission Restoration Report</i> found in Exhibit 15, M-36, load restoration times and other relevant documentation. Please email to: RestorationDrill@pjm.com</p>
Online Training Information	<p>An online training refresh related to the drill activities will be available via the PJM LMS on or around 9/1/19.</p>
CE Hours:	1.0
Questions	<p>For questions pertaining to the drill please contact: Email Member Relations or call (610) 666-8980</p> <p>For questions pertaining to the online training or CE hours please contact: TrainingSupport@pjm.com</p>