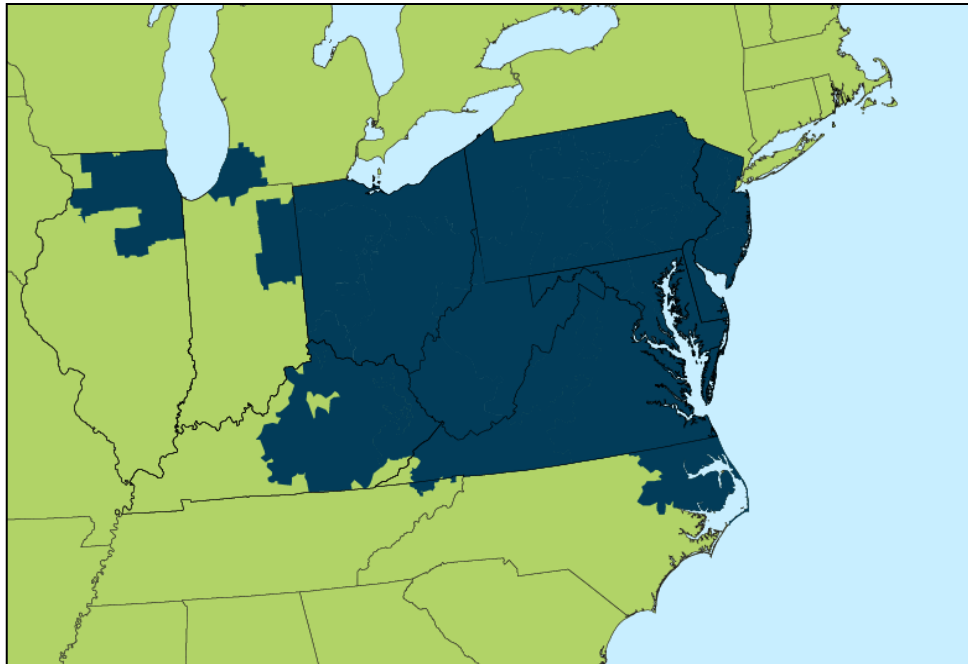


# 2023 GridEx VII



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- Developed and led by E-ISAC
- November 14-15, 2023 Exercise incident response plans
- Expand local and regional response
- Engage critical interdependencies
- Increase supply chain participation
- Improve communication
- Gather lessons learned
- Engage senior leadership

## Move 0 – November 7–13, 2023:

- Indications of an impending attack and the disappearance of an employee, followed by adverse weather throughout North America, leaving the system more vulnerable at the start of live play.

## Move 1 – The Morning of November 14:

- A series of initial attacks that target personnel and response capabilities. Gas and water industries are impacted. Indications suggest something larger yet to come.

## Move 2 – The Afternoon of November 14:

- A large-scale coordinated physical attack on substations and pipelines pushes the grid to the brink, requiring shedding of firm load. Cyber and physical attacks also targeted telecommunications infrastructure, forcing Players to rely on backup systems.

## Move 3 – The Morning of November 15:

- With the main attack over, and no developments overnight, recovery begins. Then, in a final strike, the attackers target critical facilities and telecommunications.

## Move 4 – The Afternoon of November 15:

- One week later, recovery continues under global supply shortages. Entities implement emergency operations plans and work with their partners to recover from the devastating series of attacks.

**All users are required to sign in to connect.pjm.com via PJM’s Single Sign On application, similar to how users access other PJM Tools.**

- If you do not already have an external account, you can create one through the Account Manager new user registration page:  
<https://accountmanager.pjm.com/accountmanager/pages/public/new-user.jsf>
- Please reference **page three** of the “PJM Account Manager user guide” for instructions:  
(<https://www.pjm.com/-/media/etools/account-manager/account-manager-user-guide.ashx?la=en>)
- Once you have created an external PJM account, email Sam Lutcza ([Samantha.Lutcza@pjm.com](mailto:Samantha.Lutcza@pjm.com)) to get your account added to the SharePoint site.

## Register with E-ISAC

- If your organization would like to participate in the exercise and has not yet registered, please have a member of your organization **register with NERC online as a planner** or send an email to [GridEx@eisac.com](mailto:GridEx@eisac.com) for assistance.
- Register with E-ISAC here: <https://register4gridex.eisac.com/>

| Activity  | Date                                      |
|---|---|
| <b>Kick-off Meeting (TOs / GOs)</b>                           | <b>May 25</b>                             |
| <b>Kick-off Meeting (State Agencies)</b>                      | June 12                                   |
| <b>Monthly Planner Meetings</b>                               | Last Thursday of each month               |
| <b>Confirm Participation</b>                                  | June 30                                   |
| <b>Individual Inject Discussion Meetings</b>                  | July / Aug                                |
| <b>Simulation Snapshot Date</b>                               | August 25 (September 1 as backup)         |
| <b>Inject Deadline</b>  | September 1                               |
| <b>Inject Freeze Date</b>                                     | September 15                              |
| <b>Communications Test (Phones &amp; All Call)</b>            | October 24 (1000 hrs)                     |
| <b>Final Inject Discussion Meeting (Scenario Walkthrough)</b> | October 26                                |
| <b>Drill Execution / Capture Actions and Lessons Learned</b>  | <b>November 14-15 (0900 through 1700)</b> |

| Next Activity                             | Date    |
|---|---------|
| Meeting with TOs, GOs, and State Agencies | June 29 |

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