



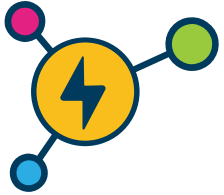
Grid-Enhancing Technology Educational Resources

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PJM has published four technical reference guides to help inform the considerations for GETs on PJM's bulk electric system.



The guides provide a brief background, technical and modeling considerations, potential benefits, identified barriers, and an overview of associated FERC Orders.



PJM has created an external webpage to present GETs education, the technical reference guides and other relevant PJM resources.



PJM continues to communicate with our TOs and industry experts to increase collaborative efforts and inform ongoing work.

Ensuring a Reliable
Energy Transition

Who We Are

Member Services

Careers

Newsroom

Communications

Community Impact: A
Culture of Caring

Advanced Technologies &
Innovation

Grid Optimization
Solutions

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Grid Optimization Solutions

Taking on many terms and definitions, Grid Optimization Solutions include any novel technology including Grid Enhancing Technologies (GETs) or Alternative Transmission Technologies (ATTs), as well as transmission innovations that can optimally direct flows to enhance grid operations. This includes the utilization of existing infrastructure and rights-of-way, or heightened transparency on real-time grid conditions.

Focus Technologies (GETs & ATTs)

PJM supports the transparent, cost-effective, efficient and reliable deployment of GETs and ATTs on the PJM system consistent with requirements of PJM's governing documents and manuals.

PJM has highlighted the following GETs and ATTs on this page:

- Dynamic line ratings (DLRs)
- Advanced power flow controllers (APFCs)
- Advanced conductors
- Topology control & optimization

In Use in PJM Today

Advanced Conductors

Dynamic Line Ratings

Topology Optimization

Potential Opportunity

Advanced Power Flow
Controllers



- Additional educational presentations are available via the [TEAC Special Session – Order 1920](#) Materials
 - 09.24.2024: External Stakeholder Presentations
 - 09.16.2024: External Stakeholder Presentations
 - 09.06.2024: External Stakeholder Presentations
 - 08.27.2024: [Item 7 - Alternative Transmission Technologies](#)
- [Dynamic Line Ratings Overview](#) (PDF)
- PJM Published [Switching Solutions Page](#)

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Grid-Enhancing Technology Educational Resources



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POWER GRID**

**THINK BEFORE
YOU CLICK!**



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MALICIOUS PHISHING
EMAILS**



Report suspicious email activity to PJM.
Call (610) 666-2244 or email it_ops_ctr_shift@pjm.com