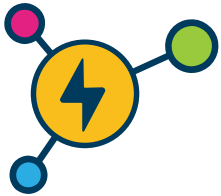




# Grid-Enhancing Technologies & PJM

Market Implementation Committee

January 08, 2025



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



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



PJM has held educational trainings to reinforce internal understanding.



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

Provide a brief background on the technology

Review Technical and Modeling Considerations

- These are not prescriptive, nor requirements
- Any project proposal that meets one, or multiple considerations does not necessitate the use of GETs

Potential benefits as well as identified barriers

Review the technology in relation to FERC Orders

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

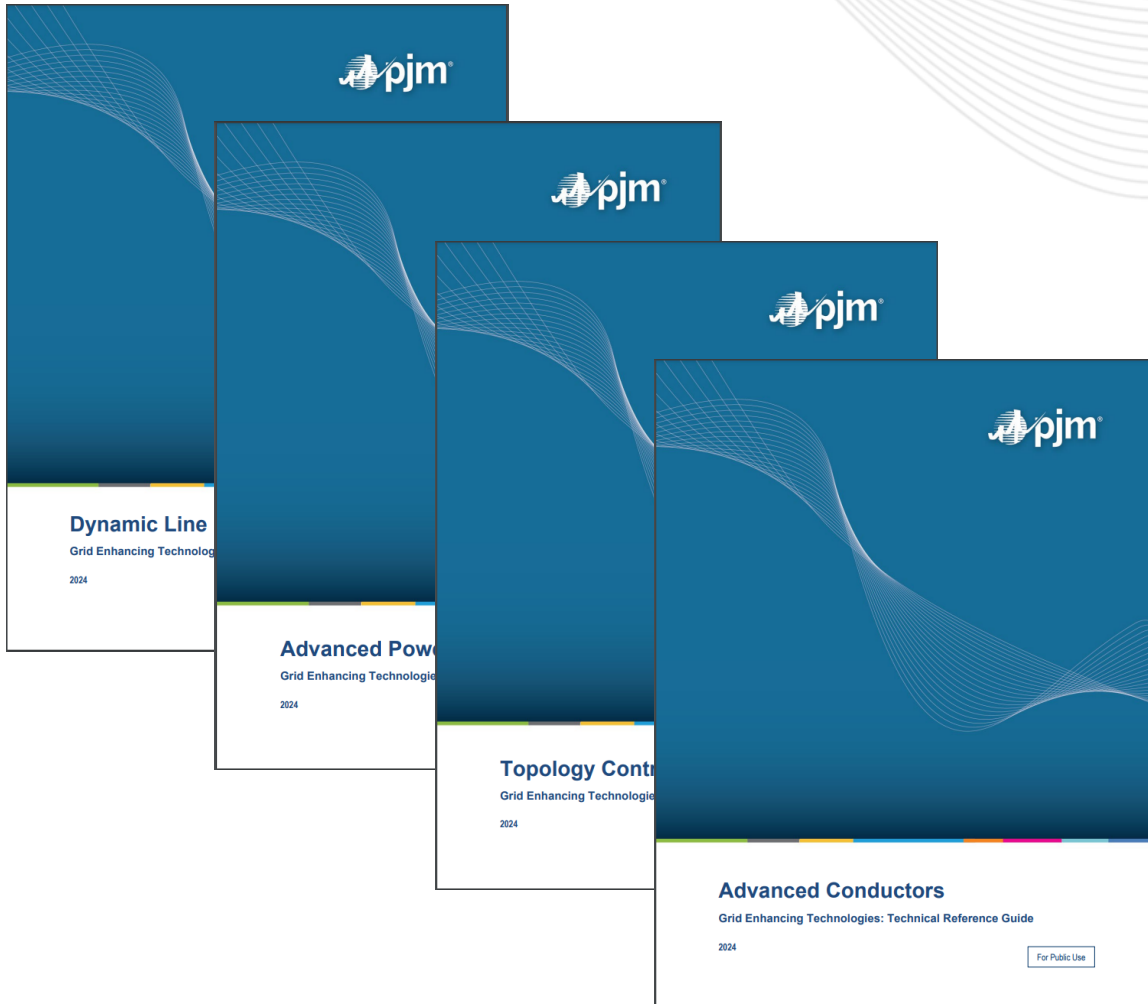
Topology Optimization

#### Potential Opportunity



Advanced Power Flow  
Controllers





- [Dynamic Line Ratings PDF](#)
- [Advanced Power Flow Controllers PDF](#)
- [Topology Control & Optimization PDF](#)
- [Advanced Conductors PDF](#)

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## Grid-Enhancing Technologies & PJM



## Member Hotline

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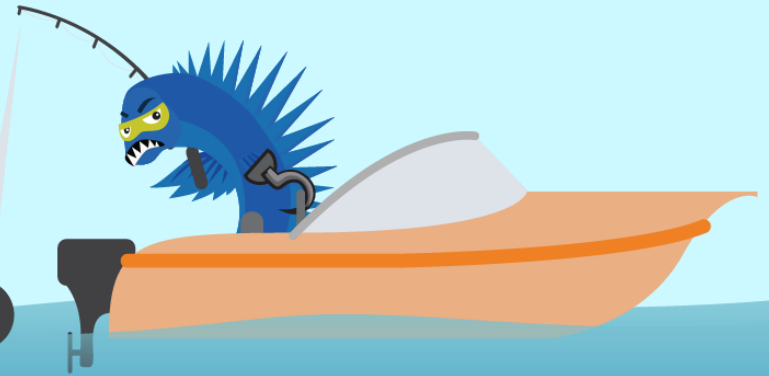
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