Emerging Technologies Forum Overview

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Emerging Technologies Forum

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- Mission: The mission of this ETF is to support PJM's Advanced Technology Pilot Program (ATPP) which offer a platform to study the viability of integrating emerging technologies that may enhance system reliability, operational and market efficiency, and resilience.

- To do this, the ETF will provide a centralized, open forum for education on emerging grid technologies, identification of issues that should be explored concerning operations, planning, and markets, and recommendations for addressing those impacts.

- Review and facilitate discussion on PJM's Advanced Technology Pilot Program. This will include the creation and periodic review of ATPP procedure documentation in order to incorporate stakeholder feedback into the process and provide additional transparency.

- Technical education on emerging technologies.

- Holistically identify potential benefits and obstacles for implementing emerging technologies in PJM. Investigate and make recommendations to address identified obstacles and impacts to system operations, system planning, and market operations.

- The ETF is a non-voting forum. The forum may conduct non-binding polls where appropriate in developing recommendations to be addressed by the standing committees.

- The ETF shall report updates and recommendations to the Markets and Reliability Committee, Planning, Operating, and Market Implementation Committees as appropriate.

- The ETF membership and participation are open to all members; entities proposing emerging technologies to be integrated into the PJM region; the agencies and offices of consumer advocates of the States in the PJM Region and any other interested entities or persons.

Advanced Technology Pilot Program Process: *Periodic review of application process and types of pilots*

Emerging Technologies Work Phases

1	Emerging Technology	Education on technology or application that could potentially become a pilot
2	Active Pilot Project	Education and knowledge sharing on active pilot projects
3	Completed Pilot Project	Review of pilot results, recommendations and value assessment
4	Technology Integration	Identification and analysis of benefits and obstacles for implementing emerging technologies, including value assessment
5	Recommendations	Recommendations to address identified obstacles and impacts to system operations, system planning and market operations

Emerging Technologies Forum Work Plan

Emerging Technologies Forum Work Plan	MEETING							
	1 8/27/2020	2 10/1/2020	3 11/13/2020	4 12/7/2020	5	6	7	8
Advanced Technology Pilot Program Process Review	X							
Work Phases								
(1) Emerging Technology								
Modular D-FACTS				X				
(2) Active Pilot Projects								
DER/ESR State Policy Coordination			X	X				
(3) Completed Pilot Projects								
Dynamic Line Ratings	X							
(4) Technology Integration								
Dynamic Line Ratings		X	X					
(5) Recommendations								
Dynamic Line Ratings			X	X				

X – Appears for each meeting where this work activity occurs