



Emerging Technologies Forum: Initial thoughts on 2021 work plan

PJM Staff

Emerging Technologies Forum
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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

- Initial survey issued in Oct 2020
 - 11 individual / 9 voting member / 74 members
 - [Results](#): High interest in topics such as DER, new transmission solution technologies, and topology optimization
 - Broad list of technologies of interest for future discussion / investigation / education
- Next step: Re-issue a survey in Q1 2021 to refine input and boost amount and diversity of responses.

Would you like to see PJM engage in more, less, or the same amount of Advanced Technology Pilots and why?

	Number (#)	Percentage
More	30	36%
Less	0	0%
Same Amount	53	64%

What are the most important considerations for your company regarding the PJM Advanced Technology Pilot process?

	Number (#)	Percentage
Transparency	60	33%
Ensuring each pilot is successful	29	16%
Amount of pilots	2	1%
PJM resources devoted to pilots	32	18%
Other (please specify):	59	32%

In 2021, PJM staff plans to bring more transparency to the ETF on active or recently complete pilots, as well as pilots under consideration.

- Stakeholder discussions and education to continue into 2021.
- PPL update presentations this week:
 - Planning Committee
 - Market Implementation Committee
 - Operating Committee
- Recent Notice of Proposed Rulemaking (NOPR) from FERC on [Managing Transmission Line Ratings](#)
- New Dynamic Line Ratings email distribution group: DynamicLineRatingsTm@pjm.com