



Emerging Technologies Forum: Roadmap Development

Emerging Technologies Forum
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Facilitate Decarbonization



Grid of the Future



Innovation

THE ENABLING FOUNDATION



Maintain Reliability



Stakeholder Engagement and Governance



Risk Management



Workforce Development



Efficiencies of Scale



CULTURE

Monitor Developments

<https://pjm.com/-/media/committees-groups/committees/mc/2021/20210224/20210224-item-02-strategy-refresh-presentation.ashx>

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

Technology & Innovation Topics

- Organize stakeholder feedback on emerging technology interests into short / intermediate / long term priorities & work phases
 - [See survey slides](#)
- Solicit feedback on stakeholder experiences regarding innovation process, frameworks, and organization

Outreach & Engagement

- **Purpose**
 - Participation in Advanced Technology Pilot Program (ATPP)
 - Engagement on evaluating impacts of technology integration
- **Target partners**
 - PJM stakeholders
 - Government agencies & programs
 - Academia
 - Other ISO/RTOs
 - Consulting firms
 - Technology companies

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ETF Roadmap Development



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