



Inventory of PJM pilot projects and other emerging technology collaborations

Scott Baker
Applied Innovation

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| Project Name | Category | Notes |
|--|---------------------------|---|
| Microsoft | Advanced Technology Pilot | Regulation signal testing; next generation datacenter DER |
| Enbala | Advanced Technology Pilot | Managing loads to provide ancillary services; resulted in market rule changes |
| NRG/University of Delaware Vehicle-to-Grid | Advanced Technology Pilot | Regulation signal testing; cars as mobile storage devices |
| AES Energy Storage | Advanced Technology Pilot | RegD signal development and testing; performance-based Regulation and Order 755 |
| NCEMC | Advanced Technology Pilot | DER aggregation and DERMS testing |
| LineVision | Advanced Technology Pilot | Dynamic Line Rating technology demonstration and use case analysis |



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| Greenlet Technologies | Advanced Technology Pilot | Economic DR simulation with plug-loads (i.e., A/C) |
| BMW | Advanced Technology Pilot | Controlled EV charging |
| General Motors / OnStar | Advanced Technology Pilot | Controlled EV charging |
| Walmart / IPKeys | Advanced Technology Pilot | OpenADR 2.0; DR and Reserves |
| SolarCity/Tesla | Technology demonstration | Residential solar+storage, plus grid services (simulated) |
| DIMA | Technology demonstration | Software visualization tool used by PJM operators, staff, and members |
| Community Energy | Technology demonstration | Low-carbon EV charging |
| Highview Power | Technology demonstration | Liquid air storage; RegD |

Facilitator:
Danielle Croop,
Danielle.croop@pjm.com

Secretary:
Natasha Holter,
Natasha.holter@pjm.com

SME/Presenter:
Scott Baker, scott.baker@pjm.com

Advanced Technology Pilots



Member Hotline

(610) 666 – 8980

(866) 400 – 8980

custsvc@pjm.com