

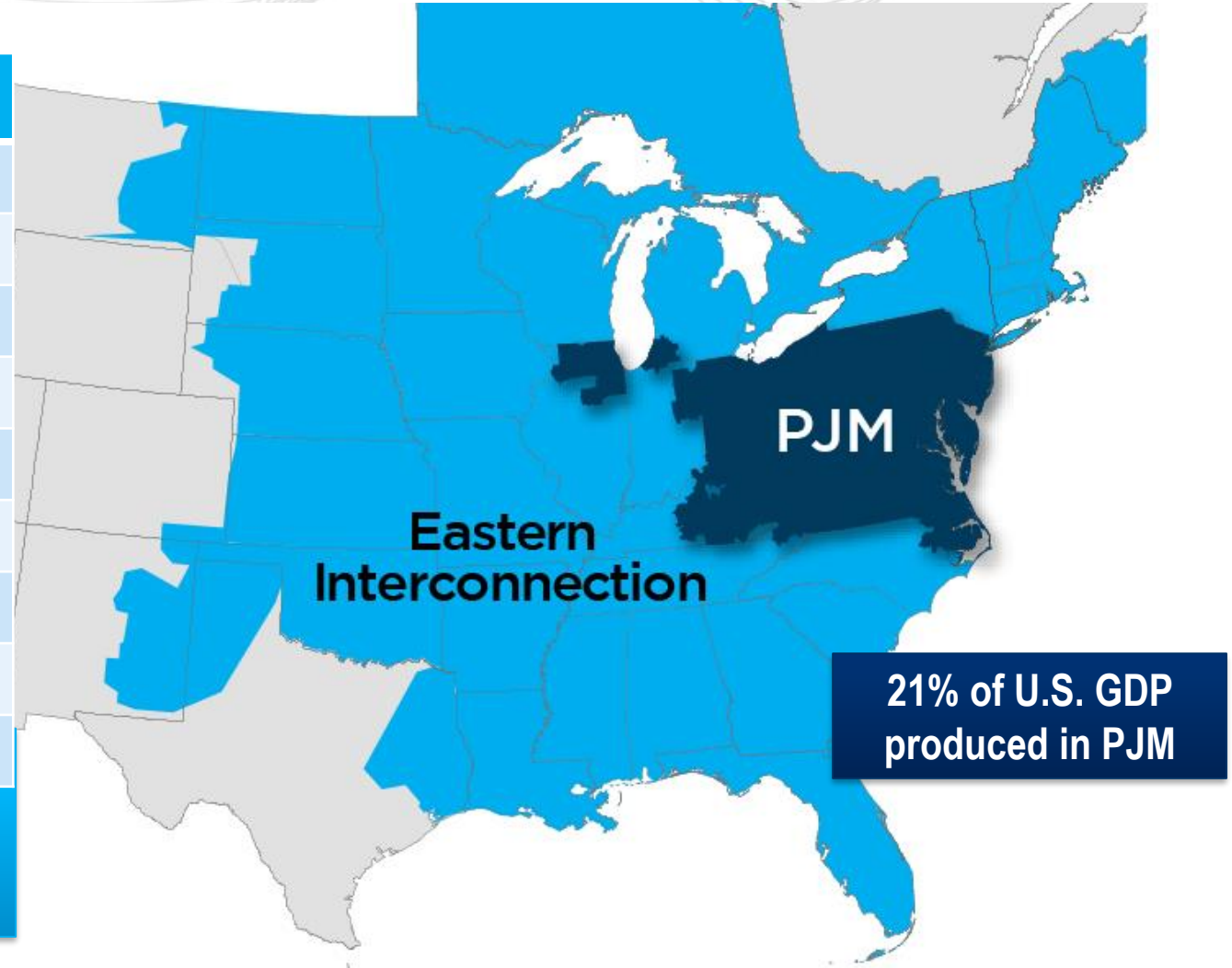
EPRI-IEA Workshop: Challenges in Decarbonization: Building a Resilient Net Zero Future

Craig Glazer
Vice President-Federal Government
Policy
PJM Interconnection, L.L.C.
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Key Statistics

Member companies	1,010+
Millions of people served	65
Peak load in megawatts	165,492
MW of generating capacity	180,086
Miles of transmission lines	84,236
2018 GWh of annual energy	806,546
Generation sources	1,379
Square miles of territory	369,089
States served	13 + DC

- 26% of load in Eastern Interconnection
- 20% of transmission assets in Eastern Interconnection



As of 1/2019

Markets

- Establishment of Clean Energy Capacity/Energy Market
- Incorporation of Effective Load Carrying Capability

Planning

- PJM Response to FERC ANOPR:
 - Planning for Future Generation
 - The 15-Year ‘Master Plan’ Concept
 - Need for Ongoing ‘Check-In’s’ and Decision-Making Criteria

Forecasting

- Increased granularity in forecasting

Markets

- Clean Energy/Capacity Procurement
 - Does the energy market already reflect RPS requirements?
 - Should the capacity market include a separate procurement tranche?

Planning

- What are the criteria for ordering transmission based on forecasts of future generation? Who decides?

Forecasting

- Revamping the concept of installed reserve margin and LOLE



LET'S TALK ...

Craig Glazer

Vice President – Federal Government Policy
PJM Interconnection

Washington, D.C.
1 (202) 423-4743

craig.glazer@pjm.com