

# NERC

NORTH AMERICAN ELECTRIC  
RELIABILITY CORPORATION

# 2012 Long-Term Reliability Assessment

## *Preliminary Highlights*

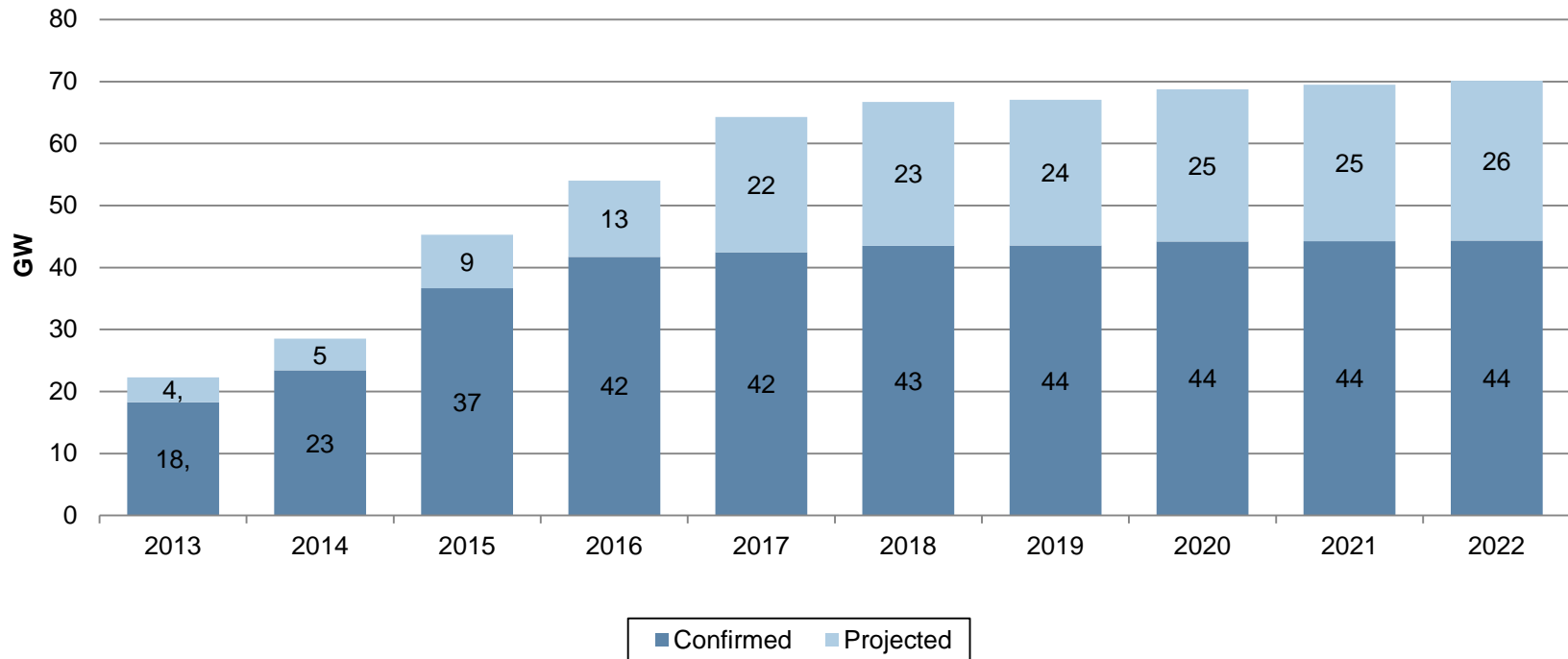
John Moura, Associate Director, Reliability Assessment  
NERC Staff

**RELIABILITY | ACCOUNTABILITY**



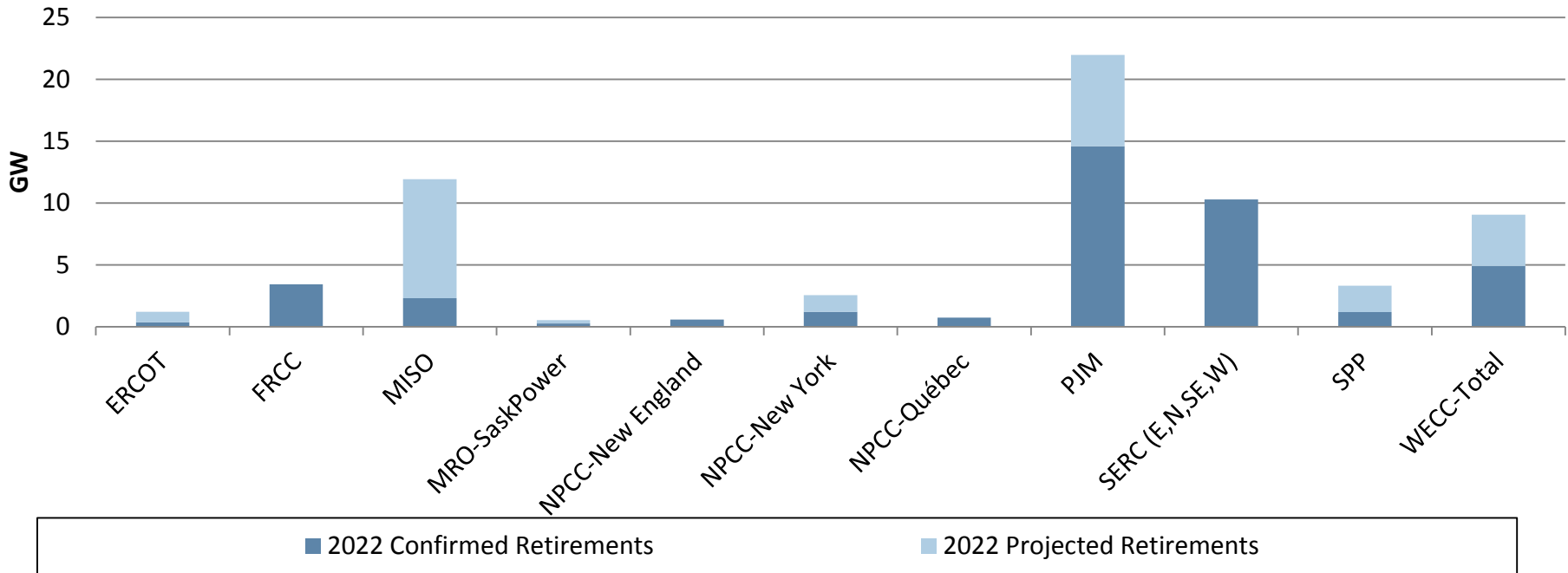
## *Unprecedented Fossil-Fired Generation Retirements*

- Cumulative retirements between 2012 and 2022
- Slightly larger impacts than our 2011 generator retirement study



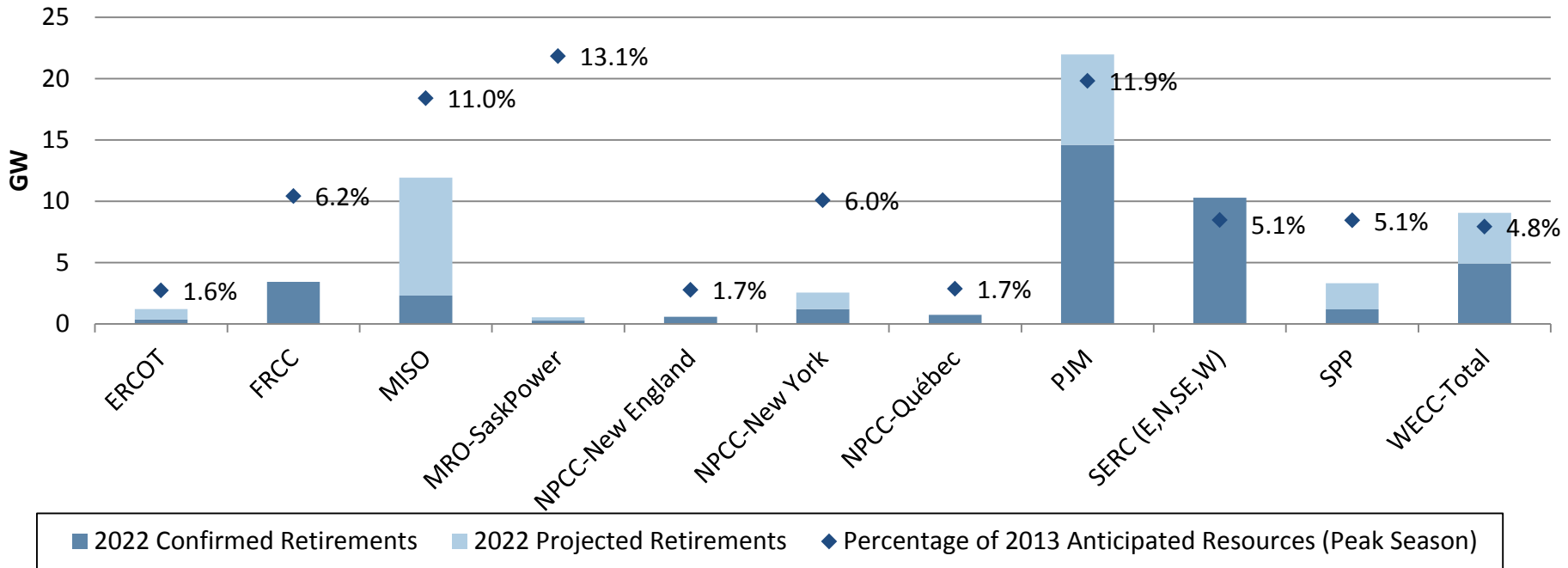
## *Unprecedented Fossil-Fired Generation Retirements*

- Assessment Area view reveals high-impact regions

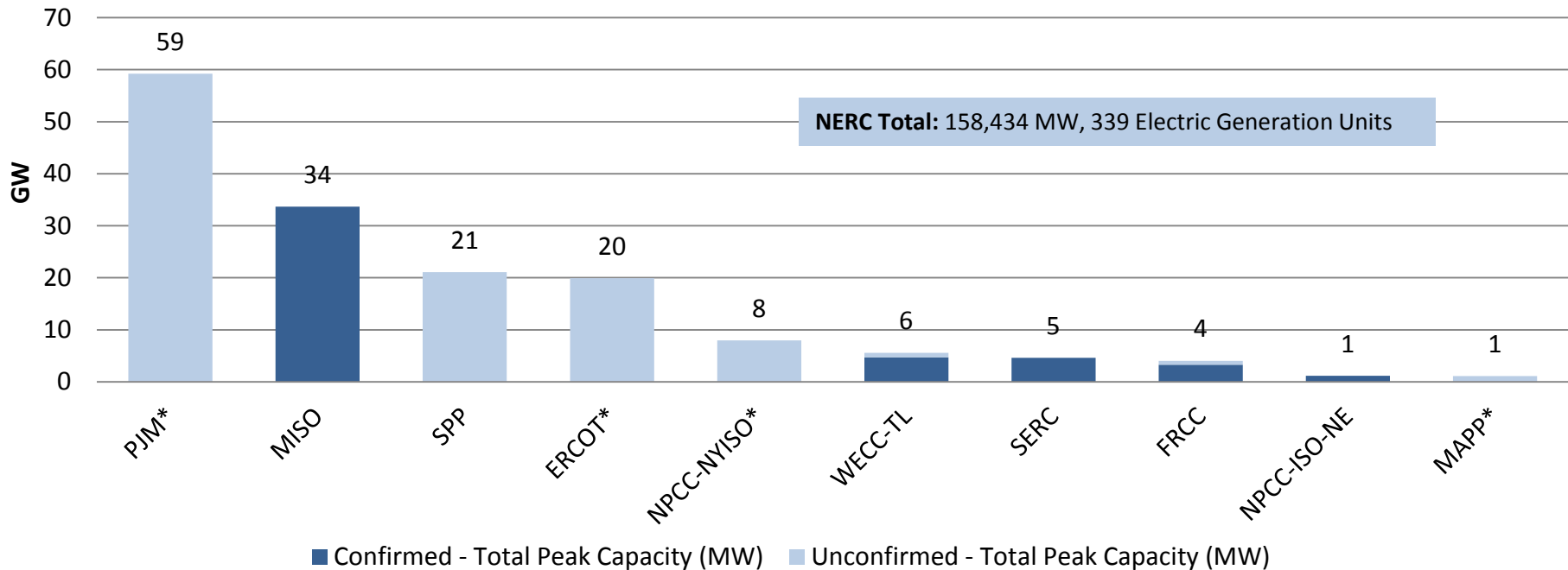


## *Unprecedented Fossil-Fired Generation Retirements*

- Assessment Area view reveals high-impact regions
- MISO, MRO-SaskPower, PJM projected to retire over 10% of all capacity resources



## Long-Term Generator Maintenance Outages for Environmental Retrofits Can Impact Off-Peak Reliability



Note: Unconfirmed retrofit outages include projections of 316(b) of the Clean Water Act compliance activities

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# Questions?

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