

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION



**Federal Energy
Regulatory
Commission**

Long-Term Reliability Assessment

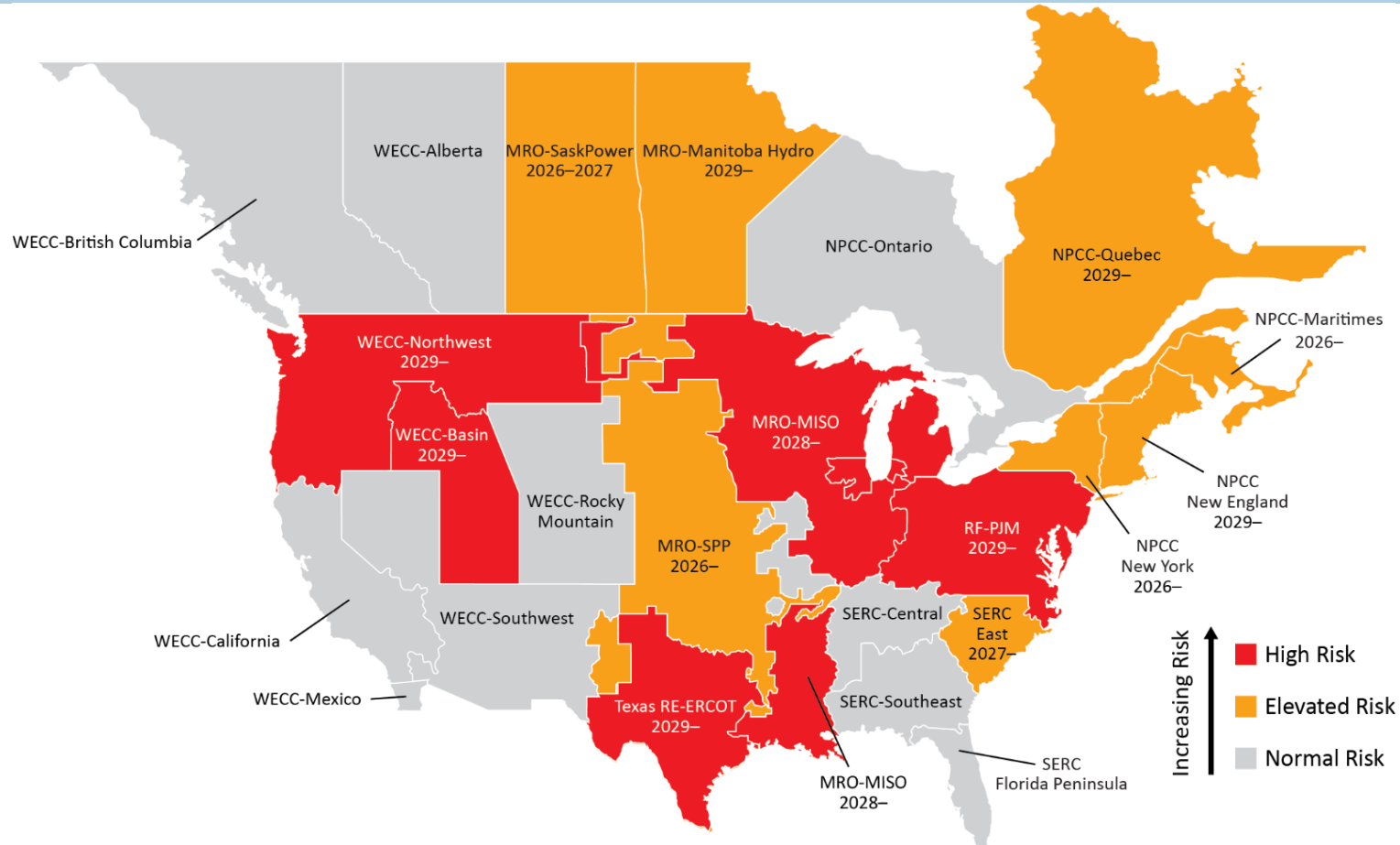
February 19, 2026 FERC Open Meeting

John Moura, NERC, Director of Reliability Assessment and Performance Analysis

Mark Hegerle, FERC Office of Electric Reliability, Director of Engineering and Logistics

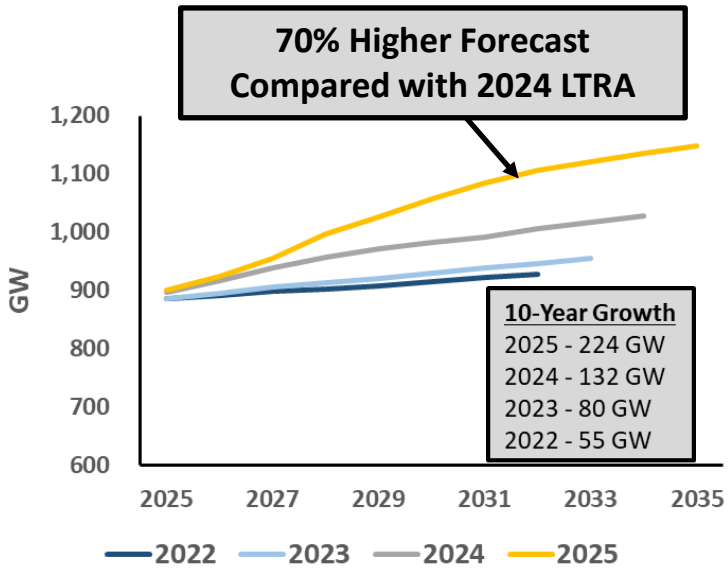
RELIABILITY | RESILIENCE | SECURITY

Risk Area Summary 2026 – 2030
Shows highest risk category in the 5-year period and the year it occurs

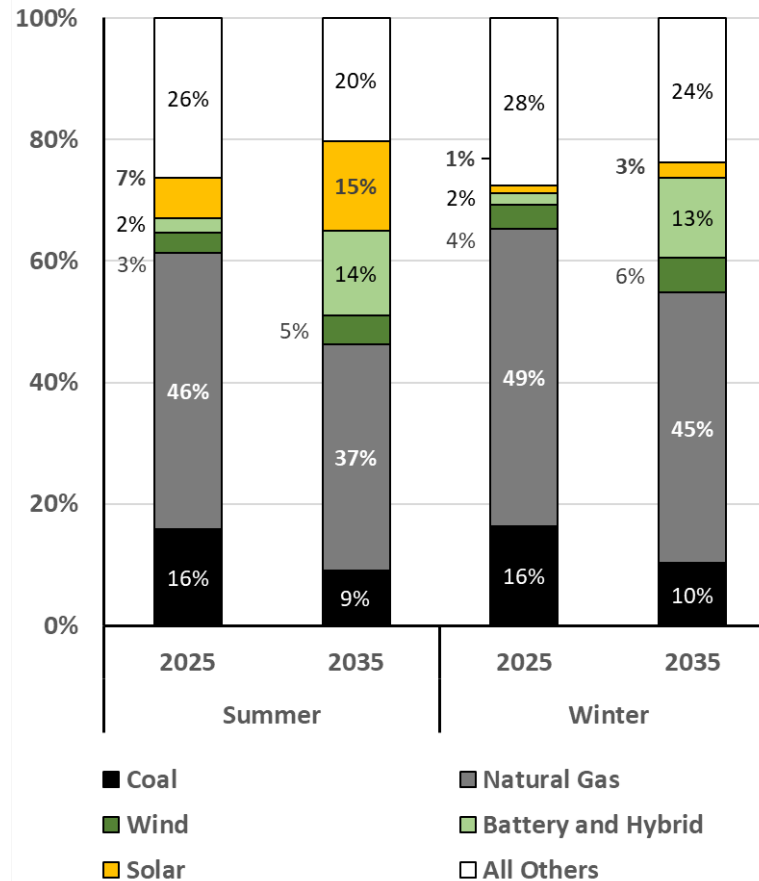


Note: Assessment inputs include: 1) Probabilistic assessment (studied years 2027 and 2029) and planning reserve margins (2026 through 2030). Risk determination based on established resource adequacy criteria (1-day-in-10 years) and [NERC-National Academy of Engineering Workshop Report](#) criteria for load-loss and unserved energy

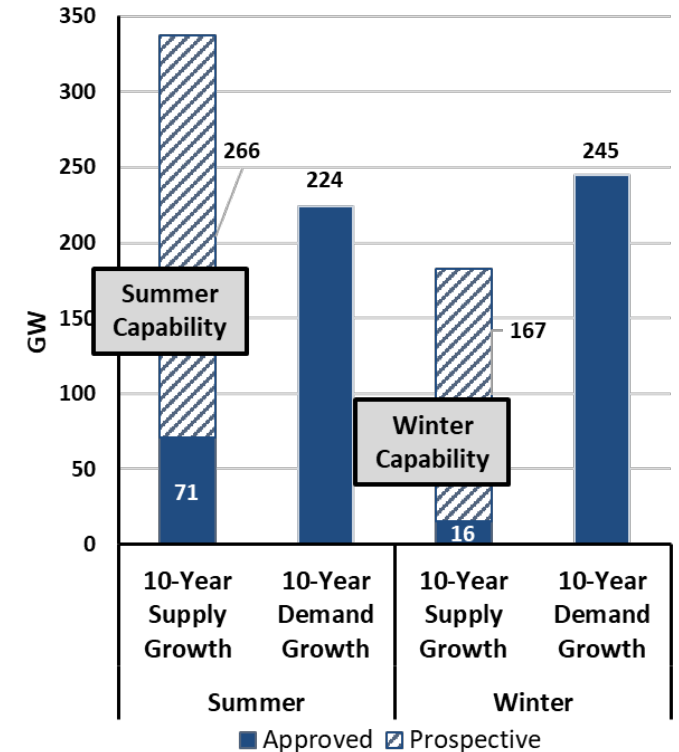
More Resources Are Needed for Demand Growth



10-year BPS Summer Peak Demand Growth
With 10-year Growth From Previous LTRAs



Change in Summer and Winter Resource Mix
Over the next 10-years with confirmed retirements and Approved + Prospective resource additions



Demand and Resource Growth

Approved Resources with Interconnection Agreements or regulatory approval
Prospective Resources In earlier planning

Familiar issues continue...

- Extreme weather risk
- Generation retirements
- Load growth / winter load growth increasing faster and increasingly uncertain
- Large load integration
- Natural gas interdependency

Some bright spots emerging...

- Retirement deferrals
- Gas and Electric sectors “leaning in”
- Energy Assurance Planning Standard (in drafting)
- Expanded IBR registration, FERC 901 actions
- Battery / synchronous condenser deployments helping (lessons learned from Iberian Blackout)

Continued focus required...

- Investment in critical infrastructure
- Large load interconnection requirements
- Situation awareness and rapid recovery
- Retention of essential reliability services as well as energy supply
- Technology (nuclear and LDES) development and deployment



Actions to Mitigate LTRA Projections

Expediting Resource Interconnections

- Interconnection queue reform (Order No. 2023)
- **PJM** – Reliability Resource Initiative (RRI), Surplus Interconnection Service
- **MISO** – Expedited Resource Addition Study (ERAS)
- **SPP** – ERAS, Priority Process, High Impact Large Load (HILL), High Impact Large Load Generation Assessment (HILLGA), Consolidated Planning Process (CPP) (*pending*)
- **CAISO** – Interconnection Process Enhancements (IPE)
- **ISO-NE** – proposing Capacity Auction Reforms

Improving Generator Availability During Extreme Weather

- Winter Storms Uri and Elliott inquiry report recommendations
 - Reliability Standards EOP-011, EOP-012, Guidelines
- Order No. 896
 - TPL-008-1 – Transmission System Planning Performance Requirements for Extreme Temperature Events

