



Metro Washington Council of Governments

Built Environment & Energy Advisory Committee

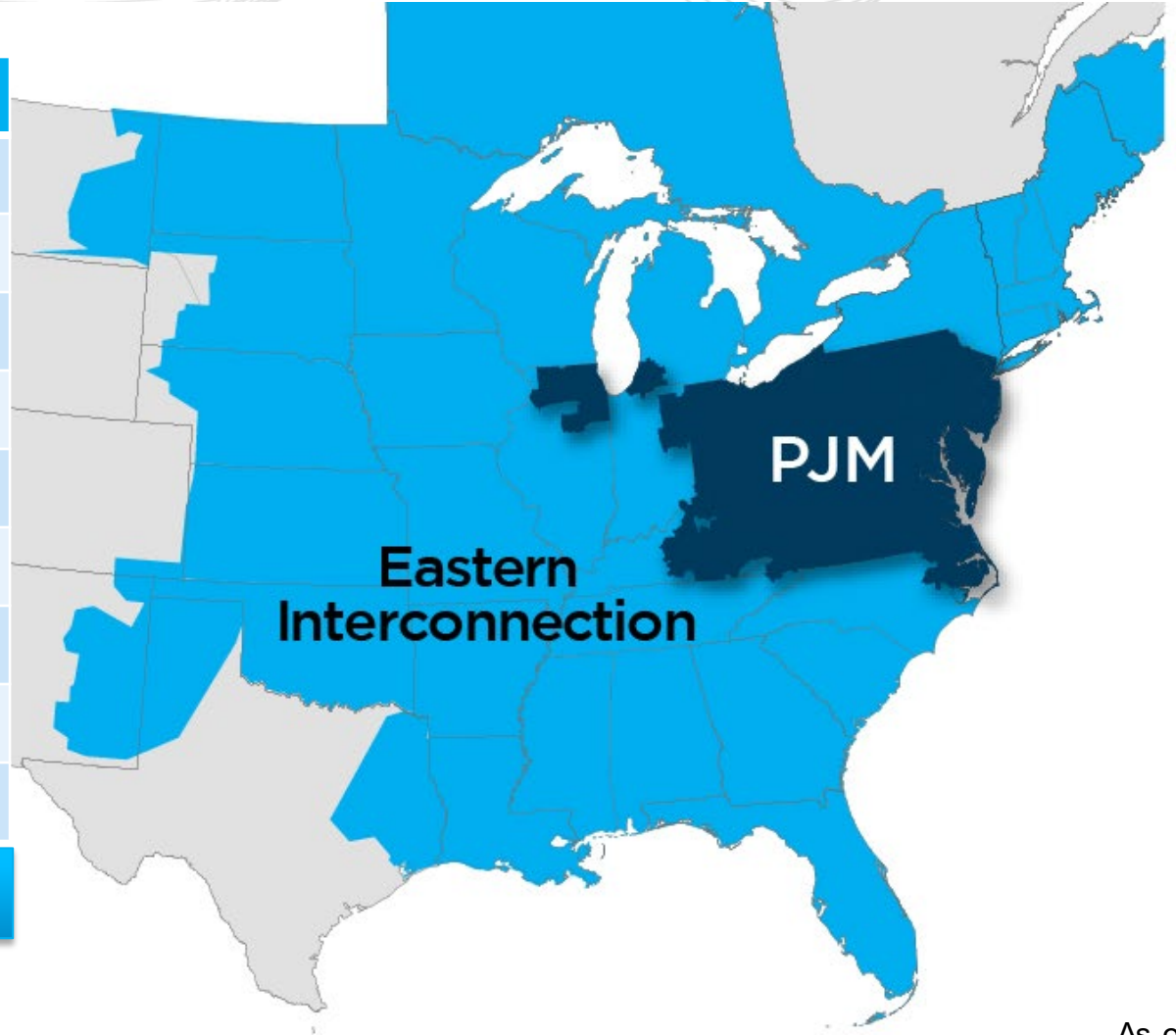
Timothy C. Burdis
Director, State Policy Solutions

Nov. 16, 2023

Key Statistics

Member companies	1,110+
Millions of people served	65+
Peak load in megawatts	165,563
Megawatts of generating capacity	183,254
Miles of transmission lines	88,115
Gigawatt hours of annual energy	795
Generation sources	1,419
Square miles of territory	368,906
States served	13 + DC

21% of U.S. GDP produced in PJM



As of 2/2023



Facilitate
Decarbonization Policies



Grid of
the Future



Innovation

THE ENABLING FOUNDATION



Maintain
Reliability



Stakeholder
Engagement and
Governance



Risk
Management



Workforce
Development

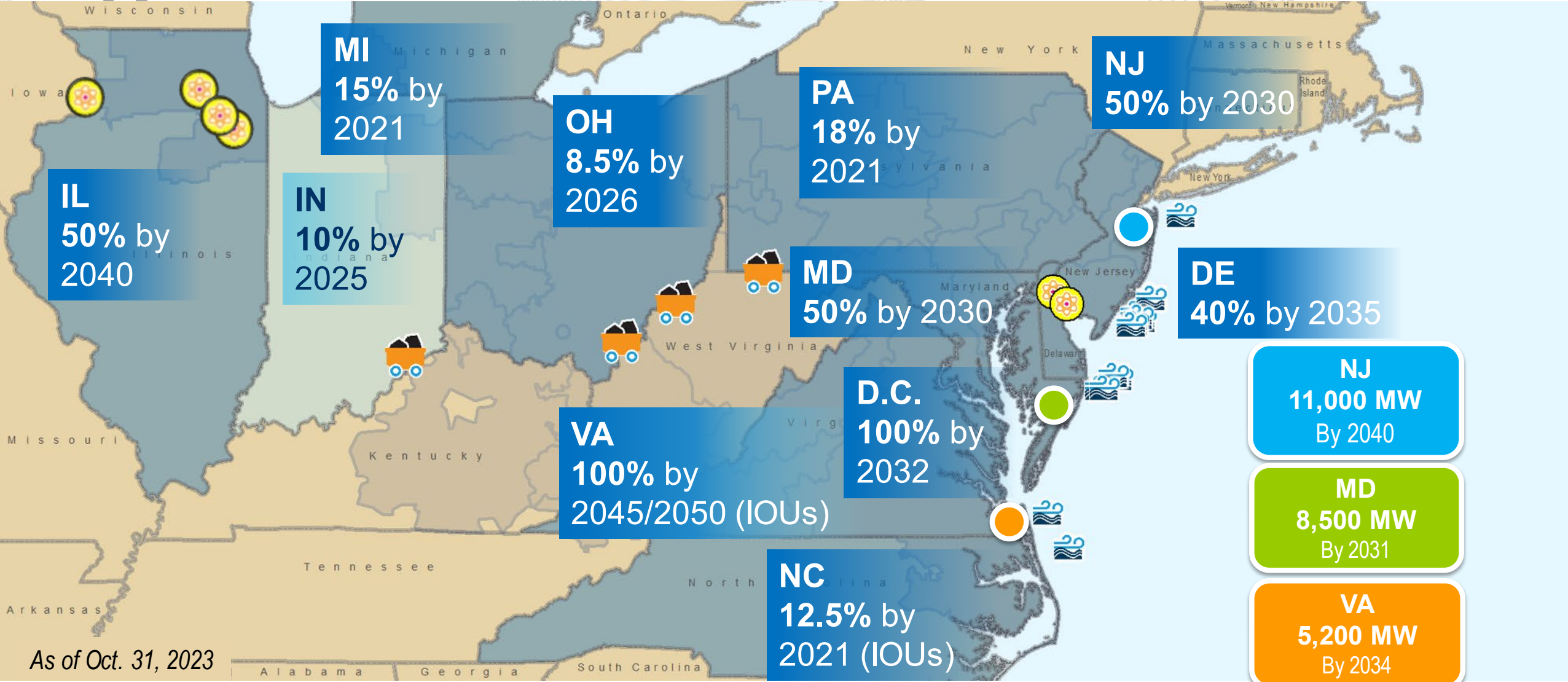


Efficiencies
of Scale



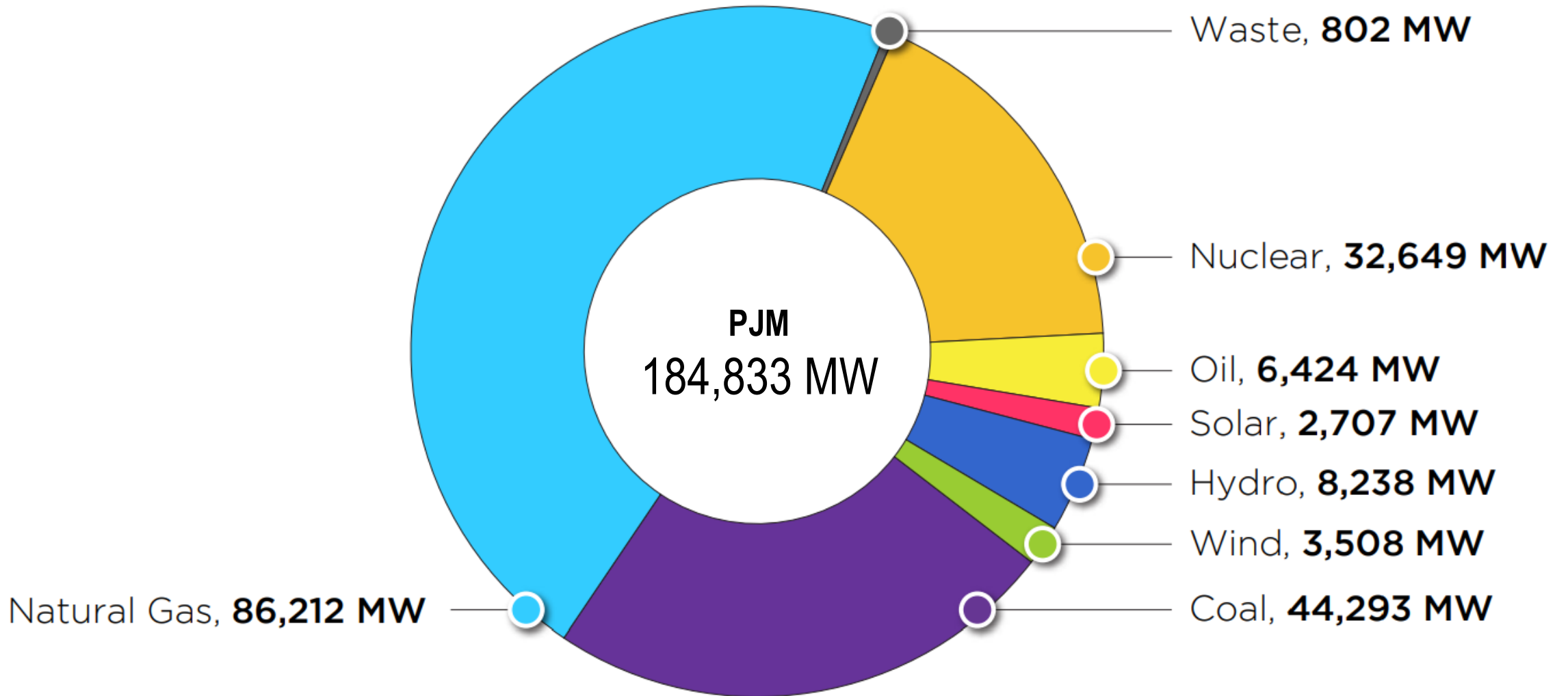
CULTURE

Monitor Developments

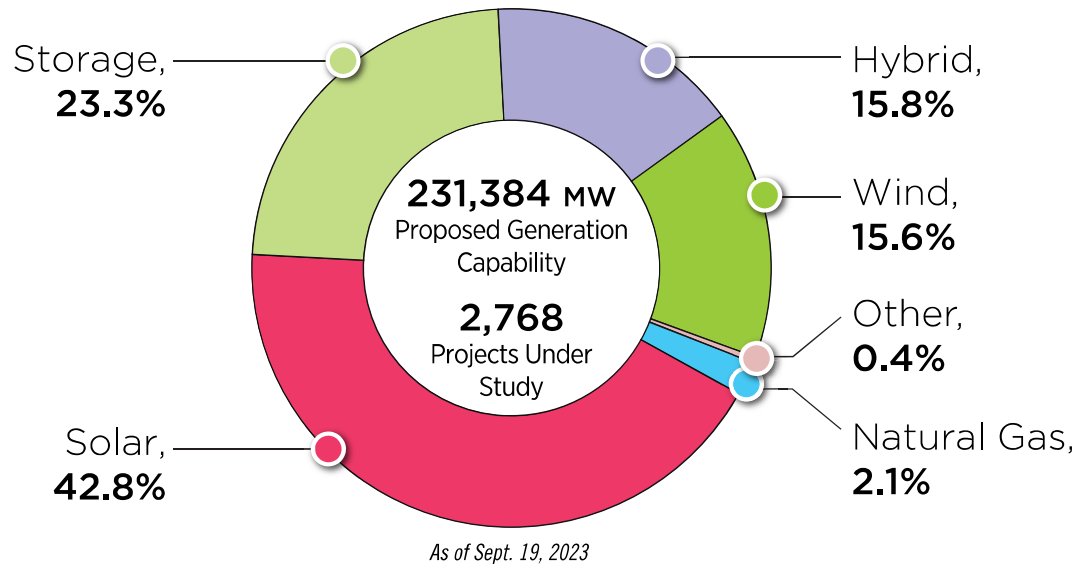


PJM – Existing Installed Capacity

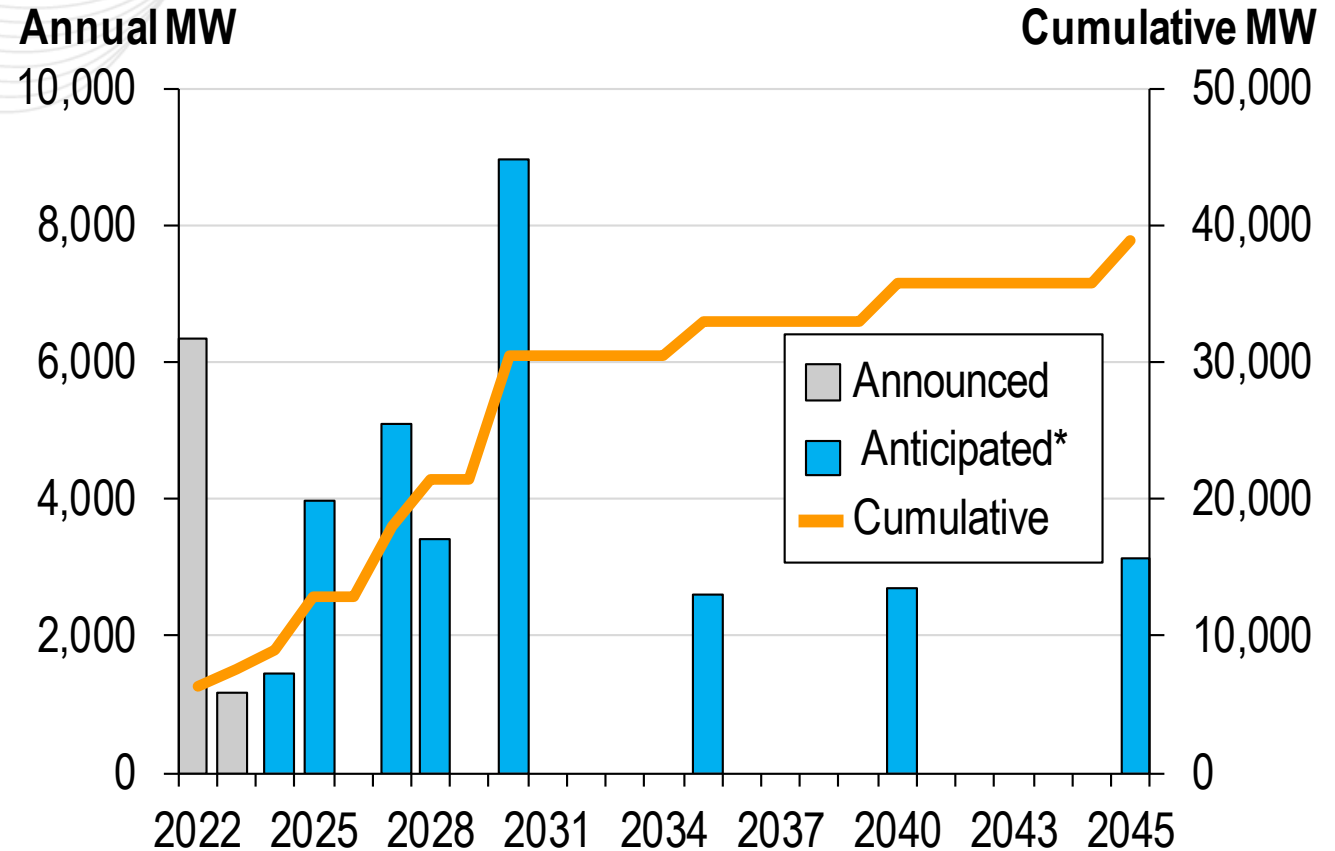
(CIRs – as of Dec. 31, 2022)



Current Interconnection Queue



Anticipated PJM Deactivation Impacts

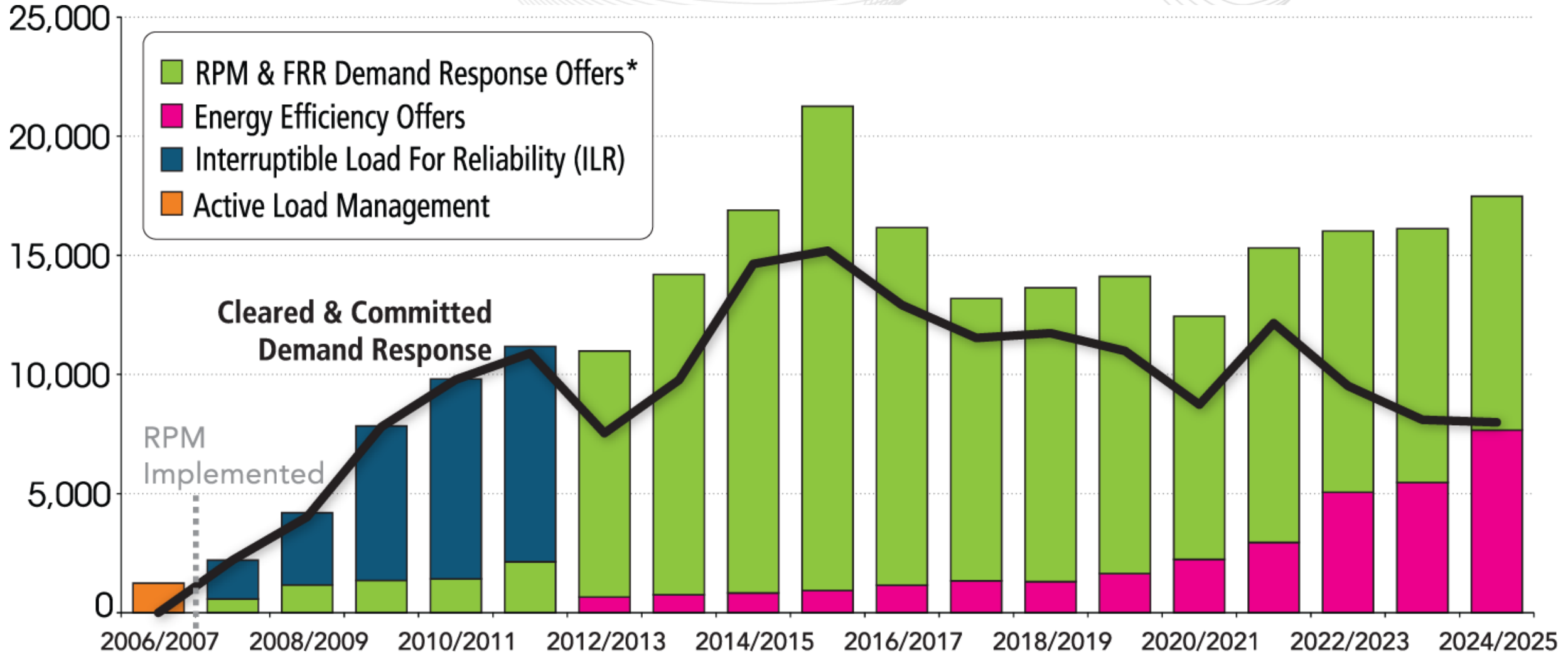


* Anticipated MW are estimated from active or pending legislative rules' criteria and public information (e.g., public emissions reporting). Actual deactivation date may differ from assumptions. ~17,500 MW of EPA CCR-impacted plants are currently not included due to retrofits and conversion to dry ash.

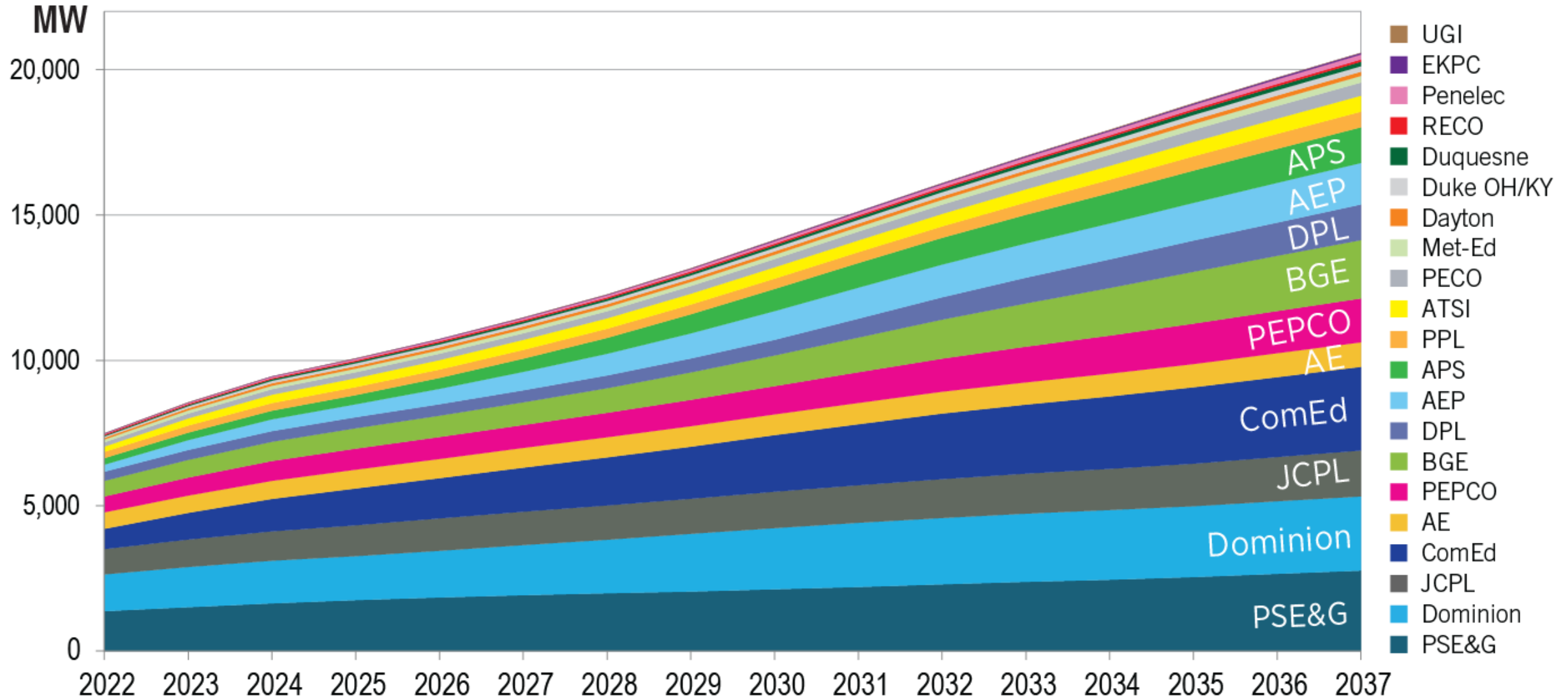
Updated ELCC Class Ratings for the 2025/26 BRA reflecting FERC Order accepting PJM’s ELCC CIR proposal (Docket No. ER23-1067-000)

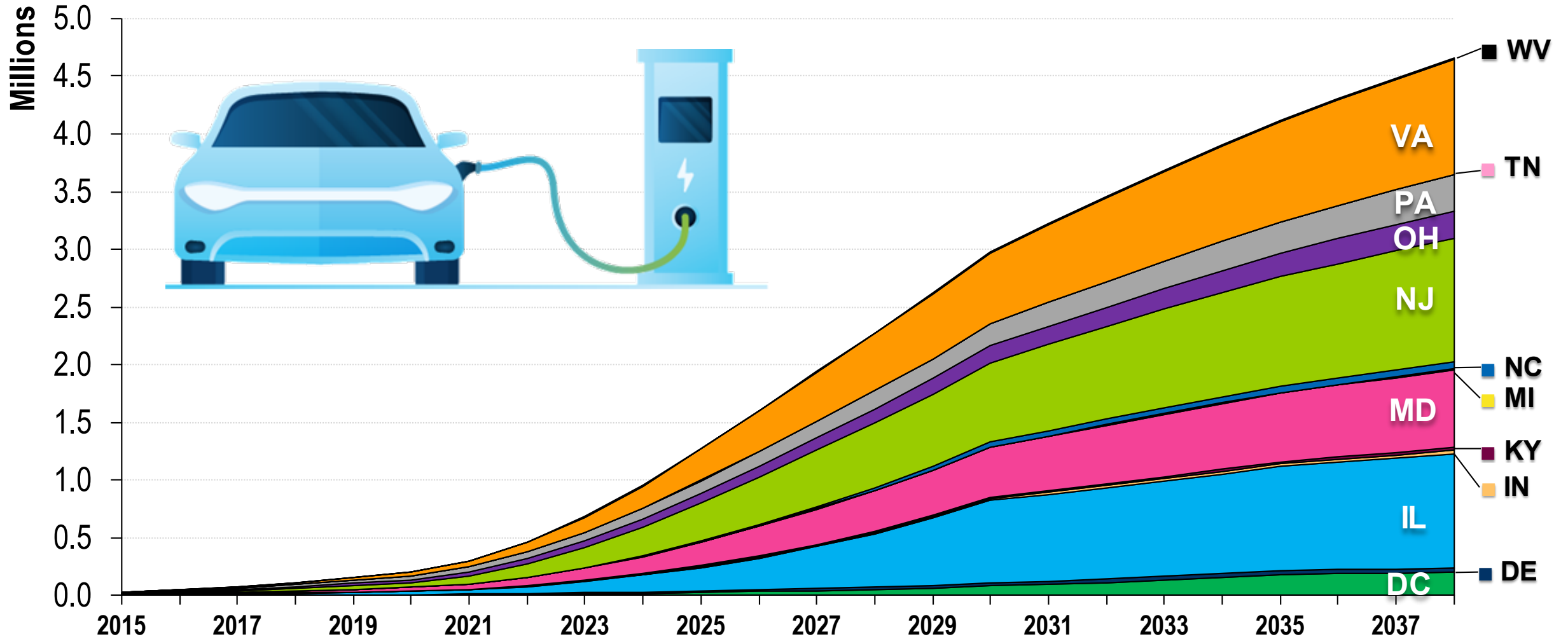
The updated ELCC Class Ratings are provided in the right-most column. For comparison purposes, the ELCC Class Ratings calculated in December 2022 are provided. The updated individual Accredited UCAP (AUCAP) values are available in Capacity Exchange.

ELCC Class	December 2022 2025/2026 BRA	May 2023 2025/2026 BRA
Onshore Wind	15%	10%
Offshore Wind	40%	21%
Solar Fixed Panel	37%	30%
Solar Tracking Panel	51%	50%
4-hr Storage	77%	80%
6-hr Storage	96%	96%
8-hr Storage	100%	100%
10-hr Storage	100%	100%
Solar Hybrid Open Loop - Storage Component	74%	80%
Solar Hybrid Closed Loop - Storage Component	74%	80%
Hydro Intermittent	37%	34%
Landfill Gas Intermittent	63%	61%
Hydro with Non-Pumped Storage	94%	94%

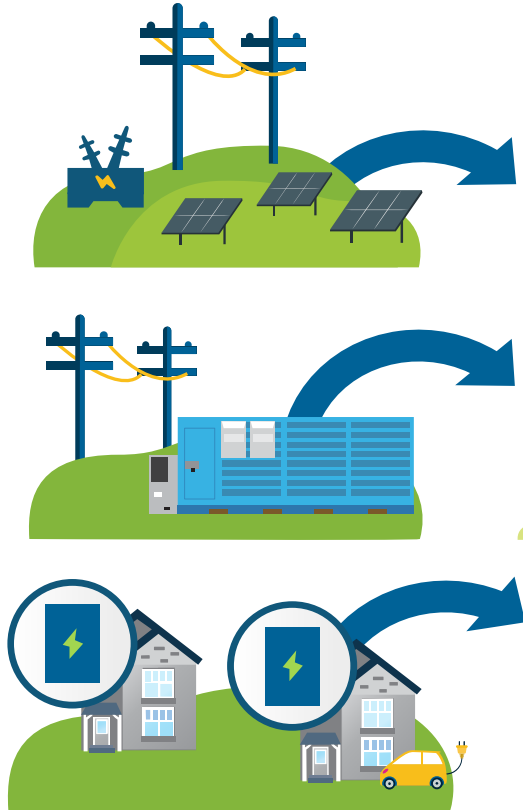


*Includes capacity cleared in RPM BRA or committed in FRR plan

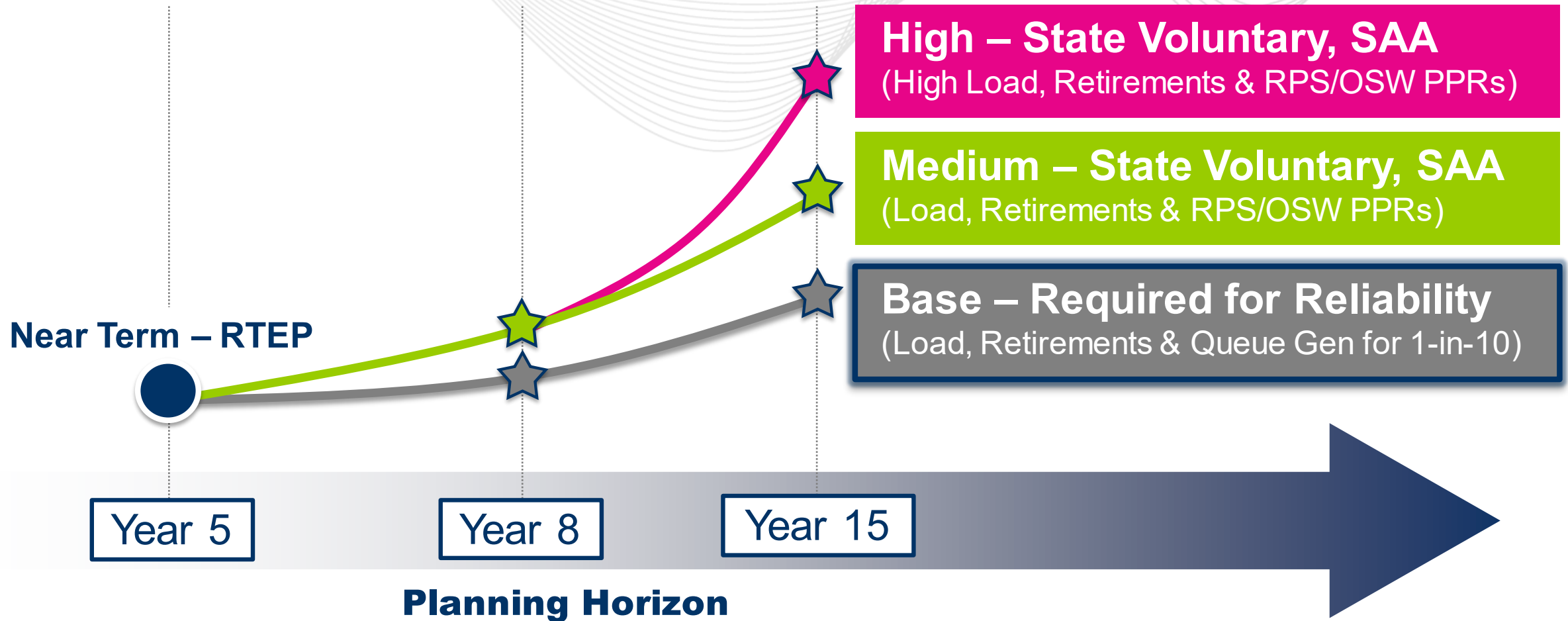




Component DERs



PJM Markets



- PJM can consider performing sensitivities, e.g. for lower data center load

Note: PPR – Public Policy Requirement

Thank You! and Questions