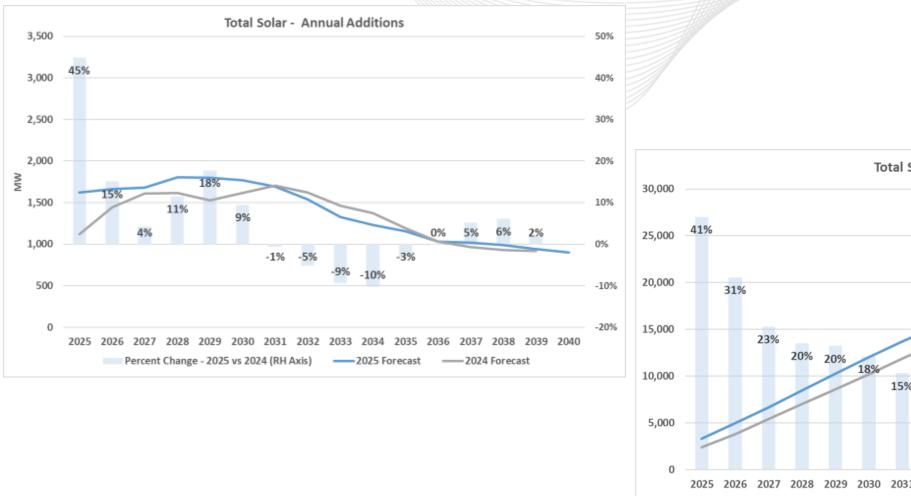


# Distributed Solar and Battery Generation

Molly Mooney Load Analysis Subcommittee November 25, 2024

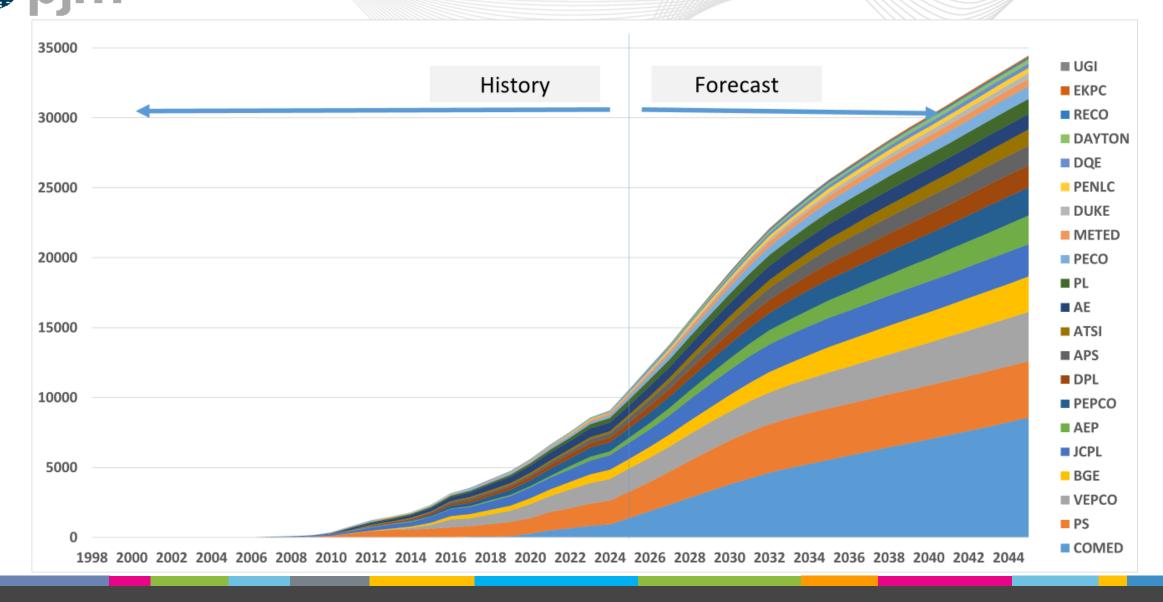


#### S&P Global Forecast Comparison



Total Solar - Cumulative 45% 40% 35% 30% 25% 20% 15% 15% 13% 10% 11% 8% 8% 8% 8% 5% 0% 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 Percent Change - 2025 vs 2024 (RH Axis) 2025 Forecast -2024 Forecast

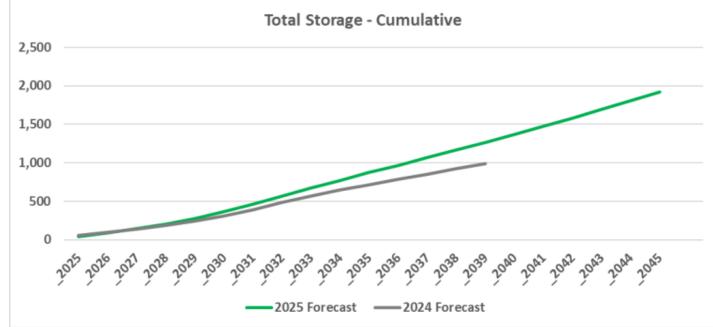
## Distributed Solar Generation 2025 Forecast by Zone



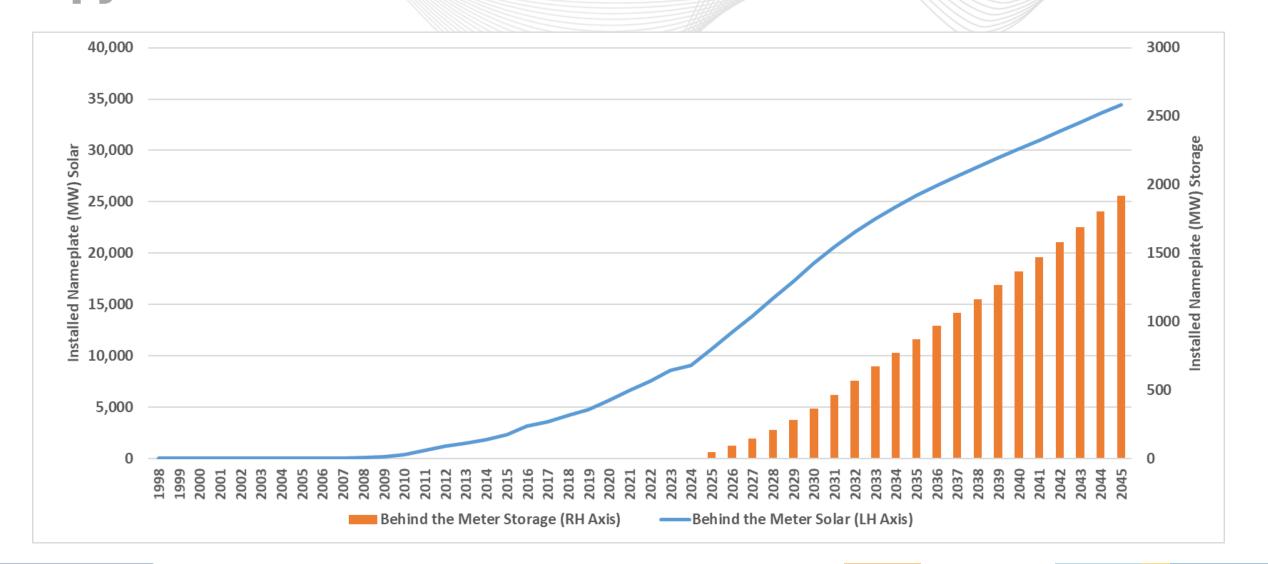


## **Behind the Meter Battery Forecast**

- Starting in the 2022 Load Report, PJM uses a battery forecast for use in conjunction with the distributed solar forecast.
- The full amount of battery forecast will be used when incorporating into the summer peak forecast – the assumption being the battery will be fully charged so it is available at peak.



#### **Total PJM Nameplate**





# **Contact Information**

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**Distributed Solar and Battery Generation** 

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