



# 2026 PJM Long-Term Load Forecast

Planning Committee  
February 3, 2026

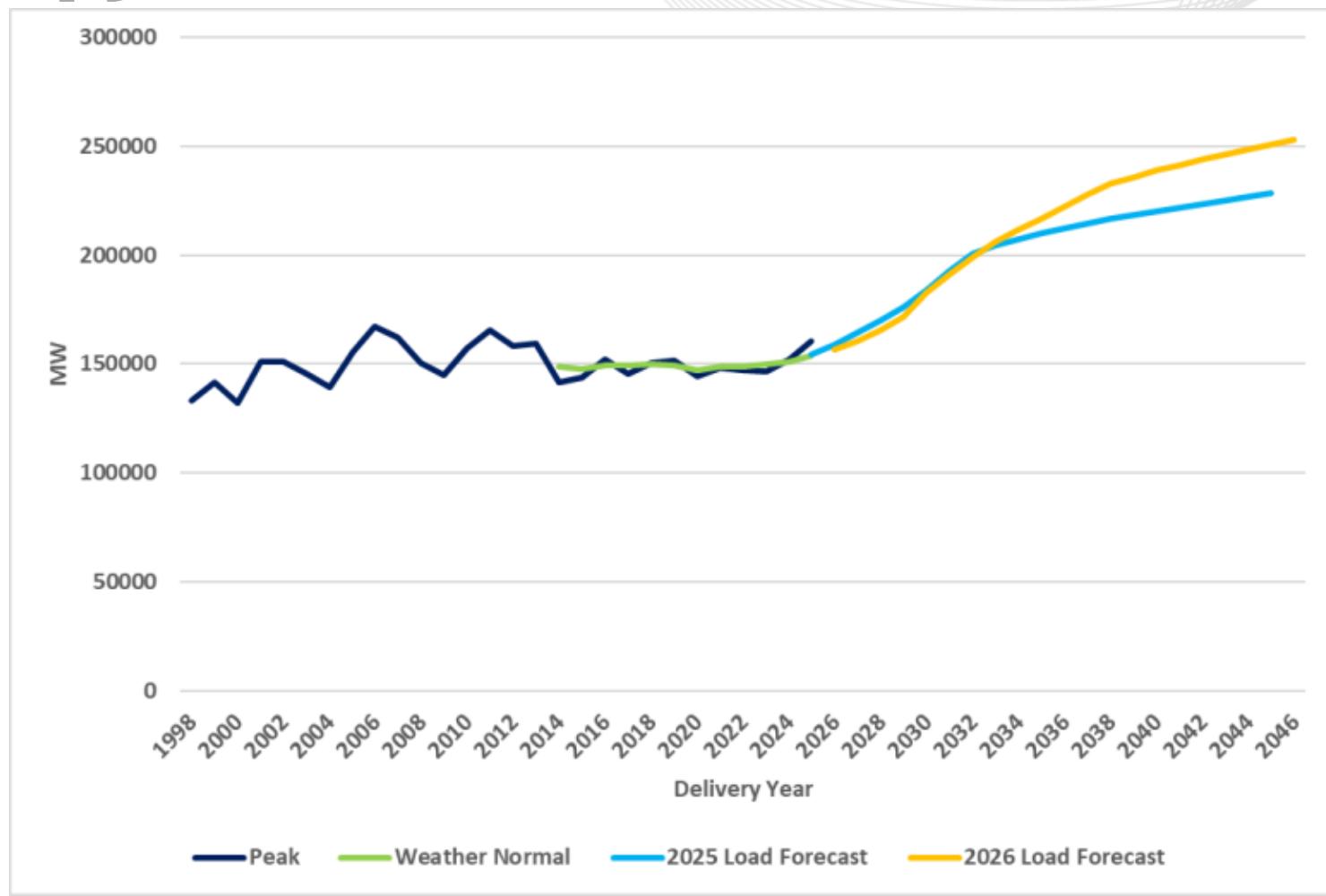
Molly Mooney  
Resource Adequacy Planning

- Estimation Period: January 2016 through August 2025
- Weather Simulation: 1994 to 2024 (403 scenarios)
- Sector Models (2015-2024 Monthly from EIA 861 and EIA 861m)
  - End Use Data: Based on Itron's 2025 release
  - Economics: September 2025 vintage from Moody's Analytics
- S&P Global Solar/Battery Forecast (zonal & peak allocation by PJM)
  - Production estimates by UL
- S&P Global - Plug-in Electric Vehicles (PEVs)

- Load Adjustments:

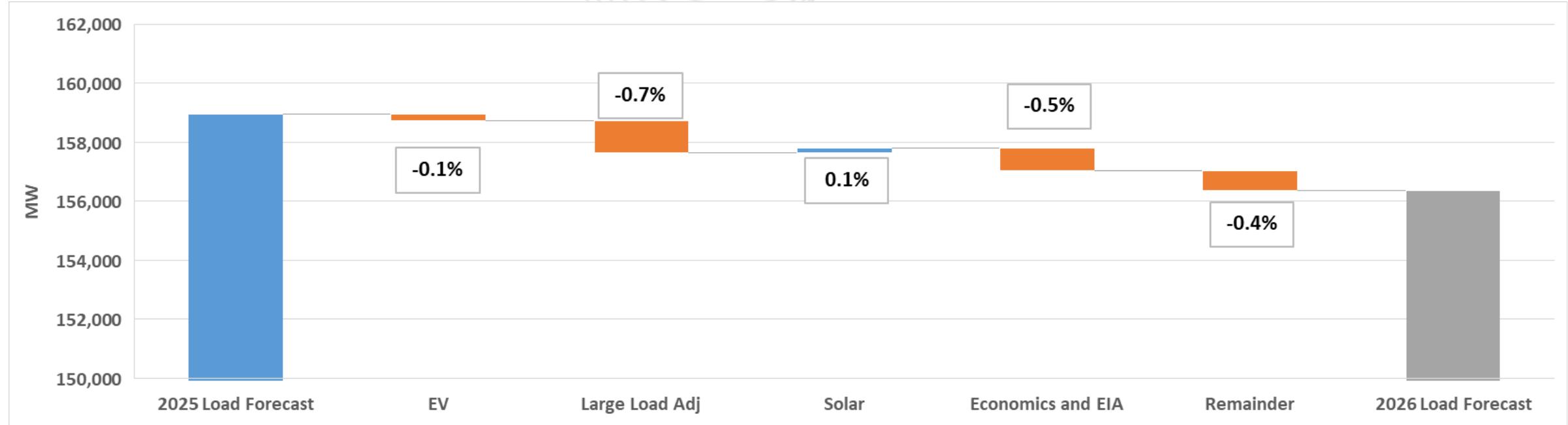
- Data Centers (AEP, ATSI, APS, BGE, COMED, DAYTON, DQE, JCPL, METED, PECO, PEPCO, PL, PS and Dominion);
- Port Electrification (PS);
- Voltage Optimization (Dominion);
- Peak Shaving Adjustment (EKPC)

# Summer Forecast Comparison 2025 vs 2026



- 20-year/ Annualized Growth Rate
  - 2025 Forecast: 2.0%
  - 2026 Forecast: 2.4%
- Select year comparisons  
(2026 Forecast vs 2025 Forecast)
  - 2027: -2.3% (~3,700 MW)
  - 2029: -2.7% (~4,600 MW)
  - 2031: -0.9% (~1,600 MW)
  - 2040: +7.8% (~18,600 MW)

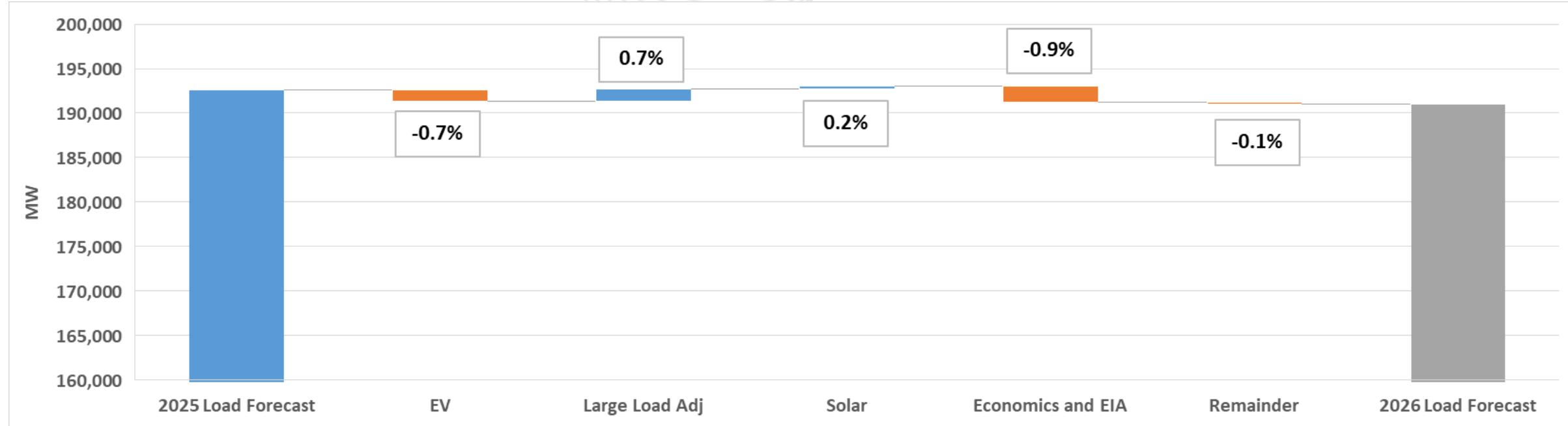
# Summer 2026 Forecast Waterfall Comparison



\*Economics and EIA is the impact of new EIA end use data as well as new economics

\*\*Remainder is the impact of re-estimation of R,C,I models and hourly models

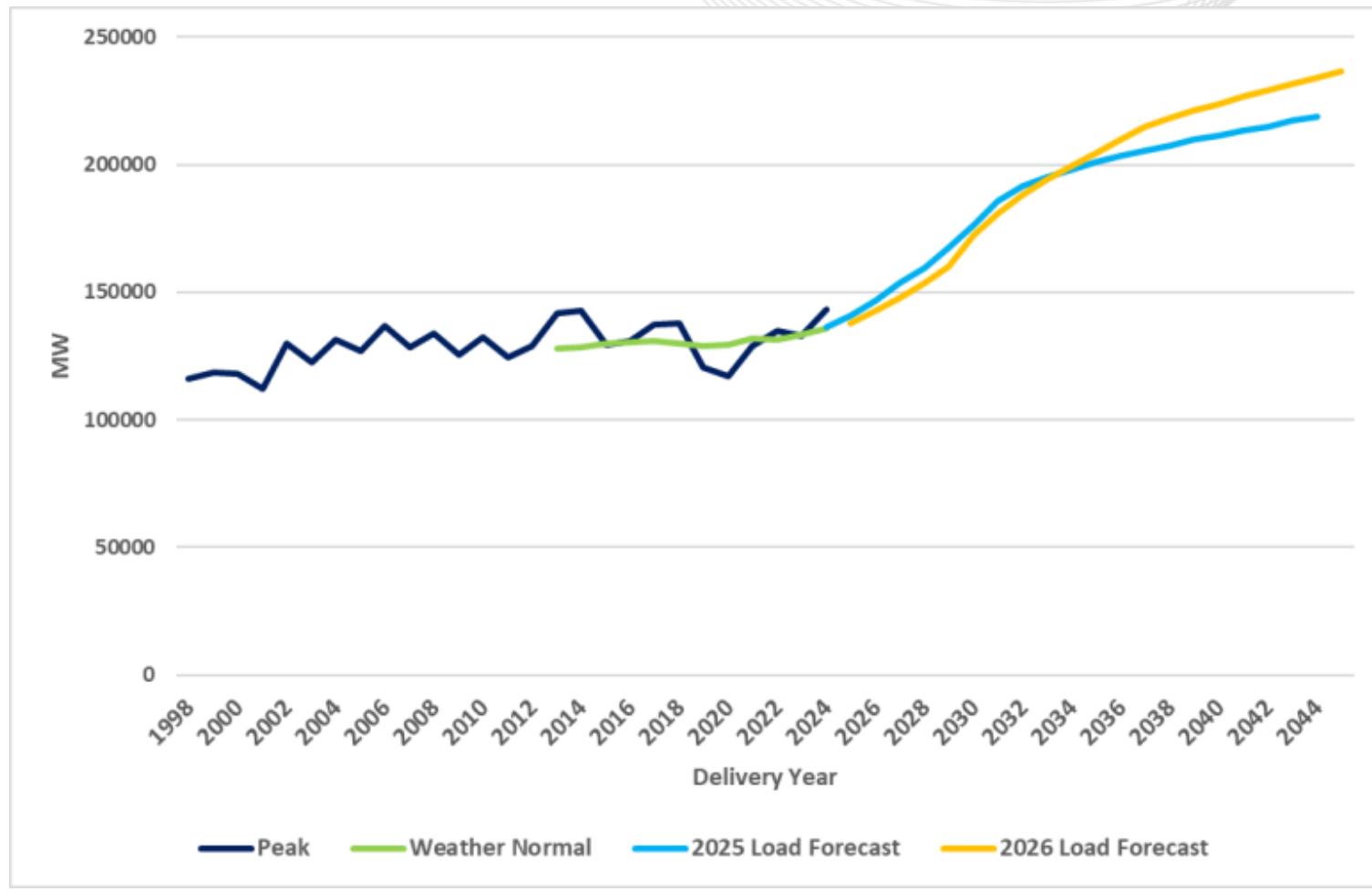
# Summer 2031 Forecast Waterfall Comparison



\*Economics and EIA is the impact of new EIA end use data as well as new economics

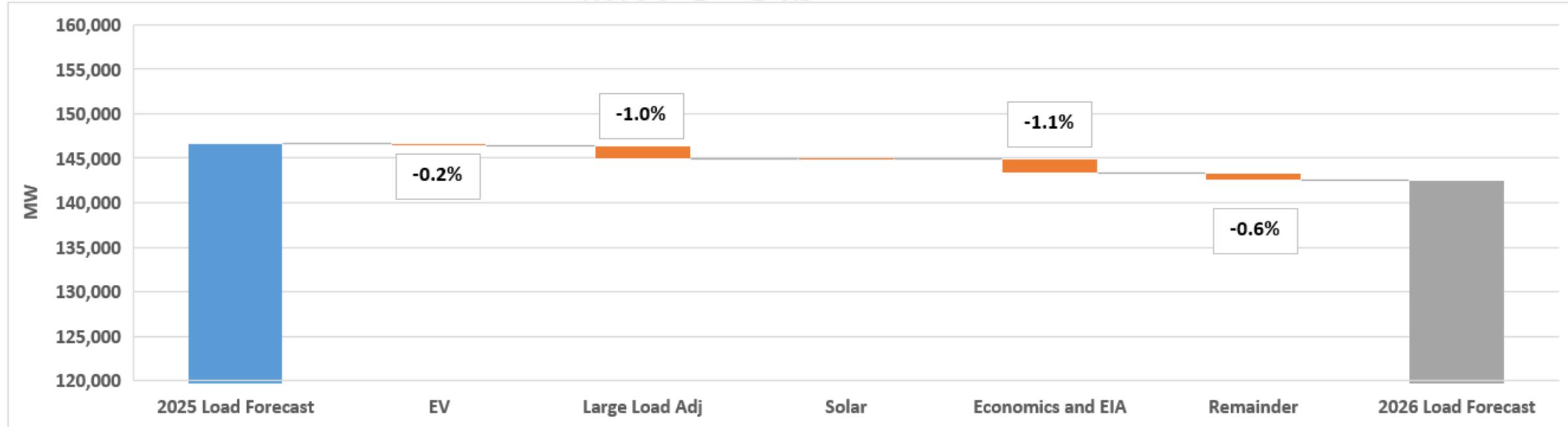
\*\*Remainder is the impact of re-estimation of R,C,I models and hourly models

# Winter Forecast Comparison 2025 vs 2026



- 20-year Annualized Growth Rate
  - 2025 Forecast : 2.4%
  - 2026 Forecast : 2.7%
- Select year comparisons  
(2026 Forecast vs 2025 Forecast)
  - 2027: -3.9% (~5,800MW)
  - 2029: -4.4% (~7,100MW)
  - 2031: -2.6% (~4,700MW)
  - 2039: +5.2% (~11,500MW)

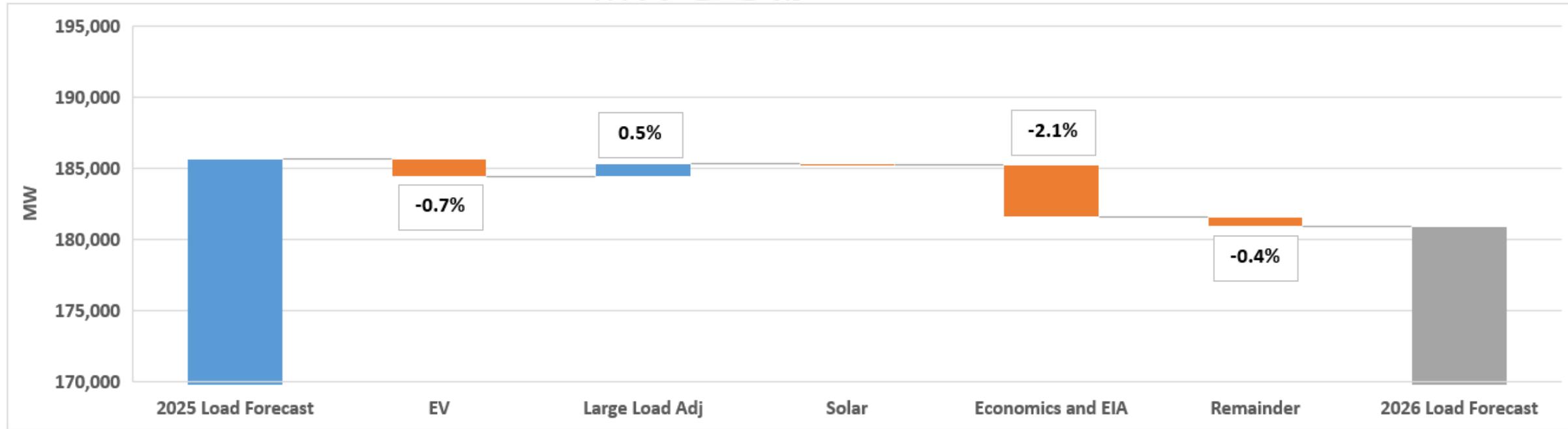
# Winter 2026/2027 Forecast Waterfall Comparison



\*Economics and EIA is the impact of new EIA end use data as well as new economics

\*\*Remainder is the impact of re-estimation of R,C,I models and hourly models

# Winter 2031/2032 Forecast Waterfall Comparison



\*Economics and EIA is the impact of new EIA end use data as well as new economics

\*\*Remainder is the impact of re-estimation of R,C,I models and hourly models

SME/Presenter:  
Molly Mooney,  
[Molly.Mooney@pjm.com](mailto:Molly.Mooney@pjm.com)  
[Load\\_Analysis\\_Team@pjm.com](mailto:Load_Analysis_Team@pjm.com)



Member Hotline  
(610) 666 – 8980  
(866) 400 – 8980  
[custsvc@pjm.com](mailto:custsvc@pjm.com)

## 2026 PJM Long-Term Load Forecast

**PROTECT THE  
POWER GRID  
THINK BEFORE  
YOU CLICK!**



Be alert to  
malicious  
phishing emails.



Report suspicious email activity to PJM.  
(610) 666-2244 / [it\\_ops\\_ctr\\_shift@pjm.com](mailto:it_ops_ctr_shift@pjm.com)

