



# Delaware State Report for GEAC

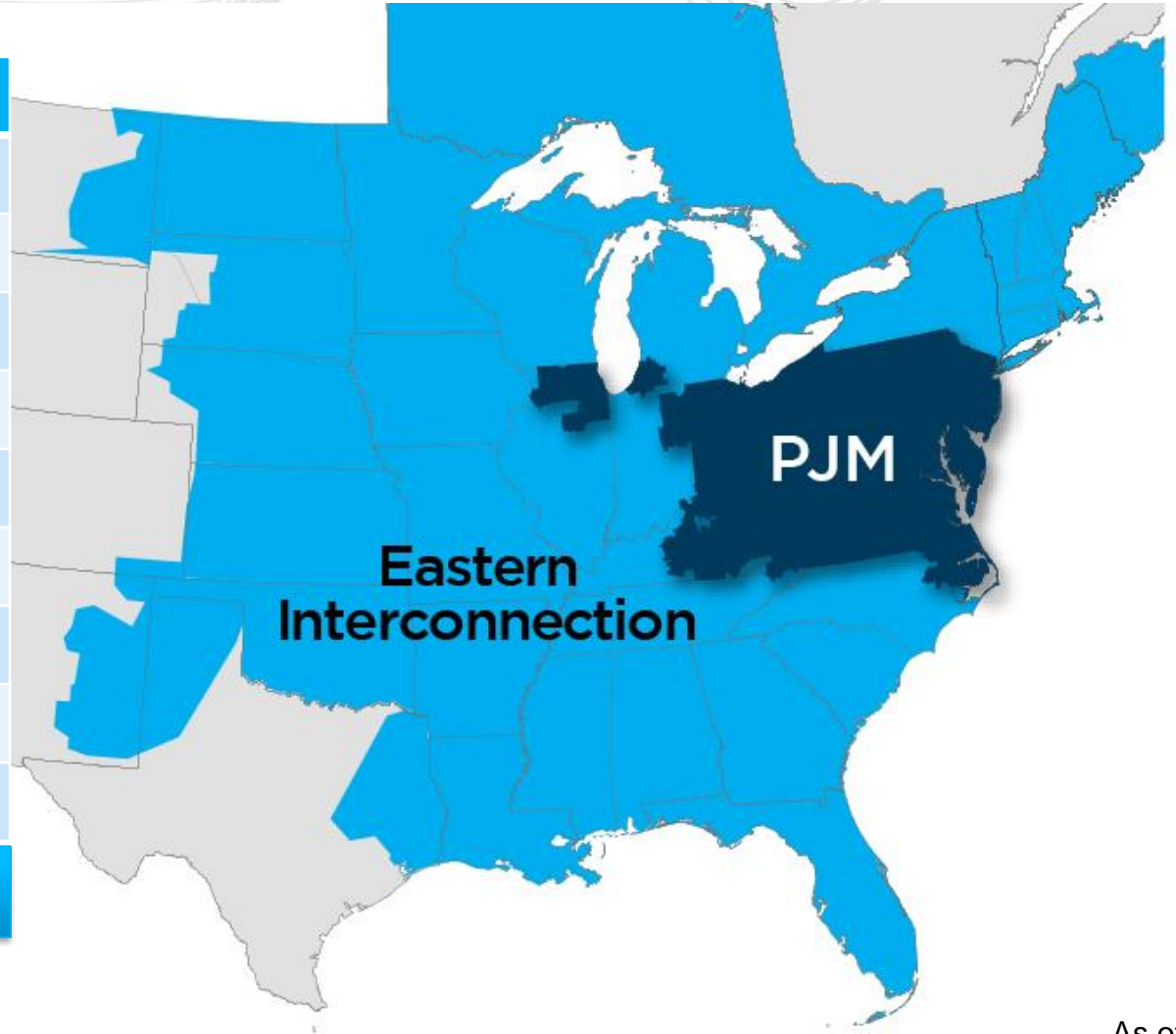
Lori Murphy Lee  
Manager, Regulatory and  
Legislative Affairs  
PJM Interconnection

August 14, 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

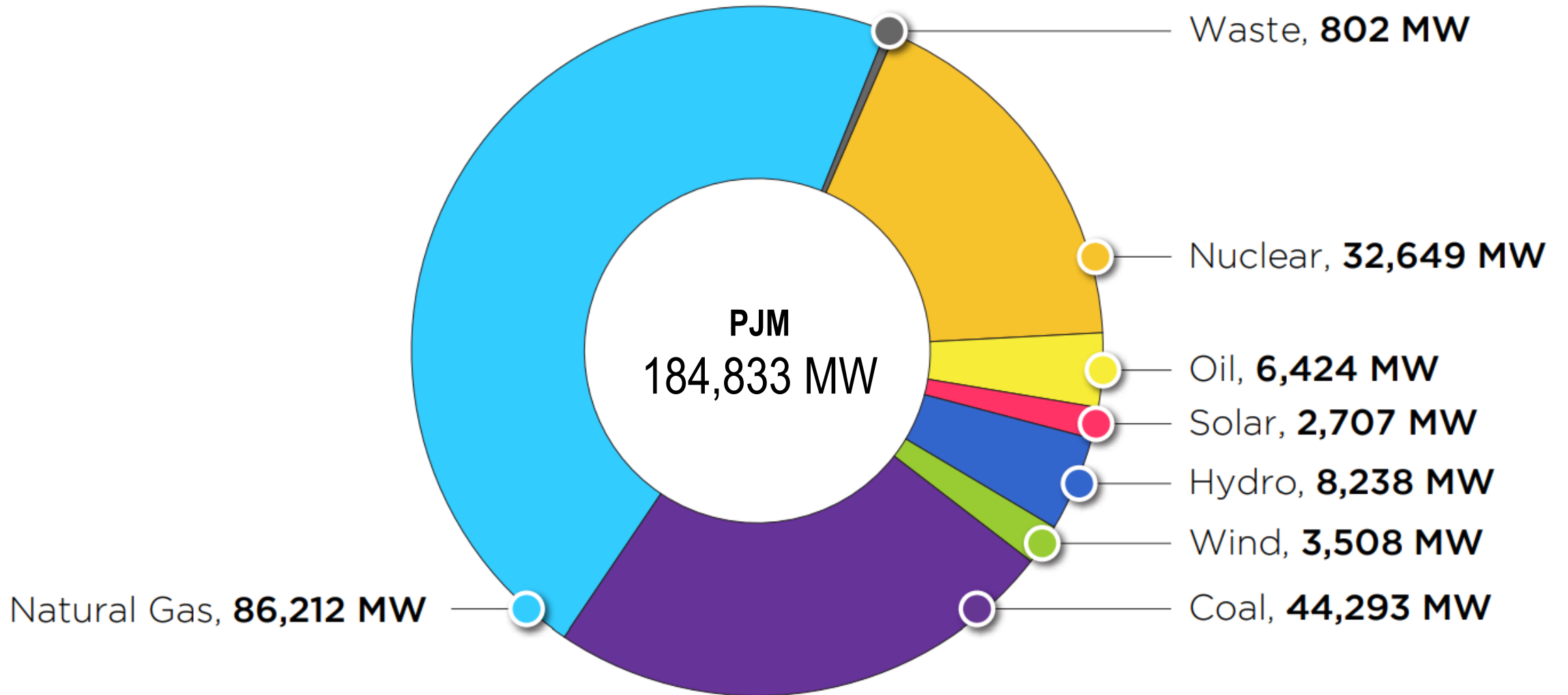
**21% of U.S. GDP produced in PJM**

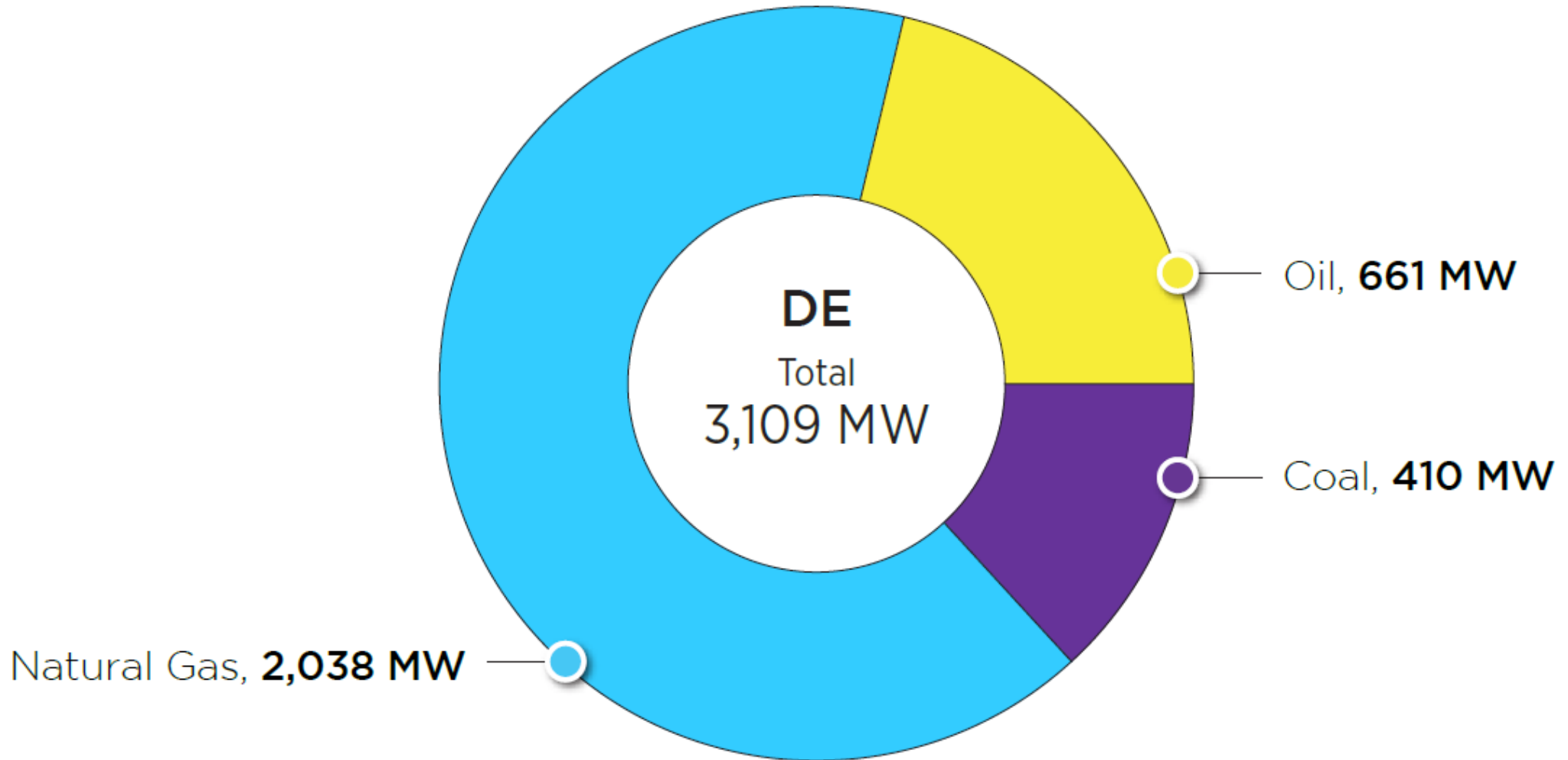


As of 2/2023

# PJM – Existing Installed Capacity

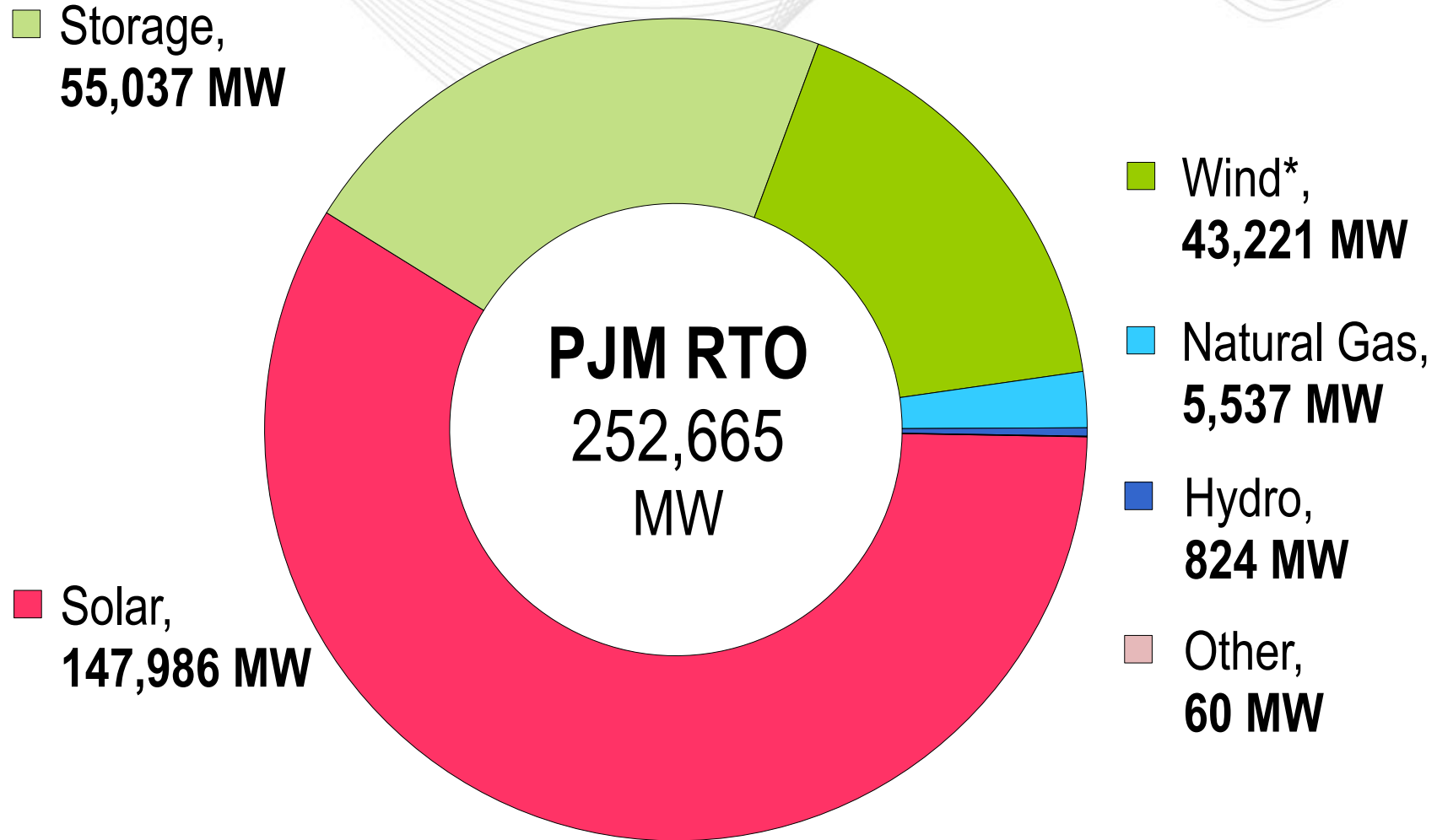
(CIRs – as of Dec. 31, 2022)





# PJM Queued Capacity (Nameplate) by Fuel Type

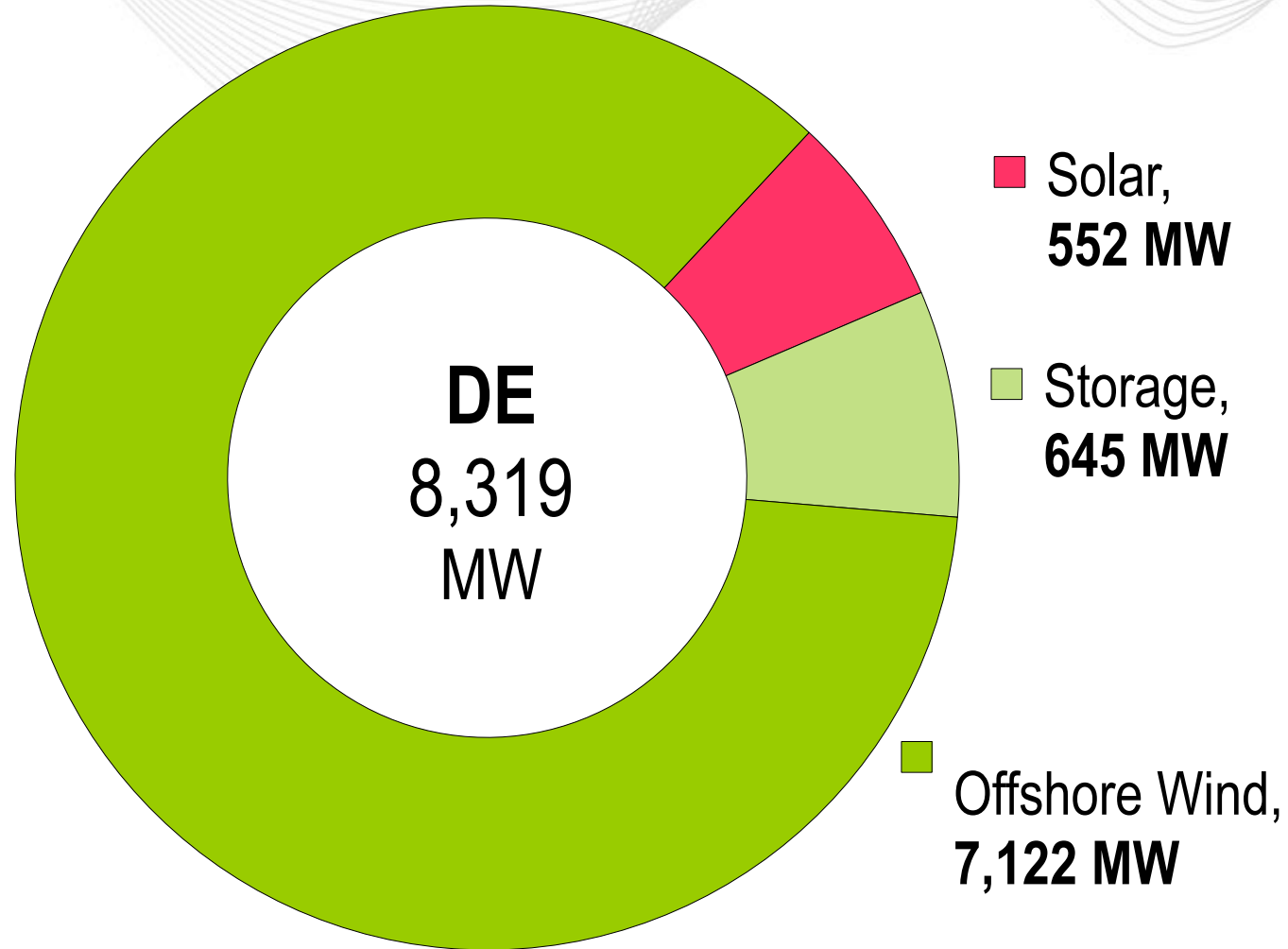
("Active" in the PJM Queue as of April 1, 2023)



\*Wind includes both onshore and offshore wind

# Delaware Queued Capacity (Nameplate) by Fuel Type

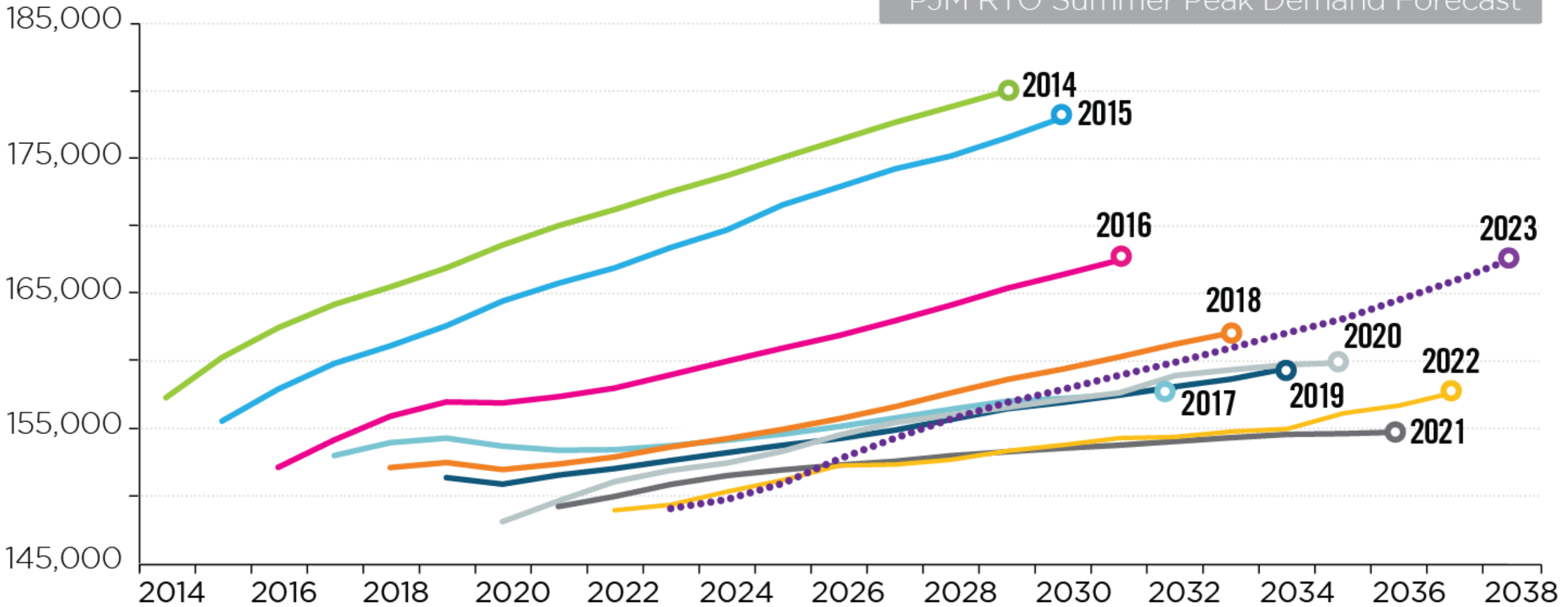
("Active" in the PJM Queue as of April 1, 2023)

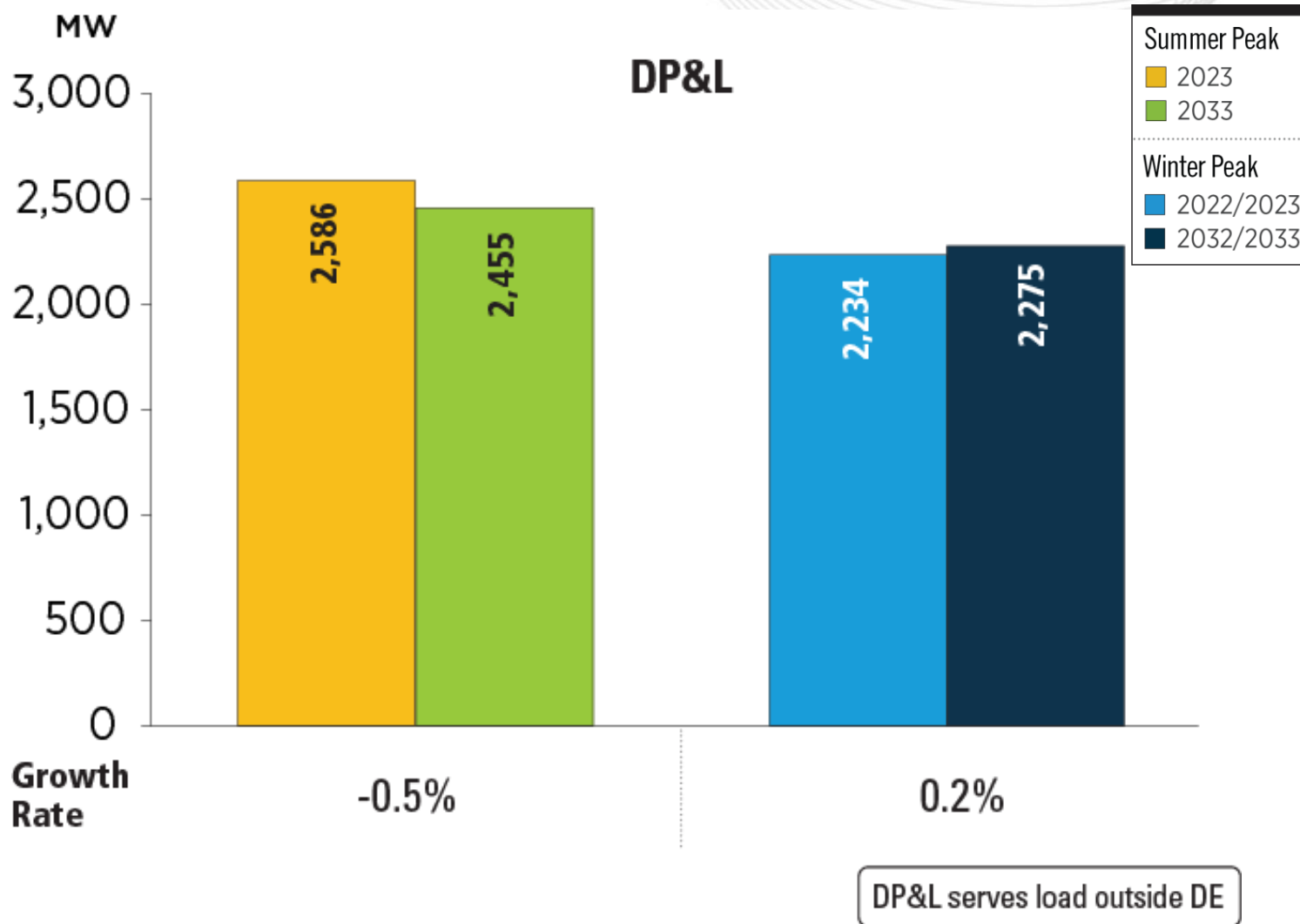


The wind generation listed in the queue for Delaware consists of offshore wind projects that are Maryland public policy projects but are physically located in Delaware.

Load (MW)

PJM RTO Summer Peak Demand Forecast

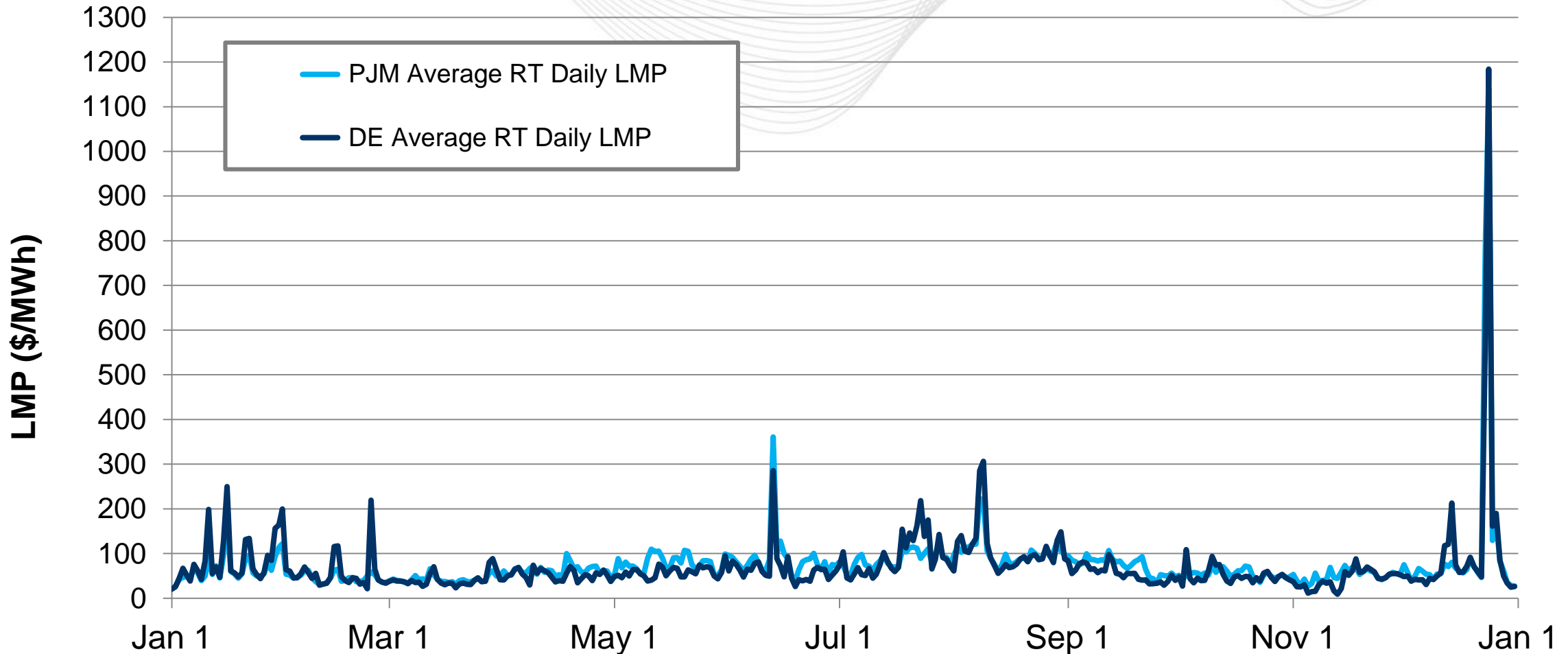




PJM RTO Summer Peak		PJM RTO Winter Peak	
2023	2033	2022/2023	2032/2033
149,059 MW	160,971 MW	130,811 MW	144,992 MW
Growth Rate 0.8%		Growth Rate 1.0%	

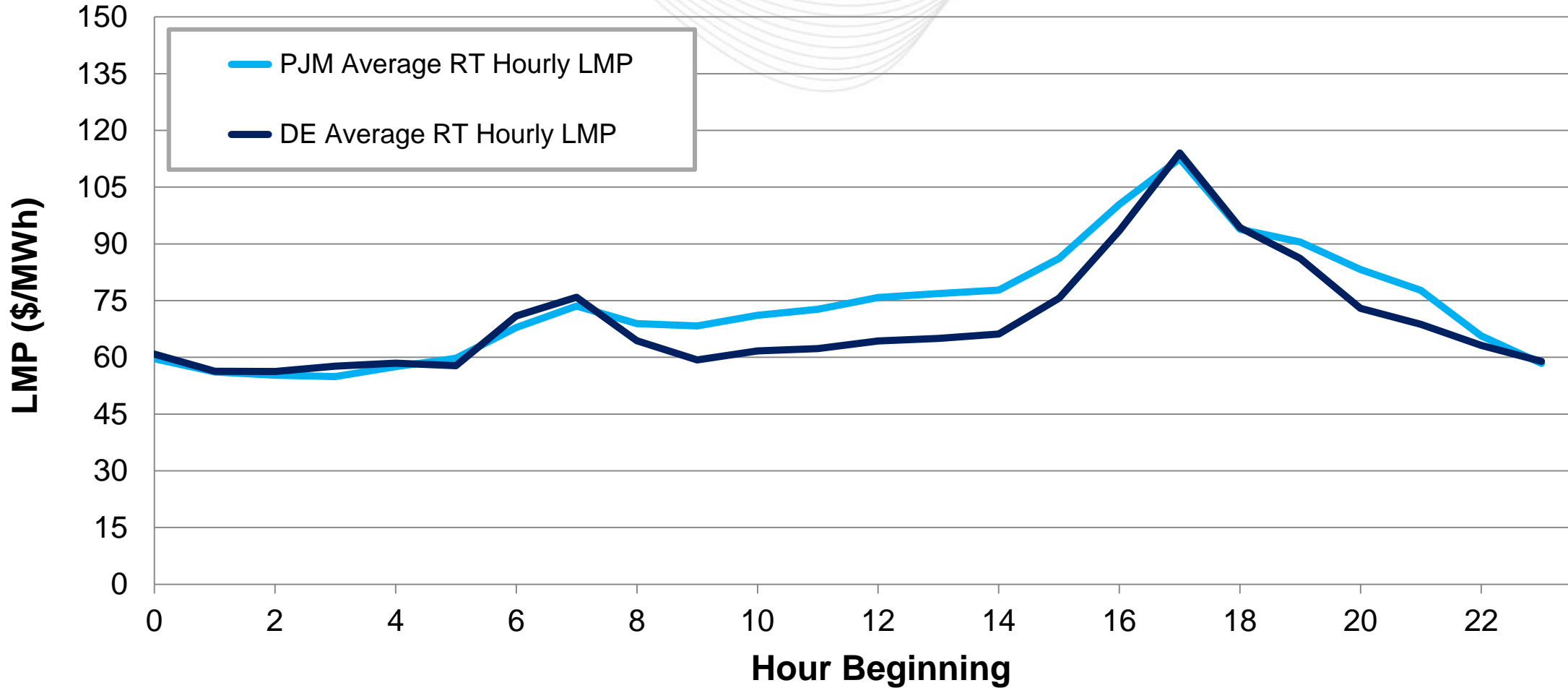
The summer and winter peak megawatt values reflect the estimated amount of forecast load to be served by each transmission owner in the noted state/district. Estimated amounts were calculated based on the average share of each transmission owner's real-time summer and winter peak load in those areas over the past five years.





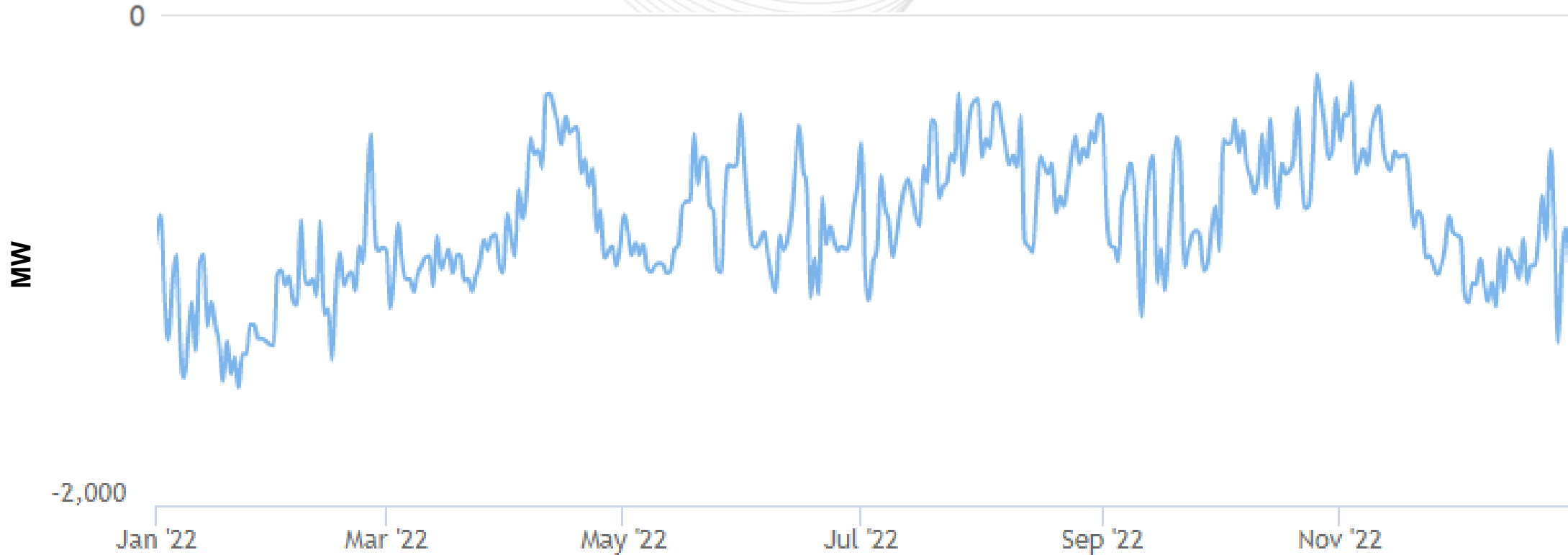
**Note:** The significant price spike in late Dec. 2022 was a result of Winter Storm Elliott's impact on system conditions.

Delaware's average hourly LMPs were generally at or lower than the PJM average hourly LMP.

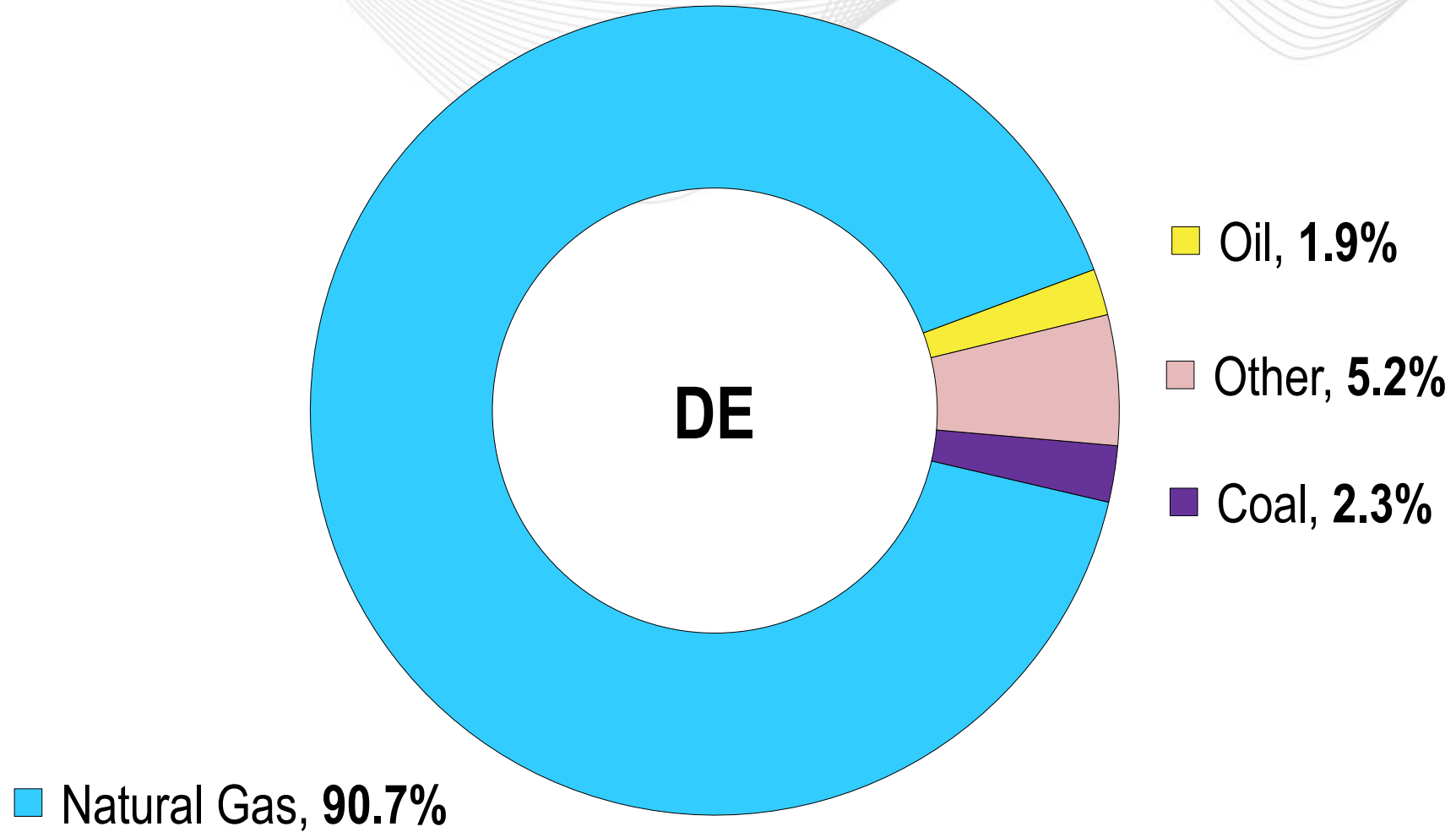


# Delaware – Net Energy Import/Export Trend

(Jan. 2022 – Dec. 2022)



Positive values represent exports and negative values represent imports.



The data in this chart comes from EIA Form 923 (2022).

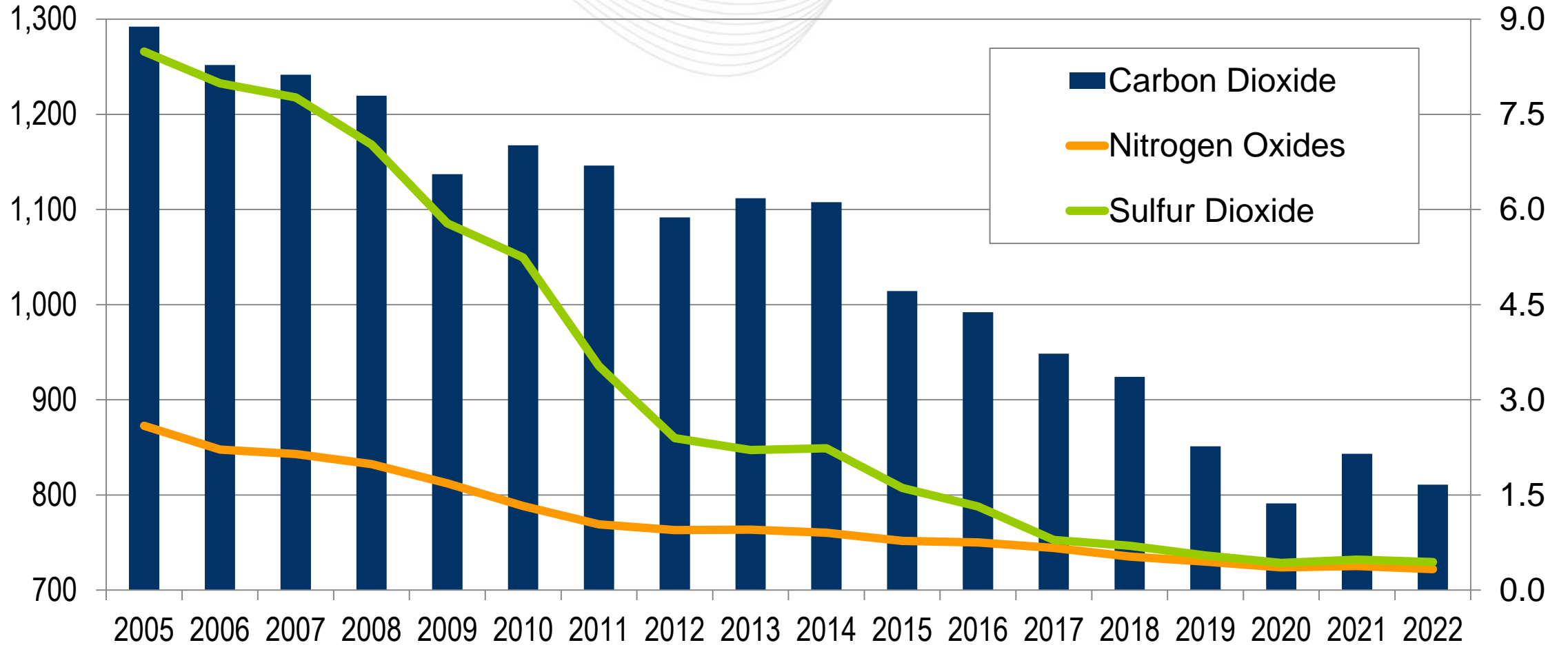


# 2005 – 2022 PJM Average Emissions

(March 2023)

**CO<sub>2</sub>**  
(lbs/MWh)

**SO<sub>2</sub> and NO<sub>x</sub>**  
(lbs/MWh)



# Delaware – Average Emissions (lbs/MWh)

(March 2023)

