



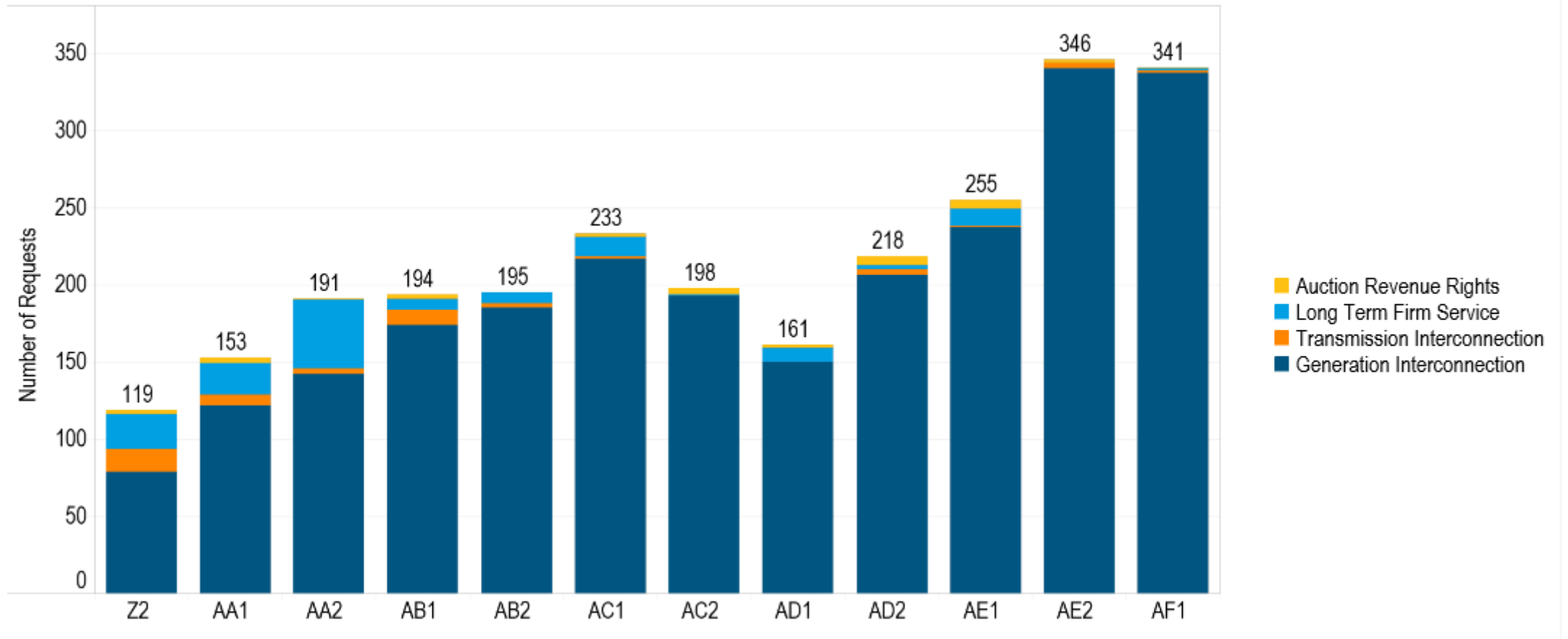
# PJM Interconnection Queue Status Update

Onyinye Caven  
Interconnection Projects  
November 14, 2019

- Queue Trends: Z2 (Nov 2013) – AF1 (Oct 2019)
- AF1 Queue Statistics

# Recent Queue Trends: Z2 – AF1

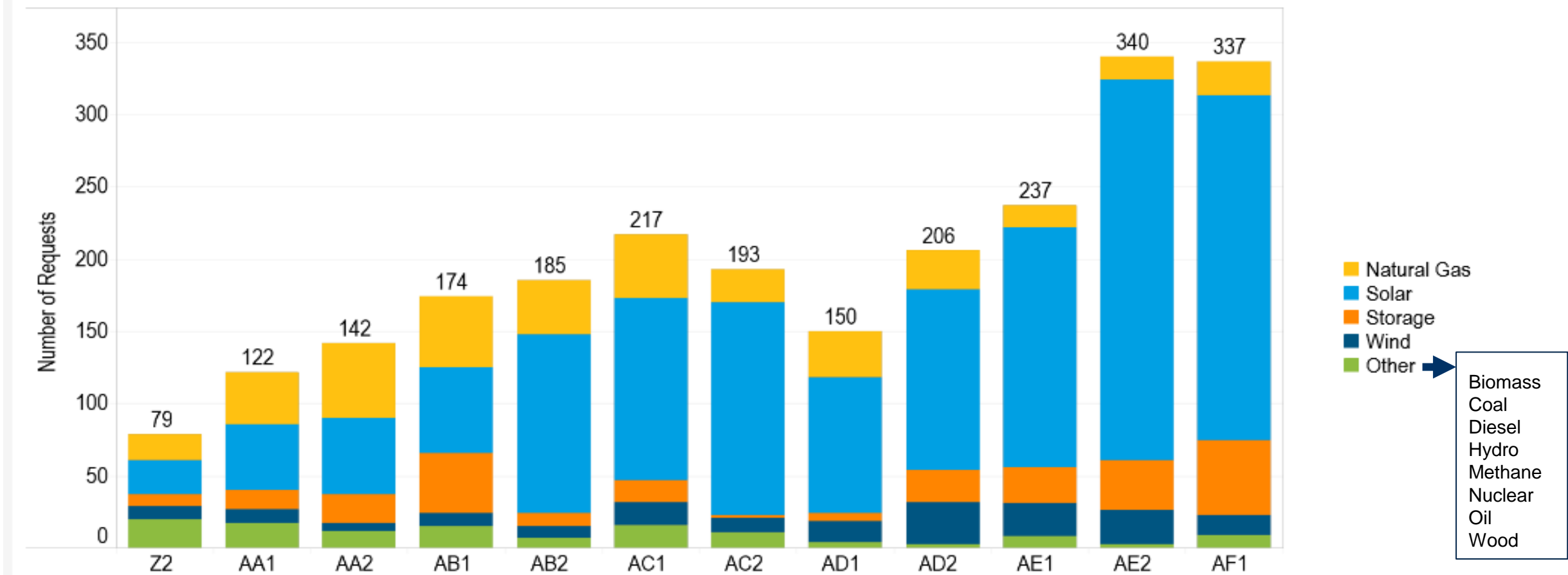
## Total New Service Requests by Application Type



New Service Requests steadily increased over the last 5 years, with a record 346 submitted in Queue AE2

# Recent Queue Trends: Z2 –AF1

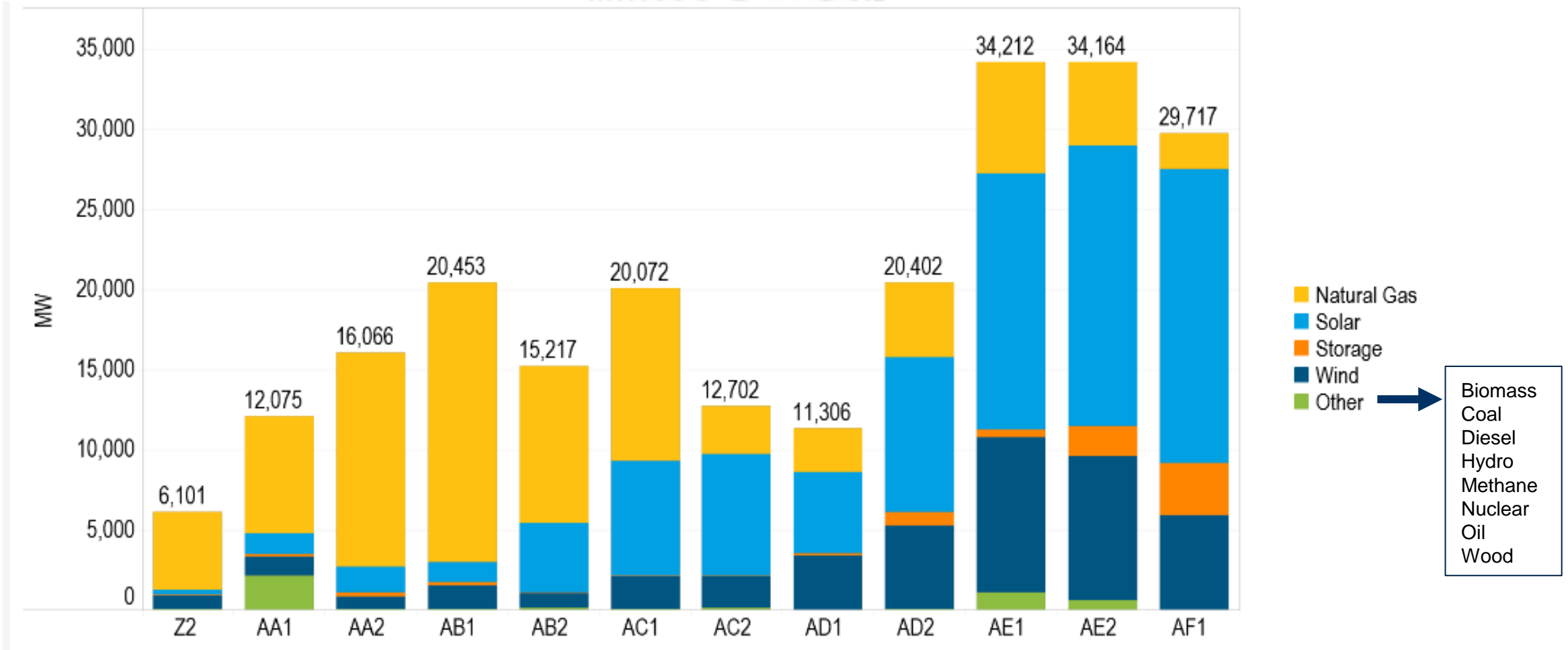
## Generation Interconnection Requests – Total Number



Trend shows shift from mostly Natural Gas Interconnection Requests to Renewables (Solar and Wind). Uptick in Energy Storage

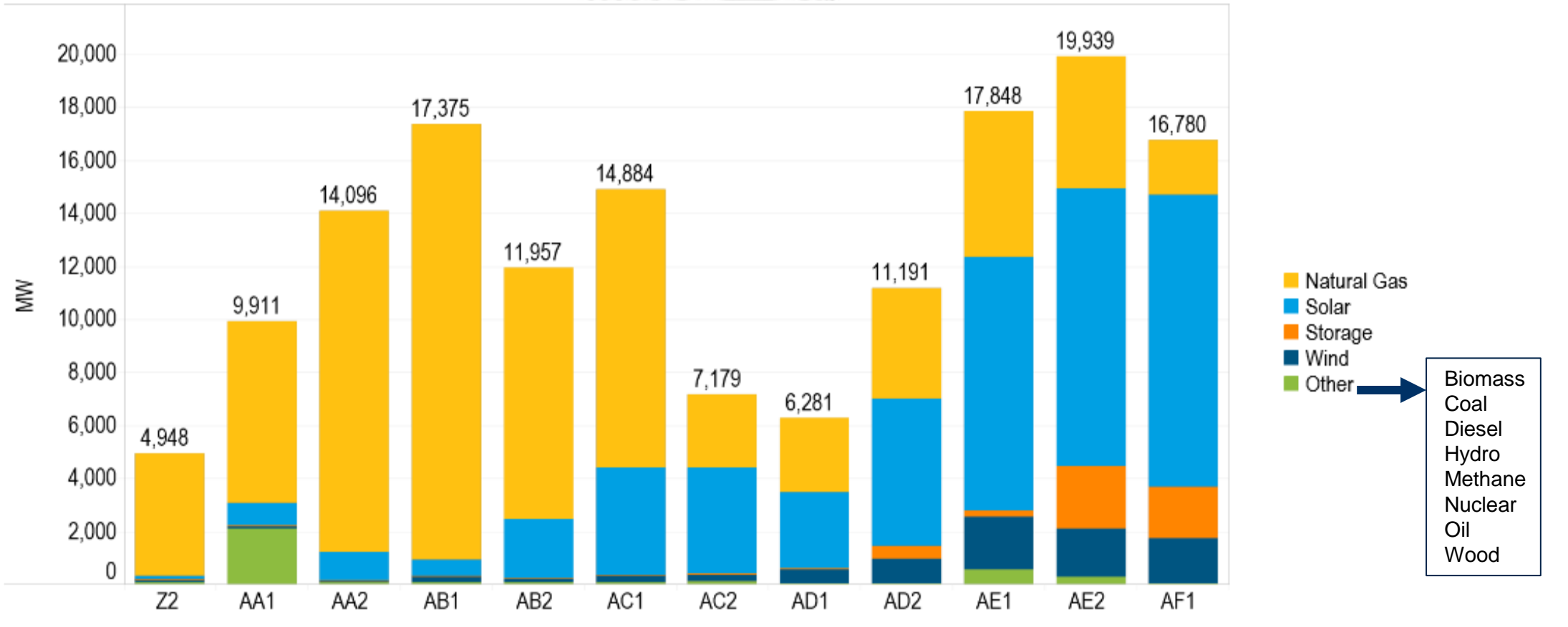
# Recent Queue Trends: Z2 – AF1

## Generation Interconnection Requests – Requested Energy



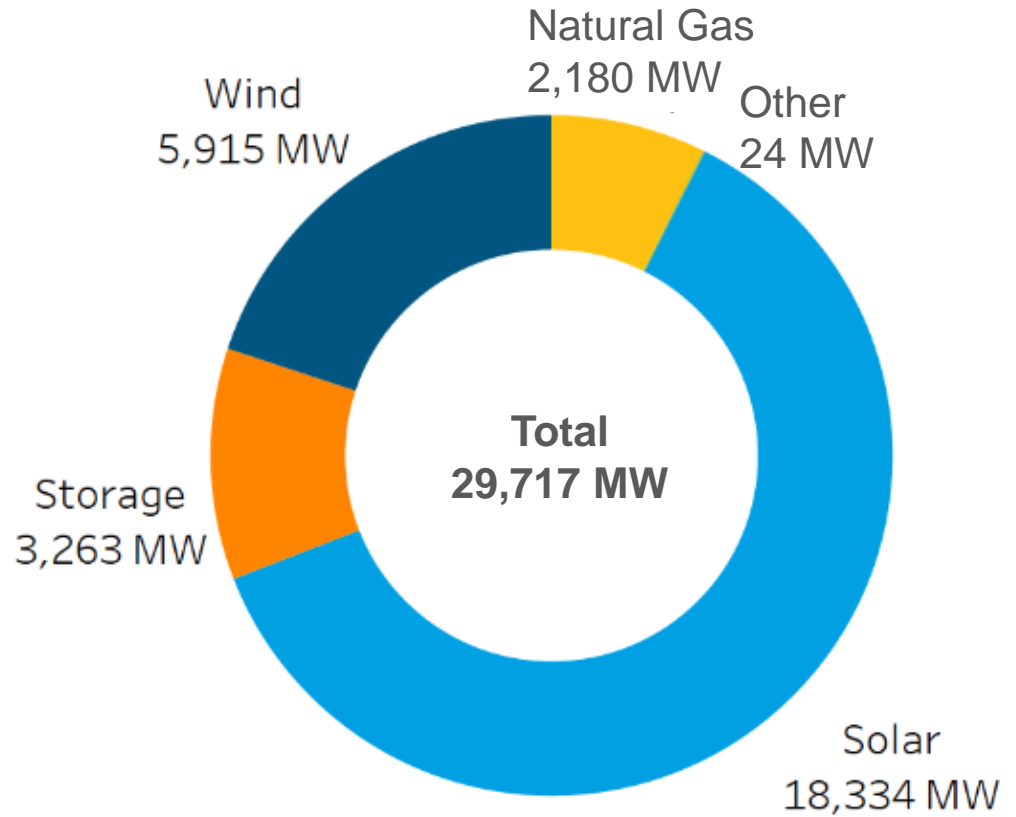
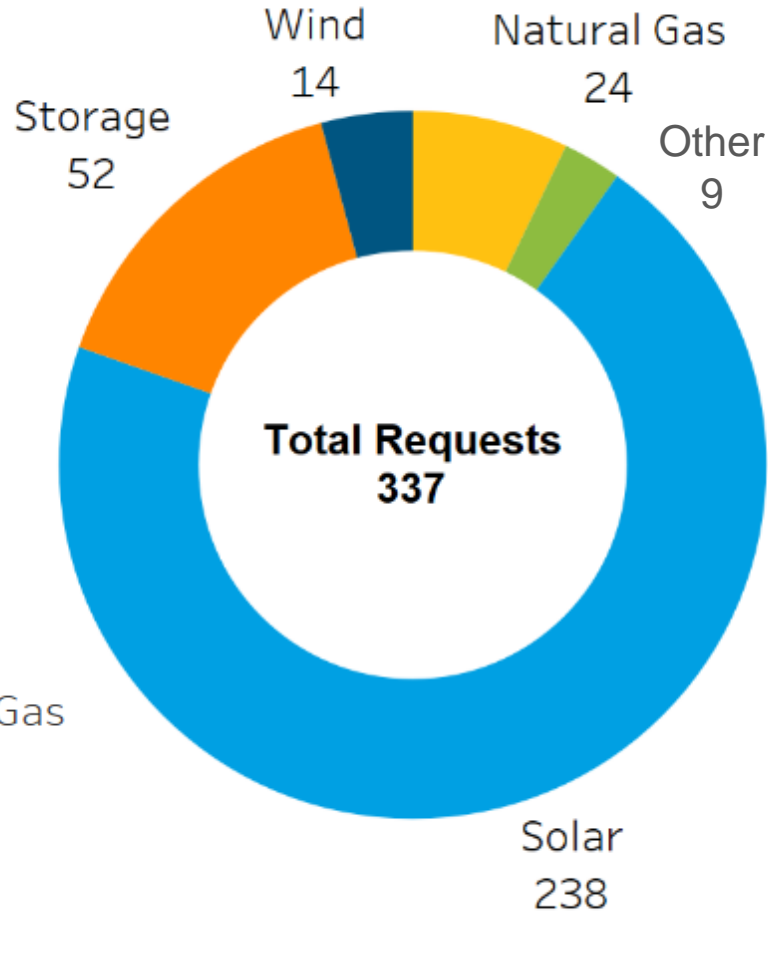
# Recent Queue Trends: Z2 – AF1

## Generation Interconnection Requests – Requested CIRs



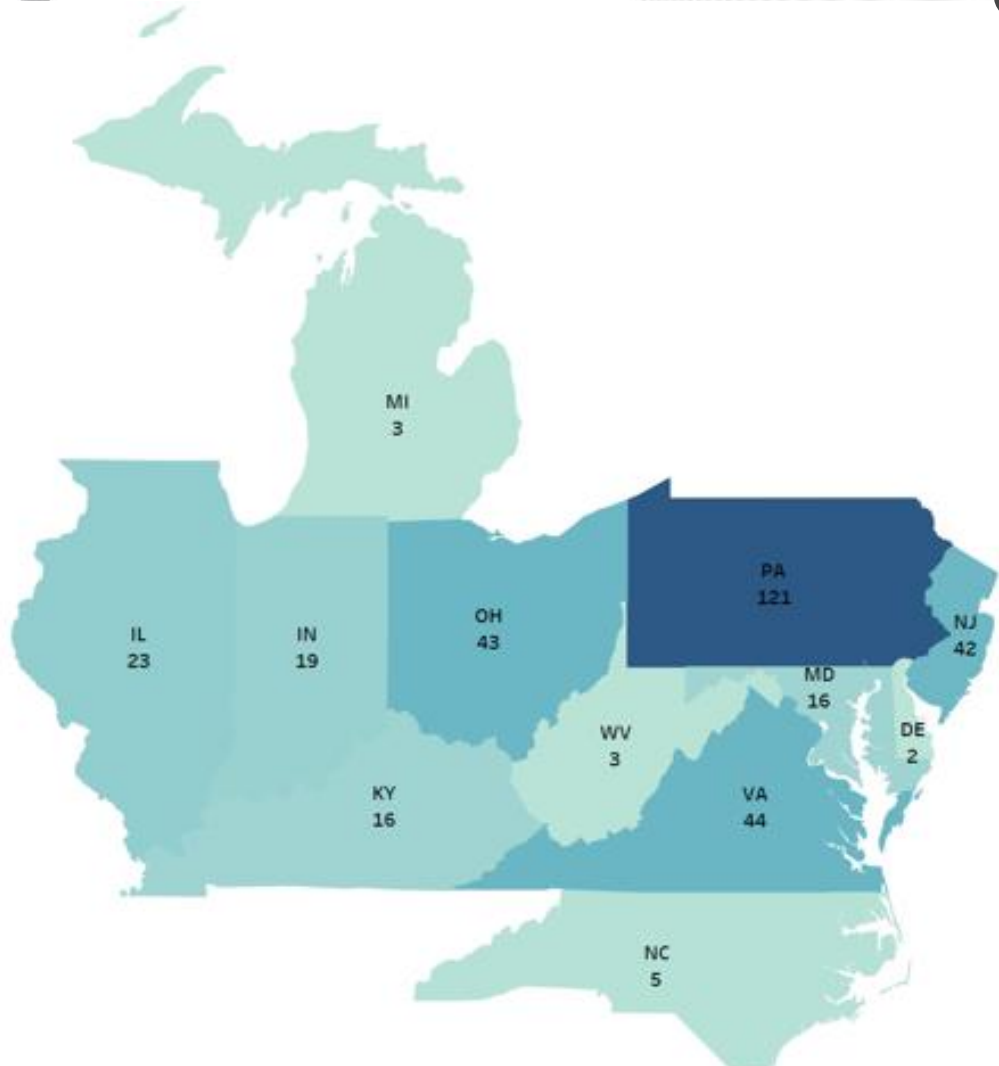
# AF1 Queue Statistics

(Generation Interconnection Requests)



Majority of the requests were Solar, in terms of numbers and MW requested



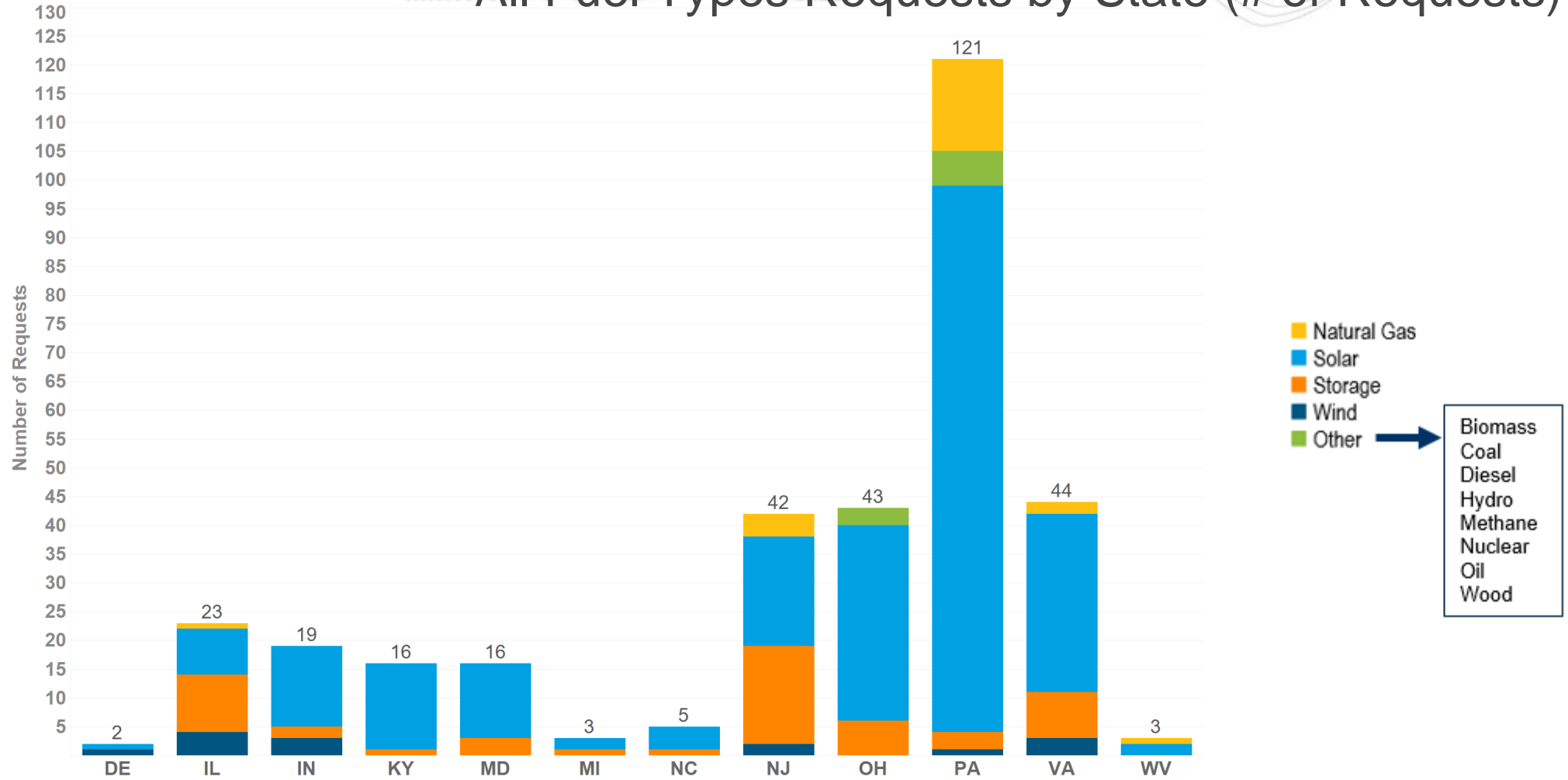


Number of Requests

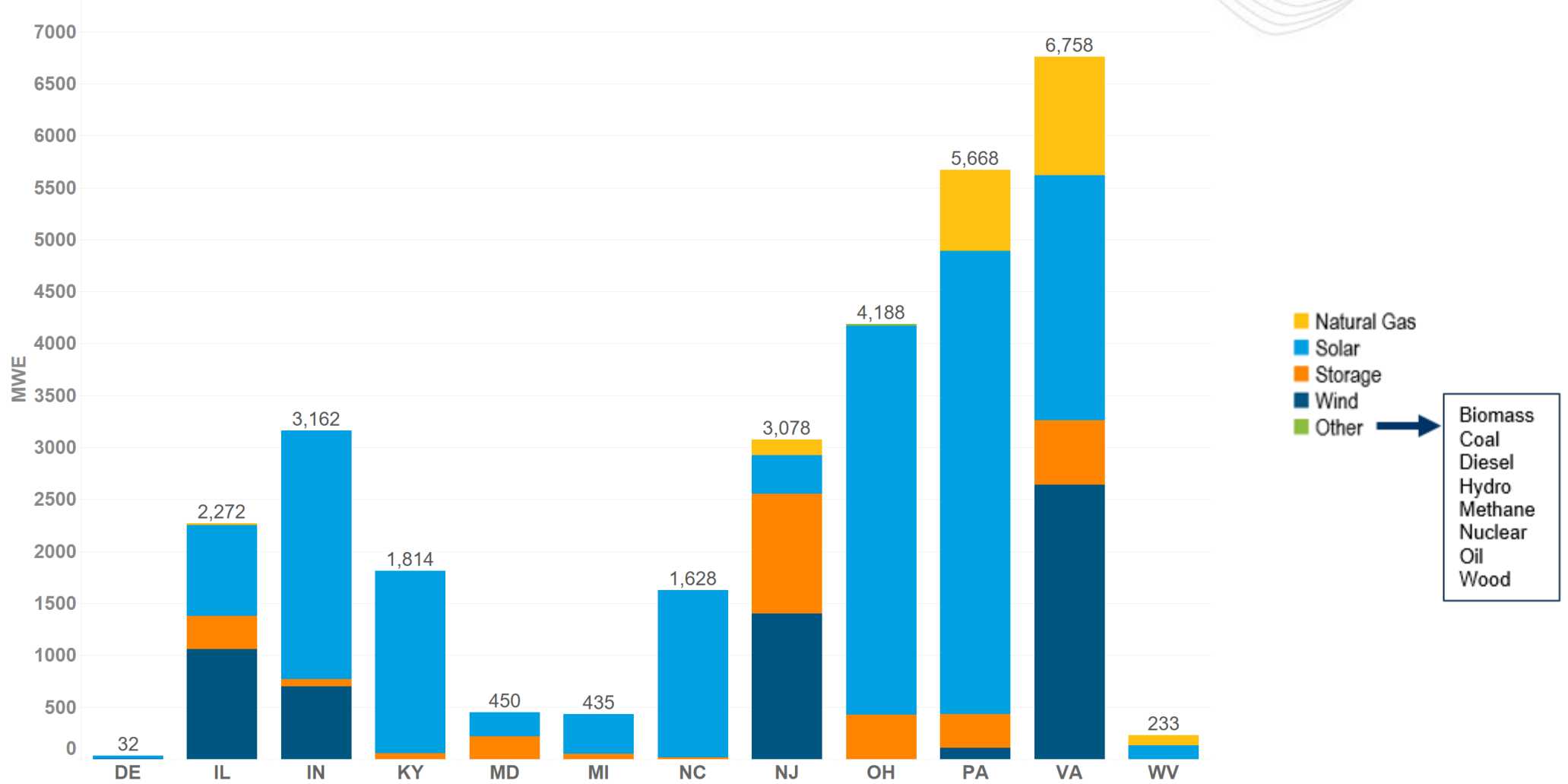


MW of Energy

## All Fuel Types Requests by State (# of Requests)



Although PA had the highest number of requests, most were smaller solar projects

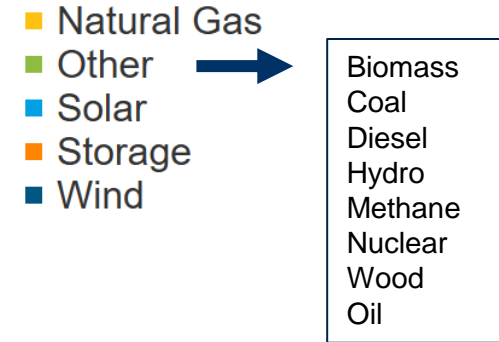
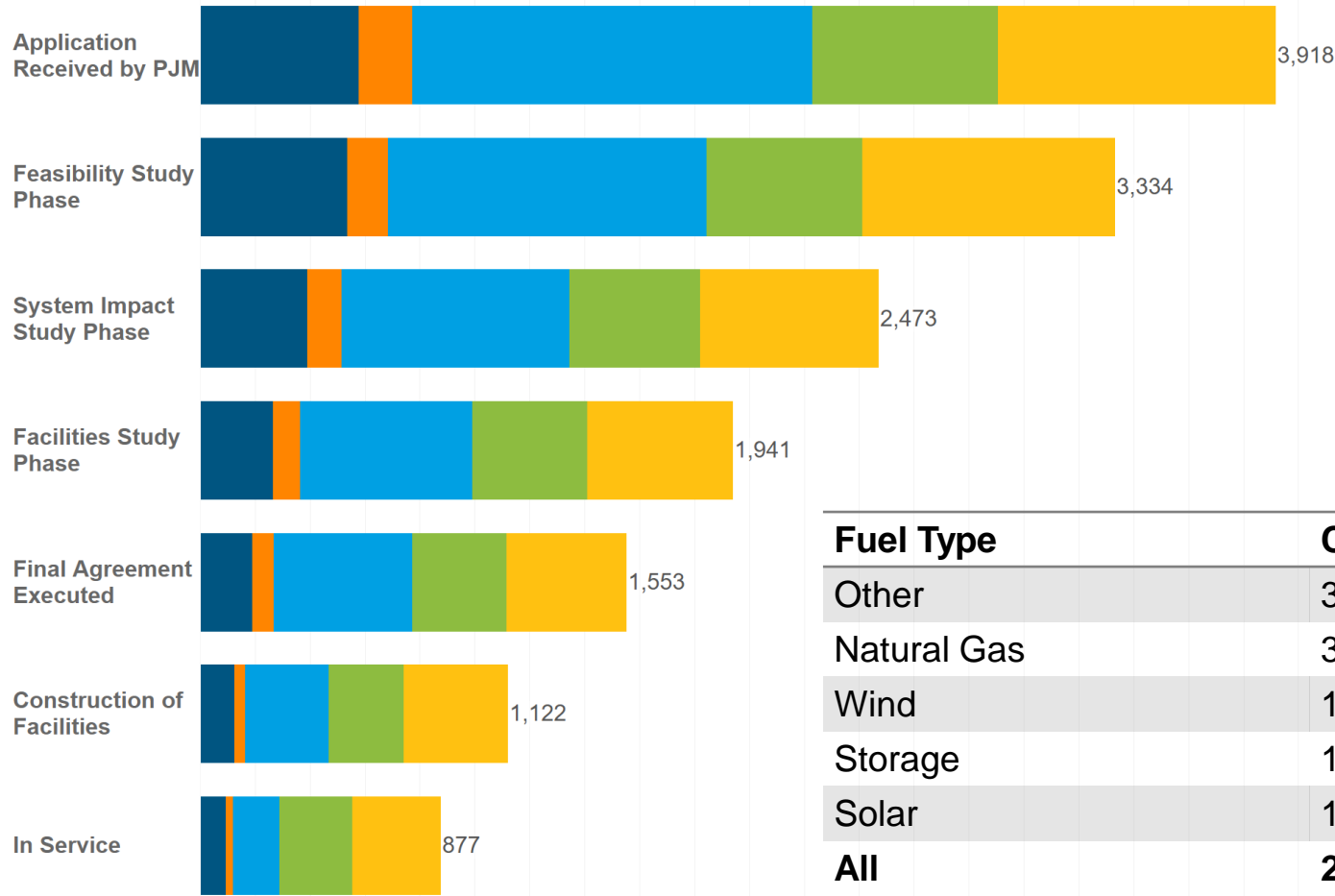


The bulk of the MW requested were in VA

# Appendix

# Generation Phase Progression: A – AF1

## All Generation Requests



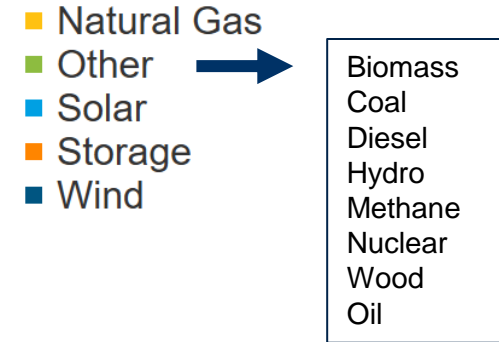
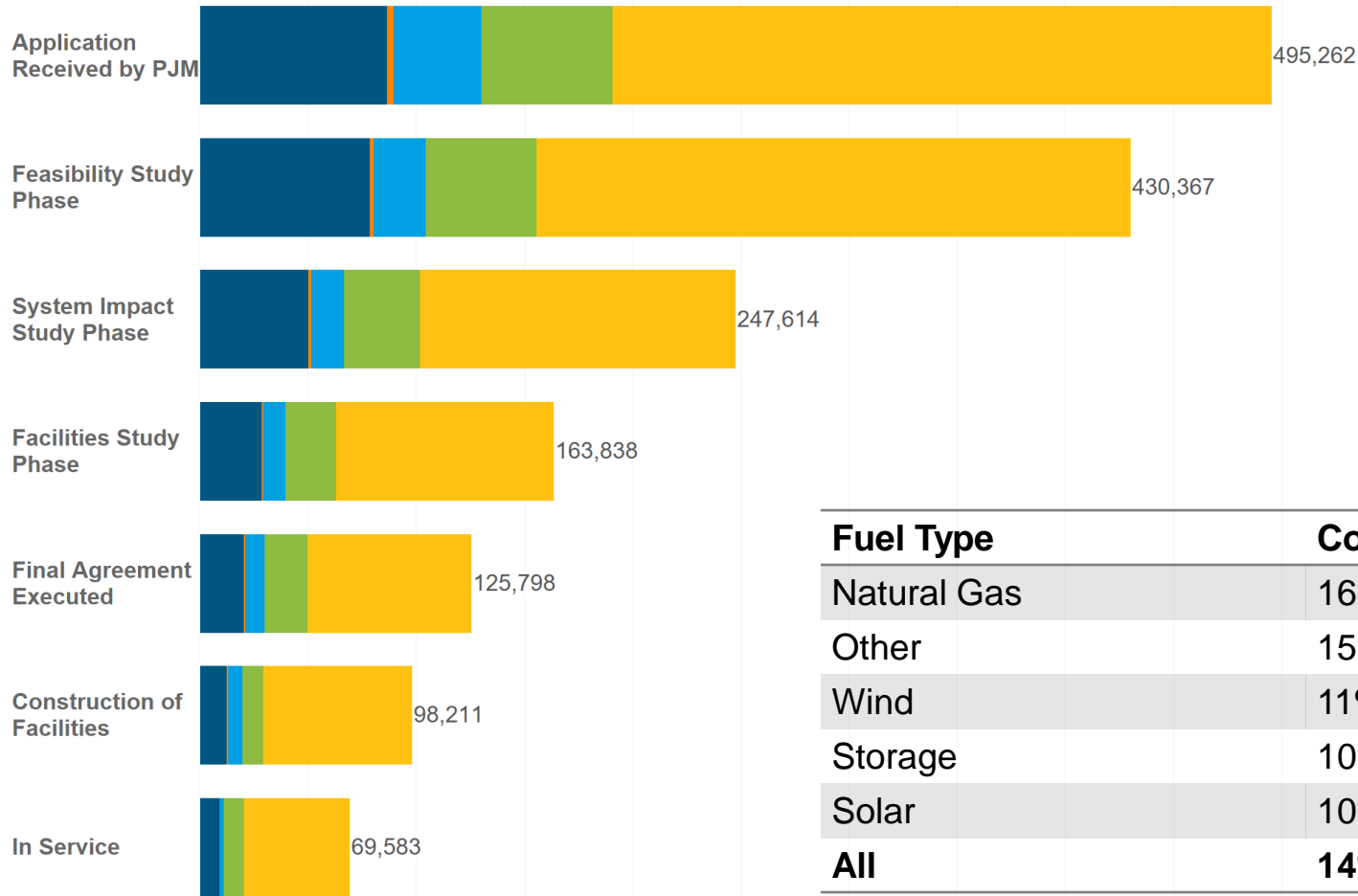
Fuel Type	Completion Rate*
Other	39%
Natural Gas	32%
Wind	16%
Storage	13%
Solar	12%
<b>All</b>	<b>22%</b>

Number of Projects

\*Completion Rate = In Service / Application Received by PJM

# Generation Phase Progression: A – AF1

## All Generation Requests



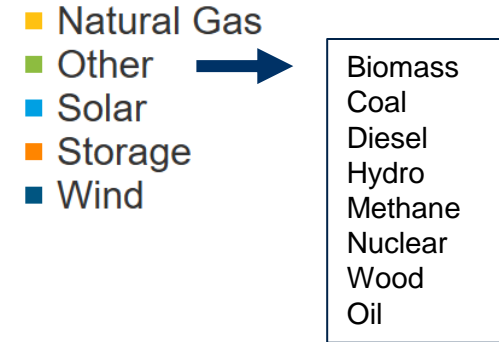
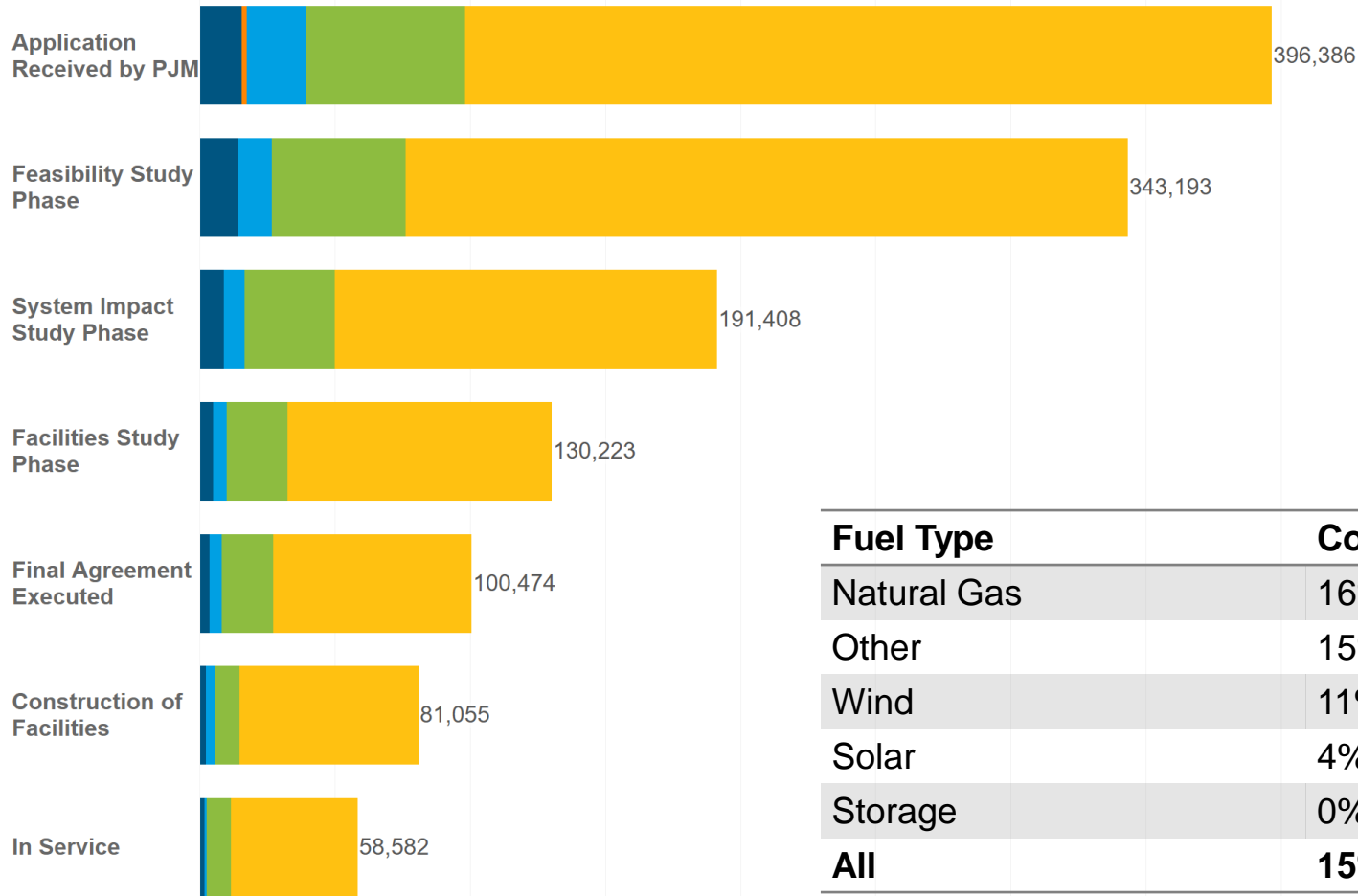
Fuel Type	Completion Rate
Natural Gas	16%
Other	15%
Wind	11%
Storage	10%
Solar	10%
<b>All</b>	<b>14%</b>

MW Energy

\*Completion Rate = In Service / Application Received by PJM

# Generation Phase Progression: A – AF1

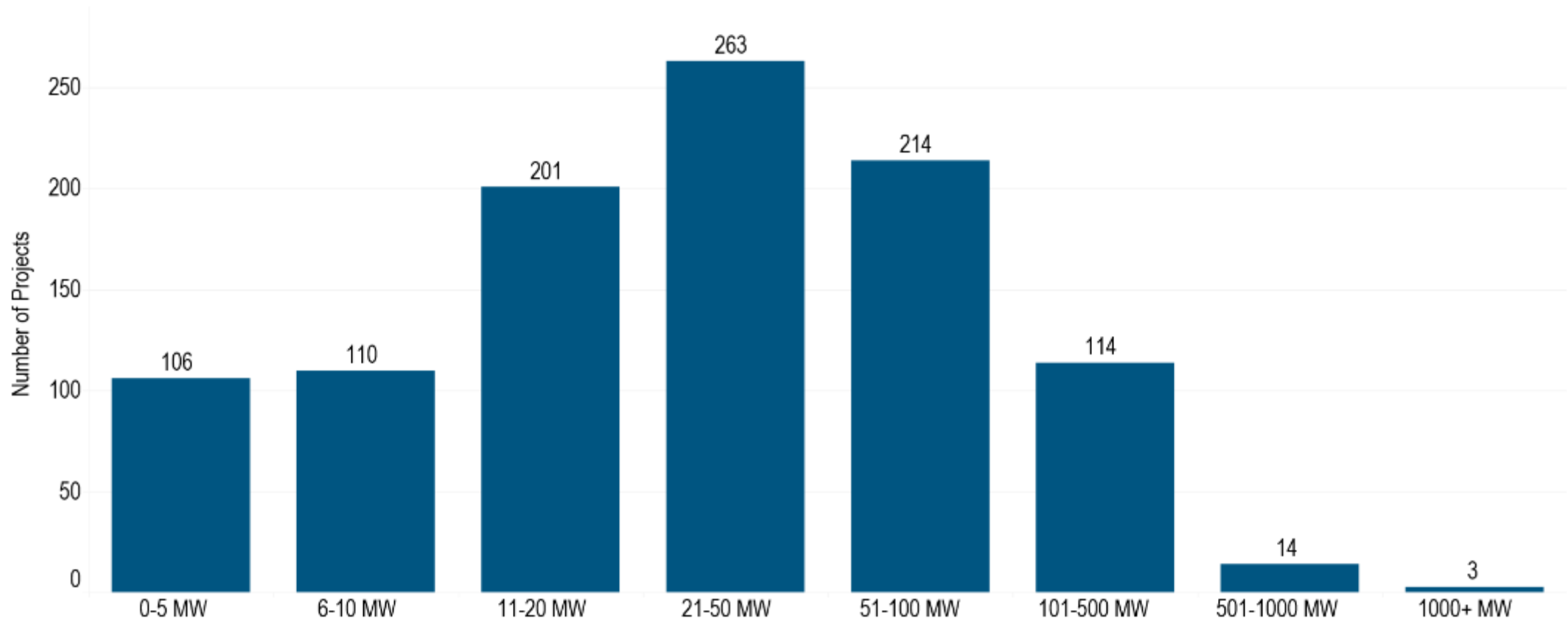
## All Generation Requests



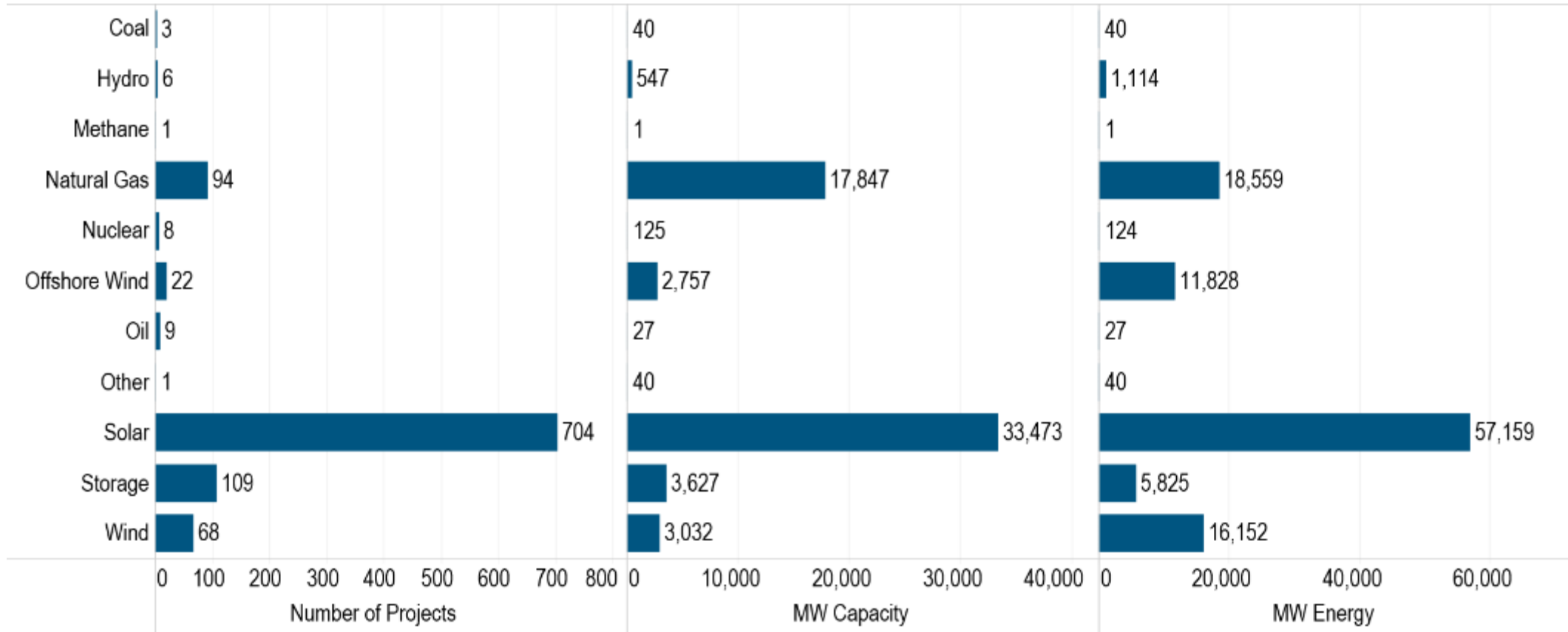
Fuel Type	Completion Rate
Natural Gas	16%
Other	15%
Wind	11%
Solar	4%
Storage	0%
<b>All</b>	<b>15%</b>

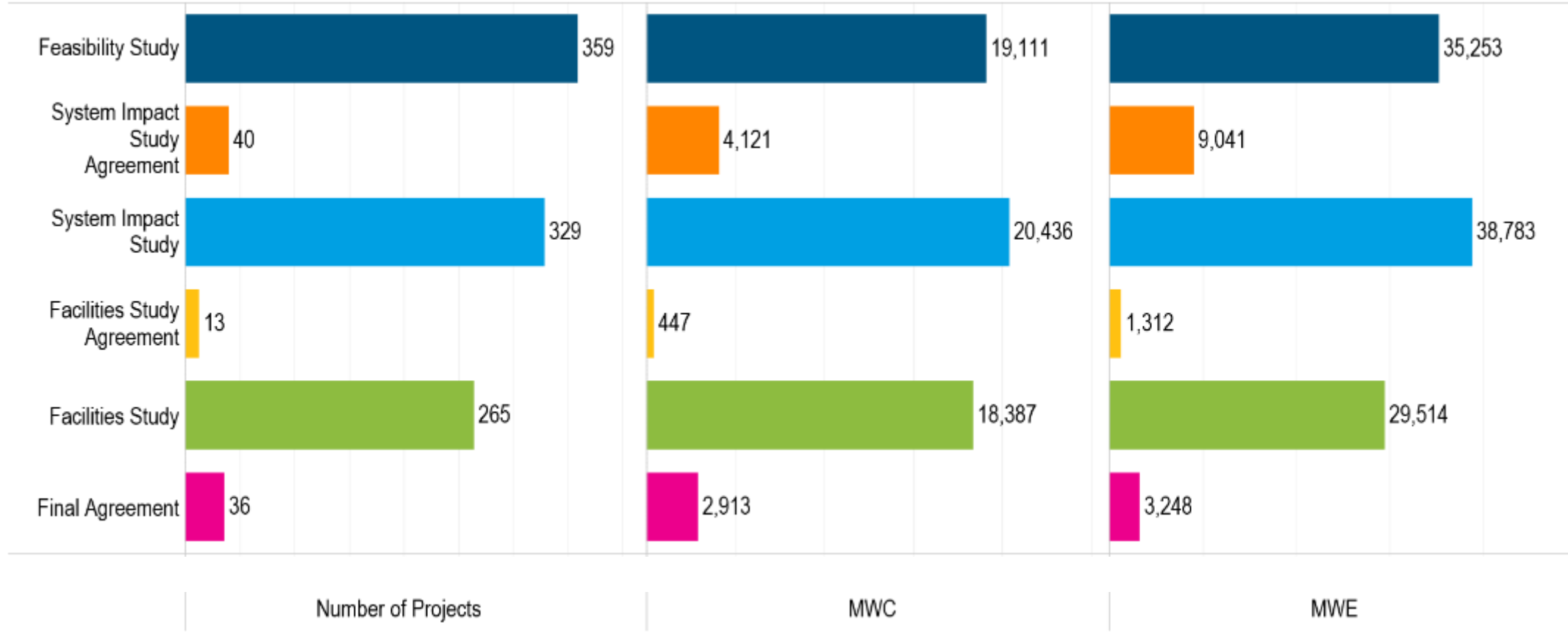
MW Capacity

\*Completion Rate = In Service / Application Received by PJM









# Active Projects in the Queue Distribution by Transmission Owner Zone

