



# Cold Weather Summary

## December 26, 2017 – January 7, 2018

TOA-AC

February 15, 2018

Ken Seiler

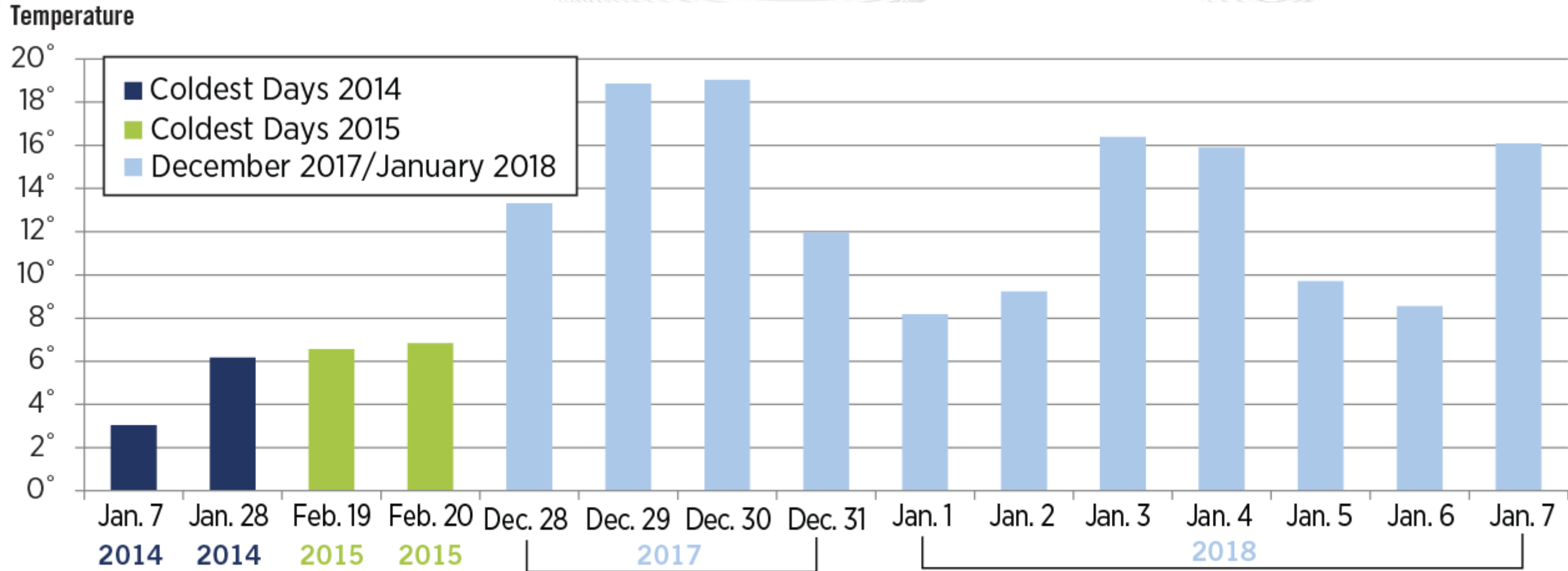
Executive Director: System Operations

December	Zone
26	ComEd
27	Western
28	Western
30	Western
31	Western

January	Zone
1	RTO
2	RTO
3	Western
4	Western*
5	RTO*
6	RTO
7	RTO

**\* Heavy Load Voltage Schedule Warnings and Actions** were issued January 4 and January 5 to maximize internal EHV transfer capability

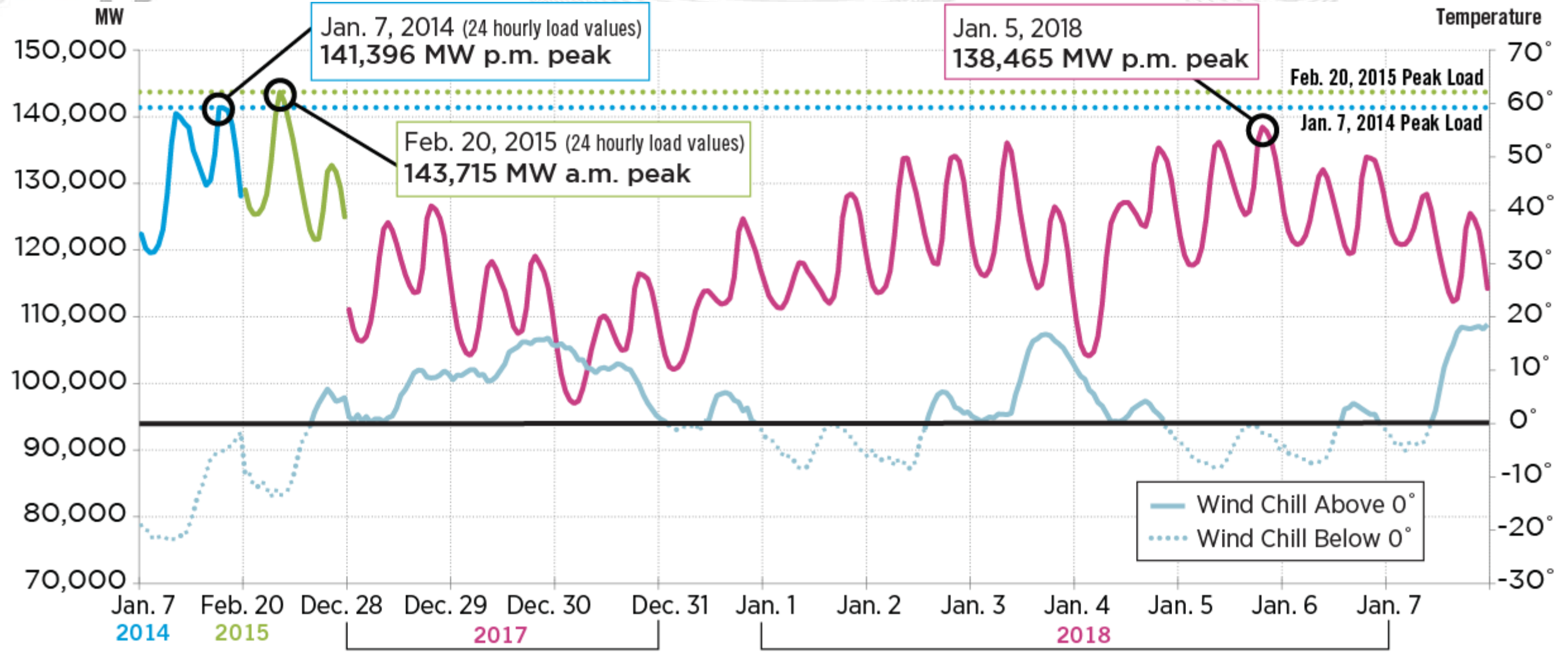
There were no reserve shortages, shortage pricing or Performance Assessment Intervals



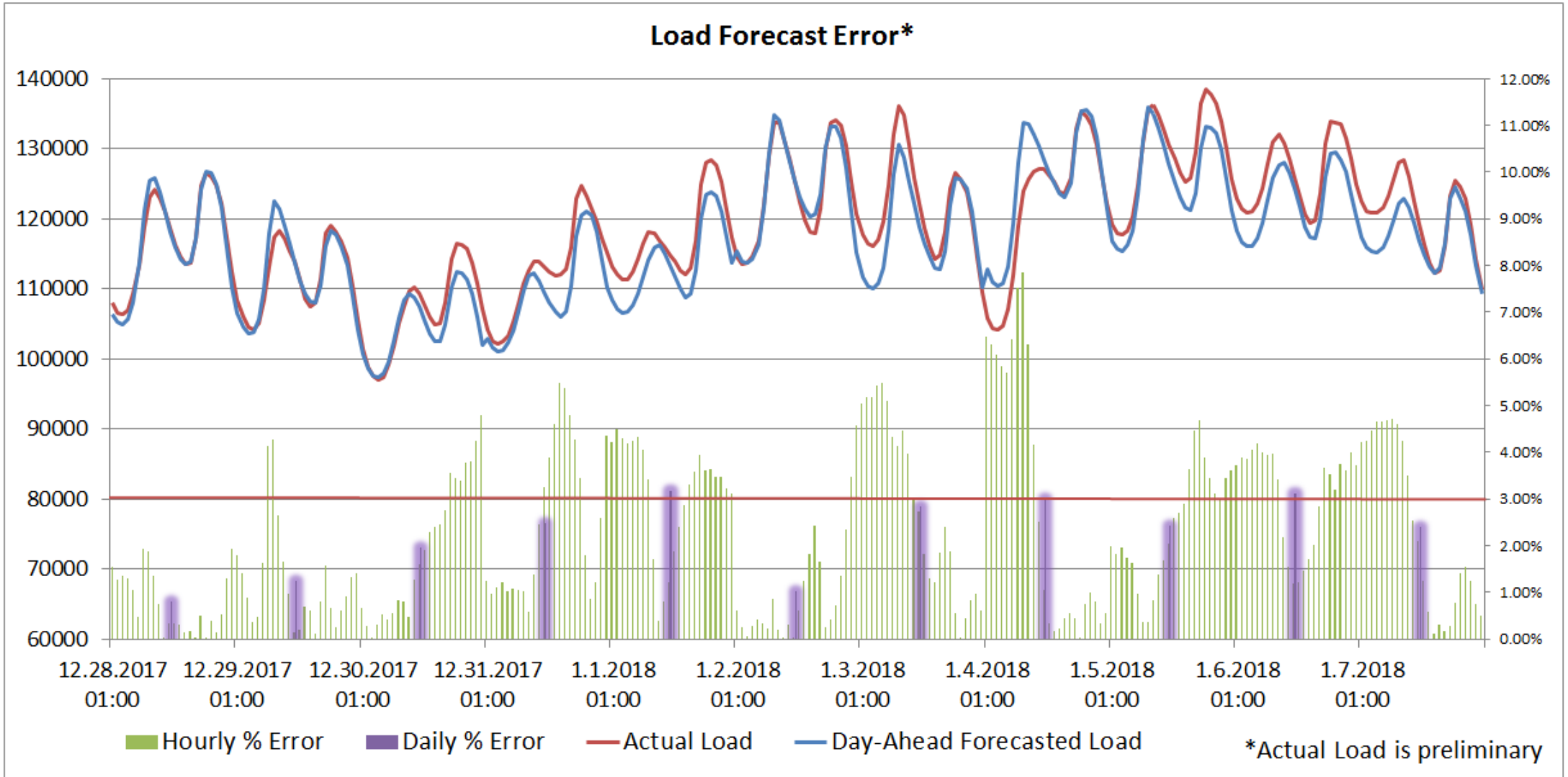
Note: Preliminary load values; RTO average wind chill is mean of 32 weather stations

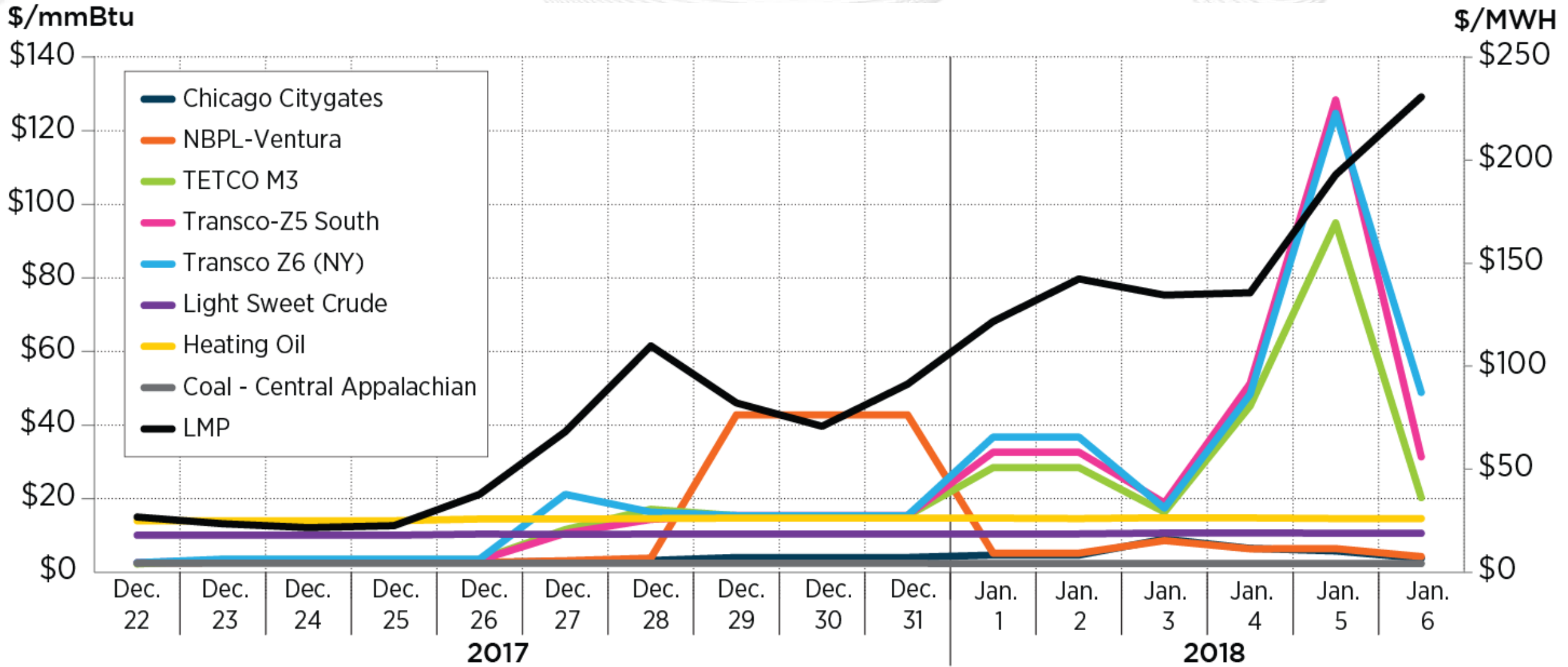


# RTO Hourly Load and Wind Chill

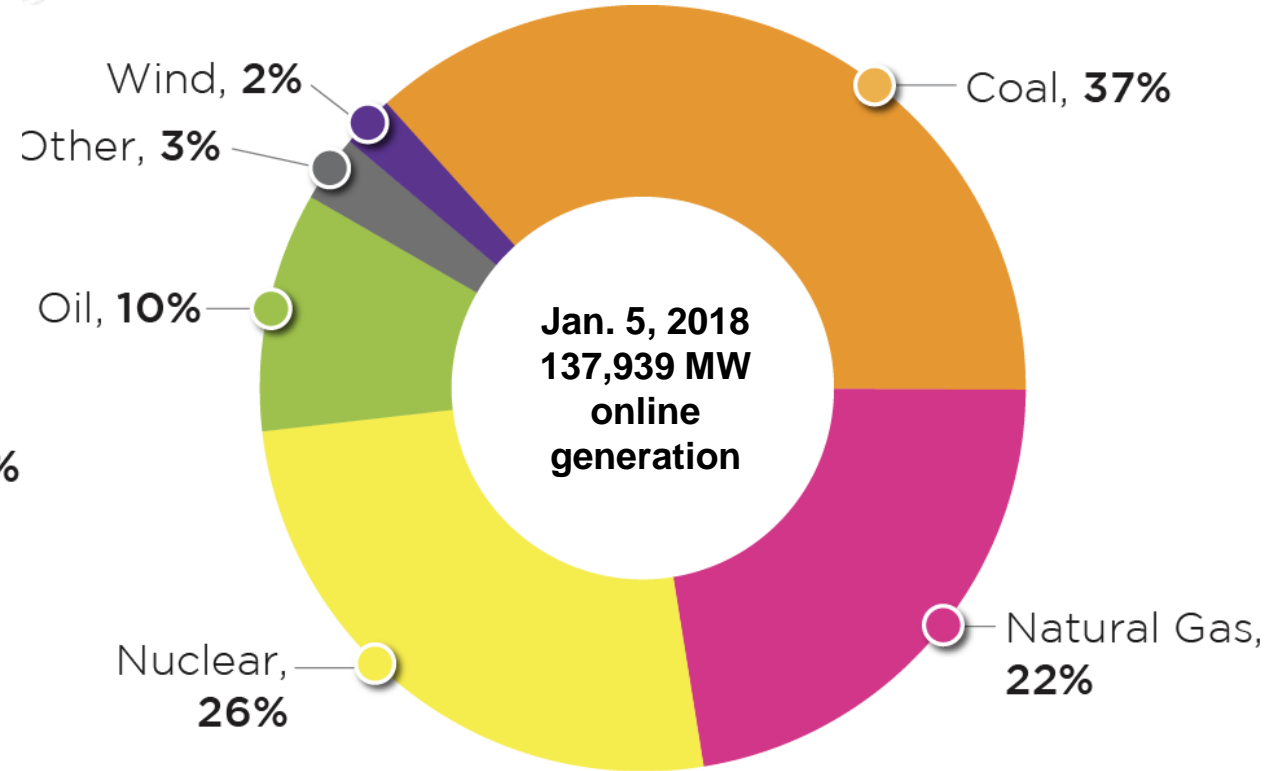
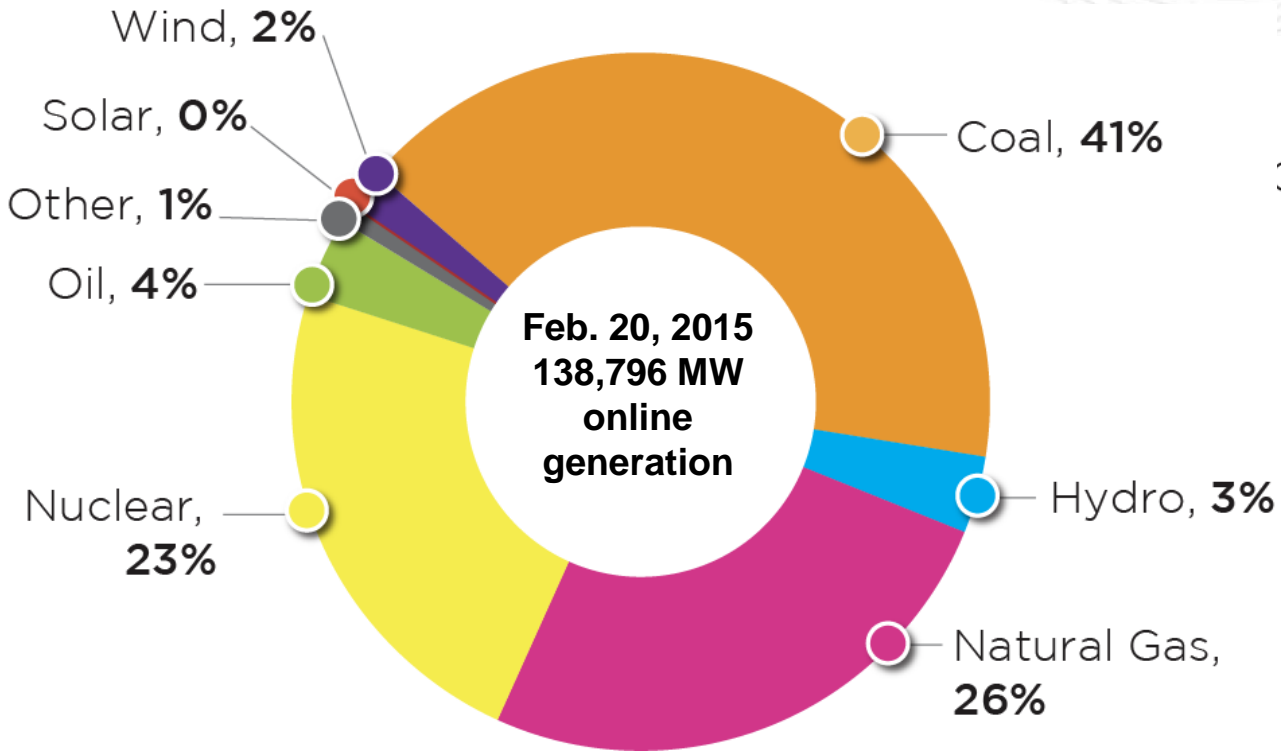


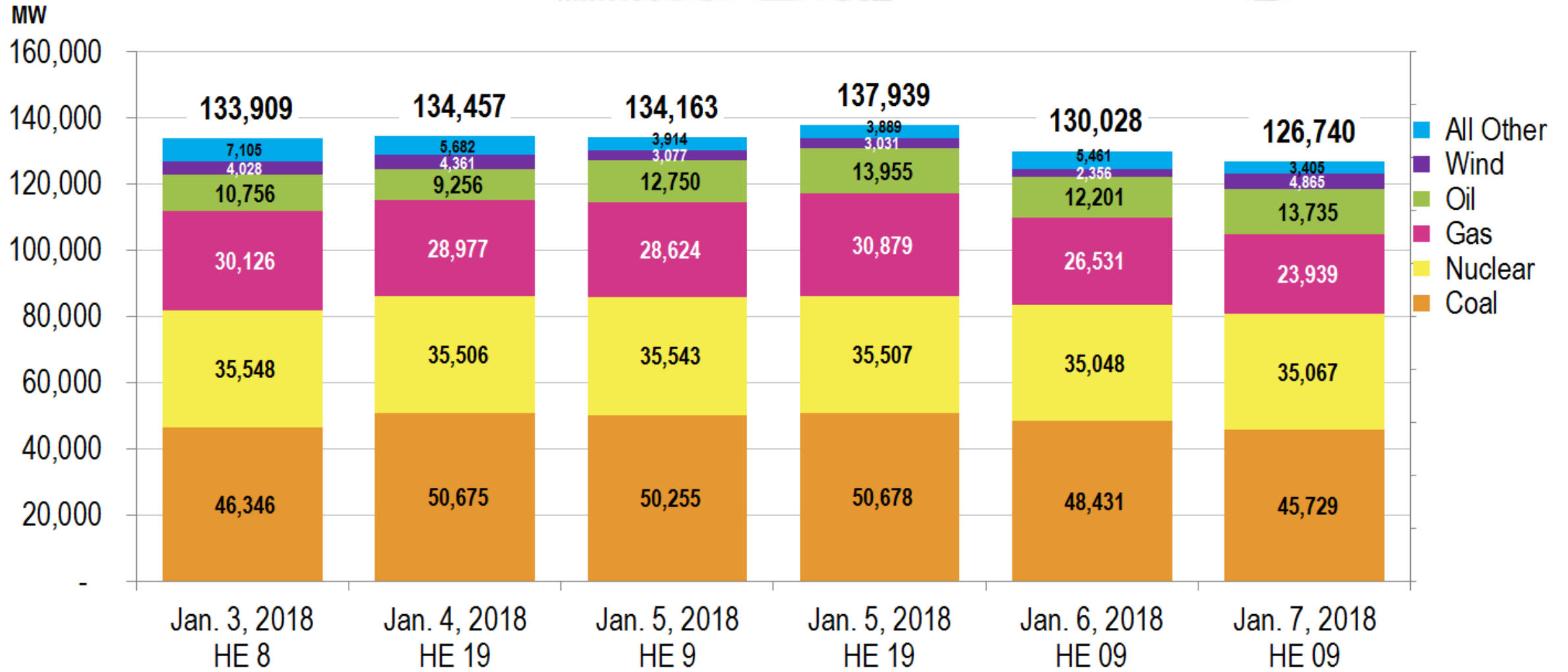
Note: Preliminary load values; RTO average wind chill is mean of 32 weather stations



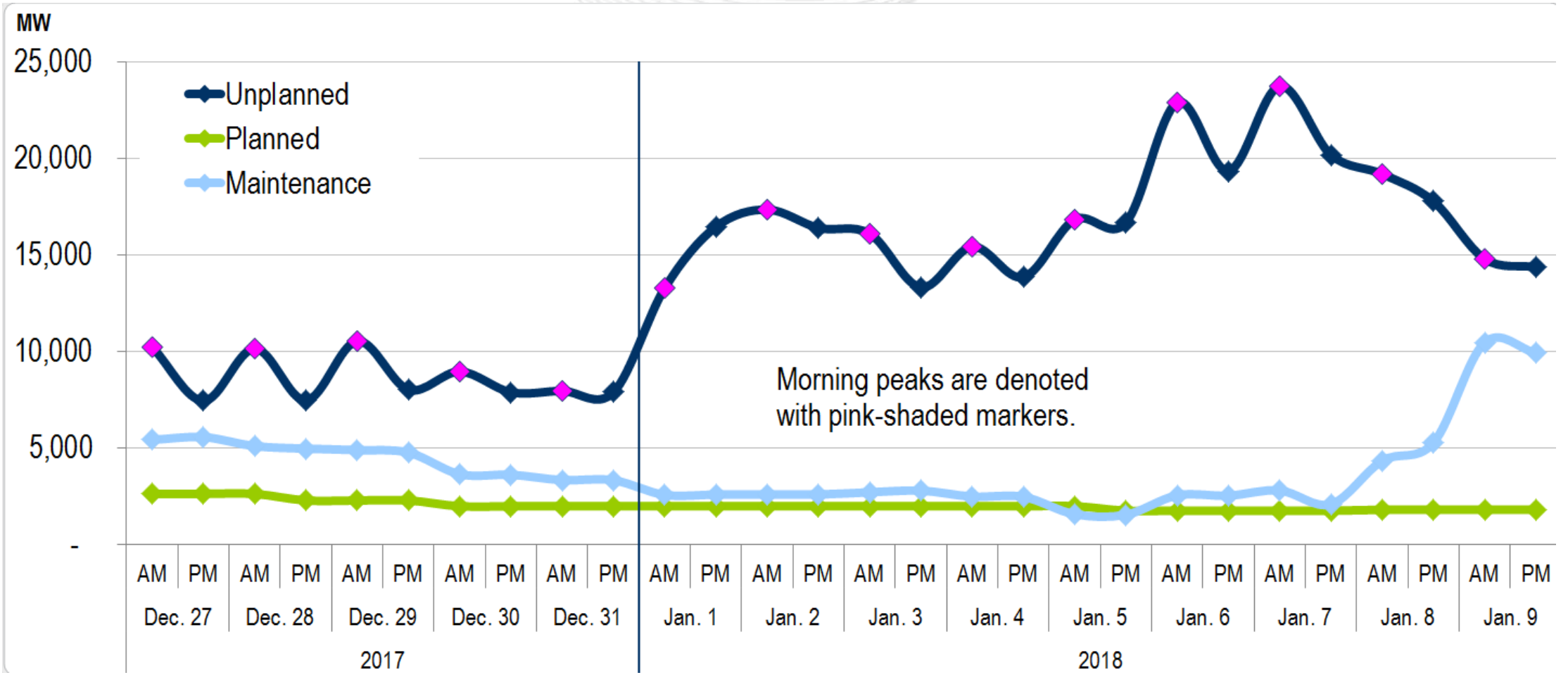


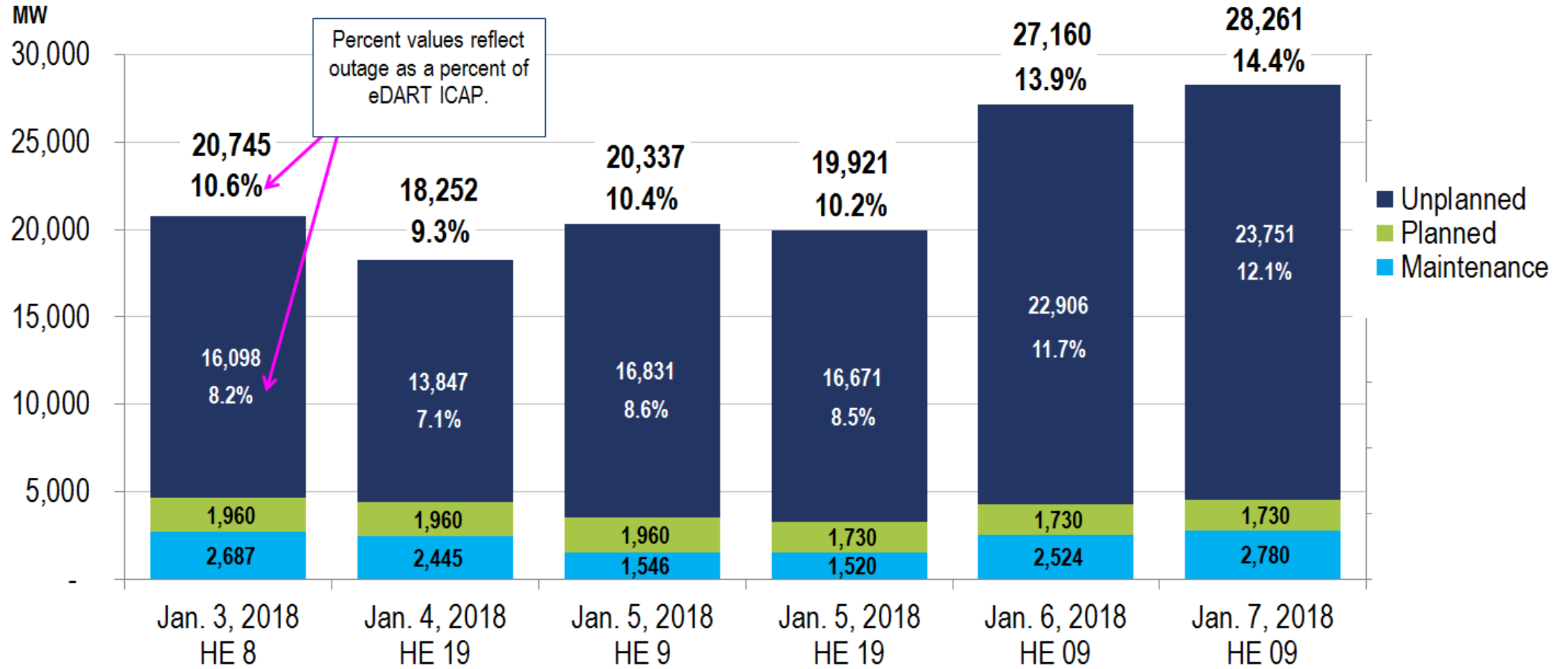
# 2015 vs 2018 Online Fuel Mix (peak)

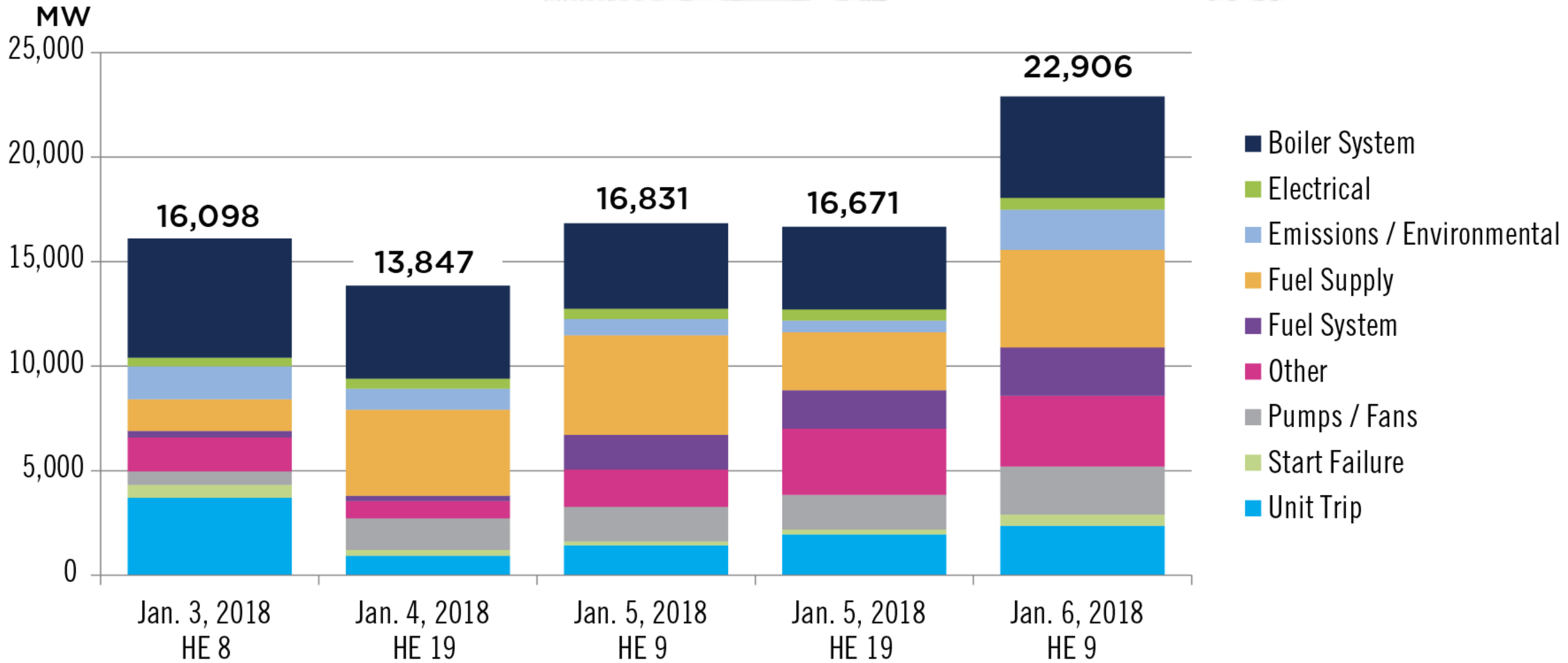




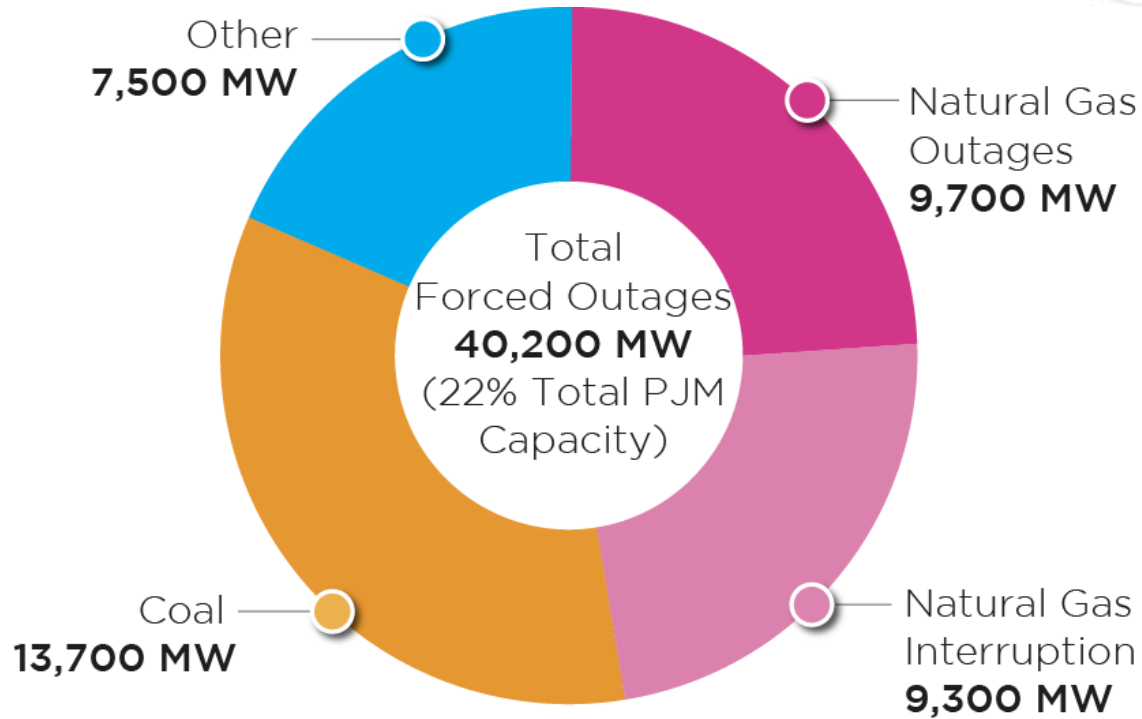




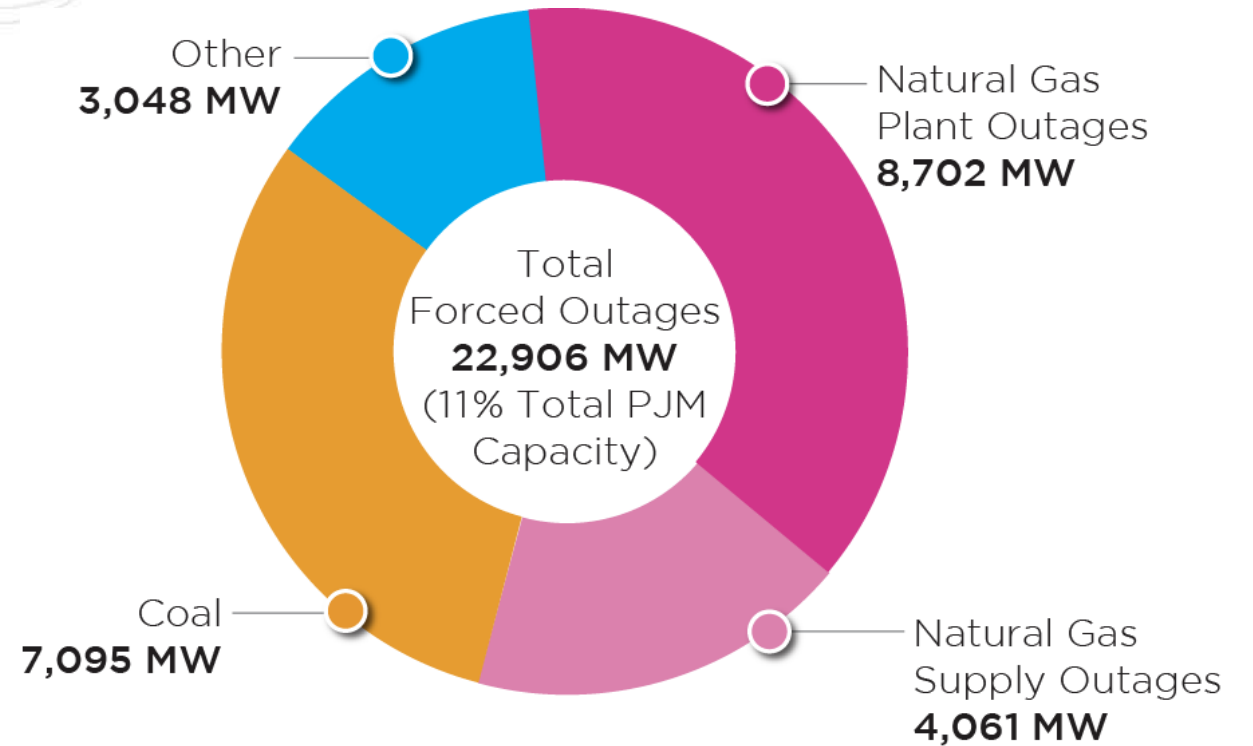




## Jan. 7, 2014



## Jan. 6, 2018

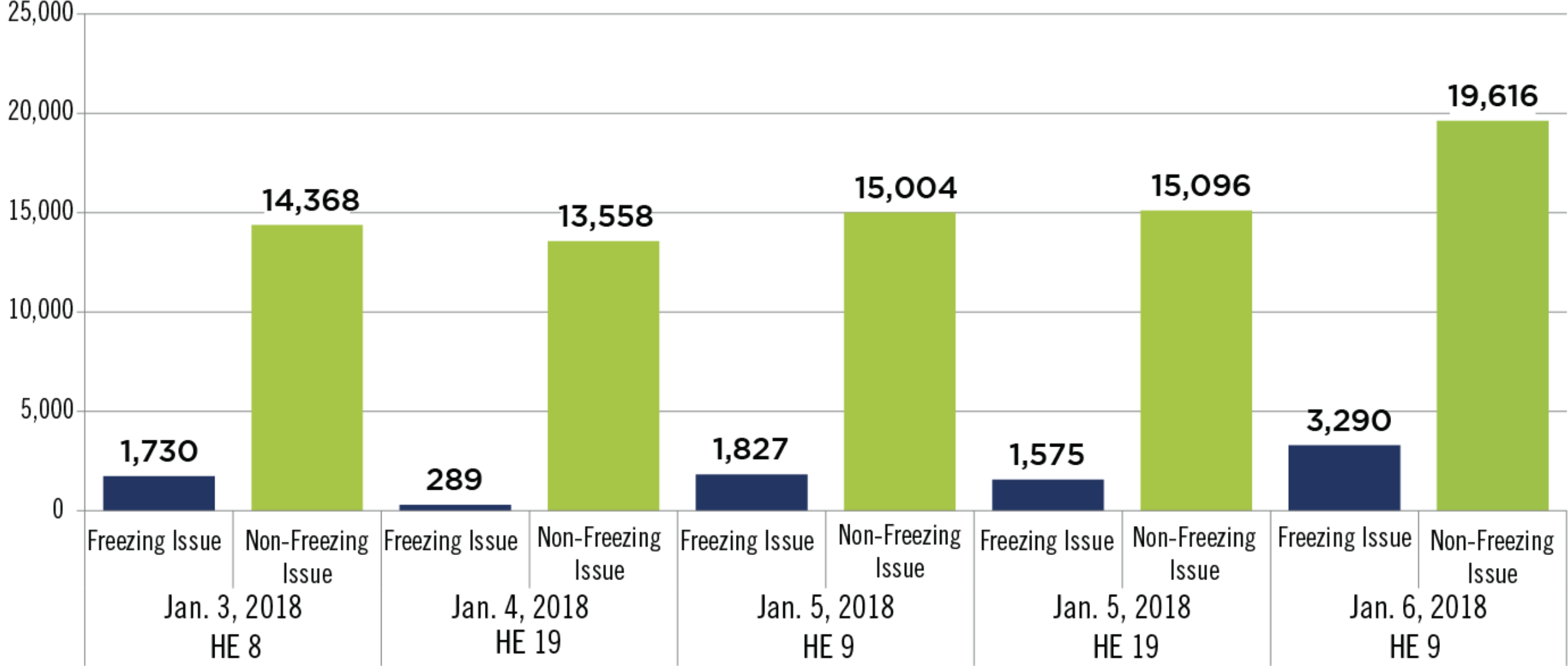


Jan. 6, 2018 is based on preliminary eDART data.



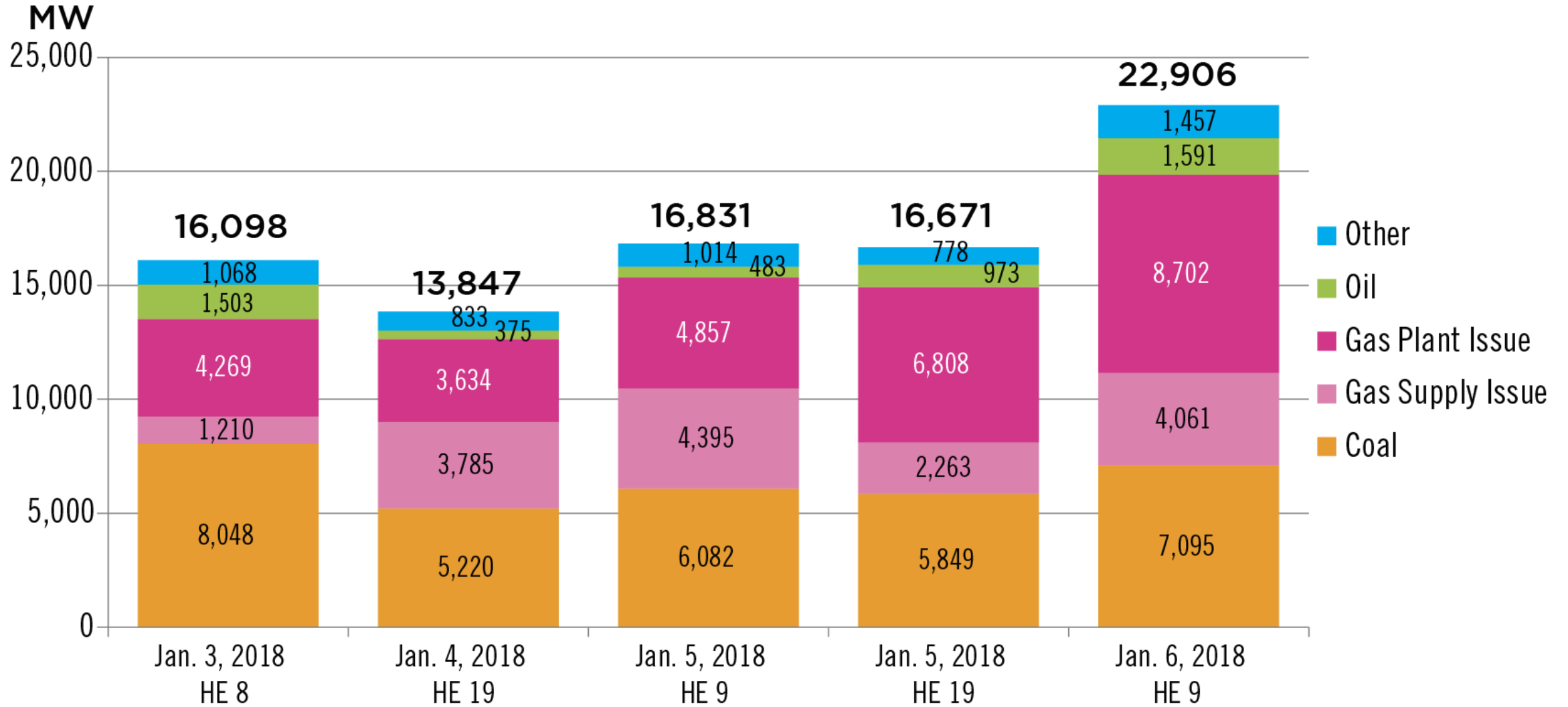
MW

# Unplanned Outages (Freezing impacts)

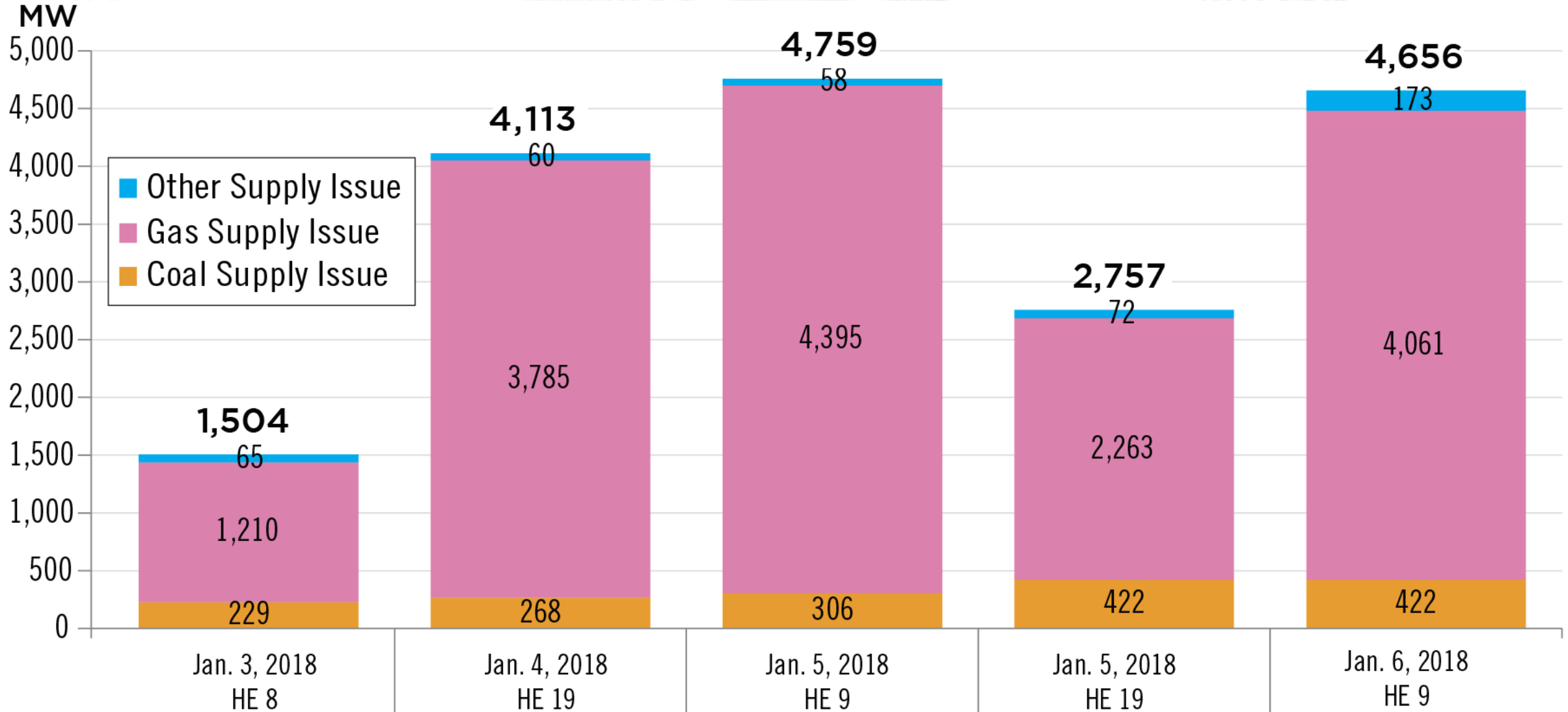




# Unplanned Outages by Primary Fuel Preliminary



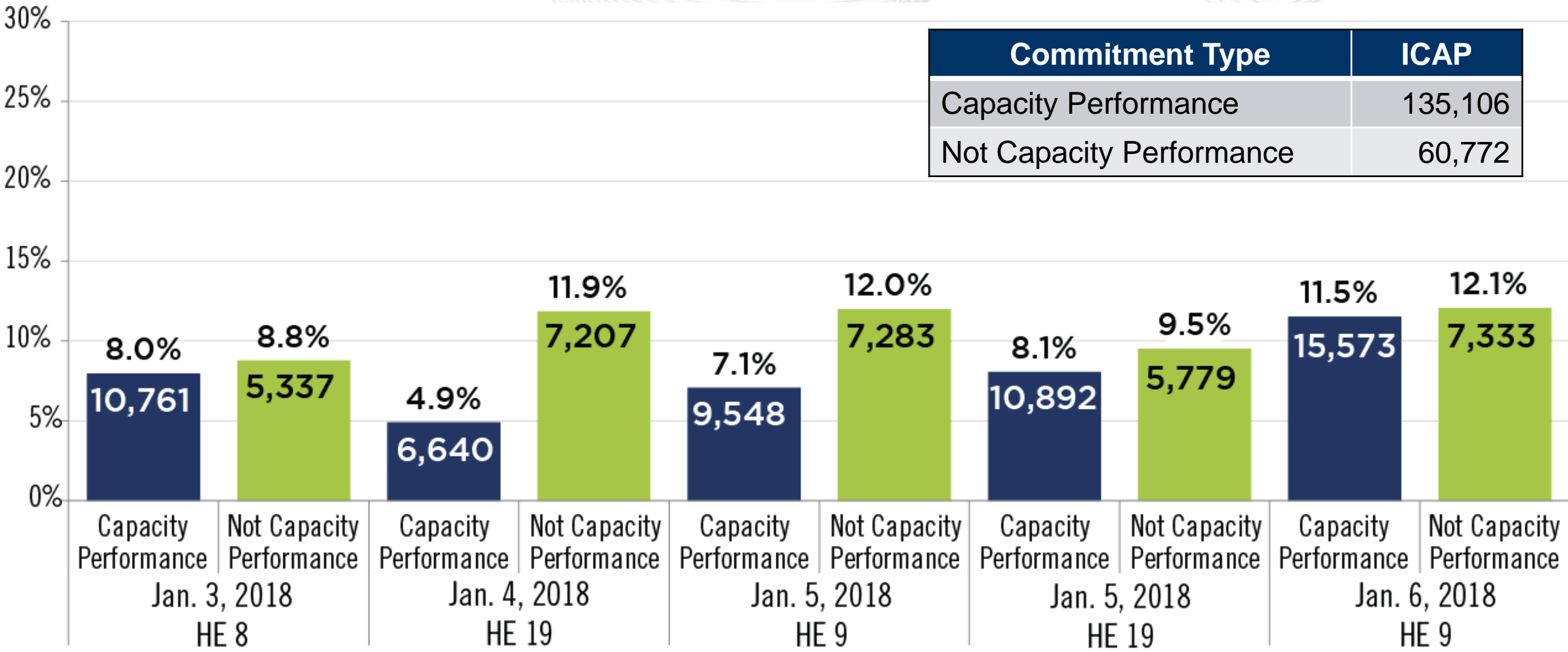
# Unplanned Outages by Fuel Supply Issue





# All Unplanned Outages as a Percentage of ICAP Categorized by Commitment Type

Commitment Type	ICAP
Capacity Performance	135,106
Not Capacity Performance	60,772

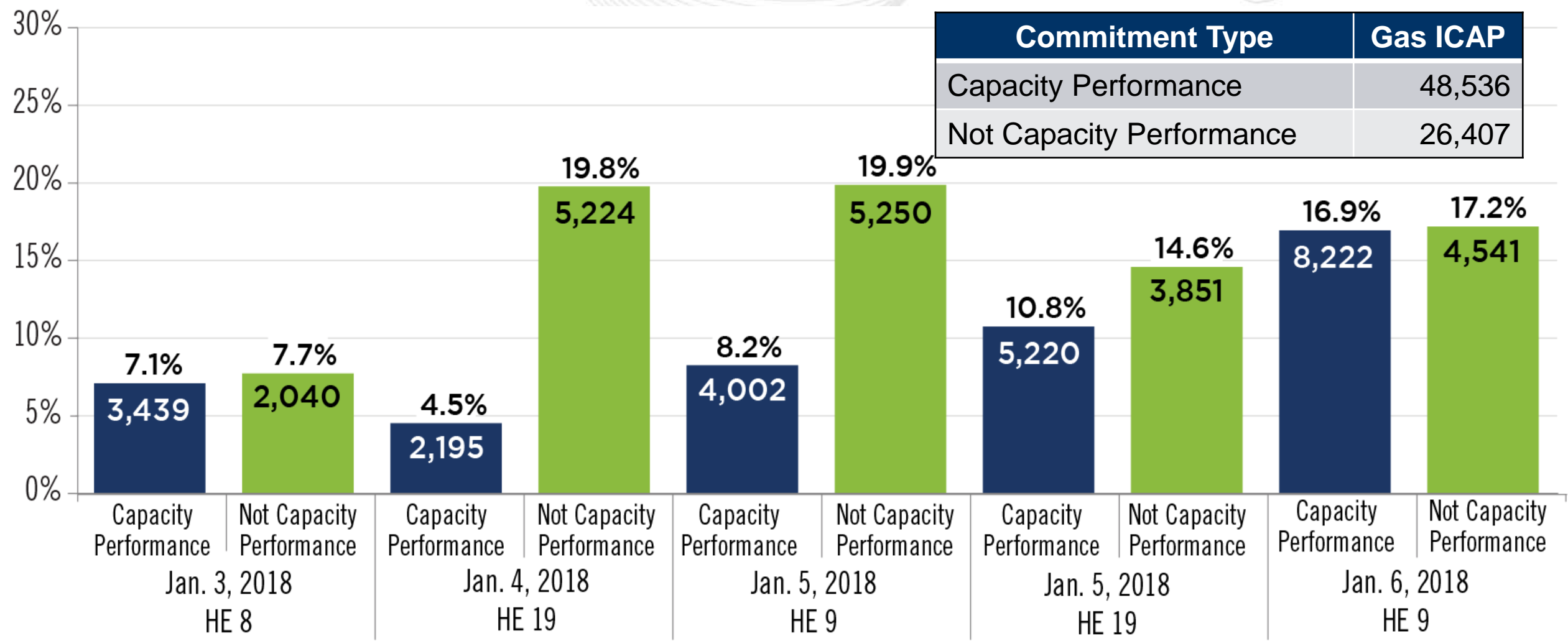






# Unplanned Gas Outages as a Percentage of Gas ICAP Categorized by Commitment Type

Commitment Type	Gas ICAP
Capacity Performance	48,536
Not Capacity Performance	26,407





# Unplanned Gas Supply Outages as a Percentage of Gas ICAP Categorized by Commitment Type

Commitment Type	Gas ICAP
Capacity Performance	48,536
Not Capacity Performance	26,407

