



Technical Report
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Next Generation Hydrogen Stations: All Composite Data Products through Fall 2012

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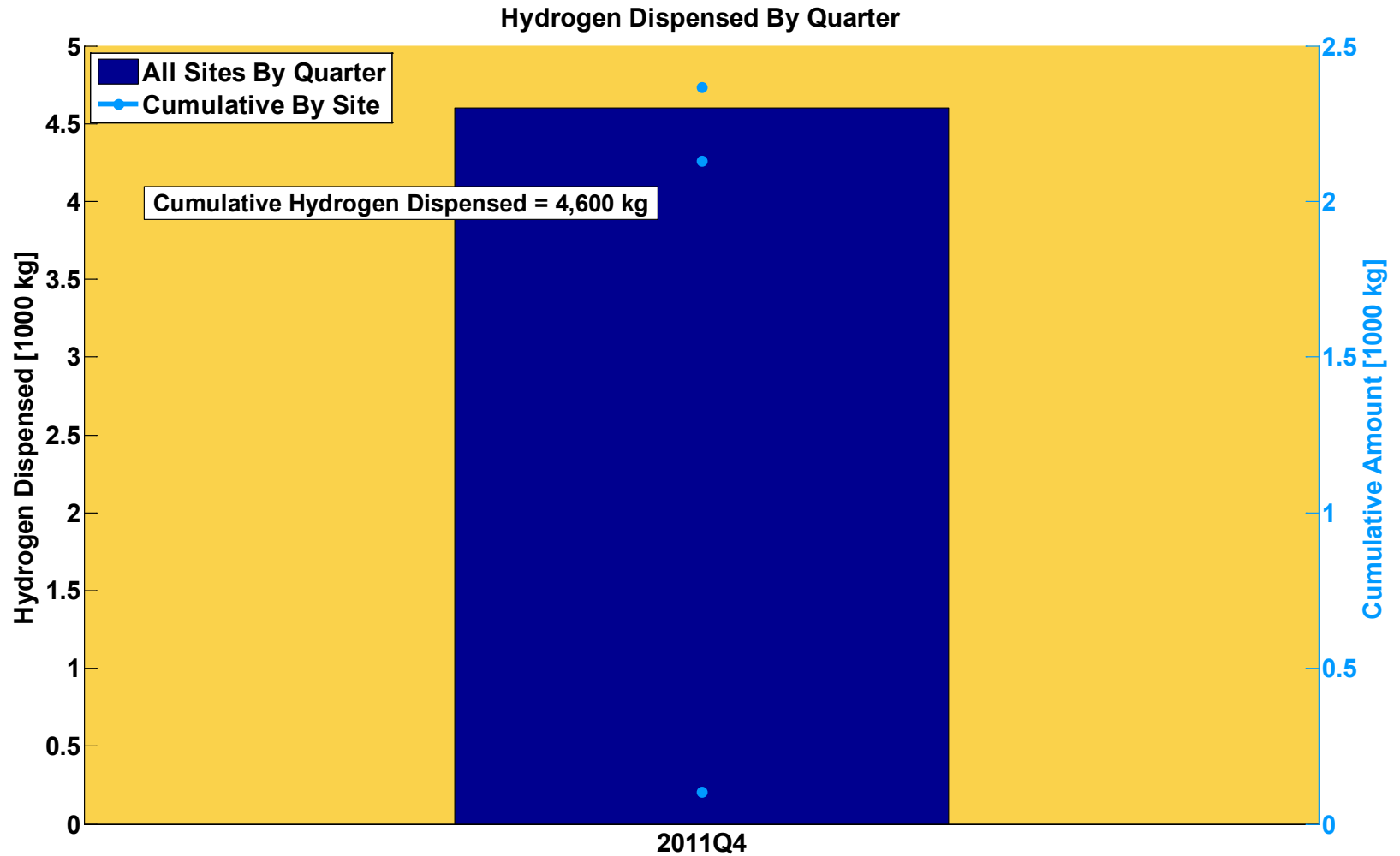
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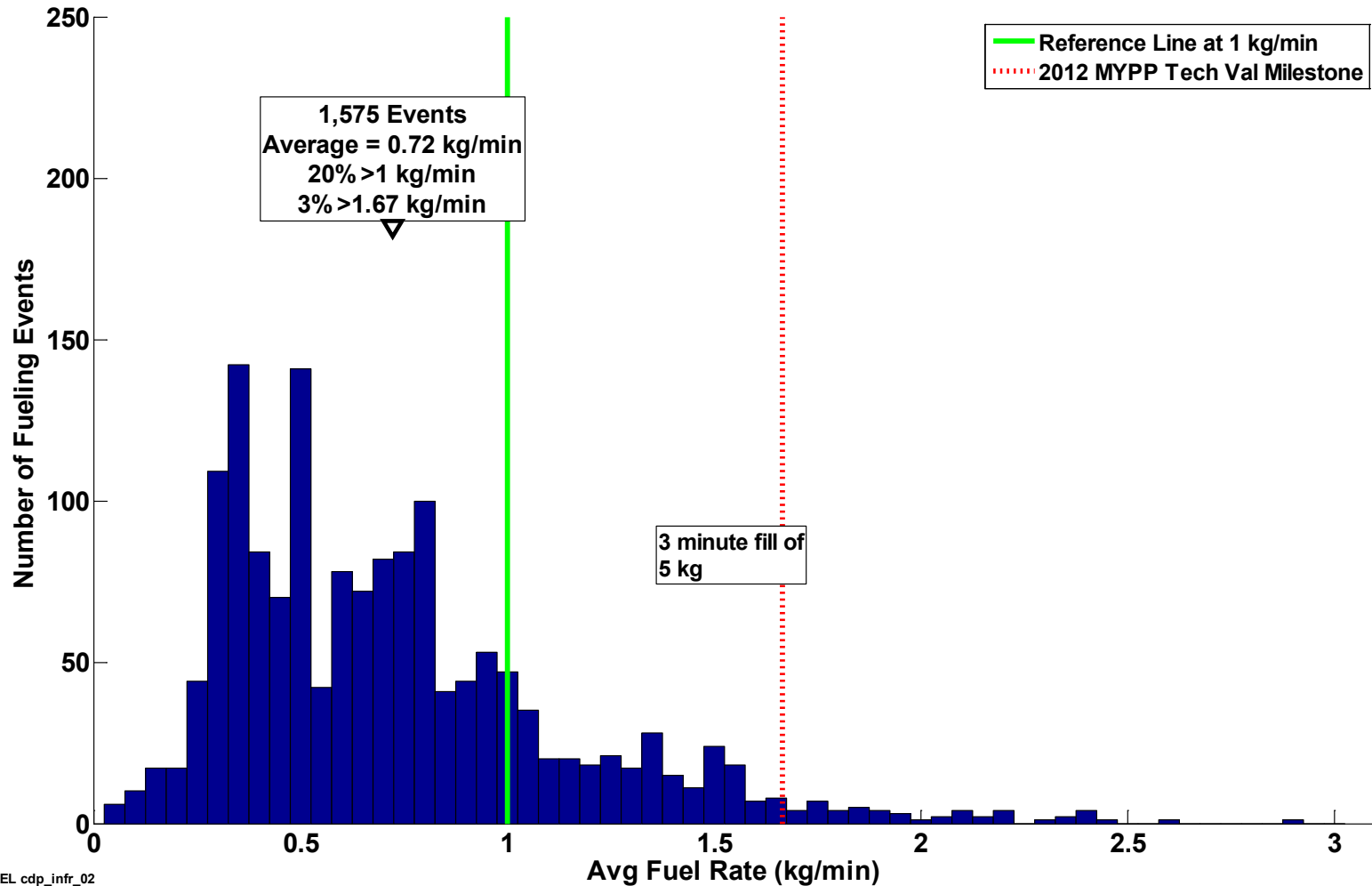
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Hydrogen Dispensed by Quarter



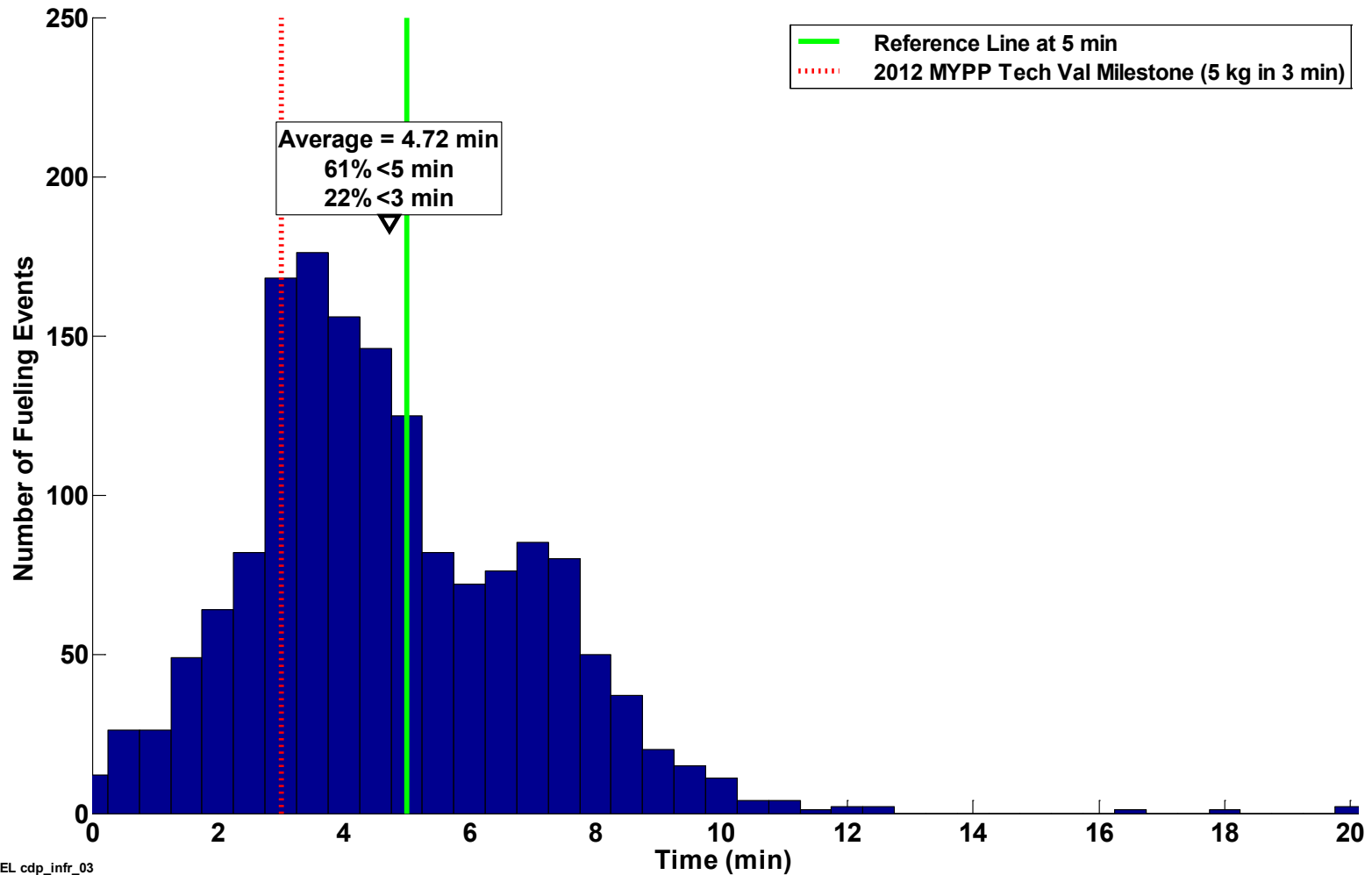
Histogram of Fueling Rates

Histogram of Fueling Rates



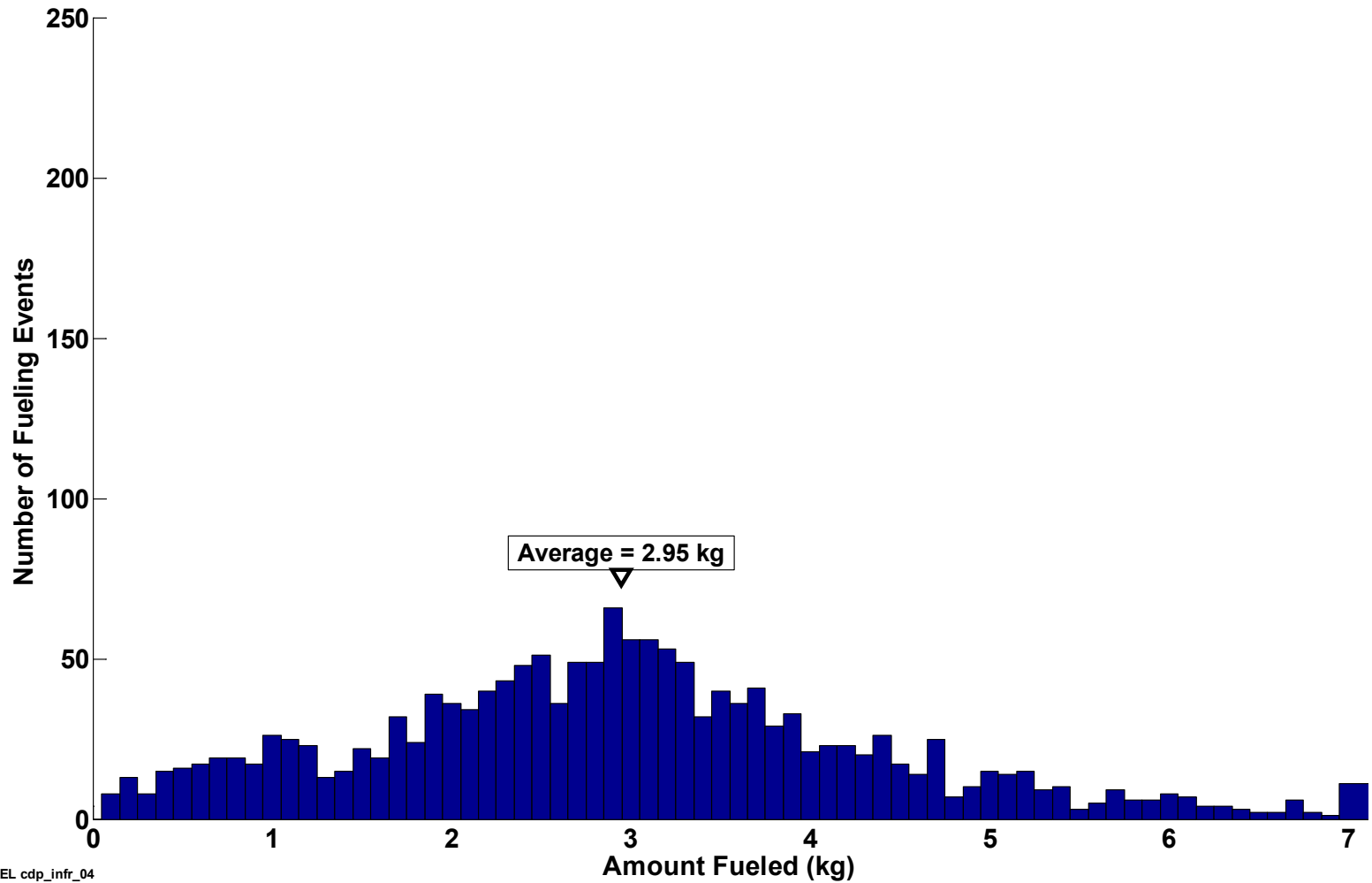
Histogram of Fueling Times

Histogram of Fueling Times

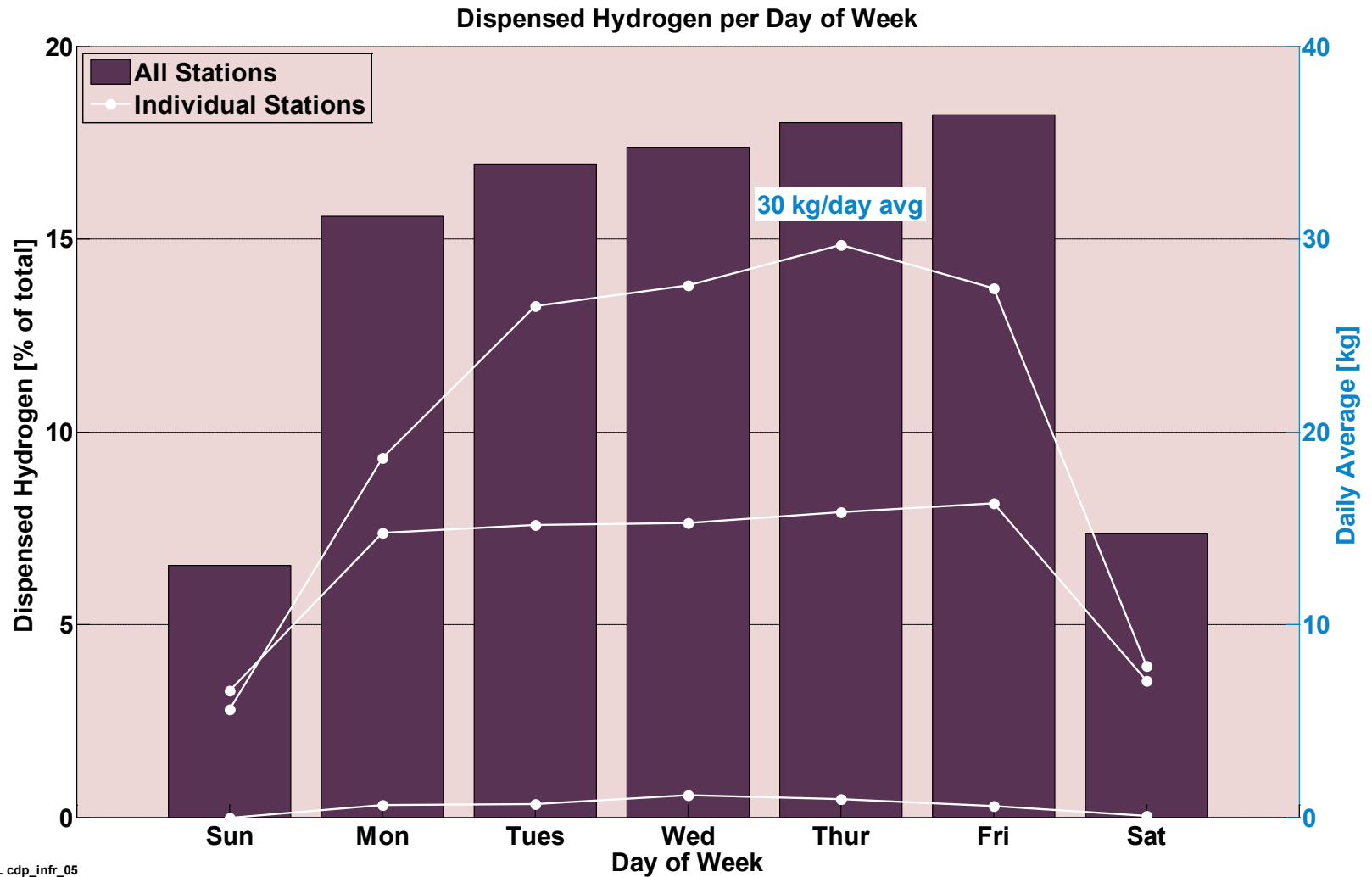


Histogram of Fueling Amounts

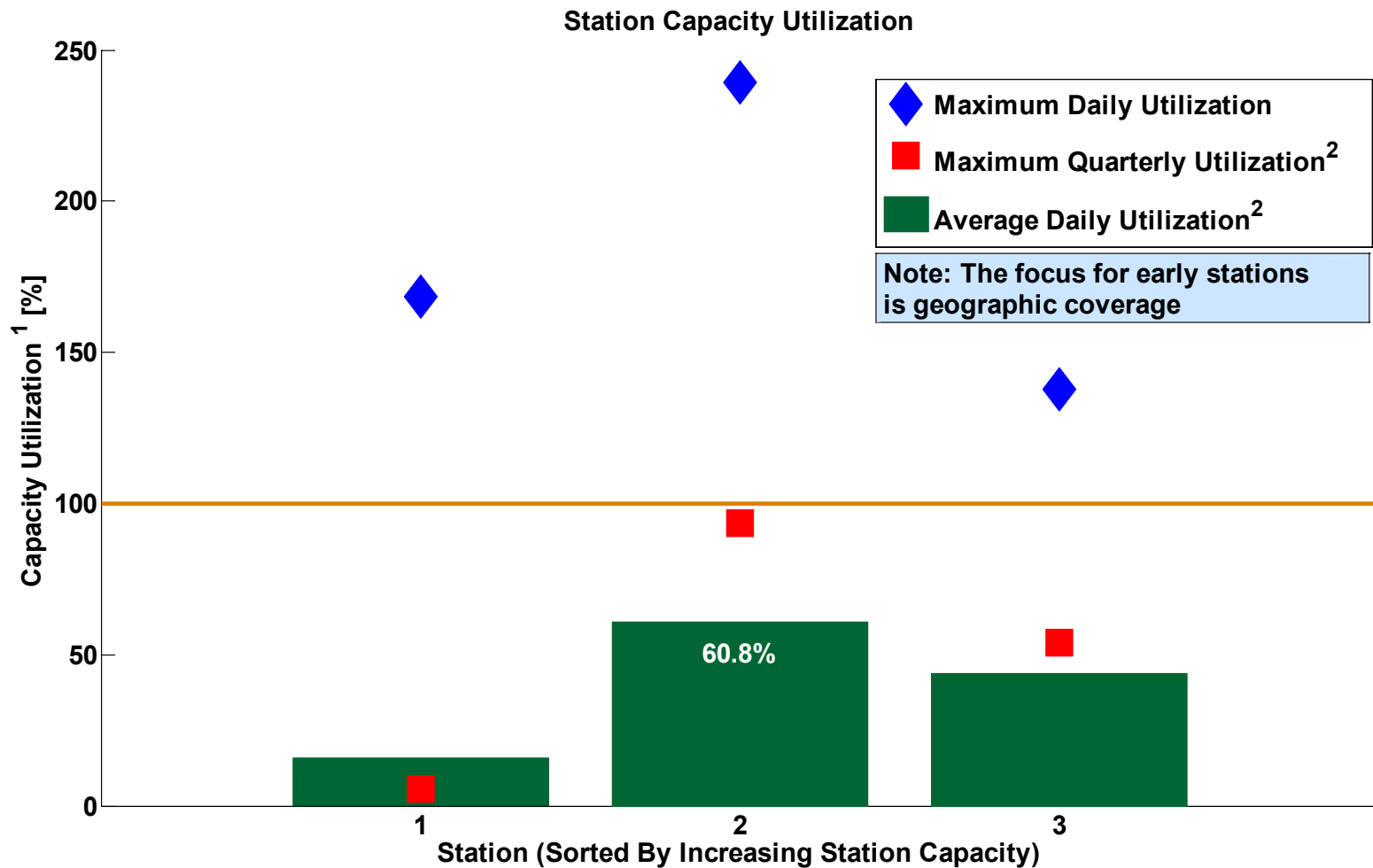
Histogram of Fueling Amounts



Dispensed Hydrogen per Day of Week



Station Capacity Utilization

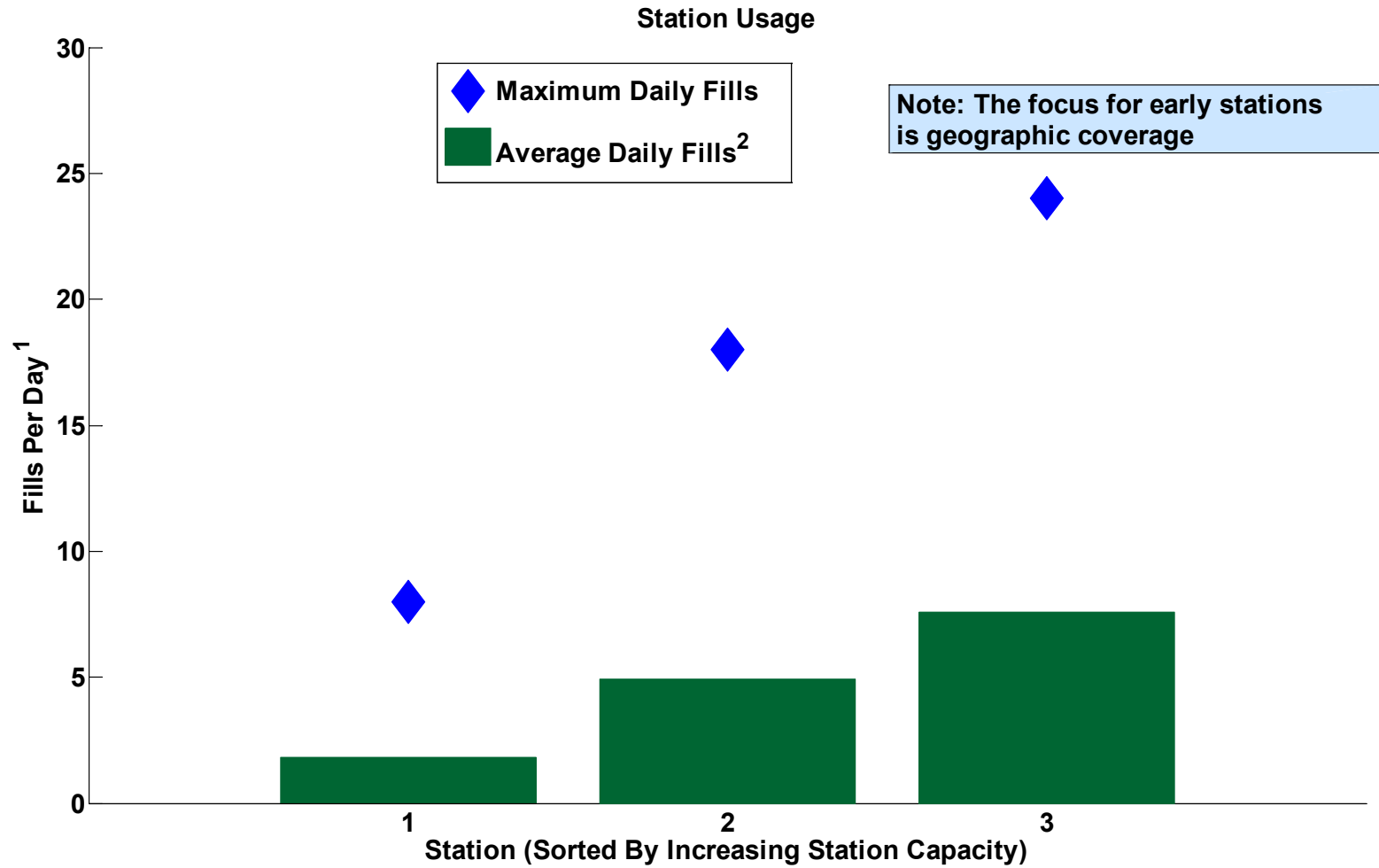


¹ Station nameplate capacity reflects a variety of system design considerations including system capacity, throughput, system reliability and durability, and maintenance. Actual daily usage may exceed nameplate capacity.

² Maximum quarterly utilization considers all days; average daily utilization considers only days when at least one filling occurred

CDP-INFR-07

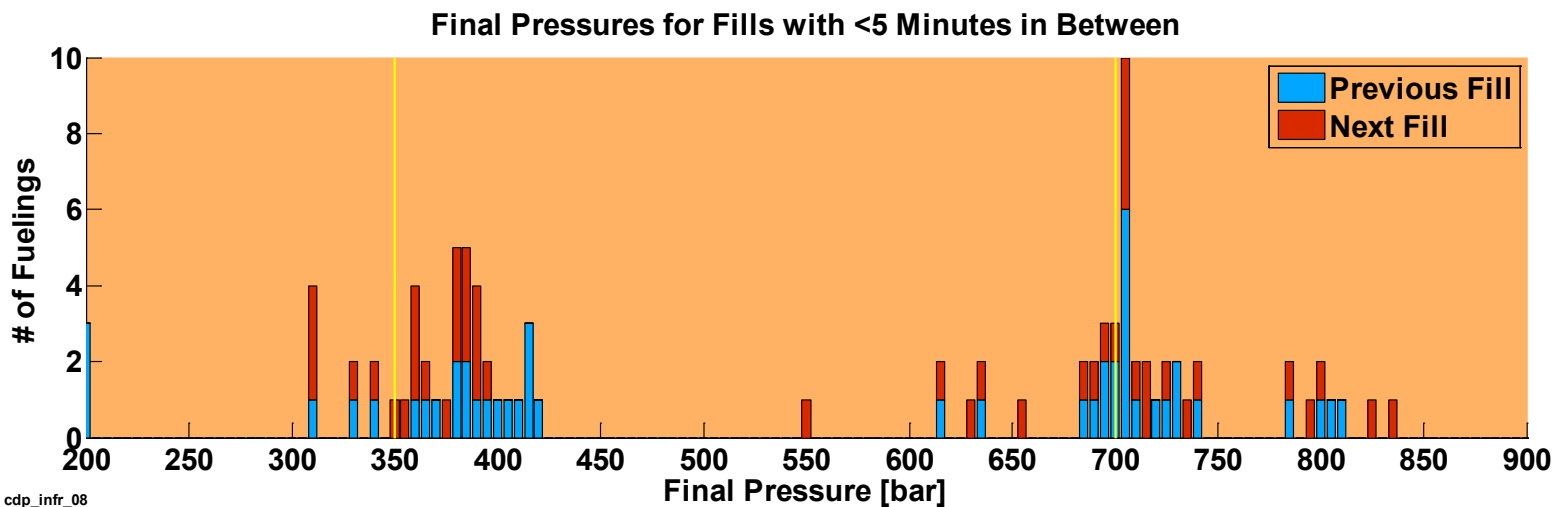
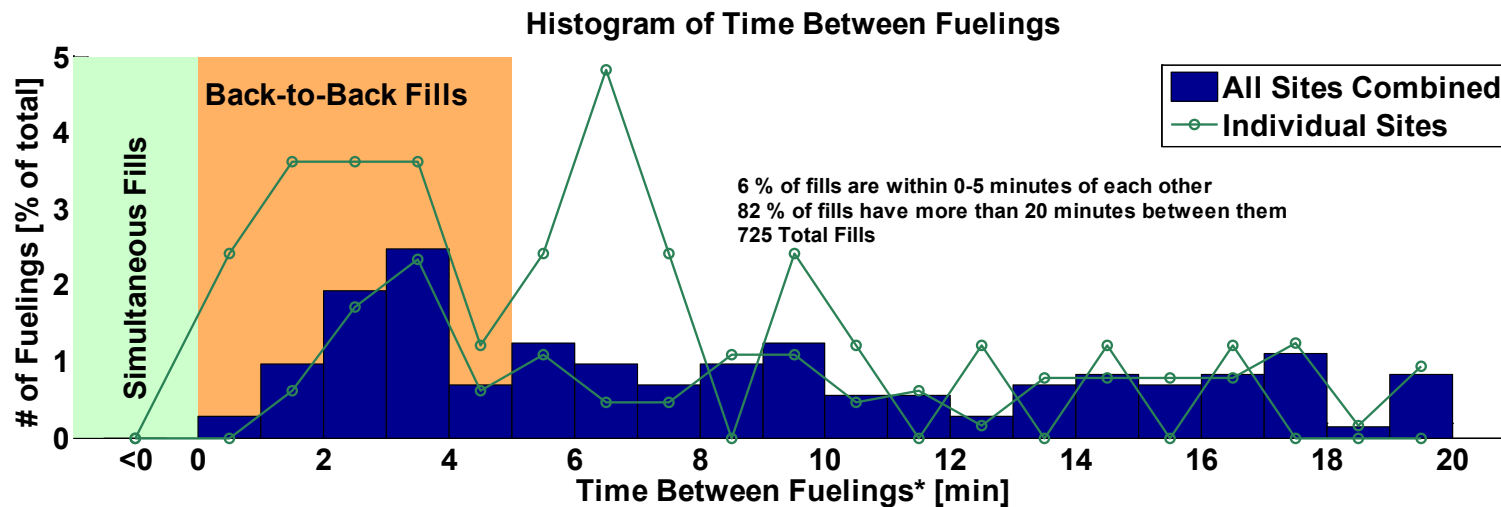
Station Usage



¹Excludes hydrogen fills of < 0.5 kg

²Average daily fills considers only days when at least one fill occurred

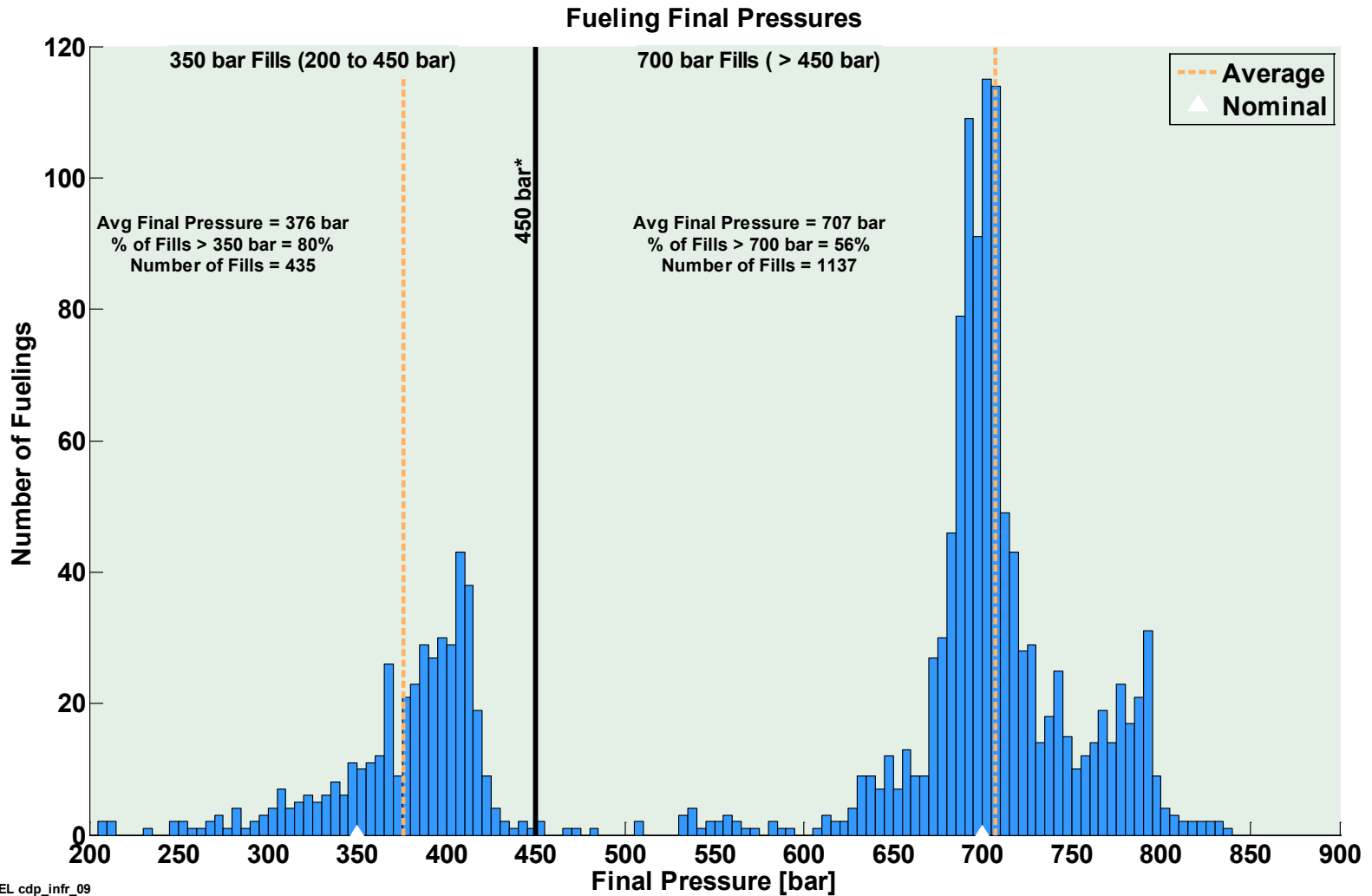
Time Between Fueling



*Time is from end of fill to start of next fill.

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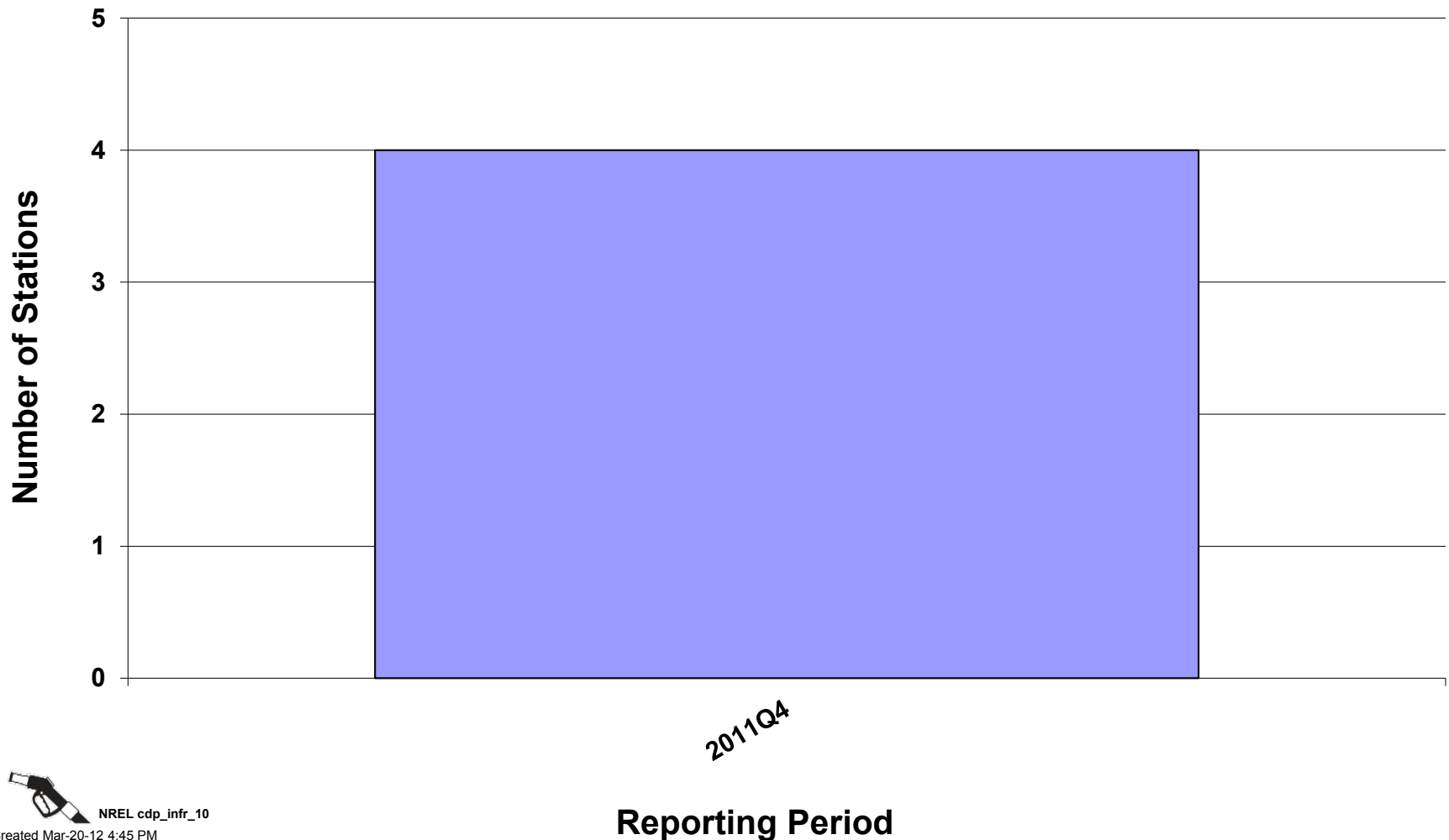
Fueling Final Pressures



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*The line at 450 bar separates 350 bar fills from 700 bar fills. It is slightly over the allowable 125% of nominal pressure (437.5 bar) from SAE J2601.

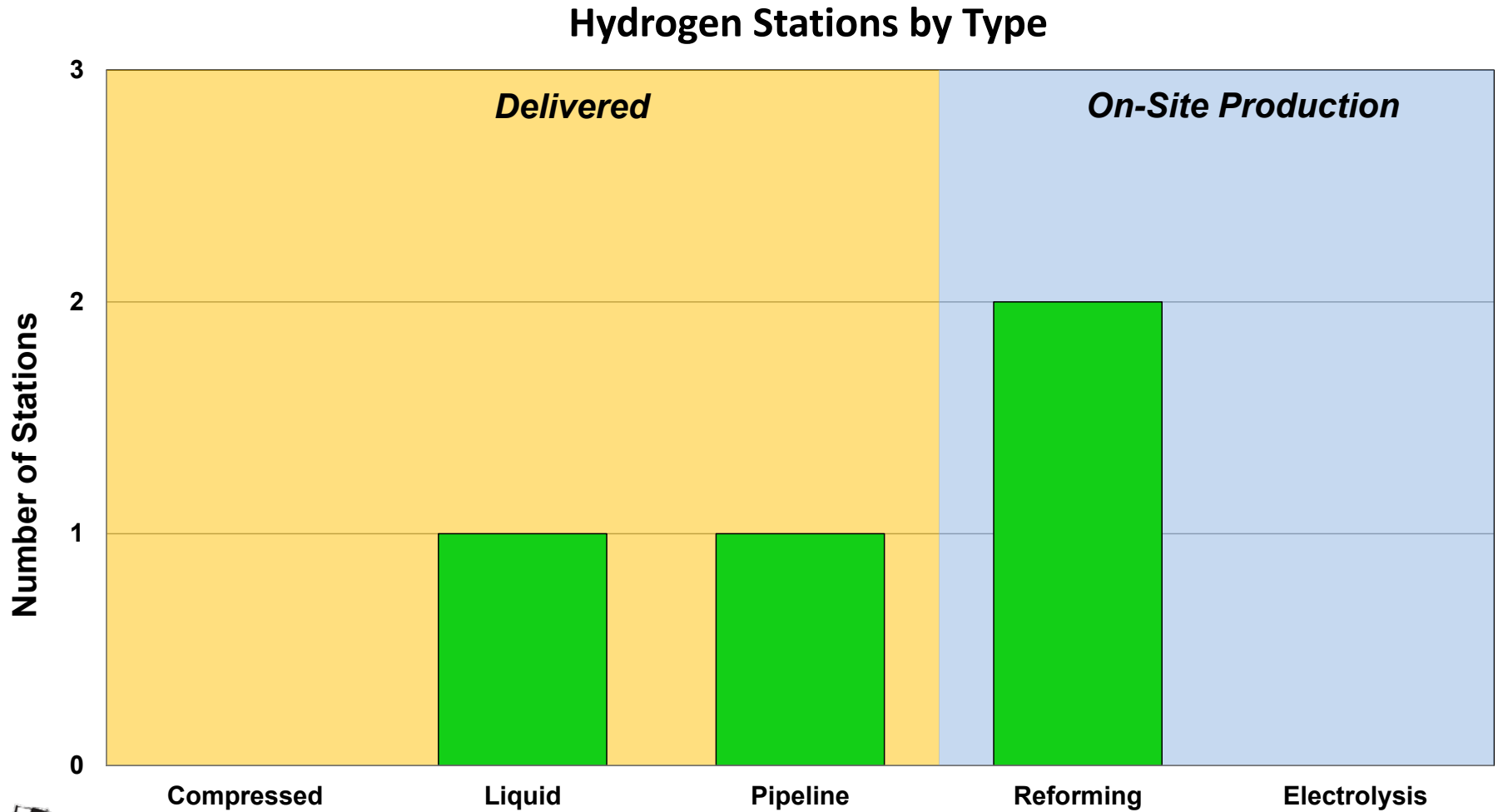
Cumulative Stations



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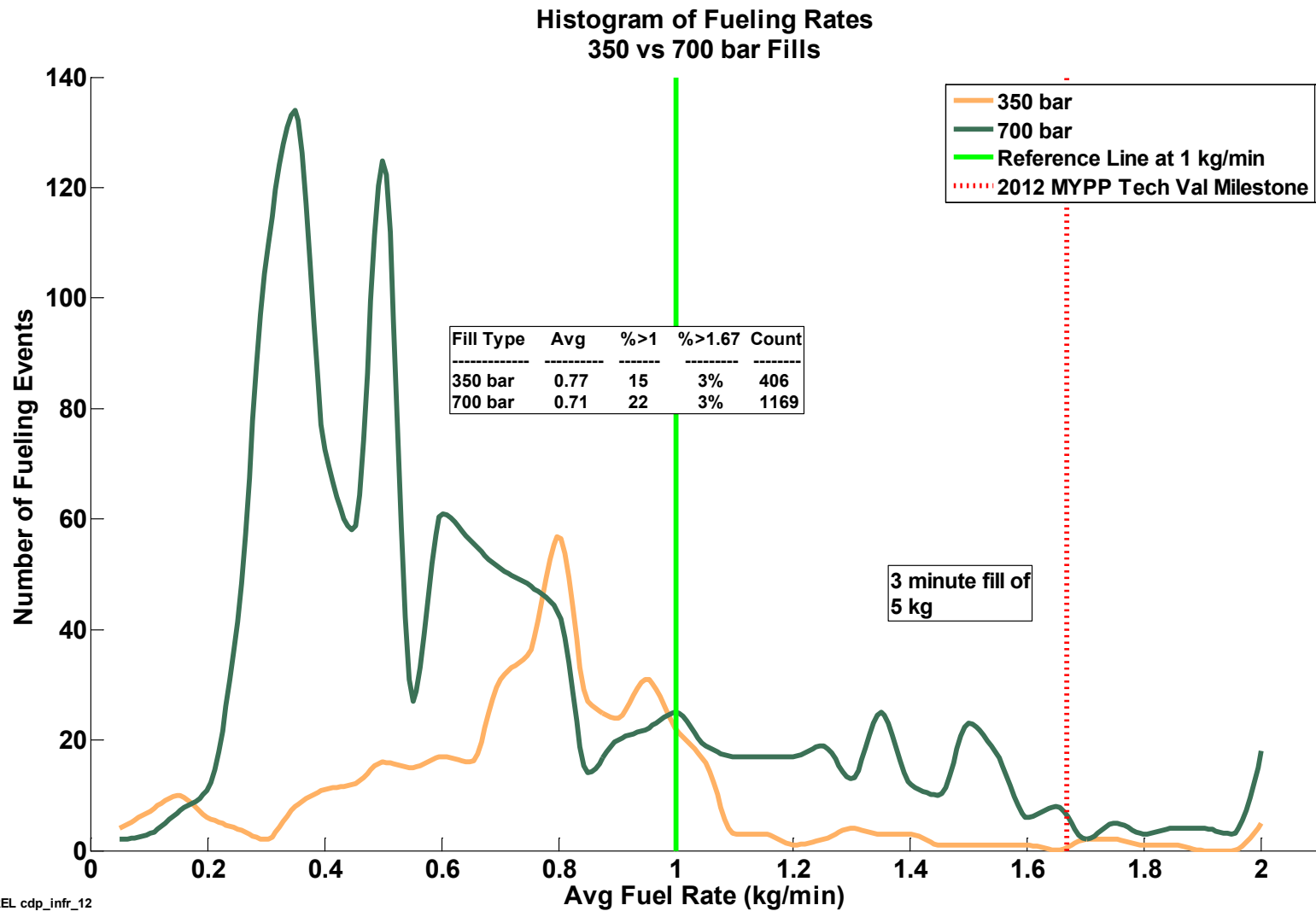
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Hydrogen Stations by Type



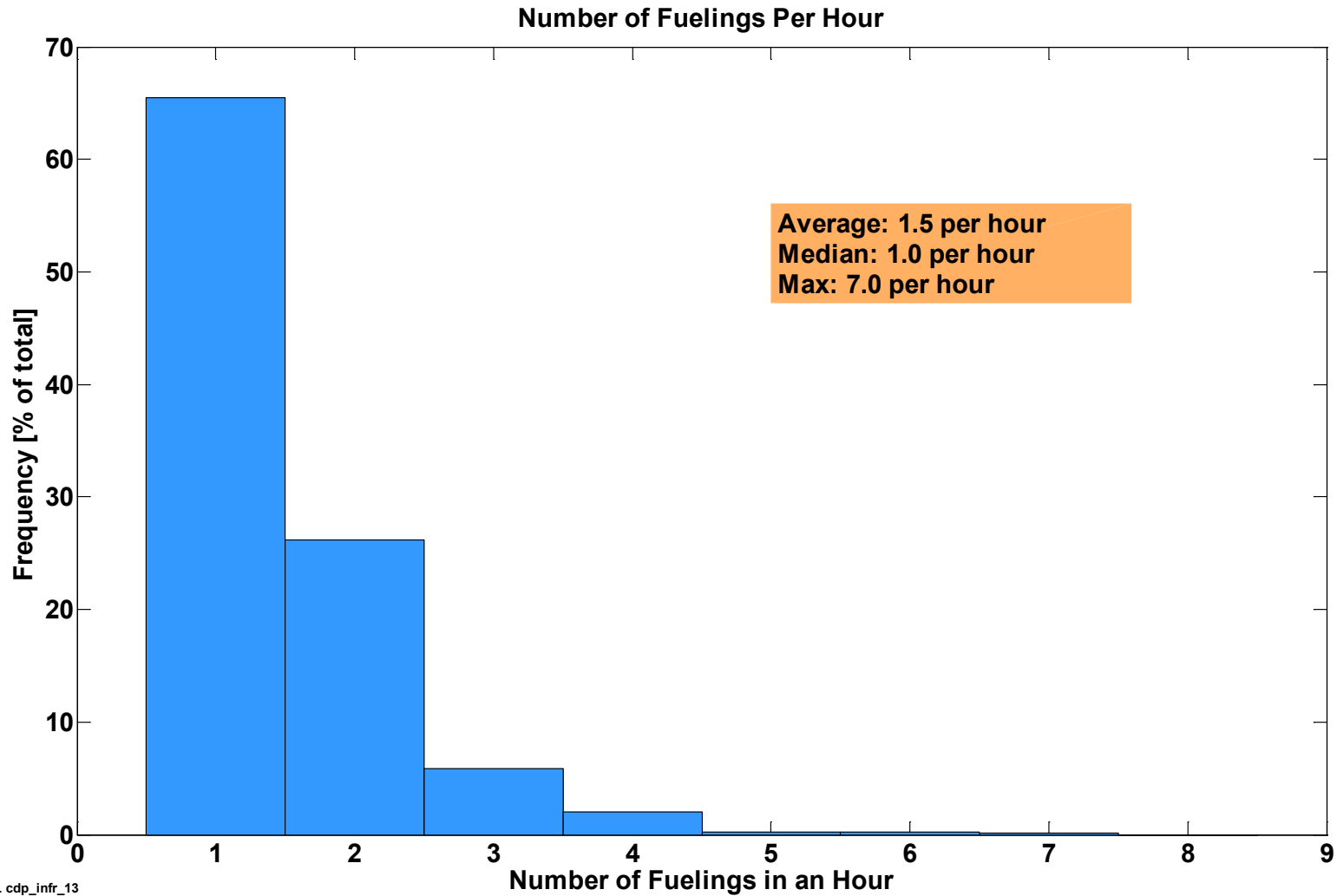
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Fueling Rates 350 vs. 700 bar



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Number of Fueling Events per Hour



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Hydrogen Dispensed per Hour

