COS / Rate Design Task Force Meeting

Docket No. 20-057-11

July 8, 2020

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TS Class Division

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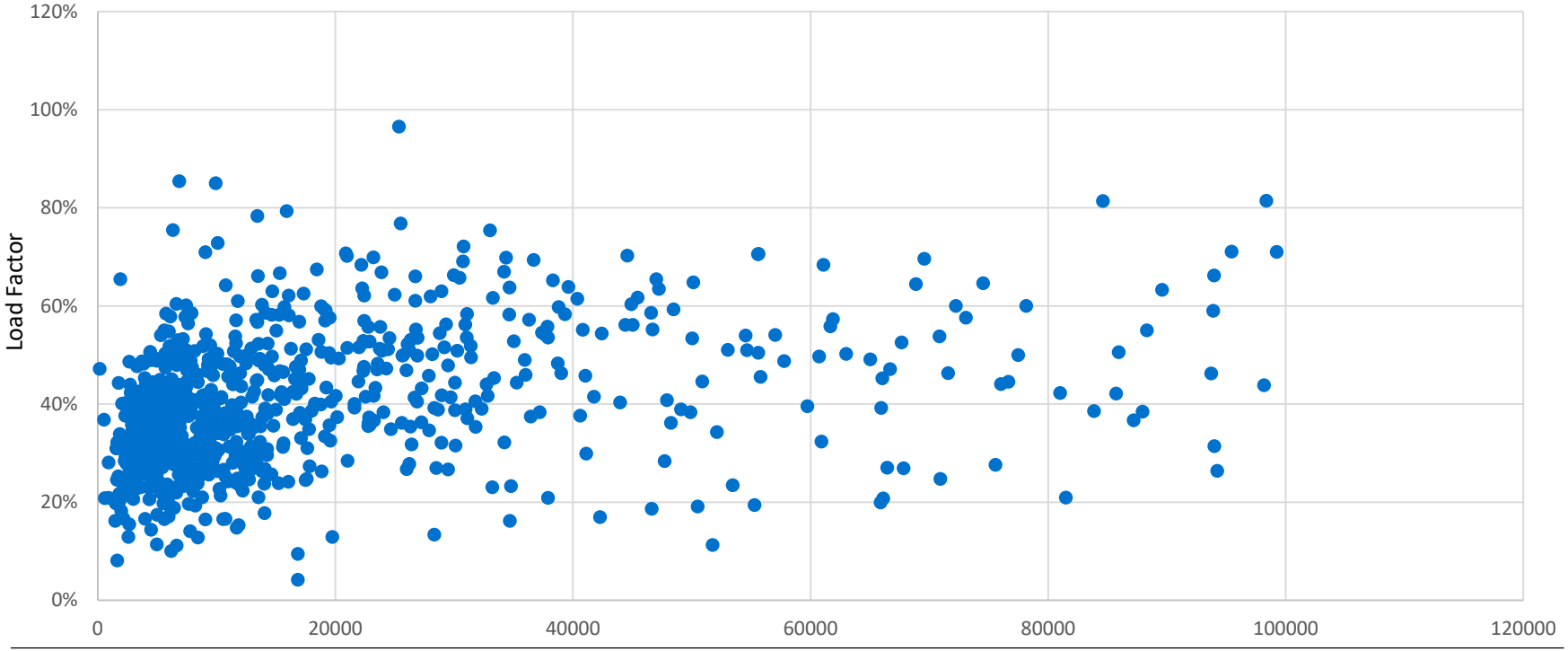
Annual Dth vs. Load Factor



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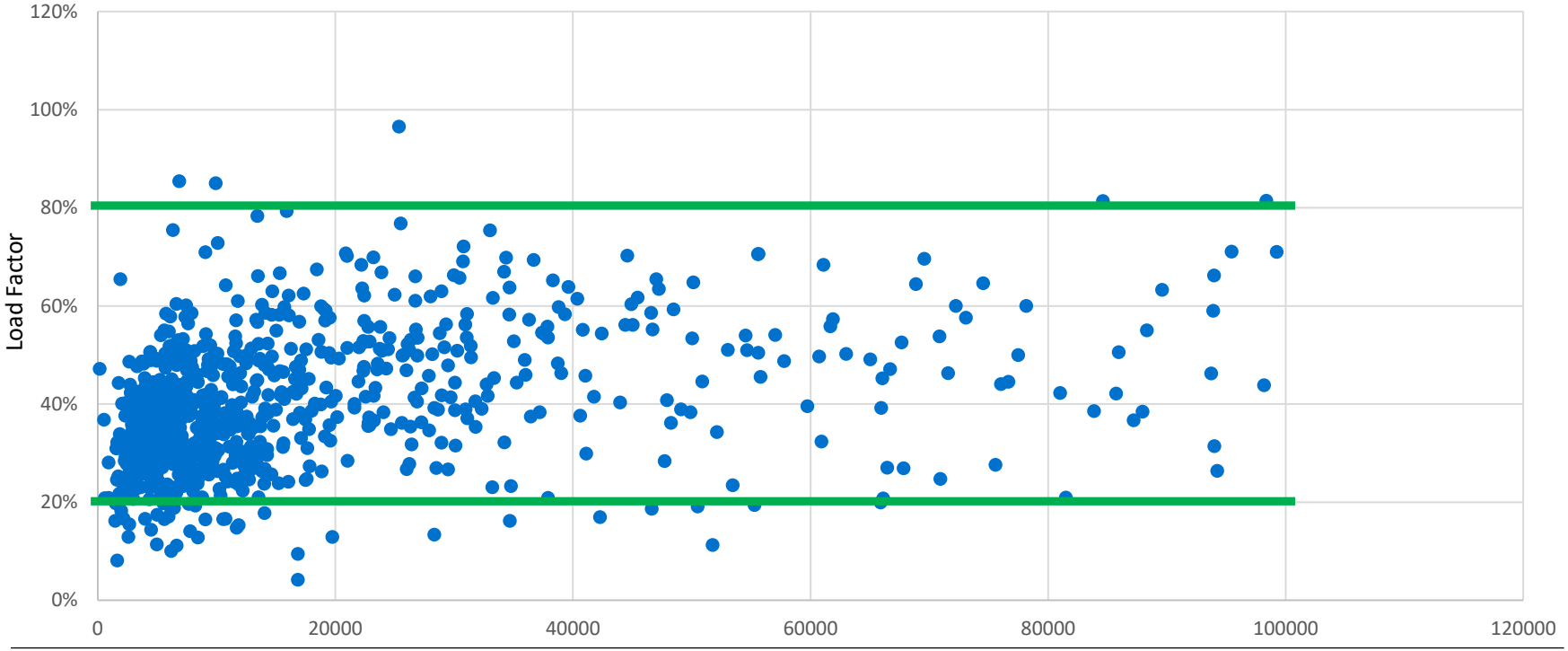
Majority of factors between 20% and 80%



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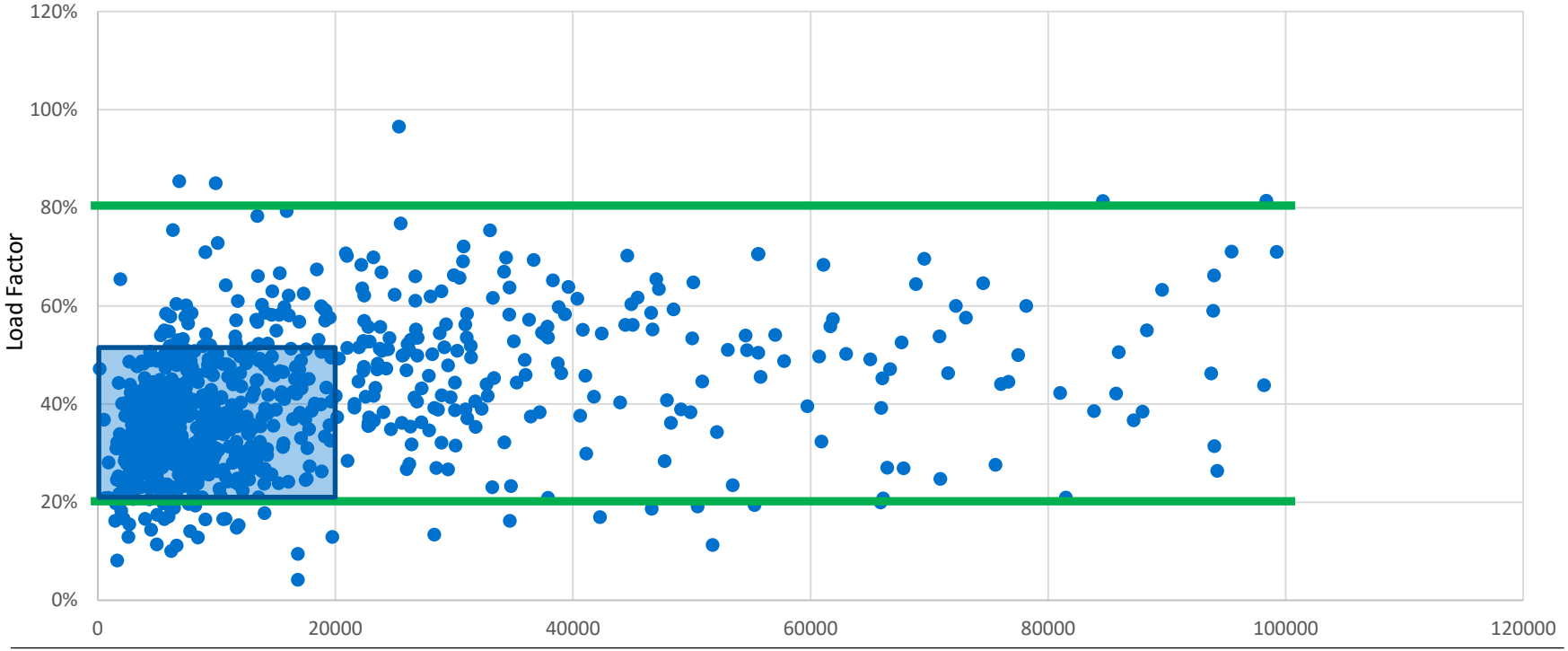
High concentration at or below 20,000 Dth and between 20% and 50% load factor



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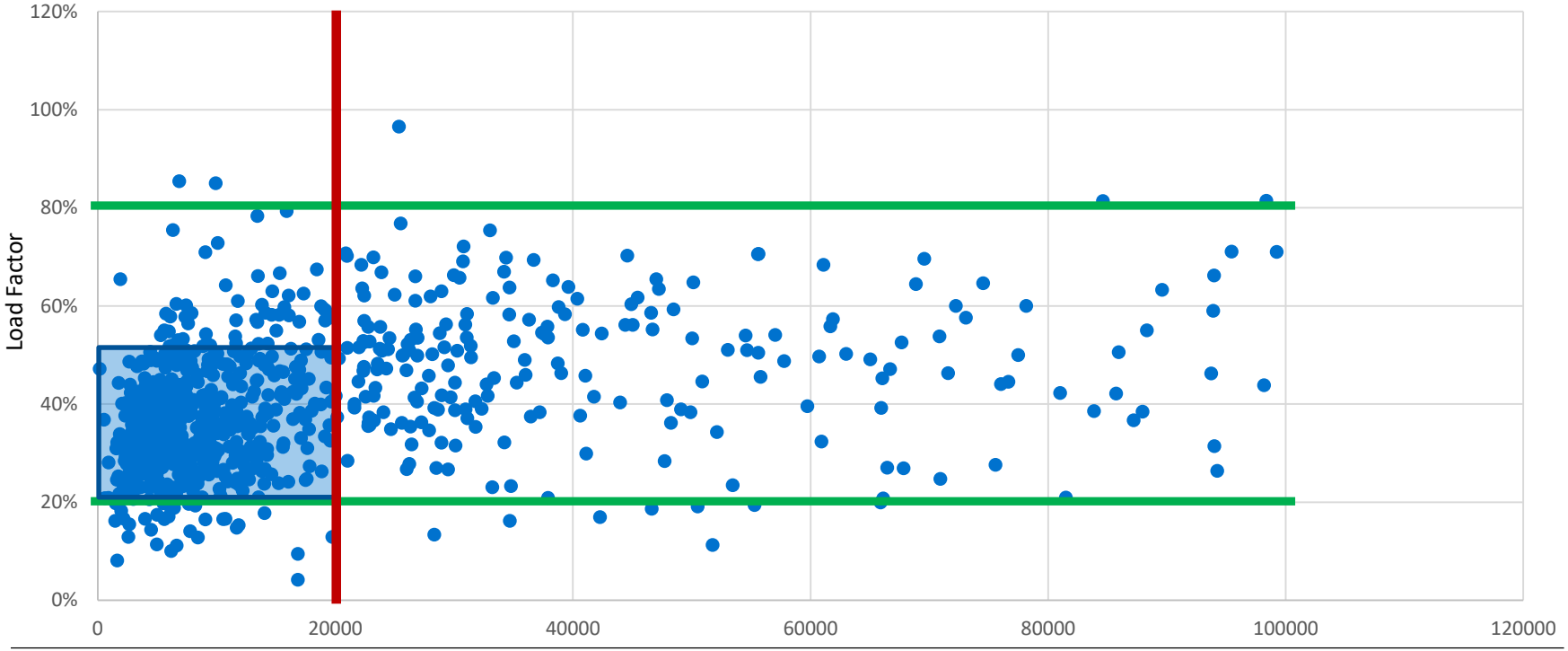
Investigate division at 20,000 Dth per year



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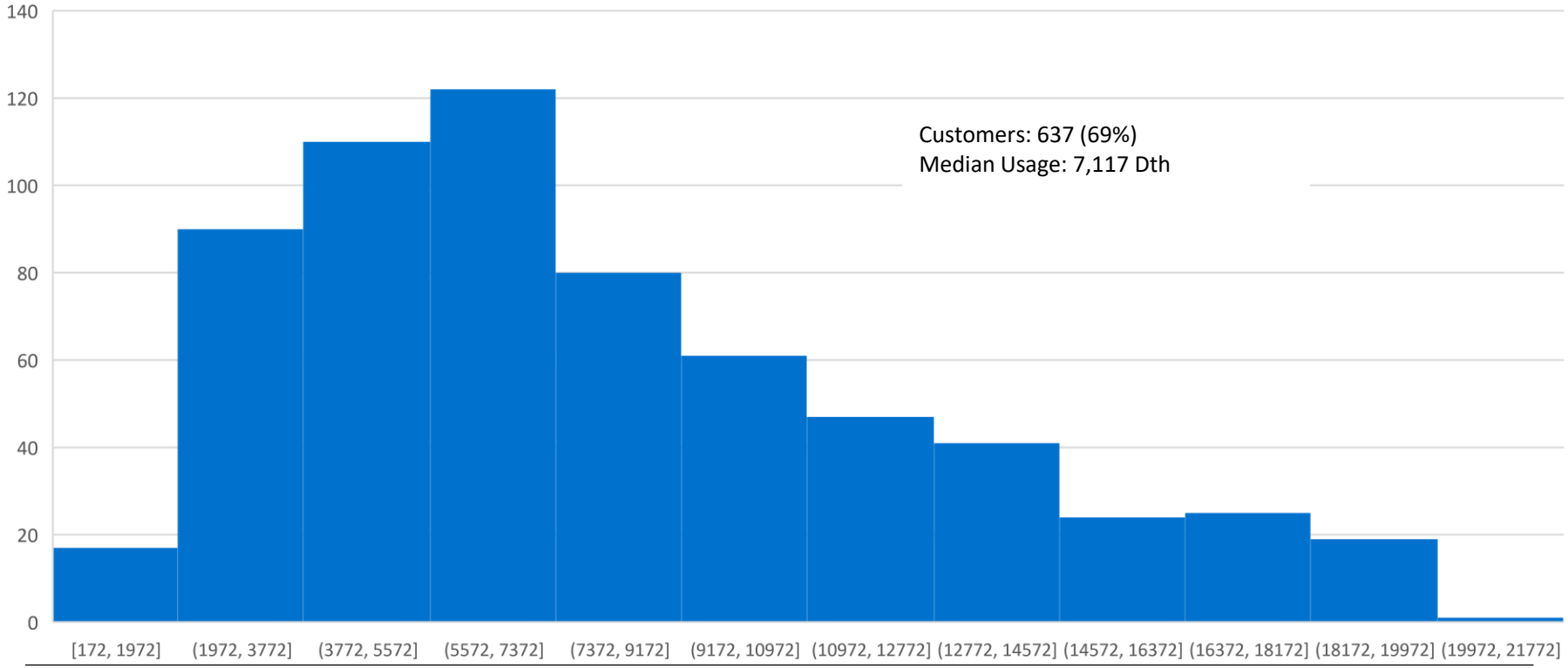
Usage Distribution: 20,000 Dth per Year or Less



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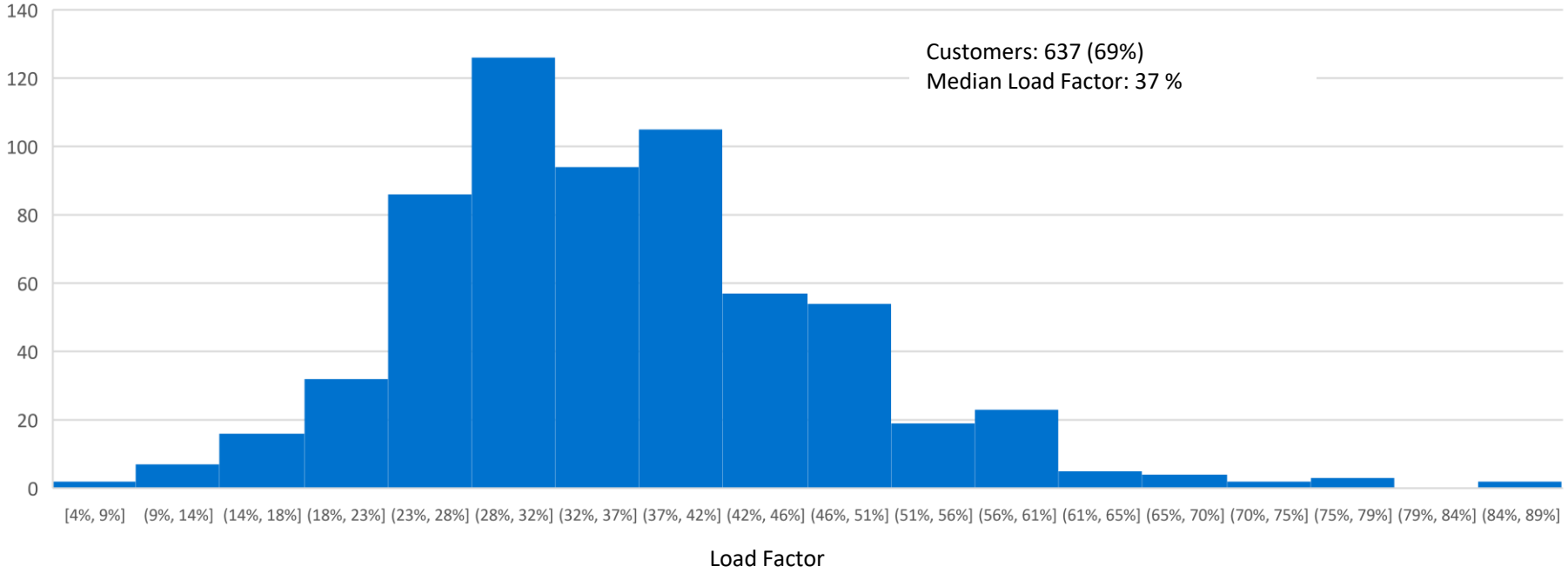
Load Factor Distribution: 20,000 Dth per Year or Less



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Considerations

- About 70% of TS customers are at or below 20,000 Dth per year
- Most in that subset (80%) have a load factor below 45%
- Annual usage beyond the 20,000 Dth mark varies widely, but load factor generally ranges between 20% and 80% among those customers
- 5,167,361 Dth annually used by these customers (11% of total)
- 39,984,640 Dth annually used by customers > 20,000 per year (89% of total)

Actual Coincident Peak for Demand Allocation

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Current Allocator Development

- Determine each firm rate class's portion of Design Peak Day demand
  - Estimate firm sales class portions
  - Use contract firm demand for transportation classes
- Each class's portion becomes allocator weighting
- Interruptible usage is excluded

Actual Coincident Peak Allocator Development

- Determine each rate class's portion of actual coincident peak demand
  - Estimate sales class portions
  - Use daily meter reads for transportation classes
- Each class's portion becomes allocator weighting
- Interruptible usage is included

Comparison of Methods

	Design Day (current method)	Coincident Peak Day
Data Used	Based on IRP forecast	Based on highest sendout day
TS/TBF	Actual contracted firm demand	Meter reads on highest sendout day
GS/FS	GS, FS portions estimated using Design Day temperature	GS, FS portions estimated using mean temperature for highest sendout day
NGV	Estimated from daily average in highest sendout month	Estimated from daily average in highest sendout month
IS	Excluded – usage is curtailed under Design Peak Day scenario	Estimated from daily average in highest sendout month

Comparison of Weightings

Class	Design Day Dth	Design Day Portion	Actual Peak Dth	Actual Peak Portion
GS	1,156,610	80.2%	849,274	79.9%
FS	16,493	1.1%	13,850	1.3%
NGV	729	0.05%	656	0.06%
IS	0	0%	651	0.06%
TS	210,360	14.6%	159,276	15.0%
TBF	58,000	4.0%	38,605	3.6%
TOTAL	**1,442,192**	**100%**	**1,062,312**	**100%**

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