



2024

Engineering & Operations Report

(Electric System)

Distribution System

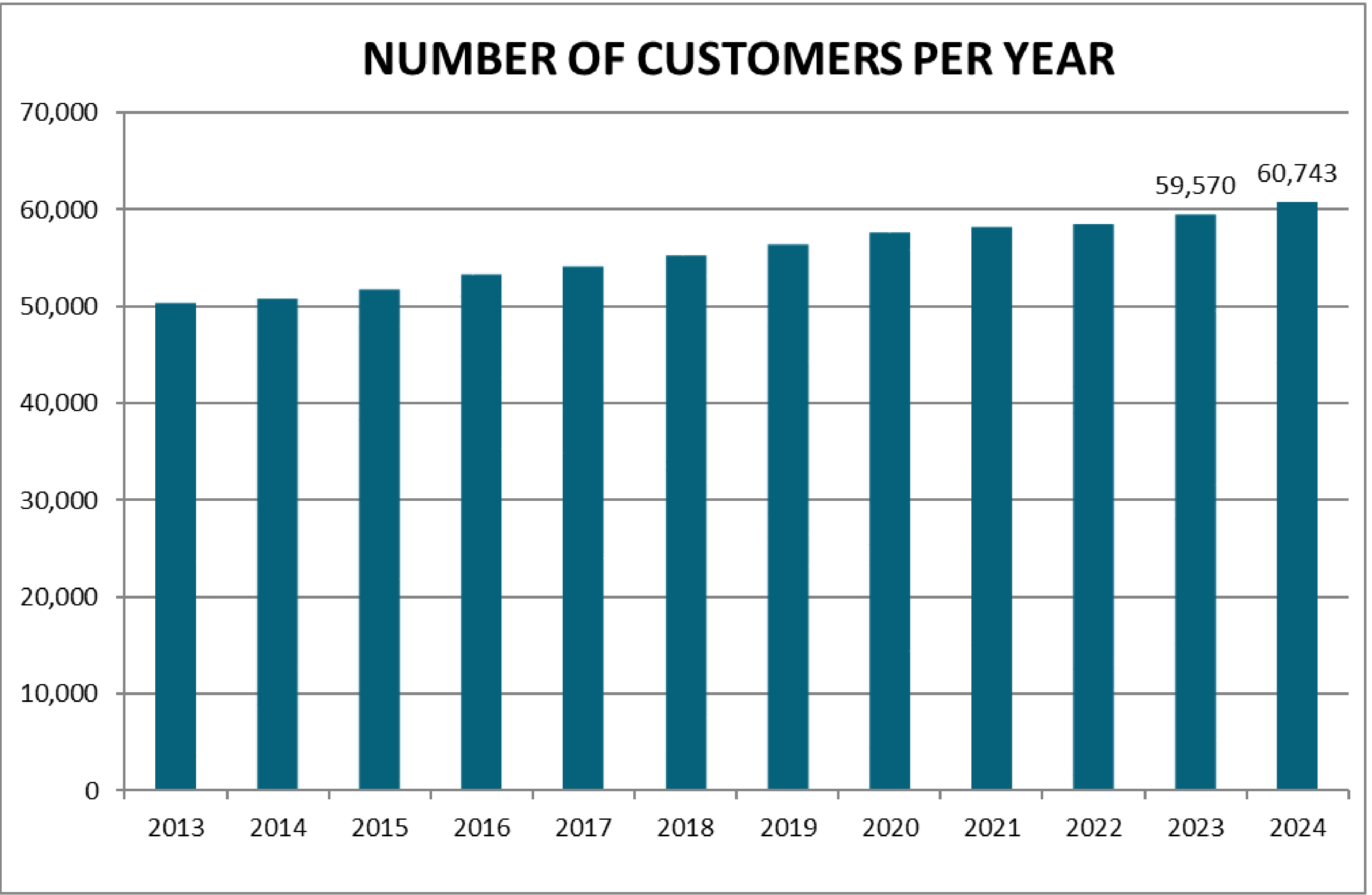
- **1,173** new customers added in 2024.
- 382 new customers added in 2022, and 1,086 new customers added in 2023.
- At the end of 2024 there were **60,743** electrical customers.
- **859** total circuit miles of distribution in system. 66.33% of the electric distribution system was underground at the end of 2024.

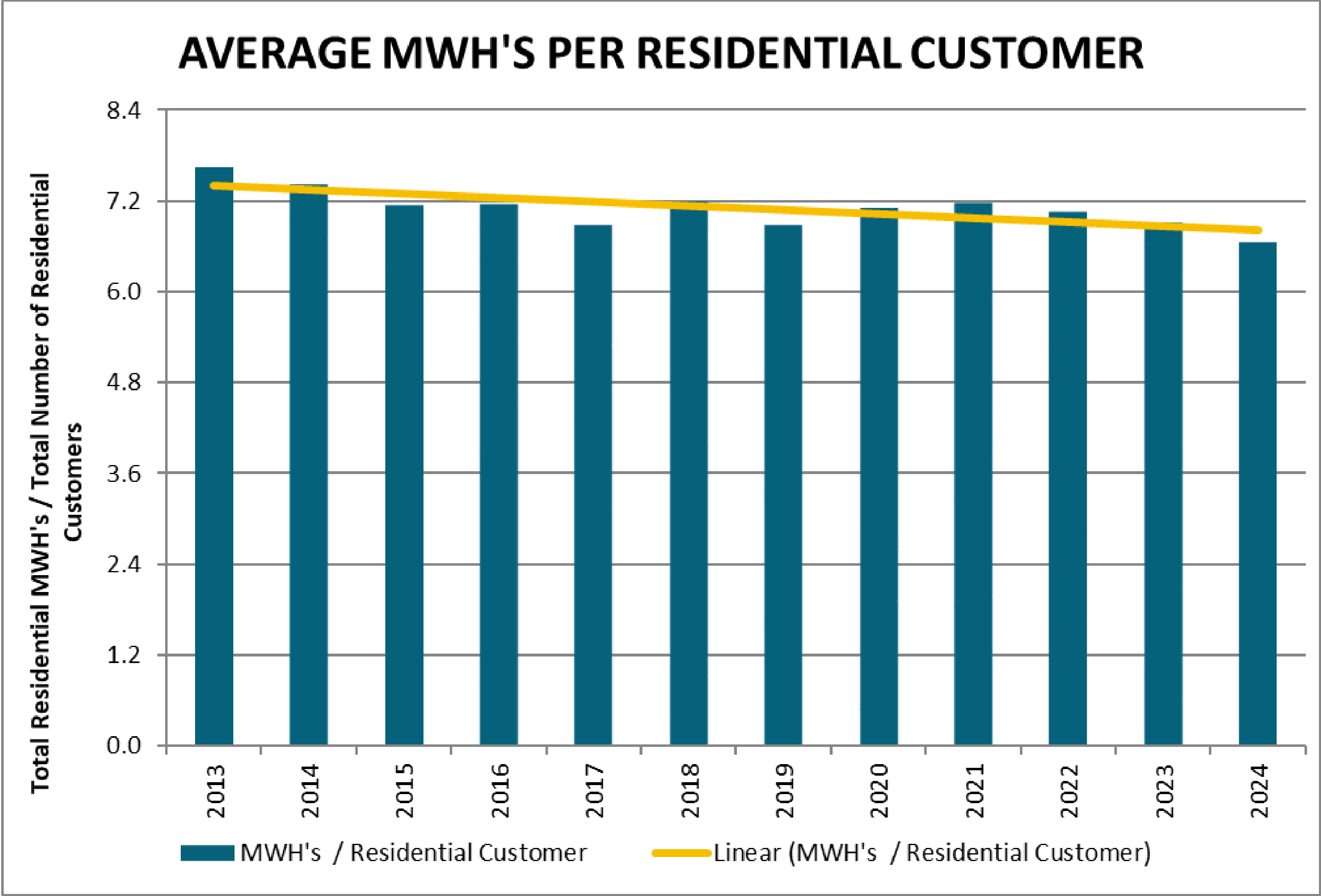


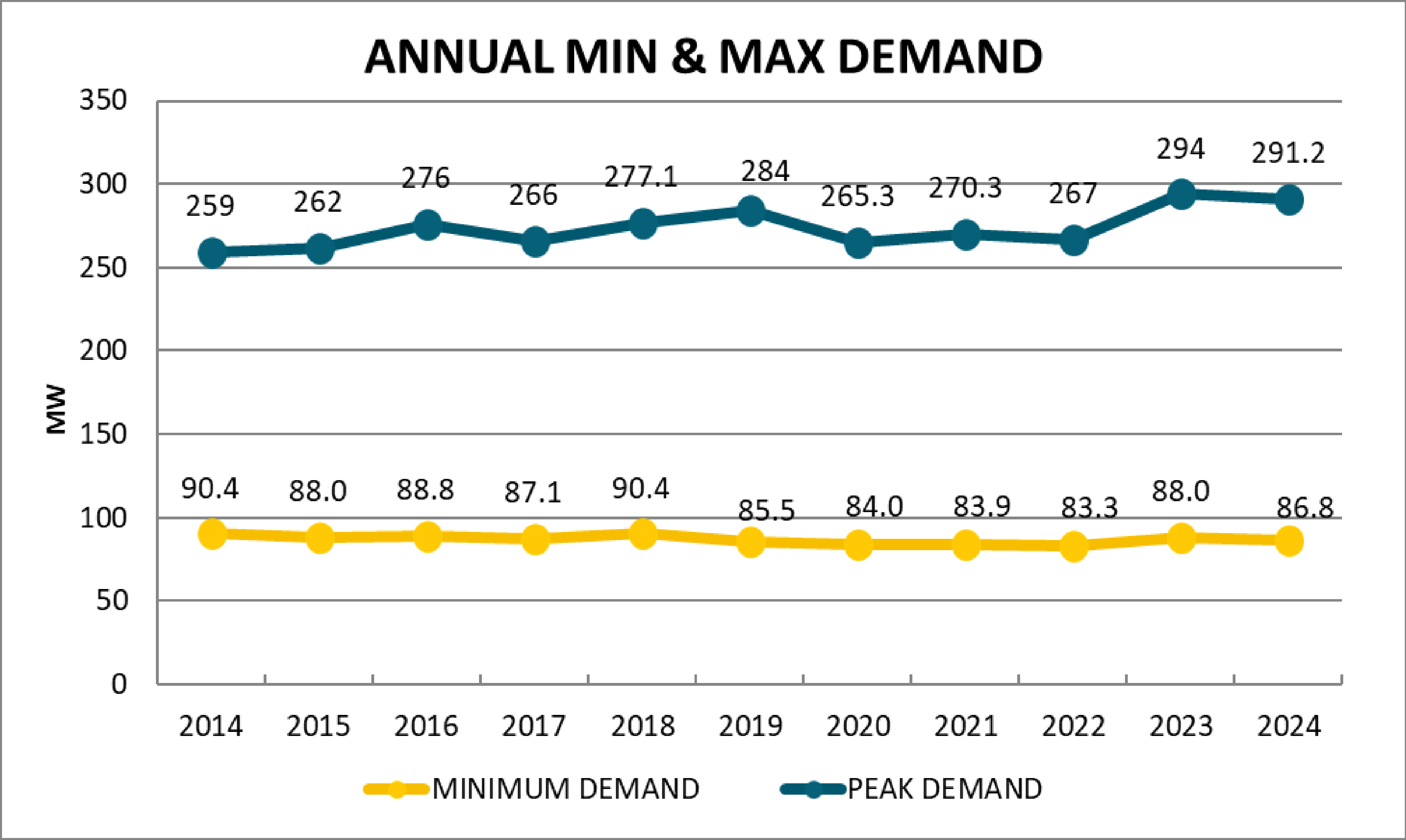
System Peak Demand

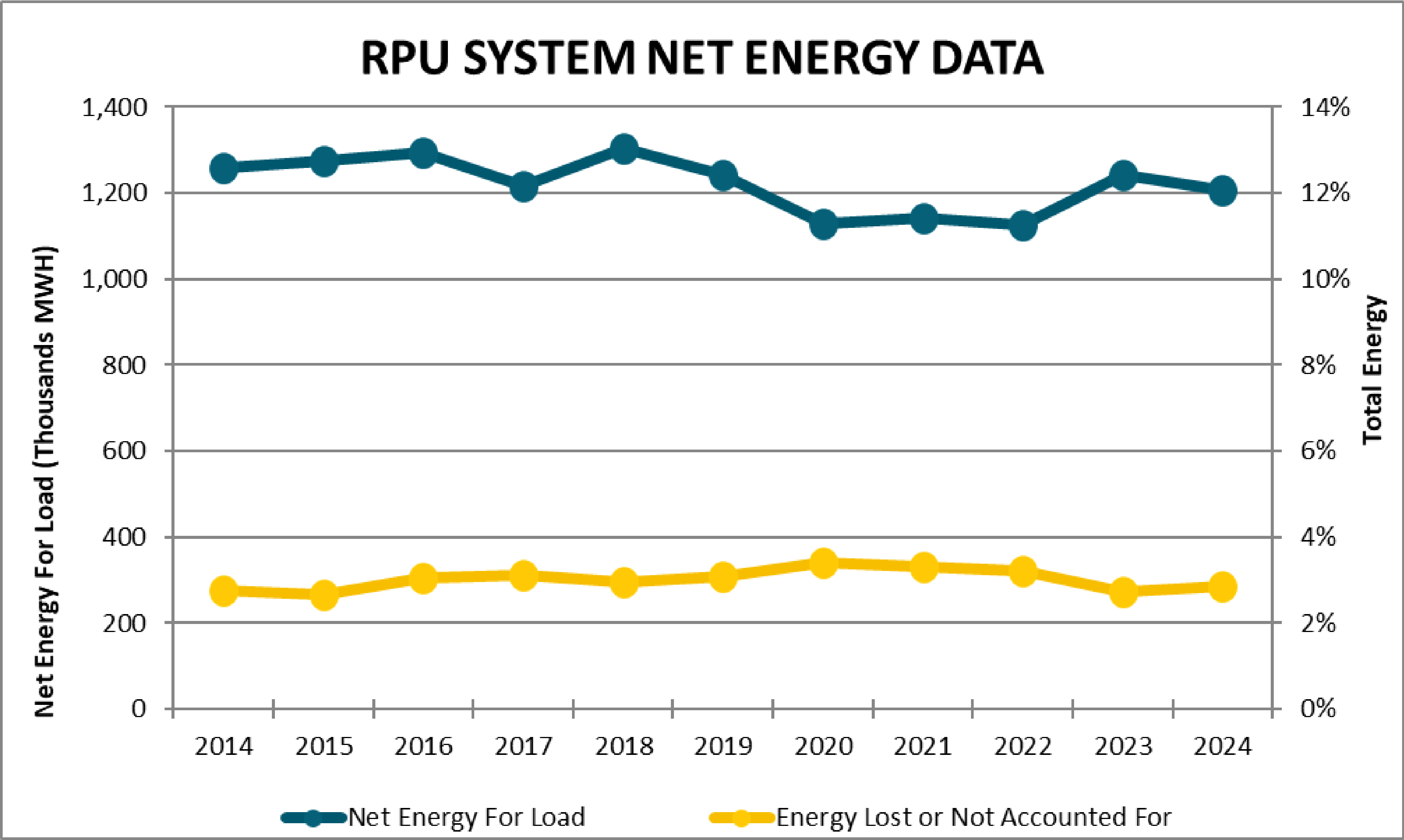
- The peak system demand that RPU reached in 2024 was 290.5 MW and was set on 8/26/24.
- RPU's previous all time system peak demand was 294.8 MW, which was set on 8/23/2023.

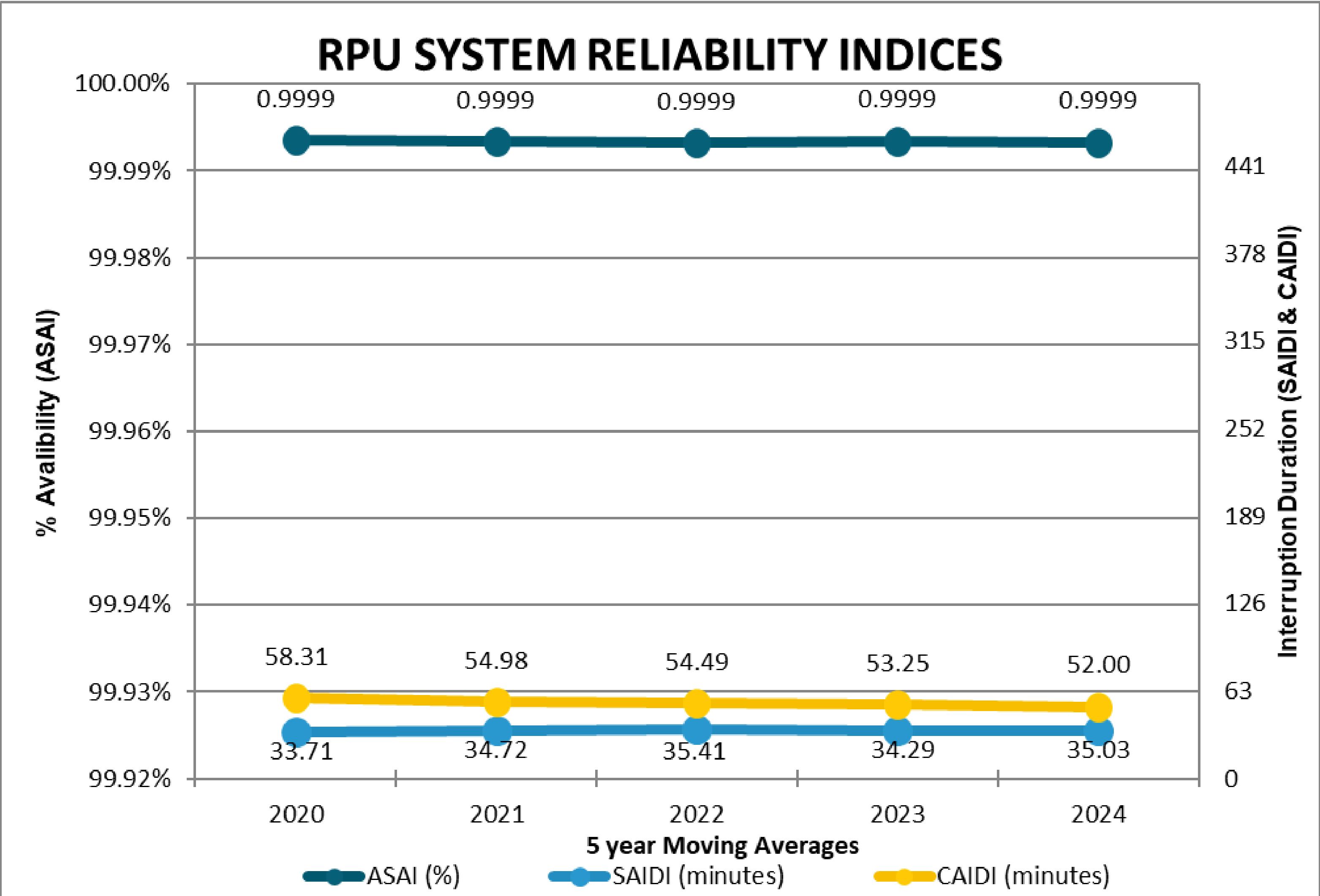








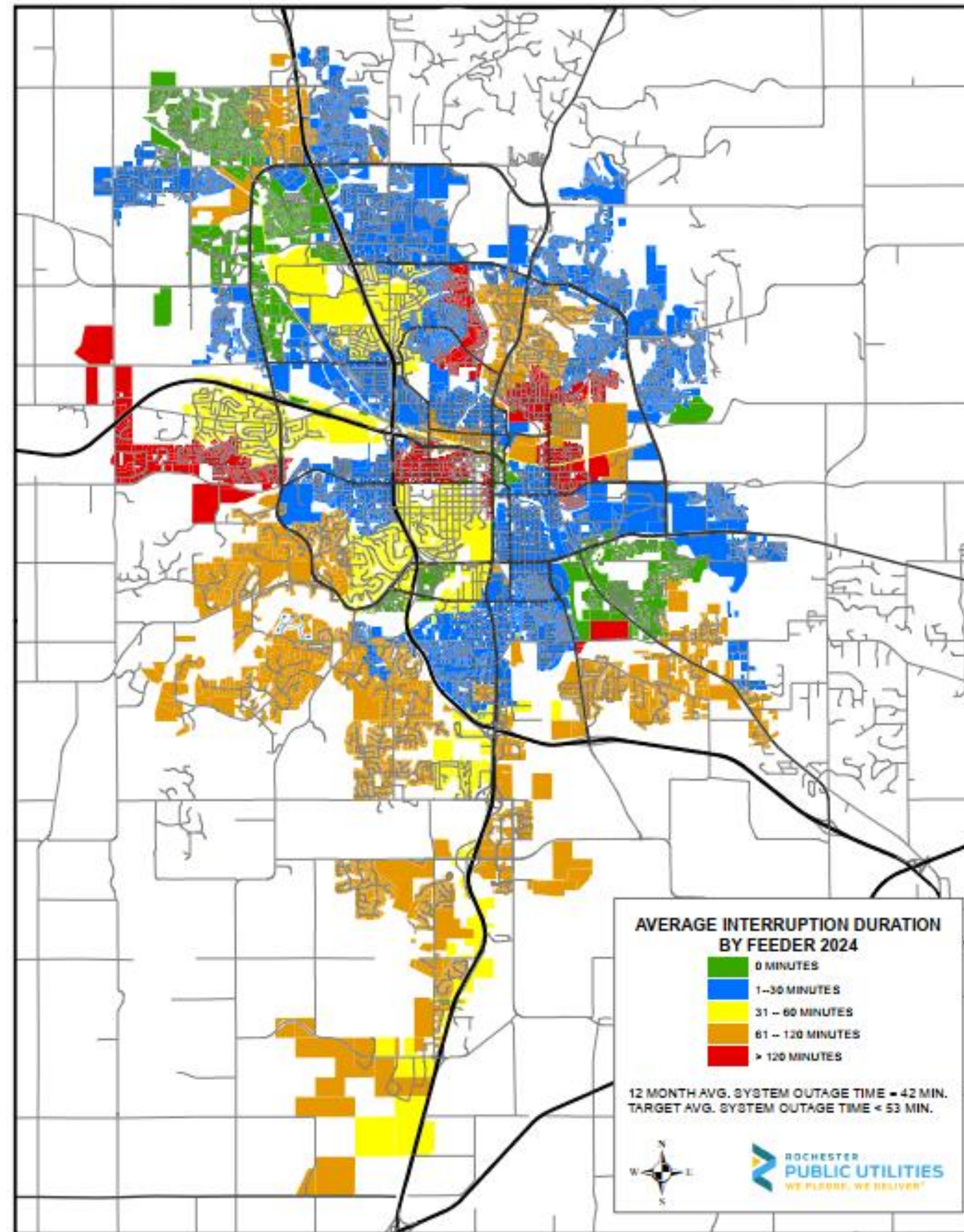




Reliability Comparison

Organization	Reliability Indices	
	CAIDI	SAIDI
RPU - 2024	57.6	42.84
Xcel Energy (MN) - 2023	168.41	158.87
APPA - Region 3 - 2023	75.97	46.77
People's Energy Coop - 2023	81.83	89.19





QUESTIONS