Peak Load Forecast Data Sheet

Organization Name: Sample Electric Utility

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Forecasted Peak Demand (in MW)

Year	Summer Peak	Winter Peak	Growth Rate (%)	Remarks
2024	1,050	940	-	Base Year
2025	1,092	978	4.0	Expected industrial expansion
2026	1,136	1,017	4.0	Ongoing growth
2027	1,181	1,057	4.0	-
2028	1,228	1,099	4.0	Forecasted new large customer

Key Assumptions

Parameter	Value	Comments
Load Factor	0.63	Historical average for last 5 years
Population Growth (%)	2.1	Based on city planning data
Industrial Activity	Moderate	Stable with some new entrants
Weather Normalization	Yes	Adjusted for 10-year average

Important Notes

- The forecast is based on historical data and assumes stable economic and weather conditions.
- Any significant industrial or commercial developments could impact future peak loads.
- Assumptions should be reviewed and updated annually for accuracy.
- Load forecasts are crucial for capacity planning, infrastructure investment, and regulatory compliance.