Phase 2: Model Evaluation Report

This report summarizes the performance of three forecasting models applied to synthetic hourly energy consumption data: Prophet, XGBoost, and Linear Regression. The models were evaluated using RMSE and MAE.

# Model Performance Summary

|  |  |  |
| --- | --- | --- |
| Model | RMSE | MAE |
| Prophet | 0.543 | 0.443 |
| XGBoost | 0.202 | 0.16 |
| LinearRegression | 0.273 | 0.22 |

# Comparison Plot

