

⚡ Smart Home Energy Monitoring Dashboard

Current Power Consumption (kW)

IoT System with ML-Powered Predictions | AAI-530 Module 5

High Power Alerts

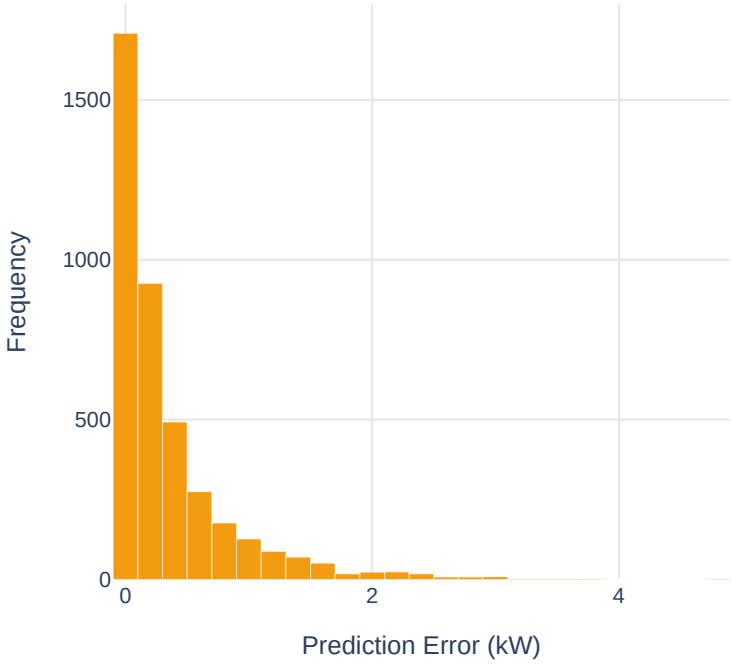
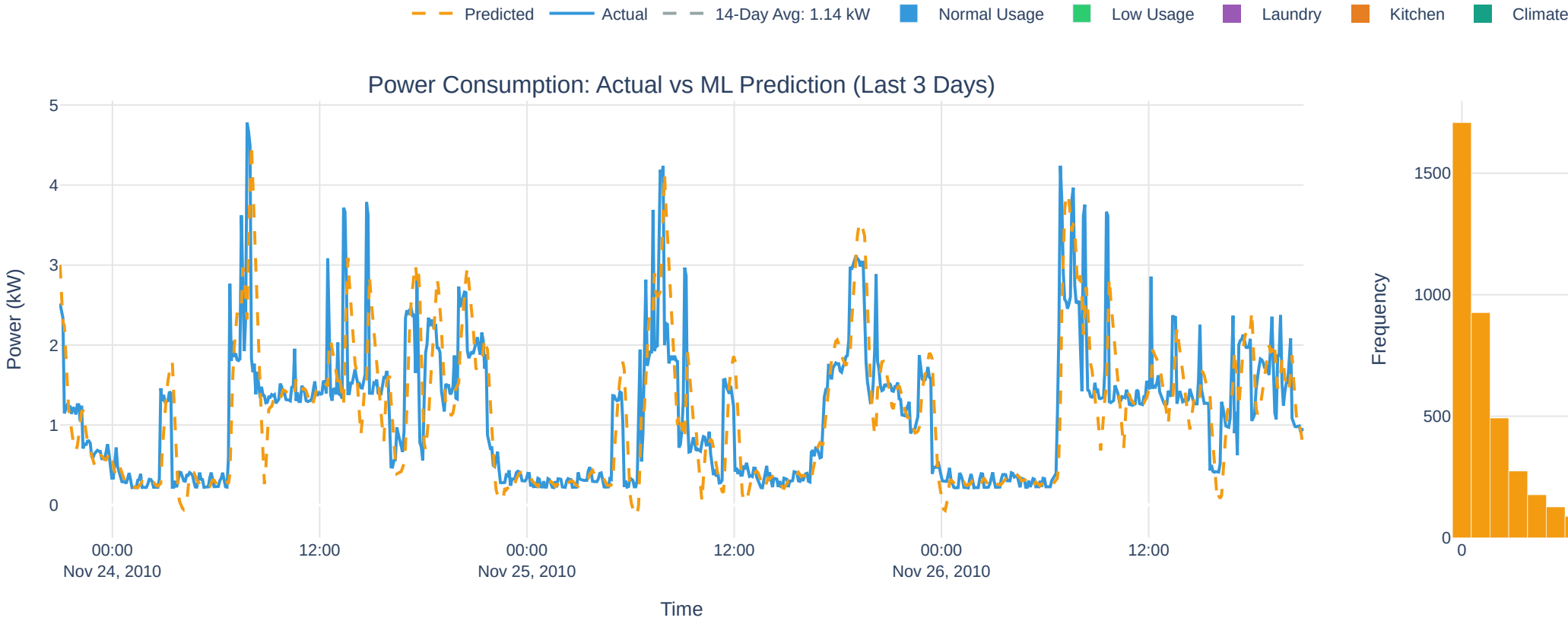
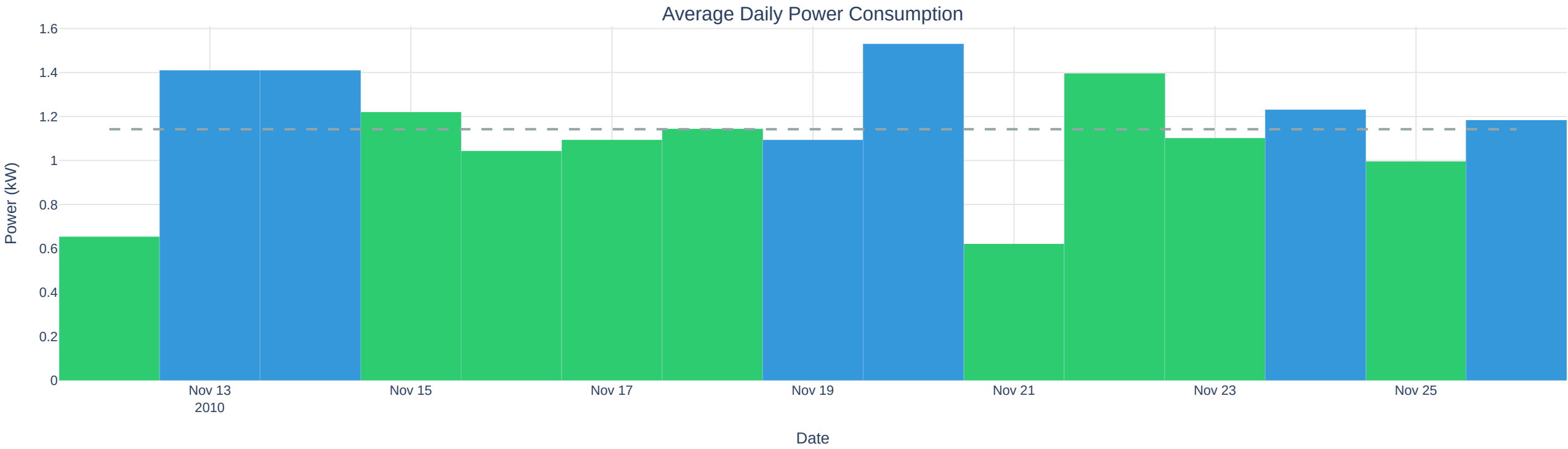
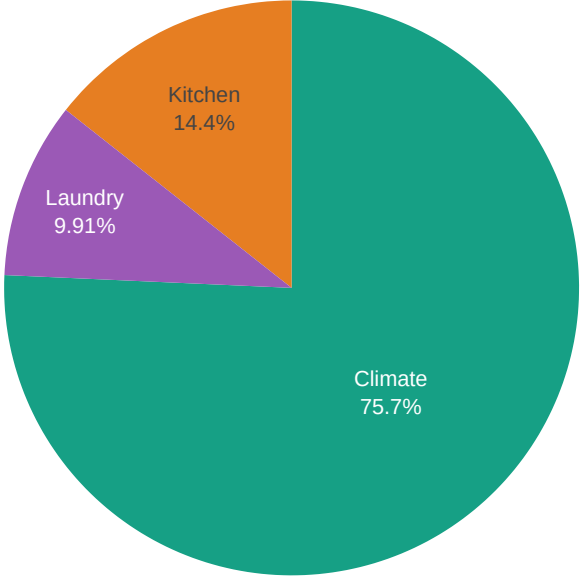
Low Usage

0.946 kW

>5 kW
Last 14 Days

19

Circuit Breakdown



ML Prediction Error Distribution

Metric	Value
Average Power	1.17 kW
Max Power	9.66 kW
Min Power	0.21 kW
High Power Alerts	19
Avg Prediction Error	0.354 kW
Data Points	4,032
Date Range	2010-11-12 to 2010-11-26