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# AI-Powered Predictive Analytics

Machine learning insights for proactive maintenance and optimization

AI Enabled

Export Predictions

7-Day Forecast

**18,245 MWh**

↗ +8.3% above average

Confidence

94.7%

Failure Risk

**4 Issues**

⚠ Predicted in 90 days

Highest Risk

Maint. Budget

**₹6.25 Lac**

⌚ Next 90 days estimate

Budget Used

Model Accuracy

**96.3%**

↗ +1.8% this month

Training Data

🕒

24 months

Generation Forecast

Failure Prediction

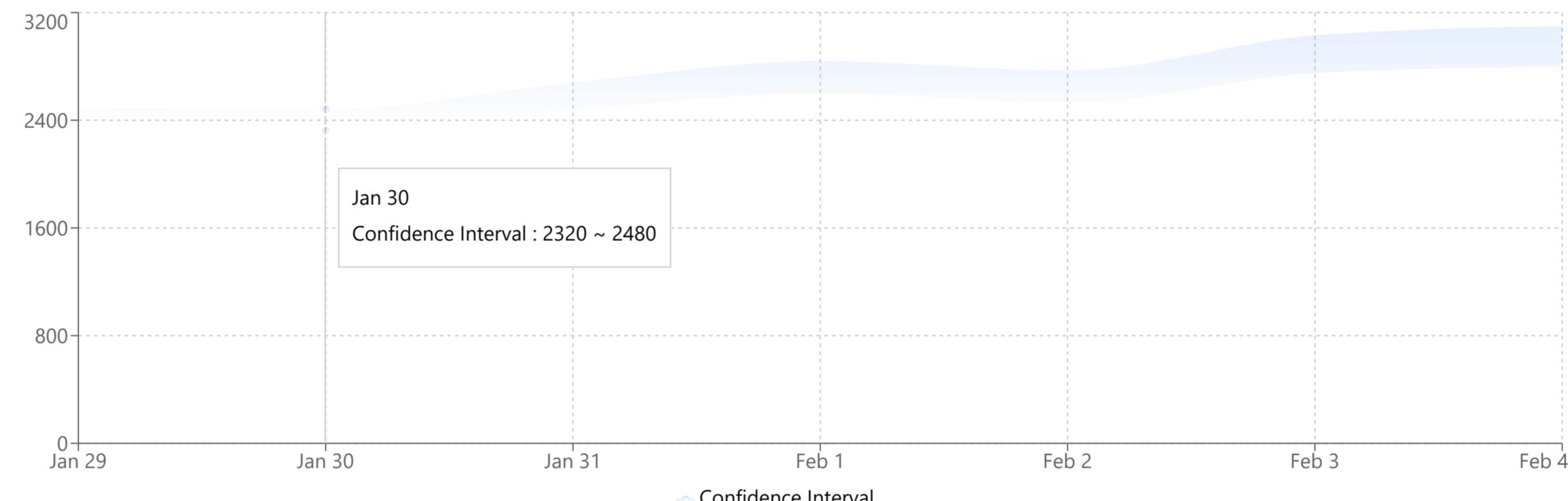
Degradation

Maintenance

Anomaly Detection

## 7-Day Generation Forecast with Confidence Intervals

AI-powered prediction based on weather patterns, historical data, and equipment performance



Tomorrow's Forecast

**2,580 kWh**

Range: 2,480 - 2,680 kWh

Weekly Total

**18,245 kWh**

+8.3% above baseline

Accuracy Score

**94.7%**

Based on 18 months data

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