

# Energy ML Model Dashboard

This dashboard presents the performance of supervised ML models — **Decision Tree** and **Random Forest** — used in energy prediction. It follows Edward Tufte's principles: **data density**, **minimal chartjunk**, and **clear comparisons**.

## 1.Model Evaluation Metrics

Metrics Table   Metric Comparison

Choose a metric to compare:

R<sup>2</sup> Score (Test)

R<sup>2</sup> Score (Test) Comparison Between Models



## 2.Actual vs Predicted (Log-Log Scale)

Highlight model:

☒ Decision Tree   ☐ Random Forest   ☐ Both

Decision Tree: Actual vs Predicted (Log-Log Scale)

Random Forest: Actual vs Predicted (Log-Log Scale)



### 3.Cross-Validation Results

Select model(s):

☒ Decision Tree ☐ Random Forest

	Model	CV
0	Decision Tree	1
1	Decision Tree	1
2	Decision Tree	1

### 4.Download Results

- Download Metrics CSV
- Download Predictions - Decision Tree
- Download Predictions - Random Forest
- Download CV Results CSV

Developed for Energy Analytics — Using Edward Tufte's Visualization Principles: Data-rich, Minimalist, Comparative.