

Energy Consumption Analyzer

Energy, Power & Renewables

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This guide explains what the tool produces, how to use the output, and what to watch for. The actual output (draft/report) is generated on the tool page.

Background

Analyses a facility energy consumption from your bill data — trend of monthly units and cost, the cost drivers (energy charge, demand charge, power factor, TOD) and benchmarks (specific energy consumption vs norm) — and surfaces opportunities. Use this to understand where your energy and money go. For demand-charge reduction specifically use the Load Profile & Demand Analysis tool.

Purpose of this tool & output

Understand where your energy goes

How the output is used

Use it to understand where your energy and money go from bill data — trend, cost drivers and benchmarks — and to surface savings.

Who should vet it

An electrical engineer or energy auditor, to confirm the cost drivers against your actual tariff and meter data.

Important cautions

AI-generated analysis; based on the data you provide.

Companion documents

- Energy Audit Plan
- Energy Efficiency Assessment
- Load Profile & Demand Analysis
- Power Factor Improvement Guide
- Energy Conservation Measures (ECM)
- Energy Benchmarking Tool

This is AI-assisted guidance. Verify with a qualified professional before any binding decision. Fees, authorities and processes vary by state and change over time — confirm with your state authority.