

Load Profile & Demand Analysis

Energy, Power & Renewables

Document type: Financial model / analysis · Generated 27 Aug 2026

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 load profile and demand to cut demand charges — comparing contract vs maximum demand, when peaks occur and their charge impact, then reduction measures (load shifting, staggering, optimisation, contract-demand review). Use this specifically to reduce demand-related billing. For overall consumption use the Energy Consumption Analyzer.

Purpose of this tool & output

Cut demand charges and peak loads

How the output is used

Use it specifically to cut demand charges — contract vs maximum demand, when peaks occur and reduction measures like load shifting.

Who should vet it

An electrical engineer, before you change the contract demand with the DISCOM or invest in load-shifting equipment.

Important cautions

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

Companion documents

- Energy Audit Plan
- Energy Efficiency Assessment
- Energy Consumption Analyzer
- 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.