

PowerSight — Key Features

Actionable Energy Insights

Feature #1 — Problem Diagnosis: Status Dashboard & Load Analysis

1. Peak and tariff risk diagnosis

- Identifies when peak-tariff charges occur and how much headroom remains relative to the contracted power capacity.

2. Base load vs. variable load segmentation

- Foundational data for calculating DR/VPP curtailment potential, ESS peak-shaving effect, and PV self-consumption feasibility.

3. Early detection of abnormal usage patterns

- Automatically flags abnormal patterns — such as usage spikes or unusual increases in base load — by comparing monthly and daily usage.
- Detects equipment issues or operational inefficiencies before an unexpectedly high bill arrives.

4. Establishing a rate-based basis for savings

- Daily and monthly tariff analysis shows “how much was actually paid,” not just raw usage — enabling sales staff to propose concrete savings figures to customers.

⇒ Assess DR/VPP suitability → Review ESS/PV feasibility → Follow-on proposal

Feature #2 — Solution: AI Report & Economic Feasibility Verification

1. AI Report — Instantly turning analysis into proposal material

- Built on the energy-data analysis engine, AI automatically generates reports within 1–2 minutes.
- Enterprise customers receive up to two additional customized report types.
- Cuts a diagnostic report that used to take sales staff several days down to a few minutes, and standardizes report quality when handling multiple customer accounts.

2. Economic Analysis — Data-driven business scenarios, not guesswork

- Simultaneously reviews the feasibility and economics of PV, ESS, and DR/VPP adoption.
- Results are presented as simulations using actual power-usage data (measured, not assumed).

Actionable Energy Insights — Process Overview

Stage	Item	Logical Role
① Diagnose the Problem	Load Analysis — Usage pattern analysis	“What does this customer's power usage look like?” — structures raw data into hourly, daily, and monthly patterns.
	Cost structure & peak-risk diagnosis	Converts that pattern into “money” — quantifies the tariff structure and peak-occurrence risk.

Stage	Item	Logical Role
② What to do?	Economic Analysis — Savings-potential forecasting	Simulates “what to do, and how much can be saved” — reviews the economics of PV, ESS, and DR/VPP adoption.
	Automatic AI report generation	Automatically documents the forecast results into evidence the customer can immediately understand.
③ Execution	Action Plan — Execution priority	Determines, among multiple sites/customers, “where to act first for the greatest impact.”
	Connecting follow-on opportunities	Extends beyond diagnosis and proposal into real business/revenue — tariff optimization, Self-DR consulting, and more.

Core Logic

The diagnosis stage proves “what the problem is” with data; the economic-analysis stage verifies “what action pays off” in numbers; and the final execution stage converts that into “what to do first” — real action and real revenue.