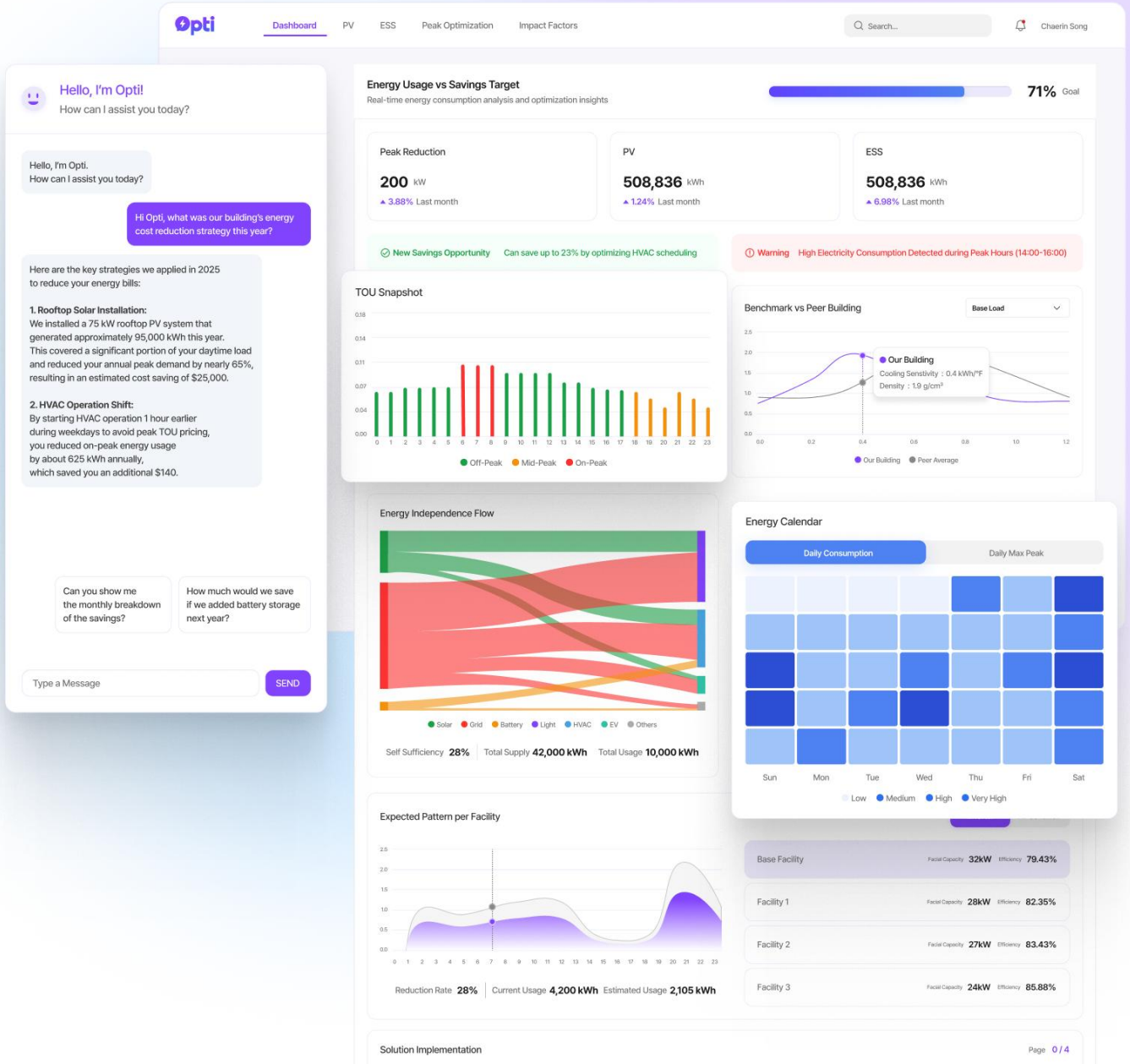
ninewatt

Talk to your data. Cut your energy costs with Opti

Opti turns complex building energy data
into simple, natural conversations.
Ask questions, get personalized simulations,
and unlock meaningful savings
for any building—smarter and faster.



Building Energy Experts with Expertise

Opti

Founded Year
2019

Number of Projects
~60 Projects

Major Investments
$3.5M

LS ELECTRIC
bluepoint
SID VENTURE PARTNERS
KDIT

Previous Year's Sales
$1.5M

CEO

Youngrok Kim

Building energy specialist
with 10+ years experience
M.S. in U-City Engineering
Led 200+ building energy projects

CTO

Sanglin Park

AI engineer with 10+ years
at top Japanese AI lab
M.S. in U-City Engineering
Senior developer

CRO

Donghyuk Lee

Ph.D. in Building Energy Simulation
Former researcher at KTL, KICT
Adj. Professor at SKKU

COO

Rang Kim

M.S. in Architectural Engineering
Global project manager
with 4+ years in B2B biz dev.

Who We Are - Ninewatt

Ninewatt is a company specializing in AI-powered building energy solutions.

Cost Savings Support

Building Energy Efficiency Improvement

Carbon Reduction

Solutions

Green Planner

Open Data–Based Building Energy Diagnosis and Retrofit Proposal Solution

SAVE-E

Portfolio-Level Building Energy Tracking and Benchmarking Dashboard

Insight-E

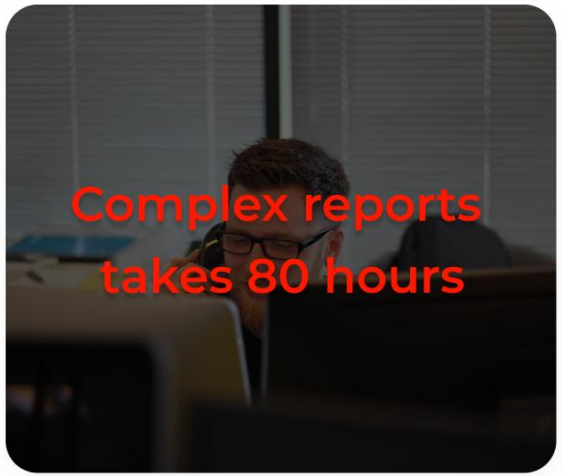
Power Optimization and Cost-Saving Reports for Individual Buildings

Community ESS and PV

Power Producers and Shared ESS Operators for Smarter Grids

Bridging energy data with real-world performance

The Challenge



Employees cannot interpret them, leading to frequent phone calls

Manual tracking of generation and difficult handovers

Building owners and tenants cannot decide between “penalty vs. investment”

Plenty of data, but a lack of interpretation and actionable execution.

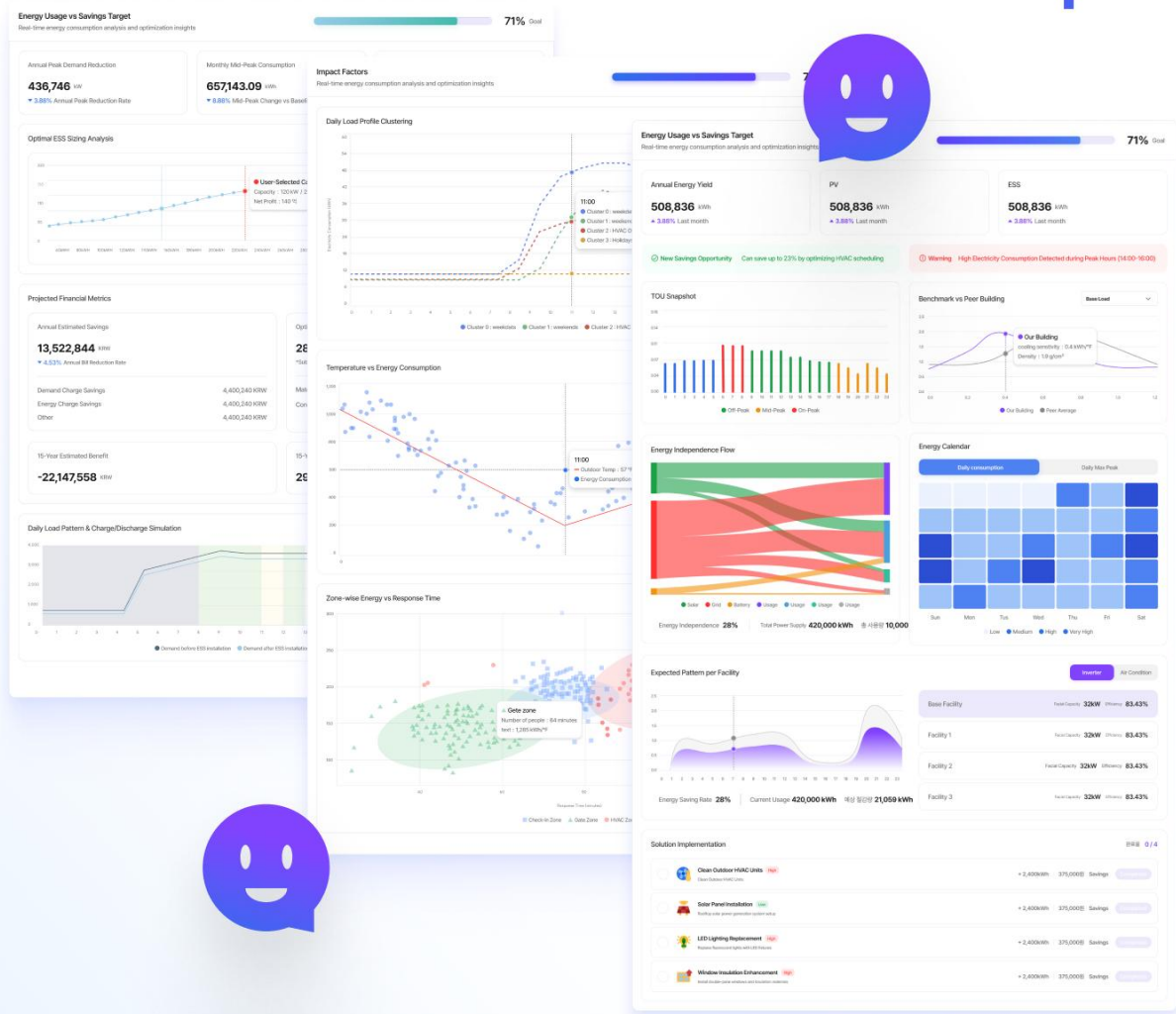
What We Offer Today

Facility Investment Simulation
(PV, ESS ROI Analysis)

Impact Factor Analysis
(Weather, Occupancy, and Other Influences)

Benchmarking with Similar Buildings

Tariff Analysis and Cost-Saving Strategies



Investment Insights & Diagnostics, Powered by Natural Language

Energy Overview

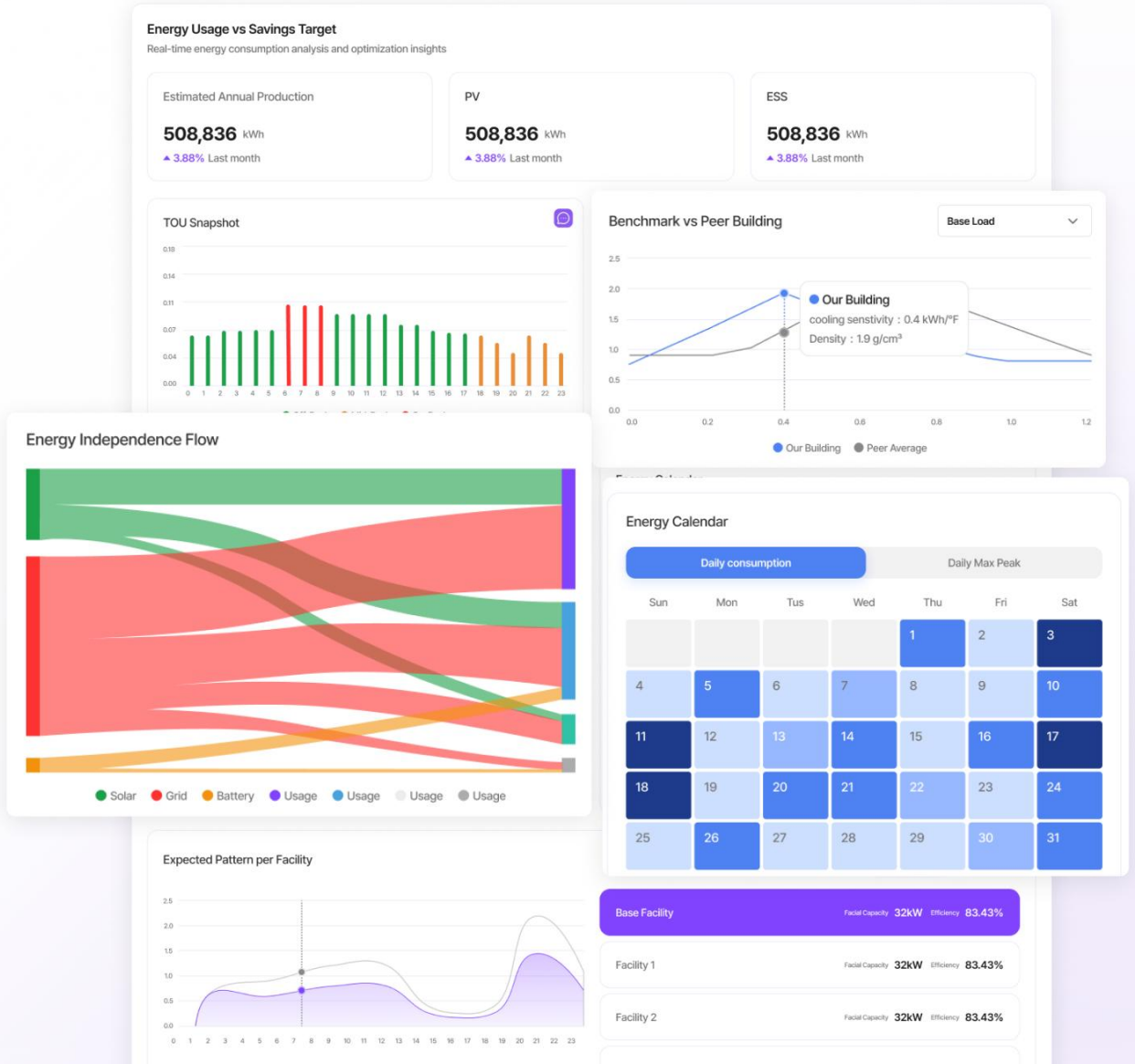
Understand building’s energy behavior

Energy at a Glance
Comprehensive snapshot of building performance and key metrics

From Tariff to Operation
Include TOU rates, building info, and contract details

Tracking What Matters
Visualize energy independence, monthly peaks, and total usage

Benchmark for Better Decisions
Compare performance with similar buildings to uncover savings potential



Impact Factor Analysis

What Caused your Energy Consumption to be so High?

From Data to Actionable Energy Savings

Capturing correlations between impact factors and energy patterns

Identify High-Cost Patterns

Turning insights into targeted cost-saving strategies

Enhancing Comfort While Reducing Energy Use

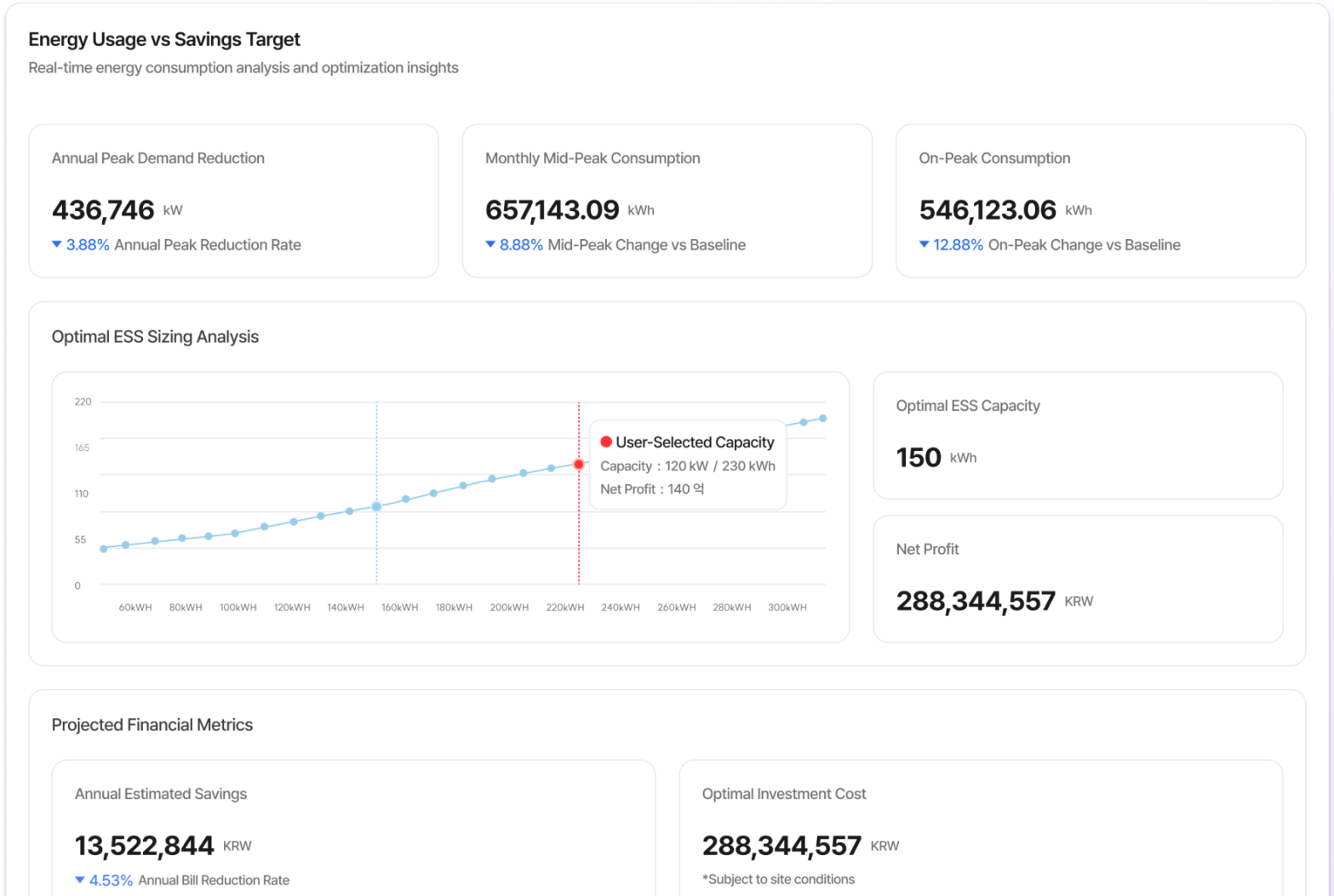
Revealing which systems should be optimized or replaced

Energy Storage System(ESS) Installation Analysis

Store the surplus energy to maximize the benefit

Simulating Energy & Cost Savings
Depends on the ESS Spec. and Energy Patterns

Suggesting Optimal Capacity of ESS
Considering Investment Costs and Market Price



Saving Peak Demand Using ESS
Economic Benefits with Grid Flexibility

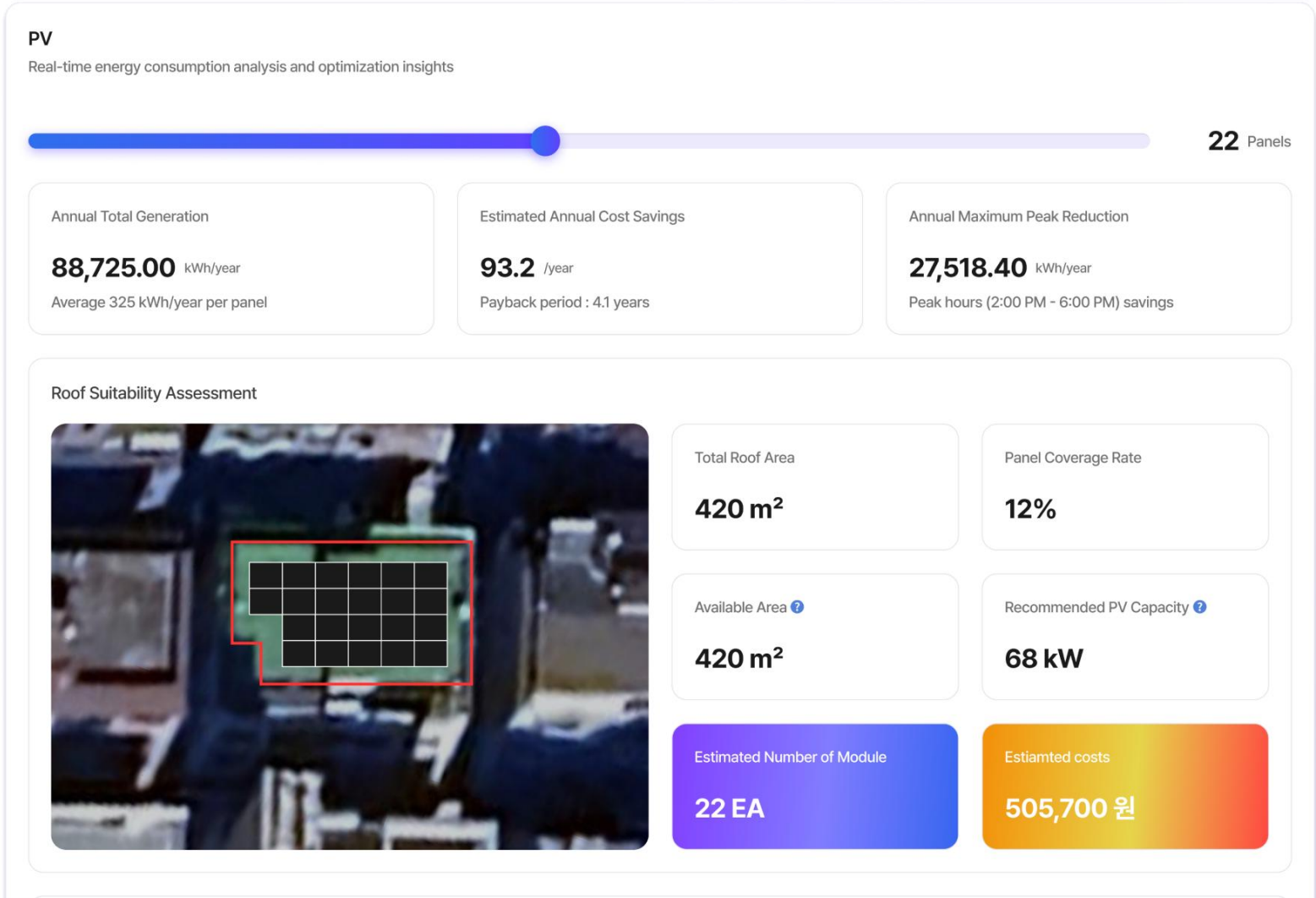
Net Profit Considering the LCC of ESS
15-Year of ESS Performance & Market Trend

Solar Panel Installation Analysis

Opti finds Optimal Solar Panel Option

Simulating Energy & Cost Savings
Considering Past Energy Consumption

Suggesting Optimal Number of Panels
Considering Shape of Rooftop

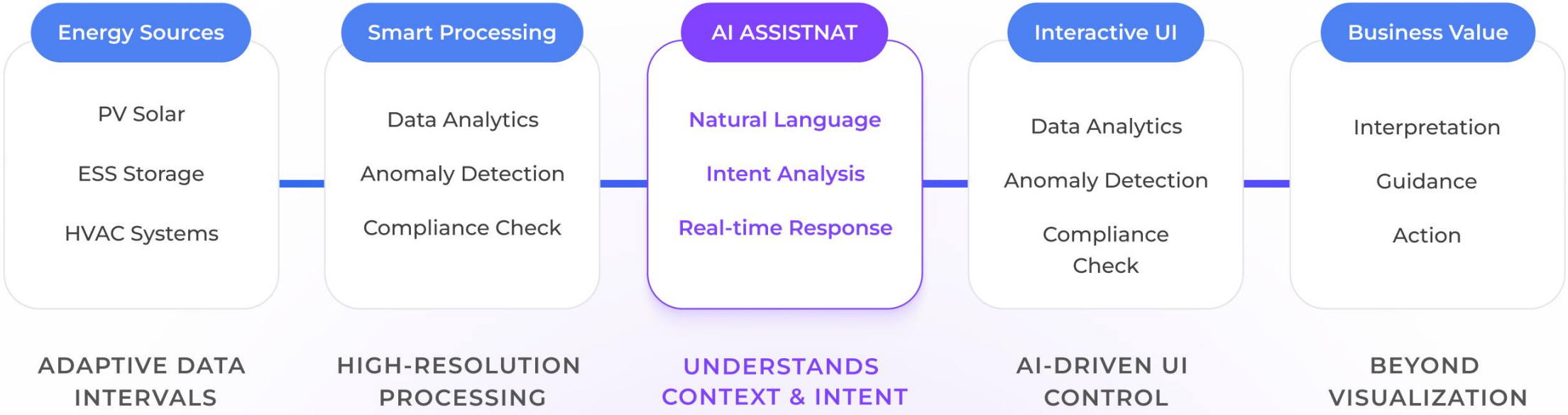


Adjusting the Number / Spec. of Solar Panel
No Matter Which Options Are you Looking for

Localized Cost for Installing Solar Panels
Enhancing the Accuracy of Economic Analysis

The Technology Behind

AI-Powered Conversational Energy Management System



The Technology Behind

Beyond Visualization: Actionable Energy Insights

Legacy EMS	OPTI
Data visualization only	Natural Language Insights
Limited contextual insights	Interactive Experience
No actionable guidance	Seamless Integration
Static reporting	Advanced Analytics Engine

Hybrid Data Flow
Automated + On-Demand Analysis

AI Conversation Engine
Natural Language Understanding

Advanced Analytics
Predictive & Prescriptive Insights

Actionable Intelligence
From Data to Decision

Business Impact

Validated with
more than 100 buildings

Utility Companies

SINANEN · LS ELECTRIC · 한국전력공사 KOREA ELECTRIC POWER CORPORATION

Research Institutes

KICT 한국건설기술연구원 · UCL · MAPMORTAR · HEC PARIS

Governments

ゆき みず だいち つなんまち · 경기도 GYEONGGI-DO · Goyang · KALIS 국토안전관리원 · 강남구 GANG NAM GU

Cost Savings

Up to 12%

Energy Cost Reduction

Report Automation

80% Less Time

Spent on M&V Reports

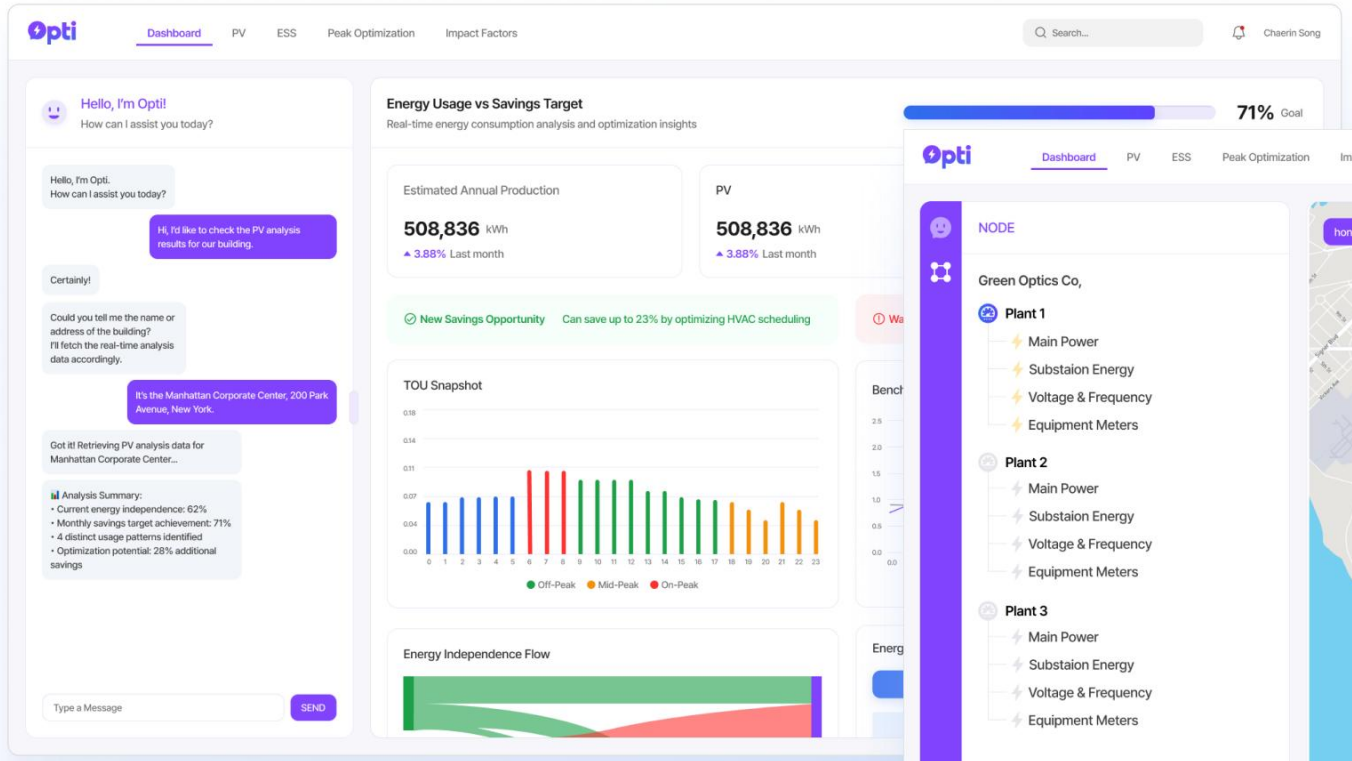
Fast Deployment

0 Hardware Required

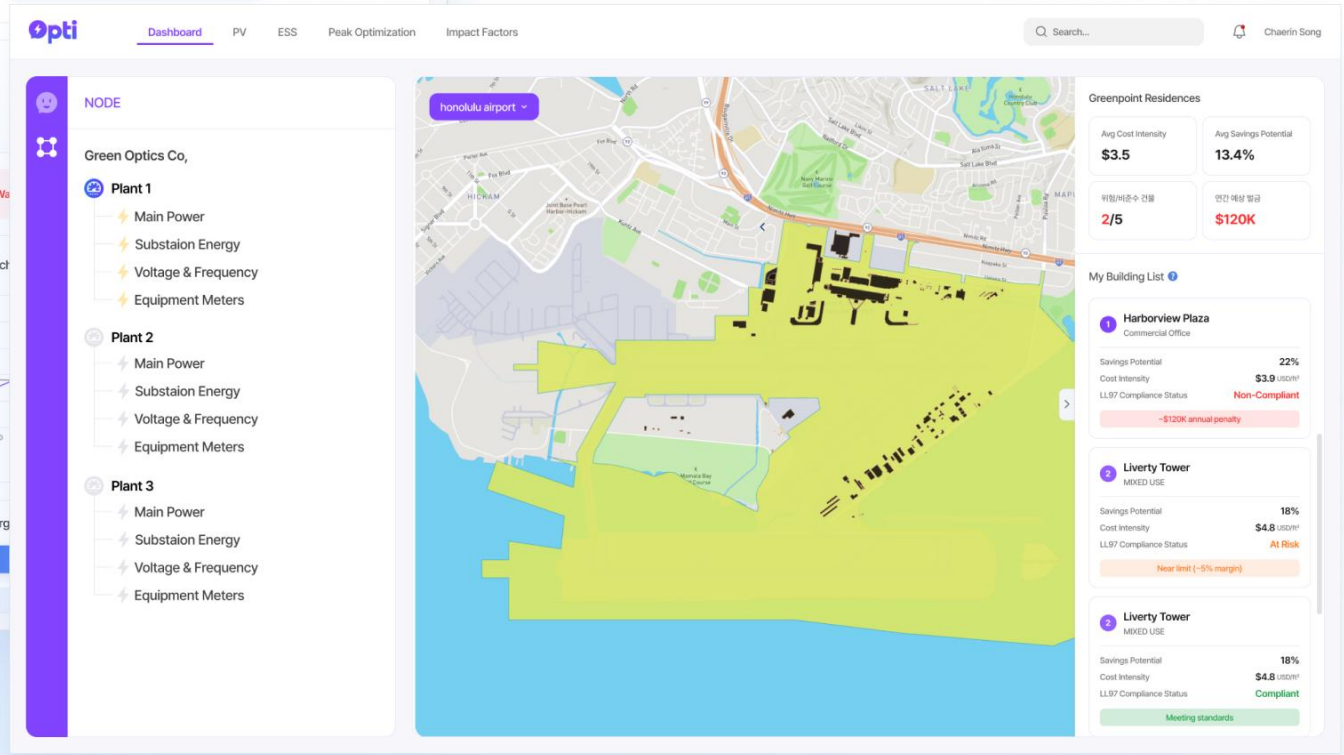
Uses Existing Smart Meter Data

From Small Buildings to Global Platforms

Small-scale Building Managers



Business Customers



SaaS + OEM: Scaling Through Partners

SaaS Subscription + Modular Feature Pricing

Flexible plans tailored to customer needs

Standard

Core insights for single site

$700 per month

$7,000 billed annually

SIGN UP

Professional

Anvanced analytics & ROI

$1,200 per month

$12,000 billed annually

SIGN UP

BESTSELLER

Business

API, dashboard, portfolio tools

$2,500 per month

$30,000 billed annually
(up to 5 buildings)

SIGN UP

Enterprise

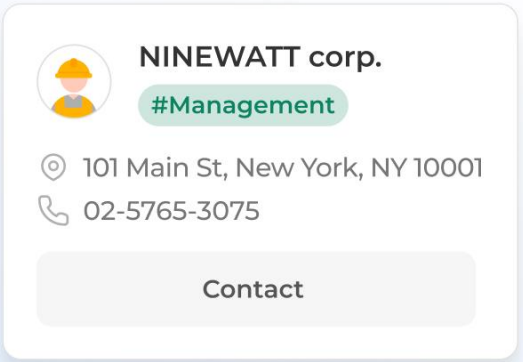
White-label / integration
/ multi-siter bulk

Custom Pricing

CONTACT US

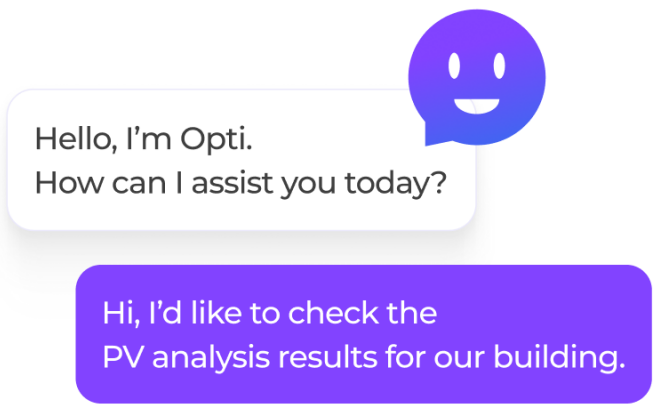
OEM / API Strategy
→ Integration into BEMS & ESCO Platforms

Embedding into existing
energy management ecosystems



Vision

Opti, AI-Powered Energy Copilot



- Helping every owner, manager, and partner make **smarter, greener decisions**
- Turning regulatory pressure into **opportunities for cost savings and sustainability**
- Scaling with global leaders to make buildings **more efficient and resilient**
- Driving the transition toward a **low-carbon built environment**

Opti × ninewatt

Make your building smarter

Get in touch to pilot Opti in your building today.

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