



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.

The image shows the Opti platform interface. On the left, a conversational AI window titled "Hello, I'm Opti" asks, "How can I assist you today?". Below this, a message from the user asks, "Hi Opti, what was our building's energy cost reduction strategy this year?". The AI responds with two sections: "1. Rooftop Solar Installation" and "2. HVAC Operation Shift". The "Rooftop Solar Installation" section details a 75 kW system that generated 95,000 kWh, saving \$25,000. The "HVAC Operation Shift" section details shifting operation 1 hour earlier to avoid peak TOU pricing, saving \$140 annually. On the right, the main dashboard displays "Energy Usage vs Savings Target" with a 71% goal, "Peak Reduction" (200 kW, +3.88% last month), "PV" (508,836 kWh, +1.24% last month), and "ESS" (508,836 kWh, +6.98% last month). It also shows a "New Savings Opportunity" for HVAC scheduling and a "Warning" for high electricity consumption during peak hours. Below these are "TOU Snapshot" (a bar chart of energy usage by time of use), "Benchmark vs Peer Building" (a line graph comparing cooling sensitivity and density), "Energy Independence Flow" (a Sankey diagram of energy sources and usage), "Energy Calendar" (a heatmap of daily consumption and peak levels), and "Expected Pattern per Facility" (a line graph showing usage patterns for three facilities with metrics like reduction rate and current/estimated usage). The bottom right shows "Base Facility" and "Facility 1-3" details with their respective capacities and efficiencies.

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



Insight-E
automatic
reports

Employees cannot
interpret them, leading
to frequent phone calls



PV inverter
failures

Manual tracking of
generation and difficult
handovers



Building owners and tenants
cannot decide between
"penalty vs. investment"

There is plenty of data, but a lack of interpretation
and actionable execution.

What We Offer Today - Opti



Facility Investment Simulation
(PV, ESS ROI Analysis)



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

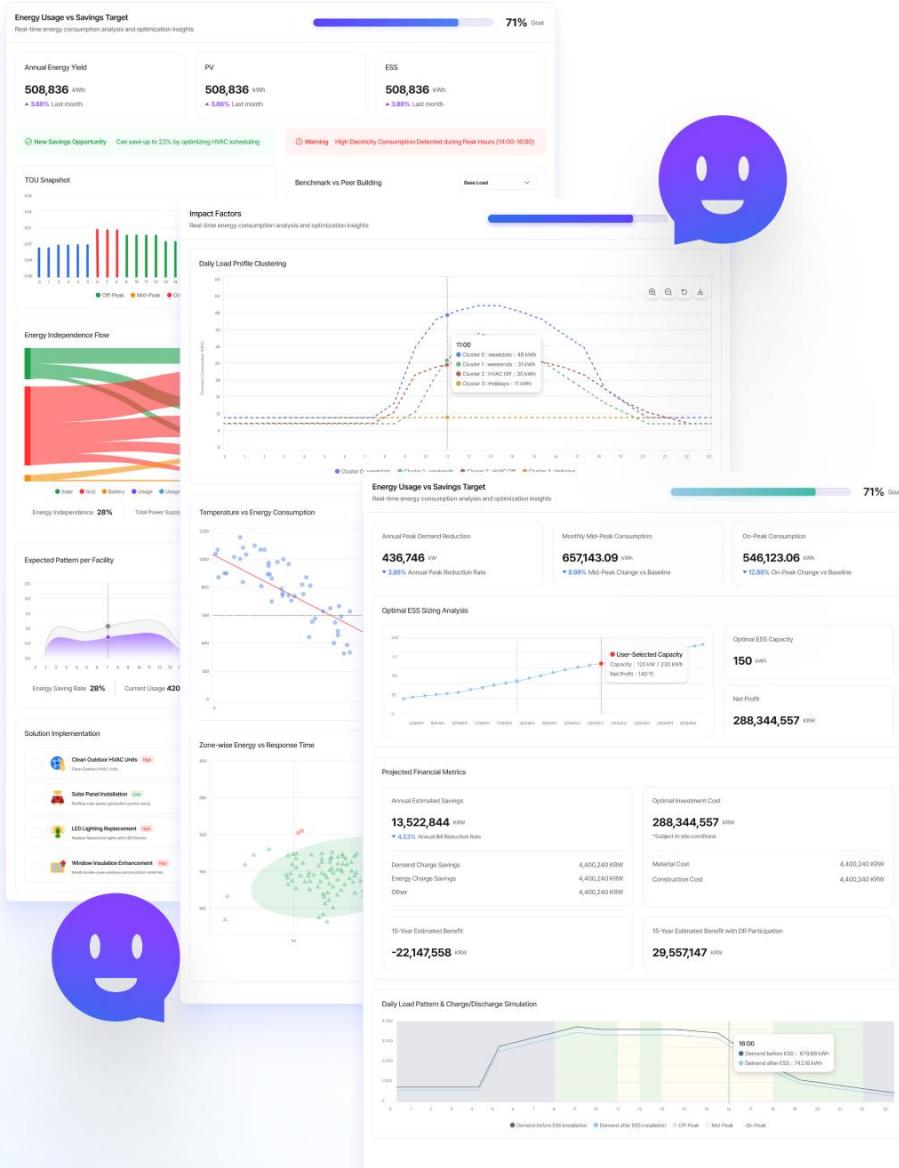


Benchmarking with Similar Buildings



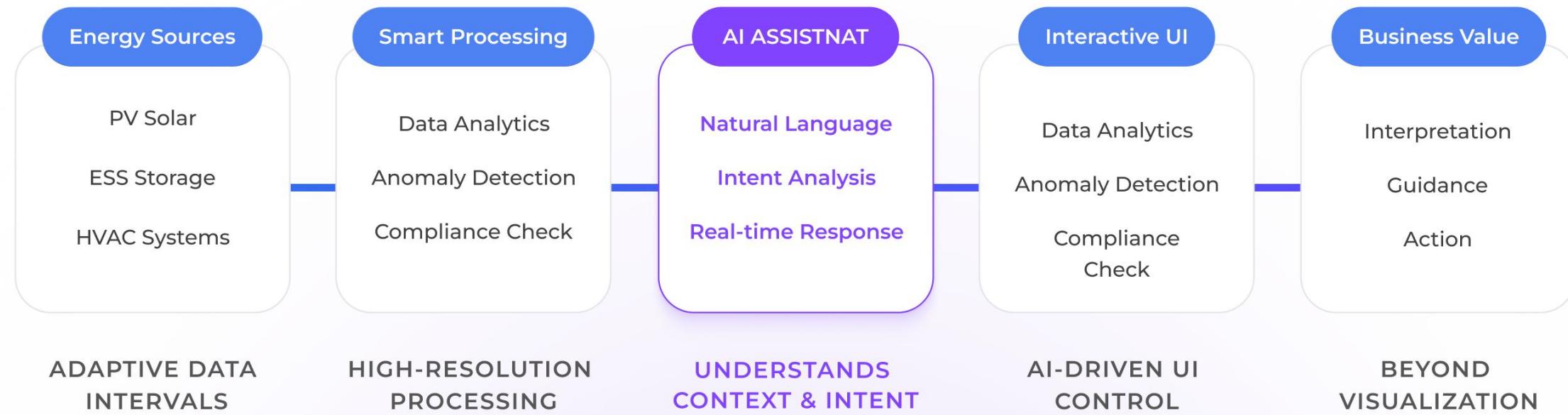
Tariff Analysis and Cost-Saving Strategies

**Investment Insights & Diagnostics,
Powered by Natural Language**



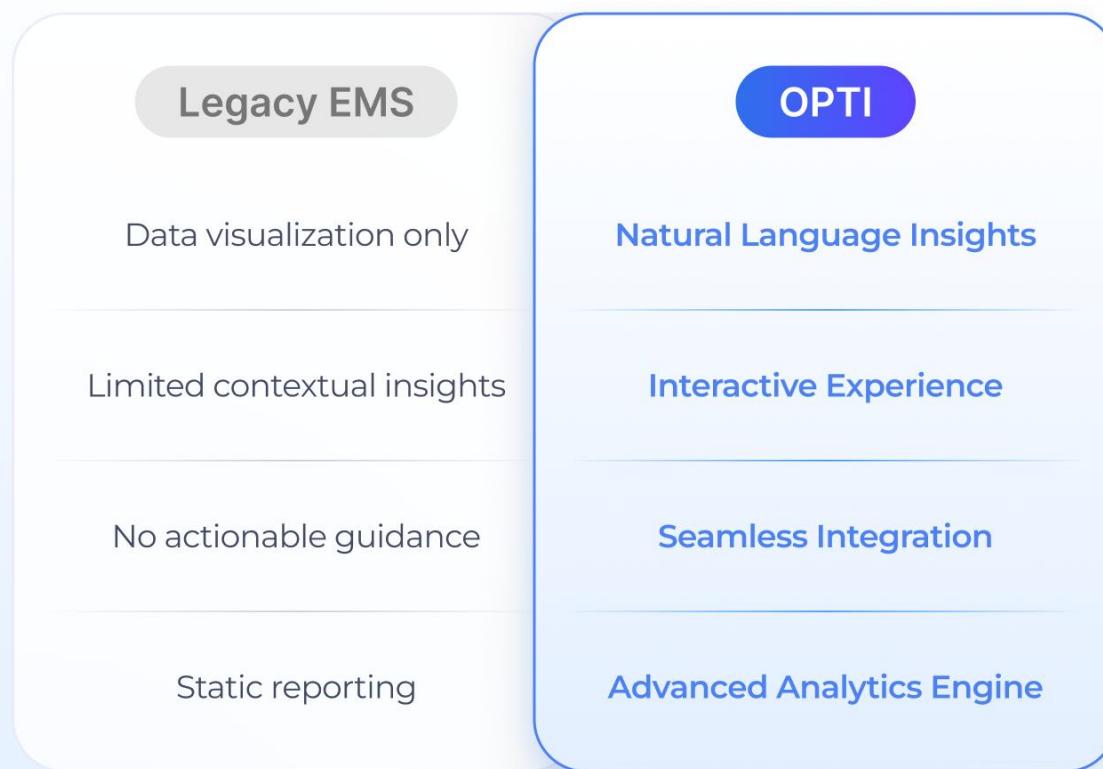
The Technology Behind Opti

AI-Powered Conversational Energy Management System



The Technology Behind Opti

Beyond Visualization: Actionable Energy Insights



Hybrid Data Flow

Automated + On-Demand Analysis



AI Conversation Engine

Natural Language Understanding



Advanced Analytics

Predictive & Prescriptive Insights



Actionable Intelligence

From Data to Decision

What's Next

Supporting the Entire Lifecycle:
From Investment to Regulatory Compliance



Optimization Guide (Regulation Avoidance vs Efficiency Decisions)

Empowering everyone to understand data and make optimal decisions.



Anomaly Detection & Fault Prediction (e.g. PV Inverter Auto-Detection)

Embedding into existing energy management ecosystems



Integration of Operational Data (PV, ESS, HVAC)

Flexible plans tailored to customer needs

From Small Buildings to Global Platforms

Individual / Small-scale Managers

Opti Dashboard PV ESS Peak Optimization Impact Factors

Hello, I'm Opti! How can I assist you today?

Hello, I'm Opti. How can I assist you today?

Hi, I'd like to check the PV analysis results for our building.

Certainly!

Could you tell me the name or address of the building? I'll fetch the real-time analysis data accordingly.

It's the Manhattan Corporate Center, 200 Park Avenue, New York.

Get it! Retrieving PV analysis data for Manhattan Corporate Center...

Analysis Summary:

- Current energy independence: 62%
- Monthly savings target achievement: 71%
- 4 distinct usage patterns identified
- Optimization potential: 28% additional savings

Type a Message SEND

Energy Usage vs Savings Target
Real-time energy consumption analysis and optimization insights

Estimated Annual Production
PV: 508,836 kWh (▲ 3.88% Last month)

TOU Snapshot
A bar chart showing energy usage across 24 hours, color-coded by peak type: Off-Peak (green), Mid-Peak (orange), and On-Peak (red).

Energy Independence Flow
A 3D bar chart showing energy independence flow between different energy sources.

Enterprise Customers

71% Goal

Opti Dashboard PV ESS Peak Optimization Impact Factors

NODE
Green Optics Co, **Plant 1**

- Main Power
- Substation Energy
- Voltage & Frequency
- Equipment Meters

Plant 2

- Main Power
- Substation Energy
- Voltage & Frequency
- Equipment Meters

Plant 3

- Main Power
- Substation Energy
- Voltage & Frequency
- Equipment Meters

honolulu airport

Greenpoint Residences
Avg Cost Intensity: \$3.5, Avg Savings Potential: 13.4%
위험비중수준: 2/5, 연간 예상 절감: \$120K

My Building List
Harborview Plaza Commercial Office
Savings Potential: 22%, Cost Intensity: \$3.9 (USDT), LL97 Compliance Status: Non-Compliant (~\$120K annual penalty)
Livery Tower MIXED USE
Savings Potential: 18%, Cost Intensity: \$4.8 (USDT), LL97 Compliance Status: At Risk (Near limit (-5% margin))
Livery Tower MIXED USE
Savings Potential: 18%, Cost Intensity: \$4.8 (USDT), LL97 Compliance Status: Compliant (Meeting standards)

SaaS + OEM: Scaling Through Partners

SaaS Subscription + Modular Feature Pricing

Flexible plans tailored to customer needs

Pricing Table	Standard Plan	Pro Plan	Enterprise Plan
Price	\$500 / month \$5,000 / year	\$800 / month \$8,000 / year	\$2,500 / month \$30,000 / year
Energy Simulation	✓	✓	✓
Impact Factor	✓	✓	✓
PV, ESS, etc.	✗	✓	✓
Custom Map Layers	✗	✗	✓
Target Users	Basic users	Professionals / Institutions	Large-scale / City projects

OEM / API Strategy → Integration into BEMS & ESCO Platforms

Embedding into existing
energy management ecosystems



NINEWATT corp.
#Management

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Contact

Vision

Opti, AI-Powered Energy Copilot



Hello, I'm Opti.
How can I assist you today?

Hi, I'd like to check the
PV analysis results for our building.

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**

Thank you

Beyond data, into decisions — Opti is your true energy copilot.