



DualThermal™ Storage

Thermal Storage For Buildings and Data Centers



Experienced and Motivated Team

Founding Team



Jonathan Haran, Eng.

Co-Founder & CEO

Thermal systems & product lead, energy veteran, ex-founder



Peter Ahcin, Ph.D.

Co-Founder & CTO

Former founder, PhD in multi-energy systems. Control & software lead



Moshe Tshuva, Ph.D.

Principal Researcher

Leading thermodynamics professor, Inventor, ex-founder



Dan Sagie, Ph.D.

Chief Scientist

Applied thermodynamics & complex system modelling



Dov Barak, Eng.

Control Expert

Industry leader in controls, electronics & national energy programs



Omer Eilat

CBO



Omri Salomon, Eng.

R&D Manager
MSc. Eng. + Geophysics



Hadar Shpack, M.Sc.

R&D Eng.
MSc. Materials

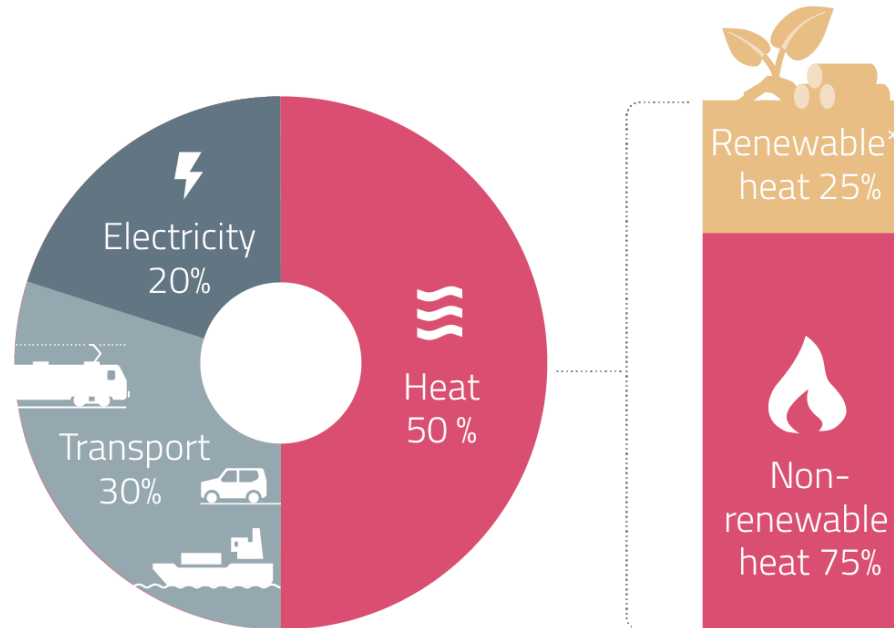


Ido Ben Yehuda

Executive Adviser
Energy & Defense tech

50% of Global Energy is Thermal

Global final energy use



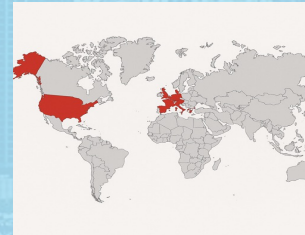
Buildings and Data Centers Need Storage

Challenge

- 💰 Complex time-based tariffs
- ☁️ CO₂ Carbon tax - NYC: 268 \$/tCO₂
- ⚡ Increasing Blackouts

Opportunity

Global Market
\$139B



NYC Market
\$12.5B



Current Solutions Cannot Deliver

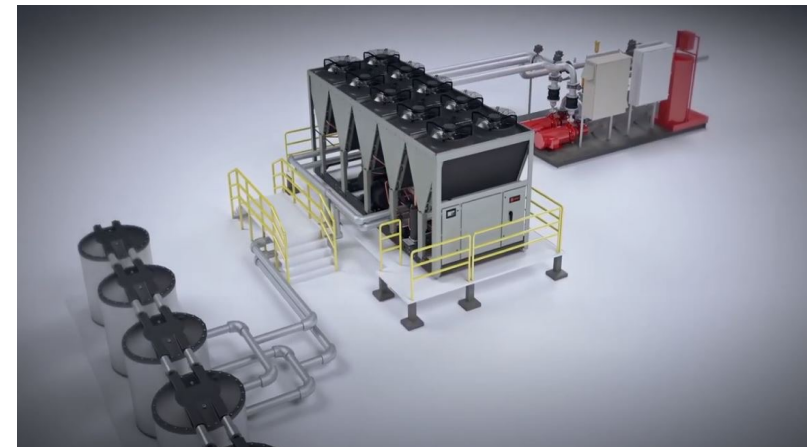
No safe, economical option today

Li-ion batteries



- ✗ Not fire-safe
- ✗ Can't capture thermal energy
- ✗ Degradation and low cycles

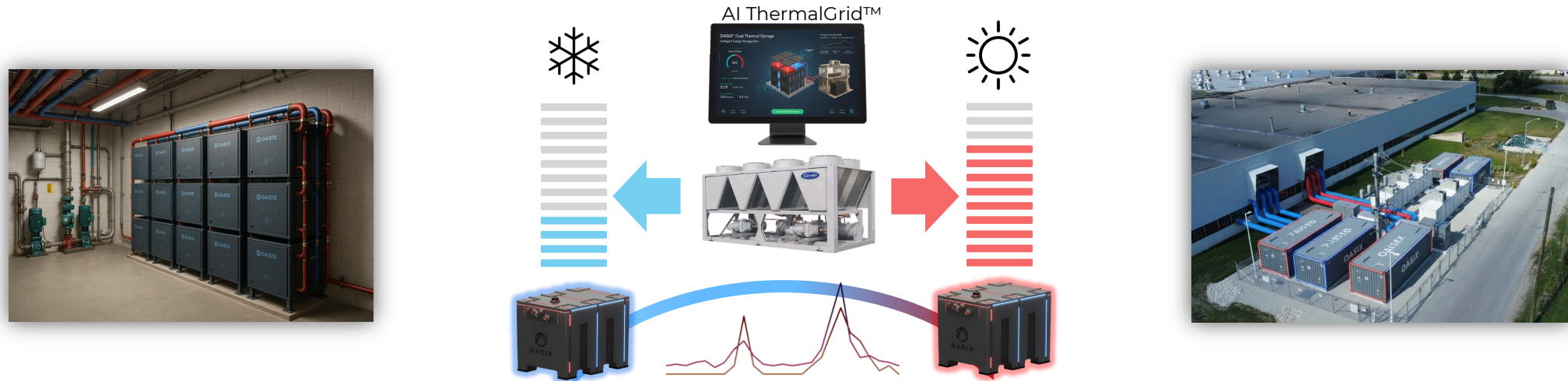
Existing Thermal Storage



- ✗ Bulky and large footprint
- ✗ High energy losses
- ✗ Heat or cold = low utilization

DualThermal™ Storage Technology

Storing Both Hot & Cold Energy – High utilization, High Performance



- ✓ 100% Fire-Safe, High-Density
- ✓ Captures All Thermal Wastes
- ✓ No Degradation for 10,000 cycles

- ✓ Modular, Scalable
- ✓ 95% Round Trip Efficiency
- ✓ AI-Orchestrated

Unit Economics – NYC Building Project

Payback Period
2.1 years

10-Year Savings
\$1,460,000



ENPOWER

OASIX 1 - Starter Solution

Hot Storage

4 MWh thermal

Initial Investment

\$310,000

One-time fee

Cold Storage

1 MWh thermal

Annual Savings

Time-of-Use Savings

\$27,000

Demand Charge Savings

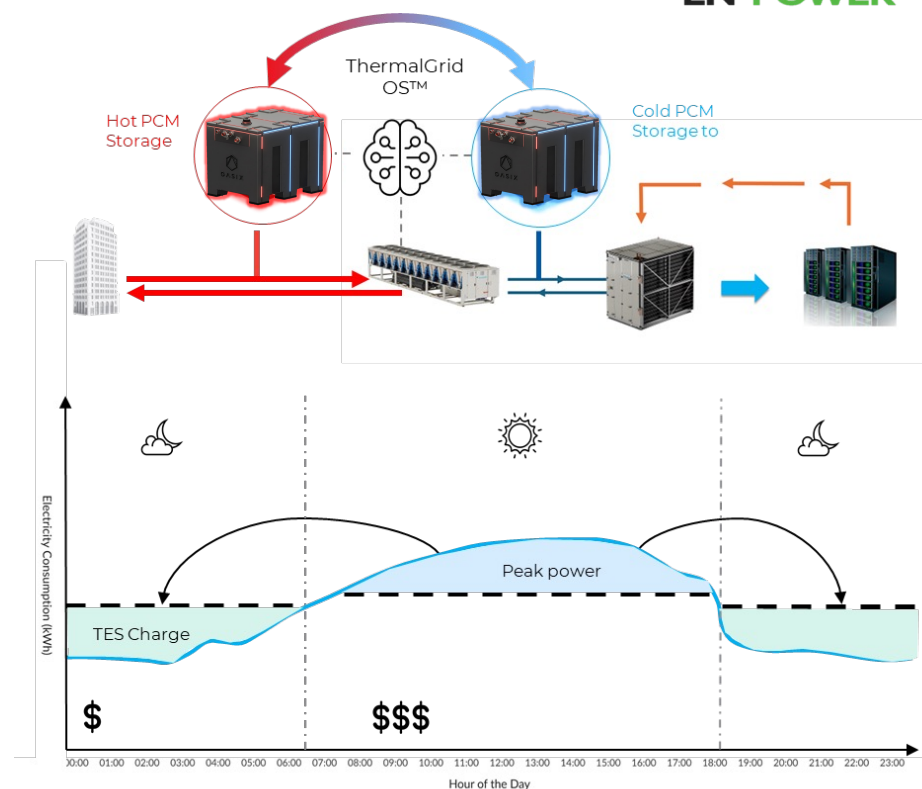
\$104,000

Demand Response Revenue

\$15,000

Total Annual Savings

\$146,000



Go To Market Strategy

Horizon 1: NYC Buildings, US Beach Head

OASIX US + ENPG Partner



- Access to +2,000 Buildings (NYC/NJ)
- Installation, O&M, Finance Capital
- Key Segments: Hotels, Elderly Care, High-Rise Residential

Large Buildings (NYC): 25,000

Global Serviceable Market
\$139B

NYC LL 97 Market
\$12.5B

Horizon 2: Data Centers Retrofit

Legacy Tier II & III Data Centers

- High PUE = High opportunity
- Addressing Grid Revenues & Heat-Reuse Mandates
- Increased Uptime, reducing Diesel reliance

USA and Germany: 2,000 Facilities

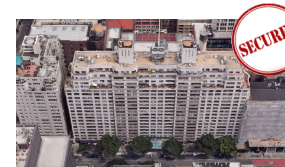
Serviceable Market
\$120B

Obtainable Market
\$12.5B

Traction

Prospect	Timeline	Size (MWh)
Metzudot (IL)	2026	0.25
Victoria bldg. (NYC)	2026	1
EN-Power (USA)	2027-2028	100-150
Undisclosed	2027	10
Undisclosed	2027	10
Undisclosed	2027	10
Undisclosed	2027	10
Undisclosed	2027	4
Total		145 - 195

Projects



EN-POWER



מצודות
בונים את חניכיהם וחניכיהם



AFEKA
The Academic College of Engineering in Tel Aviv

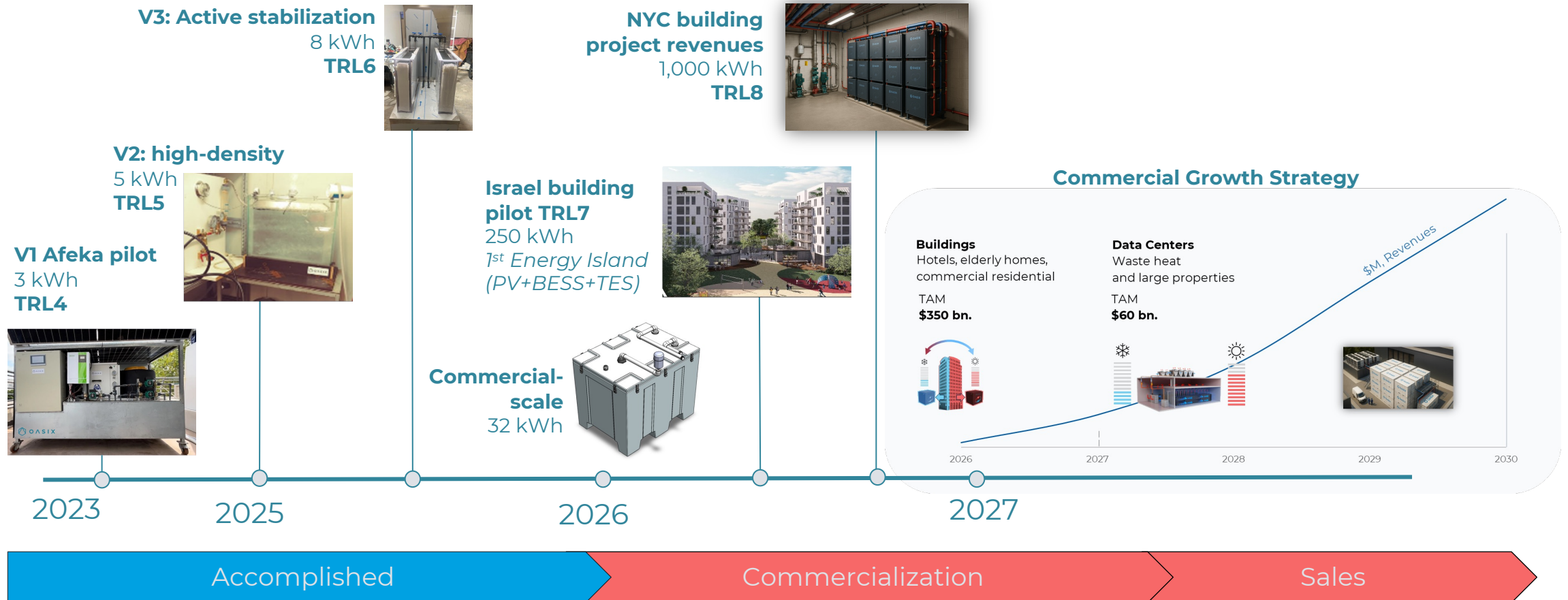
Validation



Investors, Partners Grants, Competitions



OASIX Roadmap





DualThermal™ Storage

Thermal Storage For buildings and Data Centers

Thank you!



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