

COMPANY PRESENTATION - AUGUST 18, 2026

# The Future of Industrial Energy.

From data centers to production floors, BrenX is designed to deliver and optimize electricity and heat

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**BRNX**

NASDAQ STOCK SYMBOL

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**Heat + Power**

INTEGRATED OPERATING MODEL

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**bGen™**

CORE THERMAL STORAGE TECHNOLOGY

# Forward-Looking Statements and Disclaimer

This presentation of BrenX Ltd. (the "Company" or "BrenX"), any oral presentation of the information contained in this presentation and any question-and-answer session that may follow contain "forward-looking statements" within the meaning of the safe harbor provisions of the Private Securities Litigation Reform Act of 1995 and other federal securities laws. Statements that are not statements of historical fact may be deemed to be forward-looking statements.

For example, the Company is using forward-looking statements in this presentation when it discusses: the Company's strategy to integrate power, heat, energy storage and intelligent energy optimization into an integrated industrial energy platform; the Company's plans to develop, acquire, own, operate and optimize energy infrastructure and energy assets; the anticipated benefits, performance and potential applications of the Company's technologies and integrated energy solutions; the Company's ability to expand its business beyond individual technology projects and develop integrated energy platforms; the development, expansion and scalability of the Company's energy platforms; potential applications of the Company's technologies and integrated energy solutions for industrial customers and data centers; the Company's ability to optimize energy assets and reduce energy costs; the Company's ability to generate recurring revenue and develop long-term customer relationships; the Company's growth strategy for its bGen™ thermal energy storage technology; and the Company's future business models, commercial opportunities, projects and collaborations. References to data centers in this presentation relate to potential applications and market opportunities for the Company's technologies and integrated energy solutions and should not be understood to indicate that the Company currently has data-center customers, operating data-center projects, executed commercial agreements or revenues from data-center applications, unless

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Without limiting the generality of the foregoing, words such as "plan," "project," "potential," "seek," "target," "may," "will," "expect," "believe," "anticipate," "intend," "could," "estimate," "continue," or similar expressions are intended to identify forward-looking statements. Readers are cautioned that certain important factors may affect the Company's actual results and could cause such results to differ materially from any forward-looking statements that may be made in this presentation. Factors that may affect the Company's results include, but are not limited to, the Company's planned level of revenues, capital expenditures and research, development and engineering expenses, the demand for and market acceptance of its products and solutions, the impact of competitive products and prices, product development, commercialization or technological difficulties, the success or failure of negotiations and commercial arrangements, legal, social and economic risks, the risks associated with the adequacy of existing cash resources, and political, economic and military instability in the Middle East, specifically in Israel.

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Except for images expressly identified as relating to the Company's ENEL and Tempo projects, images, photographs and renderings included in this presentation are for illustrative purposes only and do not necessarily depict actual BrenX facilities, projects, customers or installations.

# Decarbonizing the Industrial Heat Market.

25% ↓

Industrial heat accounts for **25% of global emissions**.\*

\* International Energy Agency, *Renewable energy for industry*, 2017.

## MARKET OPPORTUNITY

# Europe's industrial TES market is moving toward scale.

# ≈\$18B

cumulative European industrial TES capex opportunity through 2035

## 200+ GWh

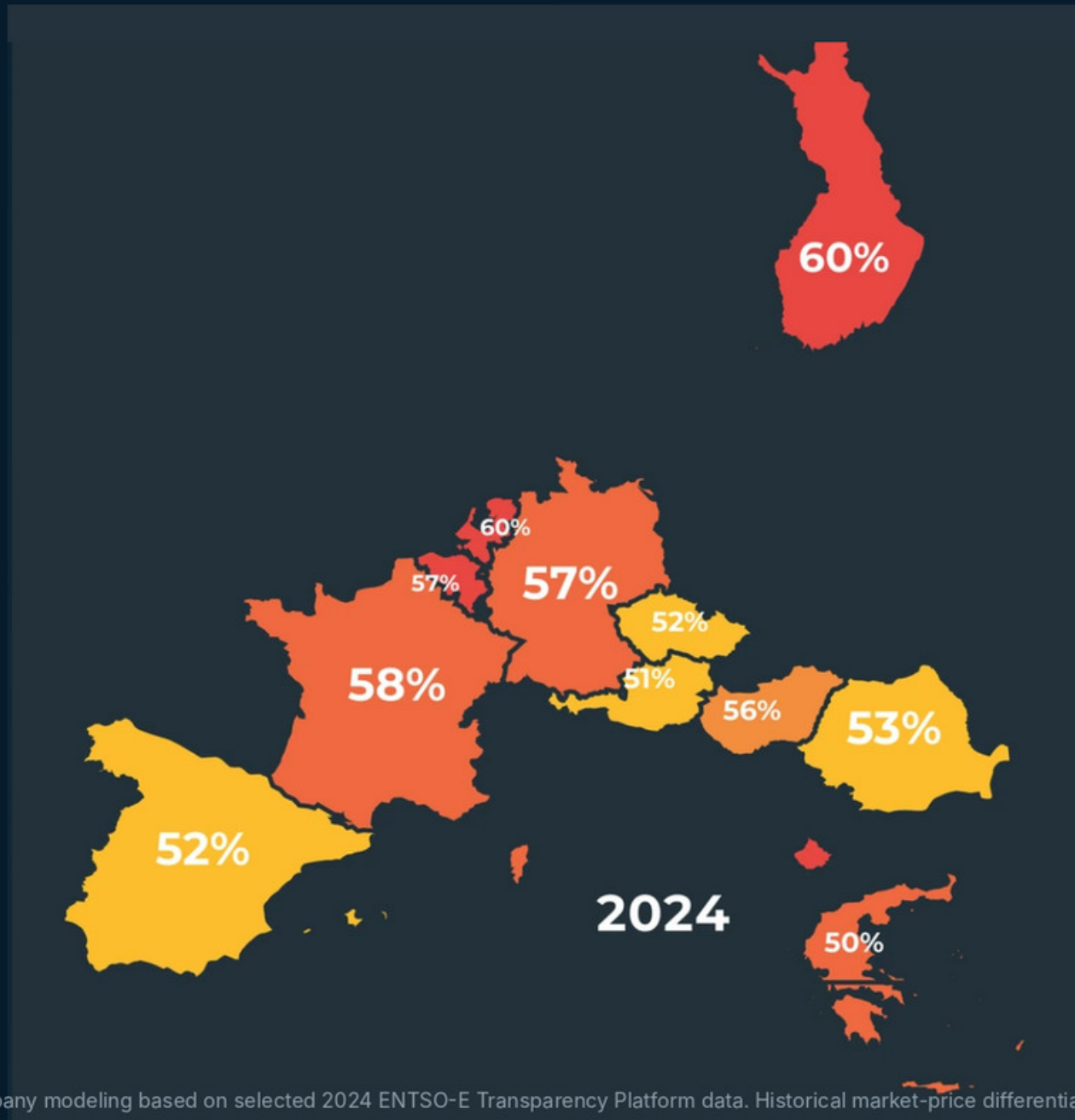
potential installed capacity by 2035

McKinsey estimates European industrial TES could grow from less than 0.5 GWh today to more than 200 GWh by 2035. Its 2030 modeling also indicates that IRRs above 15% may be achievable in most assessed markets.

Source: McKinsey & Company, "Industrial heat electrification in Europe: New business models emerge," March 13, 2026.  
McKinsey's €16B estimate shown as approximately \$18B using the ECB reference rate of 1 EUR = 1.1485 USD on July 31, 2026.

## Selected historical European electricity-market pricing

2024 data from selected markets



→ **50%+**

**historical off-peak  
price differential  
in selected markets**

- ✓ Potential to reduce exposure to energy-cost volatility
- ✓ Can support greater renewable-energy integration
- ✓ Negative-price events have increased in selected markets

Company modeling based on selected 2024 ENTSO-E Transparency Platform data. Historical market-price differentials are illustrative and do not represent realized or guaranteed customer savings.

# Heat, Power and Flexibility as One Integrated System.

Commercial structures designed around industrial customers, from equipment supply to long-term energy services.

## Heat + Power

Generate, store, deliver and optimize energy as one connected infrastructure platform.

GENERATE

STORE

DELIVER

OPTIMIZE



# Proven Thermal Energy Storage. Engineered for Impact.

More than a decade of thermal energy storage development, proven across industrial and utility deployments.

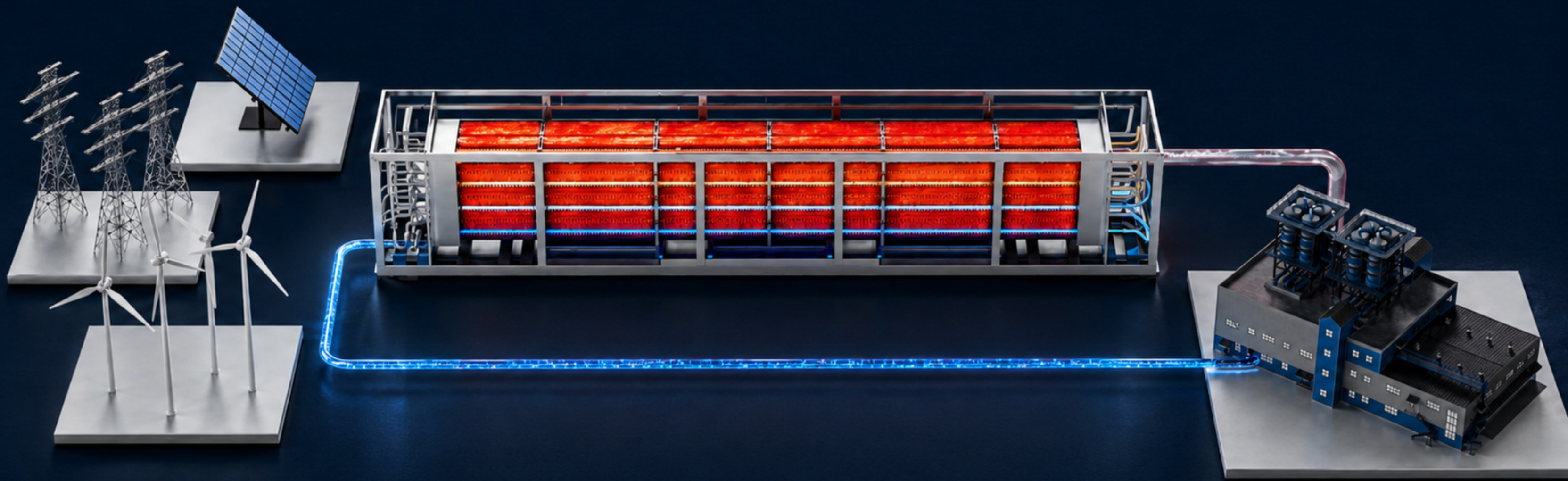
Electricity or recovered heat  Steam · hot air · thermal oil



PROVEN INDUSTRIAL DEPLOYMENT

# bGen™ Heat Battery.

Charges when electricity prices are cheapest, stores energy as heat, and supplies zero-emission process heat.



# Build. Own. Operate. Optimize.

An end-to-end model spanning project development, infrastructure investment, long-term operations and continuous optimization.

01

## Build

Develop and integrate infrastructure around each customer's operational and sustainability objectives.

02

## Own

Invest in selected assets and align long-term performance with customer success.

03

## Operate

Deliver reliable industrial energy services through expert management and monitoring.

04

## Optimize

Coordinate heat, power, storage and flexibility using software and real-time data.

# A Global Project Base.

Public deployments demonstrate the versatility, proven performance, and scalability of the BrenX platform across industrial steam, heat recovery, healthcare, utility integration, and grid services.



## ARD Integrated Industrial Energy Hub

A planned integrated energy hub near Partner in Pet Food (PPF), combining the purchased solar facility with electricity, industrial heat and potential future data-center capacity.



## TEMPO

Power-to-heat thermal storage with renewable and grid charging for industrial steam delivery.



## ENEL

Heat-to-heat thermal energy storage for industrial steam and energy recovery.



## NYPA / SUNY Purchase

Thermal storage integrated with utility and campus energy infrastructure.



## Wolfson Hospital

Power-to-heat thermal energy storage for hospital steam and hot water.



## PPF — Partner in Pet Food

Electrical charging, grid balancing and process-heat dispatch.

## PLATFORM STRATEGY

BrenX is pursuing a strategy to move beyond individual technology projects and develop integrated energy platform

Designed to serve customers, optimize energy assets and create opportunities for recurring revenue over time.

## AWARDS & RECOGNITION

- TIME Best Inventions 2023
- BloombergNEF Pioneers 2024 Finalist
- Edison Awards 2025 Gold — Energy Storage & Management
- POWER 2025 Commercial & Industrial Generation Award
- European Commission — Seal of Excellence
- European Investment Bank — Innovation Champion
- BIRD Energy — U.S.-Israel Clean Energy Project Approval
- Merage DeserTech Industry Leader Award 2026



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RESHAPING INDUSTRIAL ENERGY