


# Energy Management Software for Grid-Interactive Commercial Buildings: 2026 to 2031

## Market Sizing & Competitive Landscape 2026 to 2031

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# Grid-Interactive Buildings Software Market 2026

memoori

# Synopsis

This report helps all stakeholders and investors in the smart commercial building industry to evaluate the market for Grid-Interactive Buildings Software in 2026.

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**This new 2026 report sizes the global market for grid-interactive buildings software & maps the 237 companies competing to supply it.**

Commercial buildings are learning to talk back to the grid. Grid-interactive buildings use software to shift, shed, and store electricity when the grid is under strain, and increasingly get paid for it.

We forecast the market will grow from $2.06 billion in 2025 to $3.60 billion by 2031, a compound annual growth rate (CAGR) of 9.7%. The report breaks that down by application and region, profiles the vendor landscape by location, size and age, and tracks the funding and deals reshaping it.

The report includes, at no extra cost, an Excel datasheet with the data behind the charts, the company listing, together with presentation-ready slides of every chart.

**This is the second of two related reports. Its sister study, on HVAC Optimization software, follows shortly. Both reports are included in Memoori's 2026 Premium Subscription, which also gives access to our AI Services.**

## Why Grid-Interactive Buildings Matter Now

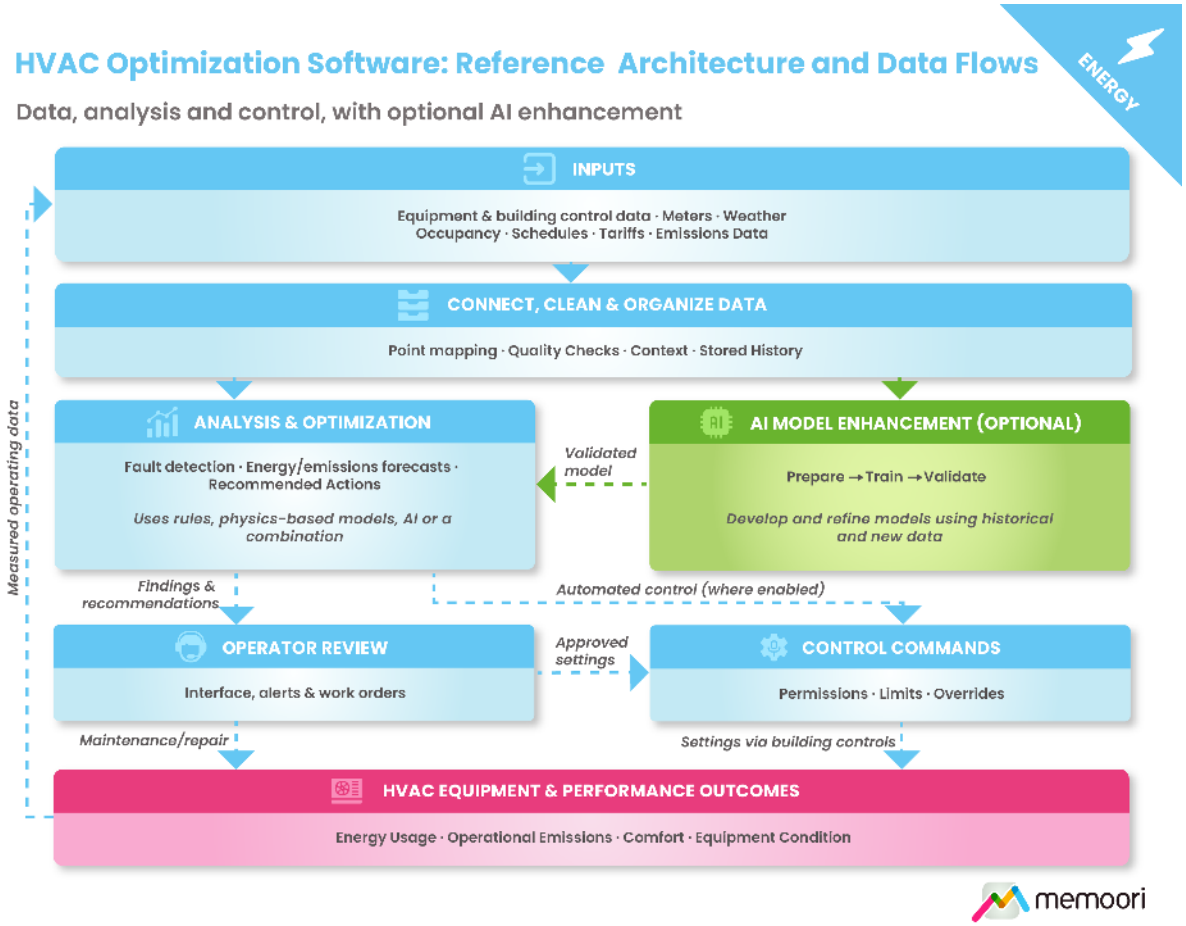
US commercial buildings could cut far more peak demand than they actually do. In 2025, utility demand response programs for commercial customers had the potential to save 7,599 megawatts (MW) at peak. They delivered 2,634 MW, roughly a third. Closing that gap depends on software: forecasting how much load a building can move, automating the response, and proving delivery to the utility or market operator.

The opportunity is set to grow fast. The International Energy Agency (IEA) expects demand response from buildings to rise from around 28 gigawatts (GW) in 2024 to about 161 GW by 2035 under its Stated Policies Scenario. By then, buildings would supply 46% of peak demand response and nearly 60% of daily flexibility.

## How the Technology Stack Fits Together

Our infographic shows how a grid-interactive building works in practice. Site controls and meters feed data into an energy management platform. The platform forecasts load, prices and carbon intensity, then orchestrates heating, ventilation and air conditioning (HVAC), lighting, batteries, solar and electric vehicle (EV) charging.

On the other side, it bids flexibility into grid services and reports performance to utilities, aggregators and market operators.



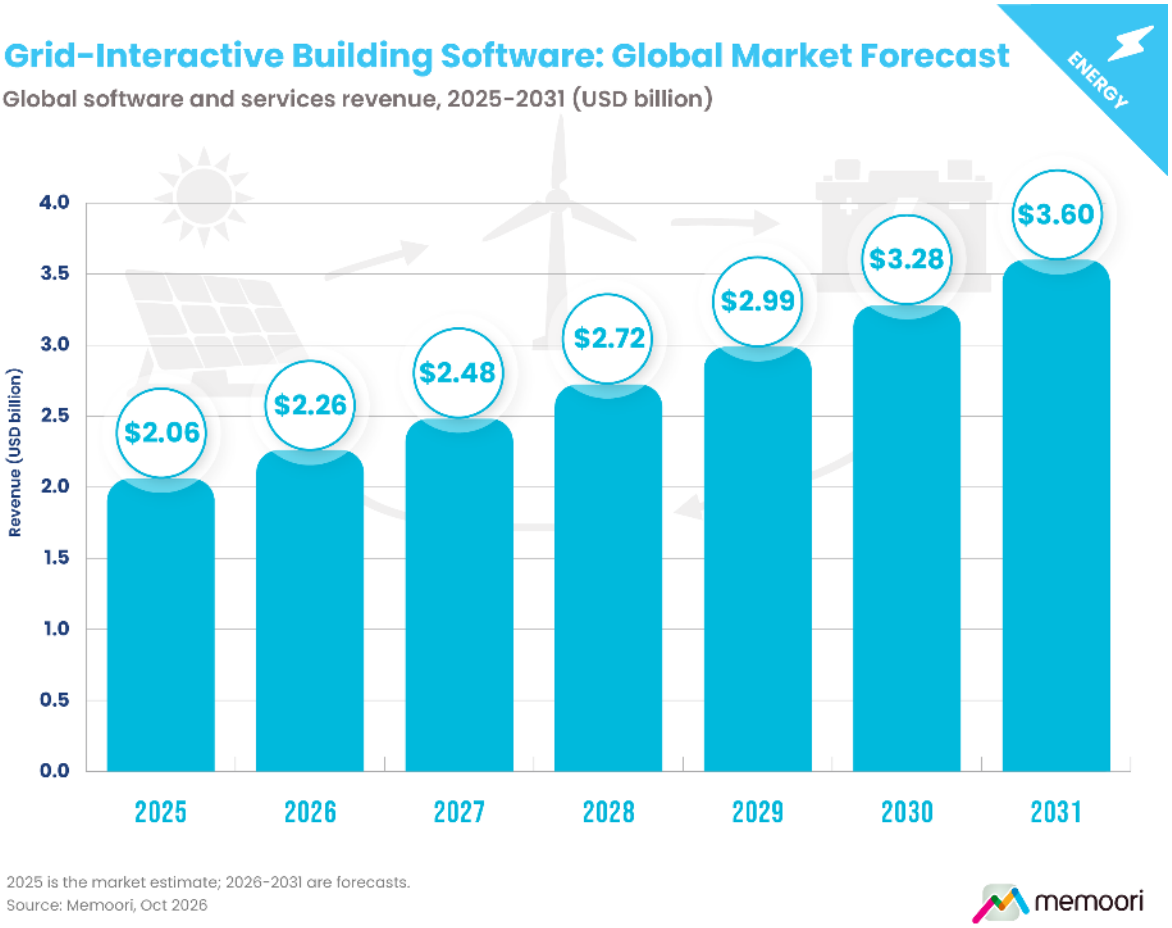

This report covers software and services that let commercial buildings optimize energy use, support grid stability and join demand-side programs. It covers offices, retail, hospitality, warehouses and data centers.

Our market figures measure software and services revenue only. They exclude hardware such as batteries, chargers, and meters, which is why they are smaller than estimates for the wider grid-interactive buildings (GEB) market. Excluded from this research are HVAC optimization software, thermal energy storage, energy trading platforms, and energy reporting tools.

**For only $3,000 USD this report gives vendors, investors, and building owners the market sizing, forecasts, and competitive intelligence they need to plan strategy and judge where the grid-interactive buildings opportunity is largest.**

## Market Forecast 2026 to 2031

Global software and services revenue for grid-interactive buildings will reach an estimated $2.26 billion in 2026, rising to $3.60 billion by 2031. Growth is driven by electrification, volatile power prices, cheaper batteries and solar, and grid operators who need flexible demand to balance more renewable supply.




## Investment and Deals

Investors are paying attention. Global venture capital in VPPs and DERMS reached $649 million in 2025, according to the IEA.

Our reference data logged 25 funding events across 23 companies between October 2024 and October 2026, including Voltus' $225 million Series D, Emerald AI's $150 million Series A, and Budderfly's expanded debt facilities for its energy-as-a-service model.

## Who Should Buy This Research?

- **Building owners, REITs, and property managers** weighing which platforms can turn flexibility into revenue.
- **Investors, private equity and venture capital** looking for targets, comparables and white space.
- **Software vendors and system integrators** benchmarking competitors and choosing partners.
- **Utilities, aggregators and energy suppliers** sourcing commercial building flexibility.
- **Consultants and engineers** advising clients on grid-interactive buildings strategy.

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## How to Order

The report is priced at **$3,000 USD (Enterprise License)**. It is delivered as an electronic file download, via email.

To order, or if you require further information please contact: ***James McHale*** - *jim@memoori.com / +46 76 190 3777*

**Alternatively, you can order directly through our website** –

**This report is also included in our 2026 Premium Subscription Service.**