C3.ai

C3 Generative AI for Energy Management

Unified Knowledge Source for Improved Resource Efficiency

C3 Generative AI for Energy Management enables operators, engineers, and facility managers to rapidly access and act on enterprise and external data and insights through an intuitive search and chat interface.

Rapid Access
to relevant, critical, and high-value insights previously siloed across disparate datastores, applications, and information systems

Energy Specific
configuration to search across utility bills, maintenance manuals, and production data, among other data sources

Enterprise Grade
data security, access controls and flexible deployment allow enterprises to meet strict security and privacy requirements

Future Proof
investments with a model-agnostic solution architecture that offers multi-LLM support and integrates with existing IT system

Companies face a variety of energy challenges throughout their operations, from building resource management to manufacturing energy intensity. Operations, engineering, and facilities teams must often piece together disparate data sources to gain critical insights for timely decision making.

C3 Generative AI for Energy Management accelerates time to insight, equipping teams to improve operational efficiency, reduce energy costs, and increase maintenance productivity. Users can ask questions in natural language and receive accurate answers across maintenance records, sensor time series data, equipment manuals, and building meters.

C3 Generative AI for Energy Management is an enterprise-ready solution with support across structured and unstructured data, an LLM-agnostic architecture, deterministic responses with source references, and granular access controls. C3 Generative AI for Energy Management offers rapid configurability with energy domain models and pre-built connectors to common data sources such as data historians, maintenance manuals, and facilities work orders.

Use Cases

- **Quickly access insights** from internal and external documents and data sources, including sensor time series, electricity meters, technical manuals, and utility bills

- **Optimize production energy usage** by providing engineers and technicians with quick access to production performance and energy intensity data

- **Maximize cost savings** by uncovering available rebates for energy efficient appliances and opportunities for onsite energy generation and EVs

- **Investigate maintenance records** with generative AI to troubleshoot operational challenges and initiate maintenance activities more efficiently

- **Use interactive chat** to follow up with additional questions and clarify next steps to reduce energy in operations processes

- **Facilitate seamless knowledge transfer** and new technician onboarding with rapid access to training manuals, asset documents, and operator best practices

- **Streamline facilities operations** by quickly extracting insights from technician manuals and work order records
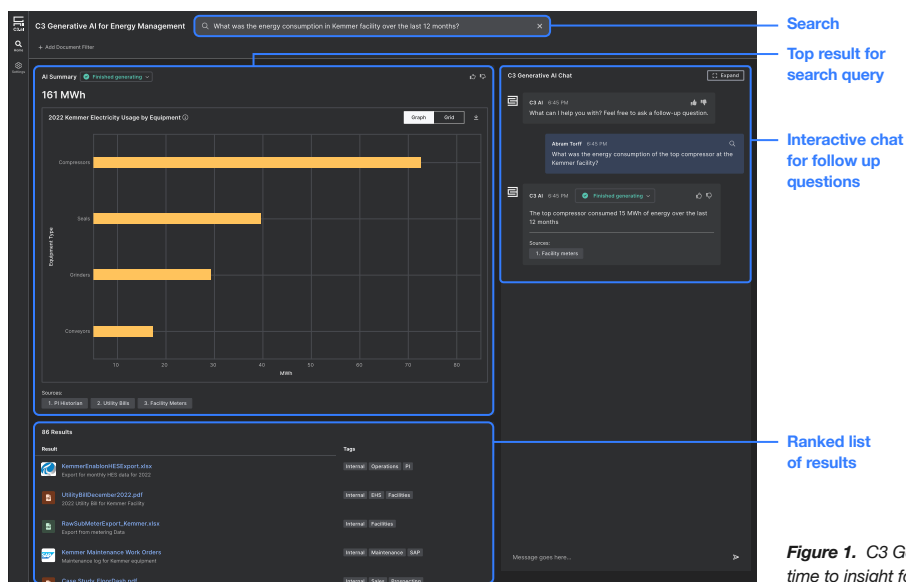

Search
Top result for search query
Interactive chat for follow up questions
Ranked list of results

Figure 1. *C3 Generative AI for Energy Management accelerates time to insight for facilities and operations teams*

Ready to Deploy Today, Results in 12 Weeks or Less   Visit C3.ai/Generative-AI