



BATTERY STORAGE SOLUTIONS

HMI delivers an impressive spectrum of reliable, state-of-the-art battery storage solutions



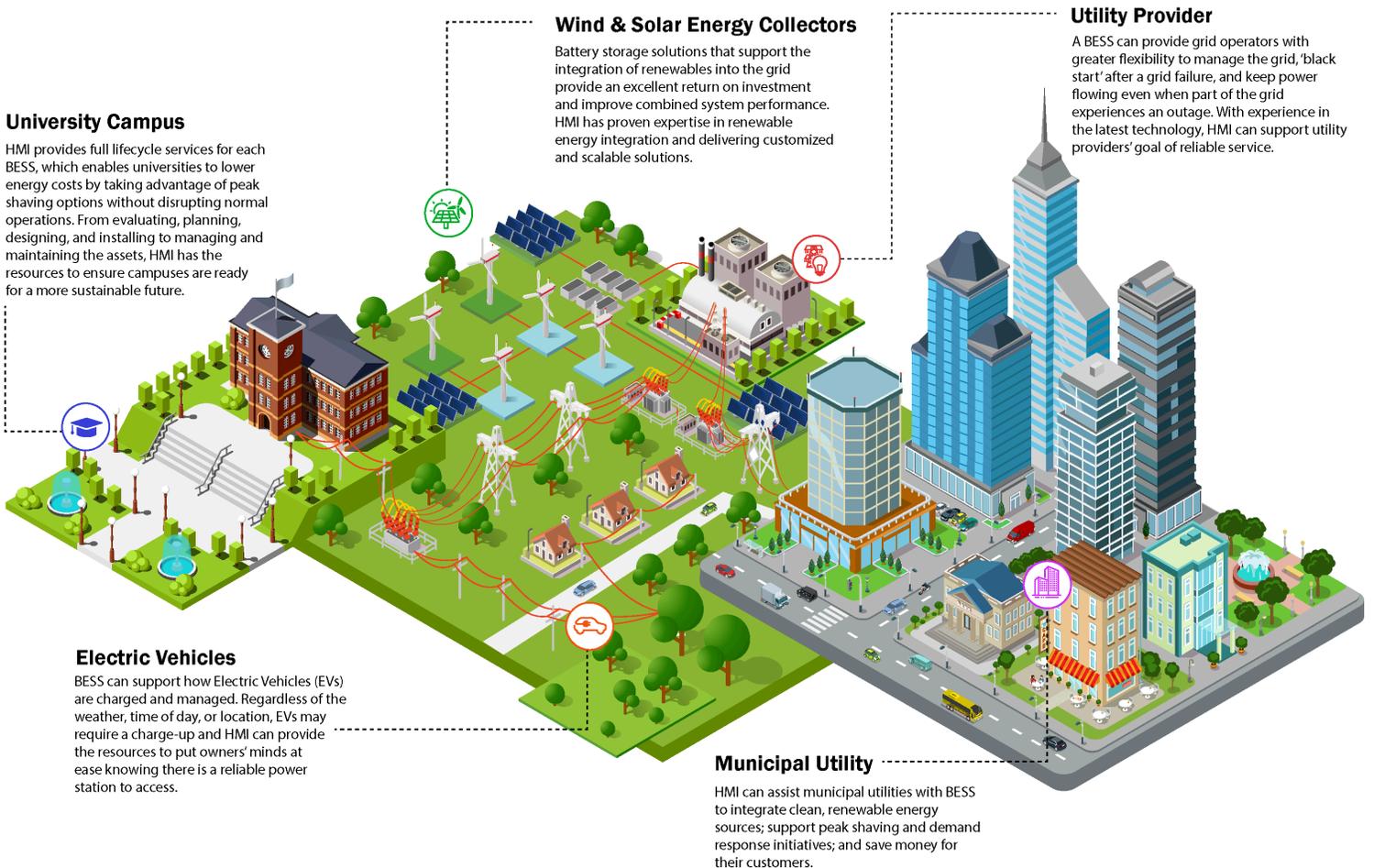
A HENKELS & MCCOY Group Company

BATTERY STORAGE

Battery storage has taken an expanded role in the energy market, providing real-time grid balancing and stabilization, reducing environmental impact, enhancing supply security, and producing top-notch power services for a variety of applications across North America. Supporting microgrids, each battery energy storage system (BESS) offers a greater resiliency in areas prone to power outages. From managing small project solutions to providing utility-scale installations, HMI offers a full suite of project lifecycle capabilities and expertise required to meet the unique demands and opportunities battery storage provides.

- Project Development Support
- Site Selection, Land Acquisition, & Permitting Support
- Engineering & Design
- Construction & Installation
- Operations & Maintenance
- Grid Interconnection & Optimization
- Testing & Commissioning
- Quality Control/Quality Assurance (QA/QC)
- Feasibility Studies
- Fund Sourcing & Investor Support
- Full-Wrap EPC

PROJECT DEVELOPMENT & CONSTRUCTION MANAGEMENT



BATTERY ENERGY STORAGE SYSTEMS & BACKUP GENERATION

Utilizing a BESS can complement and/or supplement other standby generation resources, such as diesel units. Each BESS can be situated close to the point of delivery, reducing the cost of transmission and distribution while increasing reliability, as the shorter transmission distance reduces the likelihood of power losses. When paired with other intermittent renewables, such as solar and wind energy, utilities can rely on battery energy storage systems as dispatchable assets to support the grid at times when intermittent resources alone may be insufficient to meet demand. With the ability and flexibility to be used at all times, batteries store excess power generated by wind and solar energy sources when these resources generate more power than the grid demands.

ENHANCED POWER QUALITY

With a large national footprint and expertise in energy and utility infrastructure, HMI provides enhanced supply security through innovative battery storage solutions. When properly integrated with renewables, battery power can provide grid balancing for a more seamless interconnection with distribution and station facilities. During periods of demand, battery storage enables peak shaving so facilities can reduce their energy costs for the balance of the year. A BESS can also improve power quality by responding to voltage spikes and sags more efficiently and effectively.

With their ability to be located near intermittent renewable energy sources that may be far from load centers, battery energy storage solutions are more resilient and key for providing clean power generation in areas prone to power outages or remote communities or facilities. While covering peak loads, they can increase reliability and extend the capacity of other generation sources on the grid to produce uninterrupted supply.

HMI has the resources to deliver advanced solutions for on-grid, off-grid, and micro-grid applications, providing clients with scalable and robust solutions that deliver sustained value.

MARKETS & CLIENTS WE SERVE

- Investor-Owned Utilities
- Electric Cooperatives
- Campuses — Universities/Colleges, Healthcare Facilities, & Industrial/Manufacturing Plants
- Renewable Project Developers



Our People

Our ability to provide clients with multi-disciplinary capabilities and innovative specialty services is what successfully sets us apart from other firms. At the center of that success is a highly trained team with decades of combined expertise in a broad range of technical and professional disciplines.

- Electrical Engineers
- Mechanical Engineers
- Civil/Structural Engineers
- RF Engineers
- RCDD Engineering/Estimating
- Chemical Engineers
- Consulting Engineers
- Certified Project Managers & Field Technicians
- Construction Crews

Commitment to Safety

HMI extends safety to every aspect of work. Safety drives the development of impeccable work practices and is at the core of the way behavior is observed, communicated, and investigated. HMI follows a daily safety management system of leading and lagging indicators, including coaching observation trends, work site audits, good catch and near miss reports, corrective action follow-ups, total recordable incident rates, days away, and restricted duty and transfers. With these indicators, HMI performs trend analysis and program validation of safety performance. This vigilant evaluation and implementation of company and industry-wide best practices ensures HMI maintains the absolute highest safety standards to protect our workers, our clients, and the community. HMI's daily mission is to ensure "Nobody Gets Hurt!"

About

HMI is a multi-discipline, privately held firm that designs, builds, and maintains the critical infrastructure of the country. HMI brings extensive industry knowledge, technical excellence, and an integrated approach to engineering, planning, construction, project management, and turnkey delivery solutions for the power, oil & gas, and communications industries. The firm works closely with clients to assess each situation and achieve high-quality outcomes on projects of all sizes and complexity. HMI builds every project and every relationship on a foundation of safety, integrity and trust.



To learn more about our service offerings and HMI's commitment to safety, quality, and performance, please contact us or visit our website.



www.hmiservices.com
marketing@hmiservices.com

Contact us at 484-344-2161

