

Stand alone BESS in Florida



Battery Energy Storage Systems EPC/BOP Solutions

With extensive expertise in battery technologies and an agnostic approach to manufacturers, Black & Veatch is the best implementation provider for your battery solution.



BLACK & VEATCH



Lake Placid Solar Project (45MW)
in Highlands County, Florida.
Client - Duke Energy Corporation

We Know Construction

Black & Veatch offers a customizable, turnkey battery solution to satisfy quality, safety and functional requirements. With extensive containerization design experience, established relationships with equipment suppliers and flexible Balance of Plant (BOP) capabilities, our integrated solution provides a simplified approach to your energy storage projects.

We deliver this through a full spectrum of contracting and services-based solutions that suit your risk profile and capital budget. With Black & Veatch at the heart of your construction project, you get straightforward advice, lean and productive outcomes, and assets that deliver the most value over their lifecycle.

Solutions for Complex Issues

We offer expertise in engineering, procurement and construction (EPC) with flexible capabilities to tailor our solutions to meet your needs.

Black & Veatch BESS Solutions



Construction Entities

In-house construction provides greater flexibility as well as increased cost and schedule certainty. Black & Veatch executes projects through three construction entities, which have successfully executed projects of complex size and scope globally.



BLACK & VEATCH CONSTRUCTION, INC.

Black & Veatch Construction Inc. (BVC)

- Union work
- Signatory to all trades



A BLACK & VEATCH COMPANY

Overland Contracting, Inc. (OCI)

- Merit shop work
- Direct hire for all major disciplines



Black & Veatch International (BVI)

- International construction
- Offices worldwide with 50+ years of construction experience

We Know Technology

Lithium, Iron (Ferrum), and Phosphate (LFP) is the Black & Veatch-preferred method for safety, power, and long life but we also have expertise in Nickel, Manganese and Cobalt (NMC), lead-based and flow batteries, thermal storage, flywheel and liquid air energy storage.

LITHIUM ION BATTERY TYPES



Size indicates frequency of usage

Experienced for Predictable Results

More than 20 years of BESS experience is applied to enhance the development, execution and lifecycle performance of your investment.

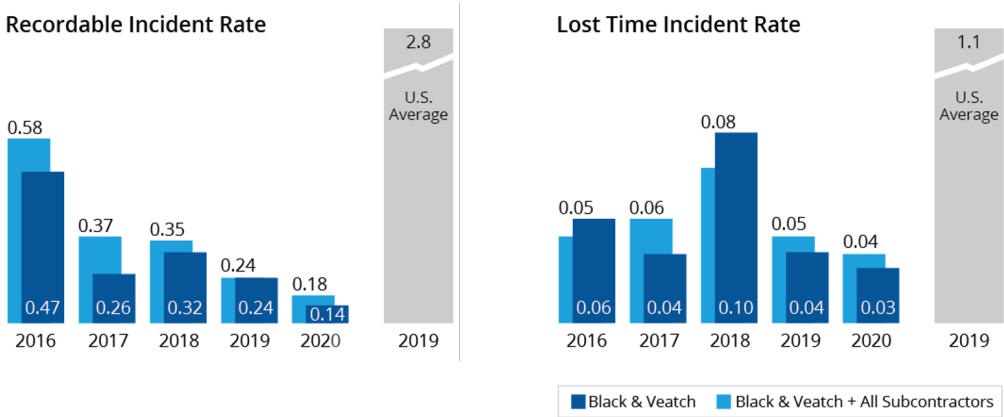


Black & Veatch employs an experienced, highly qualified team of BESS energy professionals, with the depth and breadth of complementary expertise to effectively implement and manage large-scale wind projects. With engineering numbering more than 3,700 and a craft pipeline of 18,000, we have broad capabilities and can commit resources to be available for your project.

Safety

We believe that all safety incidents are preventable and apply our proven **THINK, PLAN, ACT – ZERO INJURIES TODAY** approach to build a safety culture of personal accountability, safe behaviors, and shared leadership. Our safety training, “People Matter Most,” aptly reflects our goal to send everyone home to family and friends safely each and every day.

We continue to make continuous gains in our safety record, and our Experience Modification Rate (EMR) decreased this year to 0.58.



The earlier you think about safety, the better and more effective you can be with fire protection design. At Black & Veatch, we know that safety at a BESS site goes beyond mere compliance. It requires making considered decisions while thoughtfully incorporating industry lessons learned.

Layered Protection

In alignment with Black & Veatch’s focus on safety, battery systems are designed with multilayered enhancements, including use of modules less likely to heat; integrated air conditioning; early gas release detection and fire prevention, detection and suppression systems.

