

Powering Your Energy Future
Turtle Energy Storage Services



Electrical Distribution. Industrial Distribution. Supply Chain Services.

Take Control of Energy Management and Costs

Turtle Energy Storage Systems, a department of Turtle, is ushering in a new age of electricity management with battery energy storage systems. We are helping customers to do everything — from maximizing utility savings by shifting load or discharging when rates are highest, to structuring utility-level services for frequency regulation, demand charge mitigation, or energy arbitrage. Energy storage systems are uniquely able to integrate with renewables to allow low-to-no-carbon strategies, as well as to island a building, neighborhood, and/or town in the event of a cyber attack or grid outage.



THE TURTLE ADVANTAGE

- Energy Modeling
- Project Planning
- Permit Development
- Design & Engineering
- Procurement
- Project Finance
- Supply Chain Integration
- Aggregate Purchasing Power
- O&M Services
- Menu of Capabilities
Tailored to the Customer

MARKETS

- Energy
 - Renewable Integration
 - Microgrids/Resiliency
 - Electric Vehicles
- Infrastructure (Rails & Subways/Bridges & Tunnels/Airports)
- Government/Public Project
- Healthcare

Turtle Energy Storage Services

Battery storage systems are transforming the energy landscape and providing opportunities for a wide range of commercial, industrial and utility scale applications. These game-changing technologies expand on our proven expertise achieved over the last century in power distribution and energy management solutions.



Planning and Design – We always start with what do you want BESS to do for you?

Services include demand response program participation, load shifting, energy arbitrage, renewable energy integration, microgrid ability, VAR support, frequency regulation, etc. Once we know this, we can create a plan with a basic design and identify its cost-effectiveness (including bankability).



Installation – Our engineered systems are containerized or pre-packaged depending on the scale and application (indoor/outdoor) of your project. This minimizes costs and time on-site during installation and start-up and ensures the system will operate correctly the first time and every time.



Technical Support – A single point of contact and technical support from our team of engineers guarantees that your equipment continues to run efficiently long after the installation is complete. We can provide ongoing assistance over the phone, online, or at your site, including 24-hour emergency service.



PROVEN EXPERIENCE

- Power Distribution & Automation Solutions
- Industrial Control & Automation
- Lighting Quotations & Project Management
- Data Communications
- Energy Management & Renewable Generation
- Infrastructure Modernization
- Materials Management & Logistics
- Energy Storage Systems
- Transit Signal & Control
- Technology Services

Key Value Streams

Peak Shaving – If you are subject to costly utility demand charges, battery energy storage systems coupled with a solar array can set a fixed threshold where no power above an owner-set threshold level will be drawn from the grid during peak times.

Energy Arbitrage/Load Shifting – Save on costs by shifting your energy consumption — charge your batteries with solar or when electricity rates are least expensive, and discharge batteries to reduce grid power usage when rates are at their highest.

Microgrids – For commercial, industrial and utility operations, a microgrid will let you disconnect from the regional grid and operate independently if it goes down.

Renewable Integration – Energy storage enables renewable generation to provide 24/7 dispatchable power, and can shift the delivery of power to the grid when it is most advantageous.

Transmission Savings – Energy storage can make some transmission or capacity upgrades unnecessary by storing energy from the grid at night and providing power during the day, or it can simply provide power that will enable you to avoid high costs during times of peak demand and high rates.

Experience You Can Trust

Structure and Locations

Founded in 1923, we are a fourth-generation, family-and-woman-owned business and one of the nation's largest independent electrical and industrial distributors. Headquartered in Clark, NJ, we have offices from coast to coast. Our combination of sustainable solutions in four key areas – Electrical Distribution, Integrated Supply, Infrastructure Modernization, and Technology Services – delivers the mission-critical solutions you need today and gets you ready to meet the high-stakes challenges of tomorrow. Learn more at turtle.com.

Our Products

We partner with the industry's strongest brands to bring our customers quality products at competitive prices. Large regional warehouses and a fleet of GPS-tracked trucks ensure that materials are delivered when and where you need them. On-site logistics and materials management reduce the risk of excess inventory. We offer around-the-clock emergency services and electronic ordering from your desktop, tablet or mobile device.

Core Turtle Industries

