

Battery Storage (BESS)

Electrical services for battery storage

We understand the importance of battery storage (BESS) for the renewables industry, and we are on the leading edge of supporting these projects with engineering, installation, and maintenance services. We combine the forces of our EPC operations, engineering, and field services to deliver comprehensive solutions. We provide turnkey, utility-scale BESS projects with engineering, installation, and maintenance services.

BESS Services

- BESS System Commissioning
- Routine and Preventative Maintenance
- Repairs and Troubleshooting
- 24/7 Emergency Response
- Manufacturer Trained and Certified

Substation Engineering

- Civil Design
- Structural Design
- Above Grade Physical
- Protection & Control
- Building Design
- System Studies (different from Interconnect Studies)
- Below Grade Electrical
- HMI/ SCADA
- Relay Setting Development
- Static Protection
- 3D Modeling

Substation Procurement

- Major Apparatus
- Bulks & Consumables

Substation Construction

- Earth Work
- Foundations & Steel Erection
- Bus & Conductor

Saber Power Services, LLC is an engineering-led and construction-focused professional services company specializing in complex medium and high voltage electrical infrastructure. We offer full-spectrum turnkey EPC, specialty engineering, procurement, construction, testing and commissioning, repair and maintenance and 24/7 emergency response.

- Control Wiring
- Control Building
- Conduit & Trench
- Above & Below Grade Grounding
- HMI/ SCADA
- Power Cabling
- Bus Duct & Cable Bus
- Switchgear
- Outdoor Circuit Breakers
- Instrument Transformers
- Protection & Control Relaying

Substation Testing & Commissioning

- Ground Grid
- Major Apparatus
- Instrument Transformers
- Protection & Control Relaying
- HMI/SCADA
- Power Cabling
- Control Wiring

T-line Engineering

- Surveying & LIDAR
- Plan & Profile Drawings
- 3D Modeling
- Staking Sheets
- Structures
- Foundations
- Assembly Details
- OPGW & ADSS Fiber
- EMT Simulations

T-line Procurement

- Transmission Structures
- Conductor
- Hardware & Insulators
- Fiber Equipment
- Fiber Optics
- Anchor Bolts/Cages

T-line Construction

- Foundations
- Anchor Bolts/Cages
- Transmission Structures
- Conductor
- Hardware & Insulators
- Fiber Equipment
- Fiber Optics

BOP Engineering

- Feasibility Studies
- Economic Analysis
- Distribution System
- Site Development
- Civil & Grading
- Foundation Design
- Grounding
- Inverter Integration
- Cable & Raceway Schedule
- EMS Integration
- Protection & Control Relaying

BOP Procurement

- Major Apparatus
- Bulks & Consumables

BOP Construction

- Distribution System
- Site Development
- Civil & Grading
- Foundations
- Grounding
- Inverter Installation
- Protection and Control Relaying

BOP Testing and Commissioning

- Distribution System
- Grounding
- Inverters
- Protection & Control Relaying

Contact us for your electrical infrastructure needs.

Saber Power Services

9841 Saber Power Lane
Rosharon, TX 77583
713.222.9102

www.saberpower.com
info@saberpower.com

