A POWERFUL PARTNER FOR RENEWABLE ENERGY PROJECT DEPLOYMENT
Relied on by industry leaders.

Alamon is an established technical workforce resource with over 46 years of experience serving the nation’s largest service providers and equipment manufacturers.

Our exemplary safety record and history of successful, on-time deployments have led to professional relationships with Amazon, AT&T, Avangrid, BNSF Railway, ConEdison, Ericsson, Frontier, Liberty Mutual, Lumen, T-Mobile, Touchstone Energy Cooperatives, Verizon and more.
SAFETY IS A PRIORITY
Working safely is a condition of employment at Alamon. If a job cannot be performed safely, it will not be done.

SAFETY IS GOOD BUSINESS
Injury/illness prevention has a direct impact on employee morale, productivity, company earnings and customer satisfaction.

ALAMON U TRAINING
Our LMS system, Alamon U, is instrumental in training our employees throughout the country.

REAL-TIME UPDATES
We utilize the latest technology to keep our employees updated with the latest regulations and track documentation in real-time.

Alamon, Inc. is a member of the following safety organizations:
## Safety Record

<table>
<thead>
<tr>
<th>Safety and Health Indicators</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
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</thead>
<tbody>
<tr>
<td>Average # of Employees</td>
<td>156</td>
<td>218</td>
<td>259</td>
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<tr>
<td>Number of Total Person Hours Worked</td>
<td>357,140</td>
<td>417,175</td>
<td>402,005</td>
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<tr>
<td>Number of Fatalities (FAT)</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Number of Lost Time Injuries (LTI)</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Number of Medical Aid Injuries (MA)</td>
<td>2</td>
<td>2</td>
<td>4</td>
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<tr>
<td>Number of Restricted Work Cases (RWC)</td>
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<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Lost Time Injury Frequency (LTF)</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>Experience Modification Rate (EMR)</td>
<td>0.8</td>
<td>0.74</td>
<td>0.72</td>
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</table>
Comprehensive Energy Storage Installation Services


Alamon is an authorized Cisco Partner for Cisco Equipment Sales and Installation Support.
Alamon works with Engineering, Procurement and Construction (EPC) developers to provide advanced level turnkey deployment services for utility-scale BESS projects.

- Project Management
- Site Supervision
- Installation related Material Procurement
- Switchboard Installations
- Staging, Rack Assembly & Anchoring
- Battery Cell Loading, Strapping, and Power Readings
- Low Voltage DC Cable Installation and Test Verification
- Low and Medium AC Cable Installation and Test Verification
- Megger Test Verification
- Communications Cabling and Test Verifications
- Fiber Cable Installation, Splicing, OTDR and Characterization Test Verification
- Safety Standards and Quality Control
BESS Modular Container Installation Services

PROJECT MANAGEMENT

SITE SUPERVISION

CIVIL CONSTRUCTION

• Site Construction Manager
• Site Preparation / Clearing and Grubbing
• Backfill, Compaction and Inspection
• Erosion Control / De-Watering
• Final Grading
• Pad Foundations & Concrete Work
• Excavation, Trenching and Grading
• Laying Conduit
• Ground Grid and Cad Welding
• Fencing

MODULAR CONTAINER OFFLOADING & PLACEMENT

• Modular Container Damage Inspection
• Crane & Rigging Services
• External Ground Connections

CONTINUED ON P. 8
EQUIPMENT & CABELING DAMAGE INSPECTION

• Pre Power-up Defect Corrections
• Visually Inspect BESS Equipment and Batteries for Damage
• Check Cable Tray and Ironwork for Loose Hardware
• Check Communications & Low Voltage Cabling for Loose Connections
• Internal Ground Ring Retorque
• Ground Fault Ohms Testing between each Connection
• Battery Strapping Retorque
• Battery Serial Number and Voltage readings log
• Inspect Piping and Bracing

EXTERNALLY MOUNT HVAC UNITS & EXTERIOR LIGHTING

• Caulking around HVAC Units and Vents
• AC Cabling Connections to Commercial Power
• Power-up and Operational Verification
• Capacity and Controller Function Testing
• Refrigerant & Condensate Line Inspection
• Water Intrusion Testing
• Exterior Light Installation and Testing
• Drip Rail Inspections

CONTINUED ON P. 9
COMMUNICATIONS CABLING TO DEMARCATIONS

- Ethernet Cabling, Connecting, and Data Test Verification
- Fiber Cabling, Splicing, and OTDR Test Verification

FIRE SUPPRESSION INSPECTION AND ALARM SYSTEM VERIFICATION

- Fire Tanks
- Sensor Testing
- Alarm Testing
- Cylinder Pressure Verification
- Agent in Cylinder
- Smoke Detectors
- Abort Stations
- Audible Signals
- Manual Pull Stations
- Visual Signals
- Release Solenoid
- Door and Fan Test

AC CONNECTIONS FROM CONTAINER TO TRANSFORMERS

BATTERY LOAD TESTING

FINAL QUALITY INSPECTIONS

CONTINUED ON P. 10
ENERGY SERVICES OPTIONS IF BATTERIES & ELECTRONICS ARE SHIPPED SEPARATELY FROM MODULAR CONTAINER

EQUIPMENT OFFLOADING AND INVENTORY
SWITCHBOARD INSTALLATION
BATTERY RACK INSTALLATION
BATTERY MODULE INSTALLATION
LOW & MEDIUM VOLTAGE AC CABLING
CABLE MEGGER TEST VERIFICATION
GROUND FAULT OHMS TESTING BETWEEN CONNECTIONS
ELECTRONIC EQUIPMENT INSTALLATION
  • Battery Maintenance System, Node Controllers, Inverters, Uninterrupted Power Source
BATTERY AND EQUIPMENT MAINTENANCE

CONTINUED ON P. 11
ENERGY SERVICES OPTIONS IF BATTERIES & ELECTRONICS ARE SHIPPED SEPARATELY FROM MODULAR CONTAINER

COMMUNICATIONS RACK INSTALLATIONS

- Fiber and Ethernet Patch Panels
- Communications Cabling and Data Test
- Fiber Ring Cabling, Splicing and OTDR Testing
- Temperature Sensor and Leak Rope Installation and Test
- Emergency Stop Cabling and Test
- Camera System Installation Turn-up and Test
- Wireless Access Point Installation and Test
- Alarm System Cabling

ON SITE SERVER INSTALLATION

ROUTER INSTALLATION

NETWORK SWITCH INSTALLATION

DATA ROOM CONSTRUCTION

FINAL QUALITY INSPECTIONS
For both In-Building and Containerized BESS, Alamon installs the Network Technology for monitoring, alarming, controlling, data collection, and the bi-directional flow of information through wired or wireless communication systems.
Contact

TROY REEVES
Sr. Operations Manager
Alamon Energy Services

406.752.8838, ext. 1401
troy@alamon.com