BEI CONSTRUCTION, INC.

BEIConstruction.com

Statement of Qualifications

Experts in Renewable Energy Construction

Solar | Wind | BESS | Substations | EV Charging | SCADA





Company Overview

With over 35 years of experience, BEI Construction has delivered specialized construction services with a strong focus on safety, quality, and client satisfaction.

Trusted expertise and long-term partnerships

BEI Construction demonstrates the value of long-term relationships by consistently delivering superior projects. Our in-house capabilities allow us to provide highly competitive, quality construction work.

Renewable Energy

We specialize in construction for renewable energy projects, including **solar**, **wind**, **battery energy storage systems** (BESS), **microgrids** and **EV charging** infrastructure. From foundations to final high-voltage interconnection, we build complete systems with a focus on safety, efficiency, and cost-effective delivery.

Technology Infrastructure

We design and build low-voltage systems that power modern facilities, from structured cabling and fiber optics to **A/V**, **security**, and **wireless networks**. Our work supports smarter environments across healthcare, education, enterprise campuses, and data centers. We also support **SCADA** through **cabling**, device integration, and connectivity for energy and utility systems.

Support Key Services

Our in-house teams—including safety, preconstruction, estimating, technology infrastructure design, project management, and training—bring consistency, accuracy, and coordination to every phase of delivery. We invest in workforce development to ensure our teams are skilled, adaptable, and ready to meet evolving project demands.

Renewable Energy Overview | Services



Renewable Energy Construction

BEI Construction has been involved in over 2GW of battery storage, solar, substation, wind, and EV charging projects. Our renewable energy systems use the latest technologies and continuously adapt to fit our clients' needs, including integrating microgrid and distributed generation solutions.

Solar

- Canopy PV Array Solar Systems
- Ground Mount Array Solar System
- Grid-Tied Solar, Off-Grid Solar
- AC and DC Electrical Work
- Civil, Structural, Electrical Construction
- Medium Voltage Install & Terminations

Recognized by Solar Power World

15th Anniversary TOP SOLAR CONTRACTORS 2026 CELEBRATING U.S. SOLAR INSTALLERS

BESS

- Civil, Structural, and Electrical Construction
- AC and DC BESS Systems
- Behind Meter, Front of Meter, Brownfield, Greenfield, and Stand-Alone
- Medium Voltage Install & Terminations

EV Charging

- Level 2
- Level 3 - DC Fast Chargers
- Single Port Chargers
- Dual Port Chargers
- Fleet Charging

Microgrid

- AC and DC Electrical Construction
- Integration of Solar, BESS, and Backup Generation
- Grid-Tied and Islanded Operation Setups
- Utility Interconnection and Controls
- Civil, Structural, and Electrical Scopes
- Generators
- Medium Voltage Install & Terminations

Wind

- Direct Drive Turbines
- Gearbox Turbines
- Utility-Scale Wind
- Multi-Turbine Wind Farms

SCADA System installation, integration, and testing across solar, BESS, and microgrids applications.



Civil Construction | Services

Experienced electrical contractor building the backbone of renewable energy and technology infrastructure

BEI Construction delivers complete construction services that support renewable energy and technology infrastructure across the U.S. Our expertise spans high-voltage, low-voltage, and civil scopes, ensuring a seamless build from underground conduit to final energization. Each project is backed by a coordinated engineering effort and a value-engineered planning process. We install and construct critical underground systems that support high-voltage power, data networks, and facility infrastructure—delivered safely, efficiently, and cost-effectively.

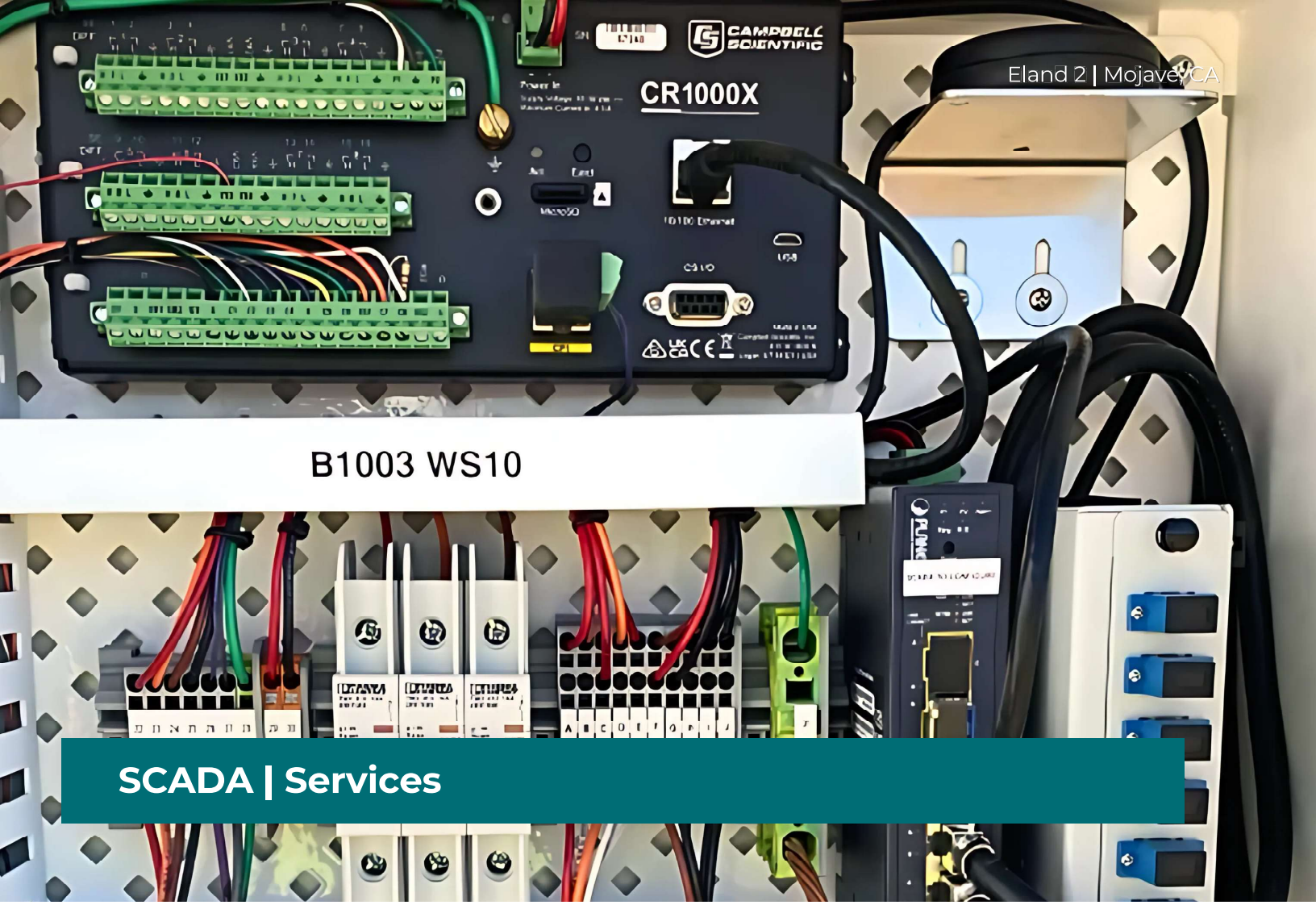

Fresno State University | Fresno, CA

Civil Construction Capabilities

- Directional Drilling
- Trenching
- Vacuum Excavation
- Pile Driving
- Concrete
- Asphalt Paving

Named as one of the **Top 600 Specialty Contractors** by Engineering News-Record

2024 ENR TOP 600



Eland 2 | Mojave, CA

SCADA | Services

SCADA Integration and Deployment

BEI Construction's low-voltage team provides complete Supervisory Control and Data Acquisition (SCADA) infrastructure for renewable energy projects, ensuring reliable, real-time monitoring and control of their systems.

Our scope includes installing field instrumentation cabling, I/O device integration, fiber optic and copper backbone networks, and connectivity to central SCADA servers. We work closely with OEMs, EPCs, and owner engineers to implement protocols such as Modbus, DNP3, and IEC 61850, so PV arrays, inverters, BESS units, substations, and control rooms communicate seamlessly.

Pairing our renewable energy construction experience with fully commissioned SCADA systems means every facility is ready to perform from day one, reducing downtime, improving output, and ensuring long-term visibility into operations.

The Integration provides:

- Continuous system performance data for informed decision-making
- Automated fault detection and alarm notifications
- Remote switching and control capabilities
- Enhanced asset management through predictive analytics

Renewable Energy | Sample Projects



Project Nexus | Central Valley, CA Phases 1 and 2
ENR 2026 Best Specialty Construction
NECA NorCal 2026 Project Excellence Award
Solar-Over-Canal Innovation



Stanton Battery Energy Storage | Stanton, CA
68.8 MW / 275.2 MWh
ENR 2024 Regional Best Energy/Industrial Project
BESS



City of Atwater RES-BCT | Merced County, CA
1.7 MW
NECA NorCal 2025 Project Excellence Award
Solar



High Desert | Victorville, CA
230 kV
Substation



State Fund Portfolio | 4 sites: Vacaville, Pleasanton, Redding, Sacramento, CA
6.27 MW Solar | 3 MWh BESS | 86 EV Chargers (Level 2 and 3)
Solar | BESS | EV Charging



Eland Phase 2 | Kern County, CA
374 MW
Solar | SCADA

Renewable Energy | Sample Projects



Southern California Energy Storage (SCE)
Long Beach, CA
2.15 GWh across 3 sites
BESS | SCADA



Bear Canyon & West Ford Flat | Middletown, CA
153 MWh | 43 Tesla Megapacks
BESS



Goleta Energy Storage | Goleta, CA
160 MWh | 44 Tesla Megapacks
BESS



Turlock USD | Turlock, CA
300 kW solar | 16 EV Chargers
Solar | EV Charging



Reid Gardner Power Generating Station |
Moapa Valley, NV
440 MWh
BESS | SCADA



Scheid Vineyards | Greenfield, CA
1.8 MW wind turbine
Wind

Quality Assurance | Health and Safety

Quality Assurance

At BEI Construction, quality is integrated into every phase, from field execution to closeout. Our high client retention reflects our commitment to doing things right the first time. We use Fieldwire to track activities, streamline approvals, and maintain strong documentation, supported by vendor standards, inspections, and ongoing staff training.

Quality Processes Include:

- Project tracking FIELDWIRE
- Daily/Weekly scheduling and job cost reporting
- Vendor approval process
- Materials and installation standards

Staff Trainings

- Materials specs and inspection protocols
- Return-to-vendor tracking and procedures
- AED, CPR, and First Aid
- OSHA compliance
- NFPA 70E

Health and Safety

Safety is non-negotiable at BEI Construction. Our proven safety program is continuously refined to meet industry standards, with leadership, safety staff, and union crews working together to foster a culture of accountability and prevention.

- Up-to-date documentation
- Injury Illness Prevention Plan (IIPP)
- Job Site Assessment: Task Forecasting
- Site-specific safety binders, including site-specific Health and Safety Plans
- Daily or weekly tailgate safety meetings
- PPE provided
- Accident Reporting Fleetio
- Vehicle tracking and maintenance
- Highwire Platinum-Rated Contractor

2026 PLATINUM SAFETY AWARD — HIGHWIRE — ID: 21093 — AWARDED CONTRACTOR

DPI — BEI Construction, Inc — Accredited on: 2023-01-03 — DAMAGE PREVENTION INSTITUTE Accredited Organization 2026

BEI CONSTRUCTION, INC. — 1 MILLION HOURS — Zero Recordable Incidents — WORKED SAFELY — 2026

2026 Safety Achievements
Surpassed 1 million work hours without an OSHA-recordable incident and earned two **NECA safety awards**: Zero Injury and Safety Excellence.

BCSP Board of Certified Safety Professionals · CHST® · STSC® · NFPA® · OSHA® · CAL OSHA

Union Workforce

Union-Certified Partnerships

Utilizing union affiliations for our projects, BEI Construction benefits from the expertise, professionalism, safety focus, fair treatment, and training opportunities that unions provide. Their expertise ensures quality workmanship, adherence to safety standards, and efficient project completion.

- **LIUNA** — Laborers' International Union of North America: Supporting underground and civil scopes with a highly trained workforce focused on safety and productivity.
- **IBEW & OPCMIA** — International Brotherhood of Electrical Workers and Operative Plasterers' and Cement Masons' International Association: Delivering high-quality electrical and concrete work aligned with industry standards.

Electrician Labor Unions

IBEW 06 (San Francisco, CA)
IBEW 11 (Pasadena, CA)
IBEW 40 (Hollywood, CA)
IBEW 100 (Fresno, CA)
IBEW 180 (Napa, CA)
IBEW 234 (Castroville, CA)
IBEW 302 (Concord, CA)
IBEW 332 (San Jose, CA)
IBEW 340 (Sacramento, CA)
IBEW 357 (NV)
IBEW 401 (NV)
IBEW 413 (Santa Barbara, CA)
IBEW 428 (Bakersfield, CA)
IBEW 440 (Riverside, CA)
IBEW 441 (Orange, CA)
IBEW 477 (San Bernardino, CA)
IBEW 551 (Santa Rosa, CA)
IBEW 569 (San Diego, CA)
IBEW 595 (Dublin, CA)
IBEW 617 (San Mateo, CA)
BEW 659 (Medford, OR)
IBEW 684 (Modesto, CA)
IBEW 769 (AZ)
IBEW 952 (Ventura, CA)
OE3 and Laborers
NorCal Laborers
SoCal Laborers

Our union partnerships ensure skilled, safety-trained crews deliver high-quality results on every project—on time, on budget, and to the highest industry standards.

Certifications & Affiliations

State of California License No. 528322, A, B, and C-10
State of Nevada License No. 1058239
State of Arizona License No. 330370 B-1 and No. 330371 C-11
DIR PWCR: 1000003198

Representative Client List

































































40+ School districts in California and 50+ cities and counties

From the CEO

BEI CONSTRUCTION, INC.

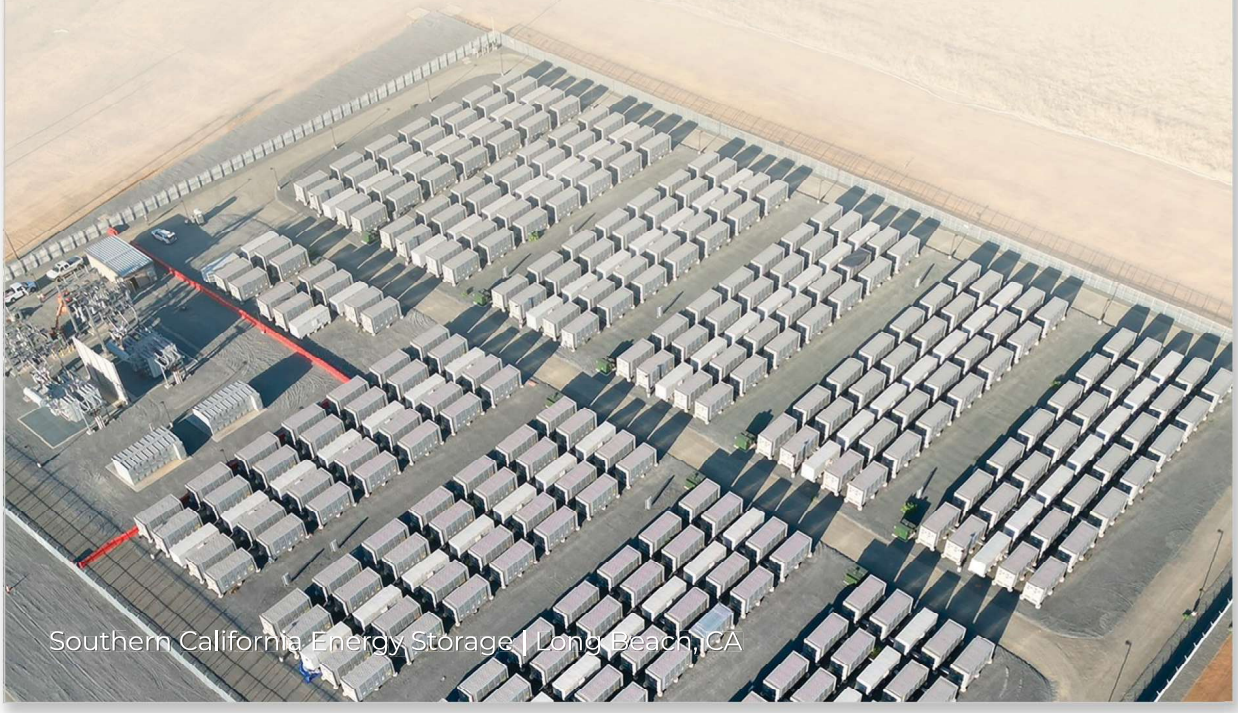
A Message from BEI Construction

At BEI Construction, we don't just build projects—we build trust. For over 35 years, our teams have delivered safe, high-quality electrical, civil, and technology infrastructure for clients across the energy and commercial sectors.

From utility-scale solar and storage to structured cabling, security and AV systems, our work is grounded in field expertise, technical precision, and accountability. We take pride in doing what we say we'll do—and doing it right.

Thank you for considering BEI Construction. We look forward to supporting your next project.

Dominic DiMare, CEO



Southern California Energy Storage | Long Beach, CA



Contact us today to start your project with BEI Construction

11-2026

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