10620 TREENA STREET,
SUITE 300 SAN DIEGO, CA 92131

CAPABILITY STATEMENT

Electric Distribution

COMPANY PROFILE

Incorporated in 1985, The Engineering Partners, Inc. (EPI) is an electrical engineering and design firm specializing in utility infrastructure projects and industrial power system projects. With a workforce of over 150 employees, our team provides owner's engineer services and engineering and design services with a demonstrated track record in ensuring the success of our client's programs.

CONTACT + DESIGNATIONS

The Engineering Partners, Inc.
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Cage Code: 0DVZ3
DUNS Number: 148097637 CA DIR Number: 1000029547 DBE Certification: WBE, VON 4DS00017,
CPUC Date Established: March 1985

NAICS CODES
541330: Engineering Services
541340: Drafting Services
SIC Code: 8711 Engineering Services

FIRM EXPERTISE

- Wildfire Mitigation and Electric System Hardening
- Electric Distribution Engineering and Design
- Substation Engineering and Design
- Electrification and Renewable Energy
- Battery Storage
- Industrial Engineering
- Waterfront Shore Power
- Water/Wastewater Power Systems
- Service and Switchboard Replacements and Upgrades

SERVICES

- Owner's Engineering
- Engineering and Design
- Data Management
- Utility Program and Project Consulting

WILDFIRE MITIGATION + ELECTRIC SYSTEM HARDENING

SDG&E Fire Risk Mitigation Program (FiRM) Owner's Engineering Services

Since 2014, the EPI team has been providing owner's engineering services for SDG&E's numerous wildfire mitigation programs including FiRM, Cross-Arm Remediation, Private LTE as well as other overhead distribution projects.

Projects under this program requires multiple easements which delayed the schedule and increased costs. EPI developed a process significantly reducing the number of easements, resulting in significant schedule improvements and reduced costs.

EPI worked with the client to develop cost savings measures which totaled over $100k per mile by reducing redundant survey scope.

SDG&E Strategic Undergrounding (SUG) Owner's Engineering Services

In 2020, SDG&E updated their Wildfire Mitigation Plan which included initiatives in strategic undergrounding of overhead power lines. Our team has successfully developed and published technical program direction to ensure a consistent design product meeting the utility's technical and construction standards from five engineering and design firms. To date, our team has performed quality reviews of over 80 miles of conversion work. EPI has proposed and executed numerous initiatives that resulted in significant schedule improvements and program costs reductions while maintaining safety and infrastructure reliability.

ELECTRIC DISTRIBUTION ENGINEERING + DESIGN

Electric System Reliability

Since 2015, EPI has worked with SDG&E as part of their Reliability Team. EPI has completed the design of a variety of reliability projects including, but not limited to, cable replacements, new overhead and underground switch installations, DOE and SF6 switch replacements, Public Safety Power Shutoff (PSPS), overhead booster and ground bank removals, overhead to underground conversions. Our team has also worked directly with the utility's Construction Standards Team to implement and install more than 13 new types of equipment to meet their changing needs. New equipment includes innovative switch gear switches, programable relay switches, SCADA submersible switches, MVI's and 200A/600A 12kV terminating cabinets. As part of the Reliability Team, we continue to support a resilient and reliable electrical grid for SDG&E.

New Business

EPI has worked with SDG&E's Planning Department in support of New Business projects. Our team has collaborated with Builders, Land Developers, and various City and County Agencies on behalf of their projects. EPI has provided management, utility coordination and applicant design services for housing and development communities in San Diego and Orange County. This includes over 50,000 residential lots/units and approximately 1 million square feet of commercial and retail space.

Overhead to Underground Conversion

EPI has designed numerous Overhead to Underground Conversions. EPI provides the engineering, design including the development of construction package for bid as well as coordination with all stakeholders; including all impacted customers, the communication companies, and utility.