



# DC ENGINEERING CONSULTING INC

## CAPABILITY STATEMENT

DC Engineering Consulting, Inc is a small business established in Washington State in 2017. By providing comprehensive electrical engineering solutions, prioritizing quality and client satisfaction, and staying at the forefront of industry advancements, DCEC has become a **trusted partner for design-build solutions**, from custom control panels, upgrades, retrofits, and switchgear design, to preventive/corrective maintenance of industrial power generation and distribution systems.

### SERVICES



**Electrical Engineering Services**



**UPS Survey  
UPS Battery Replacement**



**Custom Control Panel Design & Manufacturing**



**PLC Survey, Troubleshooting, and Programming**



**Electrical System Integration**



**Thermographic Surveys**



**HV & LV Circuit Breaker Maintenance**



**Cable Penetration Inspection & Repair**



**Switchgear Retrofit and Maintenance**



**Multi Cable Transit (MCT) Installation and Repair**

### KEY DIFFERENTIATORS



#### Multidisciplinary Teams

Our in-house and field teams combine expertise in Electrical Maintenance & Service and in the Design, Manufacturing, and Troubleshooting of custom systems, resulting in **cost-effective solutions** and reduced downtime.



#### Fast Turnaround Time

At DCEC we strive to provide our customers with quick responses and timely execution by optimizing our internal processes, effective resource allocation, and efficient project management, while **quality is always guaranteed**.



#### Flexibility and Adaptability

Rapid problem-solving and decision-making are a must in today's fast-changing global industry. Our streamlined structure allows us to seamlessly **adapt** to any challenge.



#### Project Take-off and Design-Build Capability

Our customers benefit from having a single point of contact and accountability throughout the project as we listen carefully to their needs and ensure to deliver **turnkey systems** that exceed their expectations.

## ★ PAST PERFORMANCE

### DC Power Plant & AC Inverters Design & Install

DCEC was tasked to design, supply, and install a continuous duty, 3-phase, solid-state, online double-conversion reverse transfer static DC Plant that conforms to UL 1778 and consists of a DC Plant module, battery system, BDFB, static bypass transfer switch, controls, and local and remote monitoring interfaces. The system was installed and commissioned in June 2024.

**NAVFAC PACIFIC | Marine Corps Base - Guam**



### Submetering System Design and Installation

As part of the relocation of Kadena Elementary School, DCEC was tasked to design and supply a submetering system featuring UL and CSA listed, revenue-grade accurate, power and energy metering devices with built-in Modbus RTU serial. The project was successfully completed in 06/2021.

**U.S. ARMY CORPS OF ENGINEERS | Kadena Air Base, Japan**



### Switchgear 321 Reconstruction & Replacement

The work consisted of the replacement of one side of a double-ended substation switchgear that was damaged during an incident at the ACC South PDC; the replacement included three sections of Low Voltage Switchgear consisting of one Main Breaker, one Tie-Breaker, and four Feeder Breakers. Field testing, verification, and commissioning were performed by DCEC engineers in October 2020.

**DOMINION ENERGY | Warren Country Power Station**



### CORE COMPETENCIES - NAICS

- **541330 Engineering Services**
- **541350 Building Inspection Services**
- **541380 Testing Laboratories and Services**
- **541690 Other Scientific and Technical Consulting Services**
- **561990 All Other Support Services**
- **335313 Switchgear and Switchboard Apparatus Manufacturing**
- **335314 Relay and Industrial Control Manufacturing**
- **336611 Ship Building and Repairing**

### CORPORATE DATA

**Business Address:**  
260 Sussex Ave W. #775  
Tenino, WA 98589-0775  
**EIN #:** 82-1869001

**Set-Aside:** SDB WOSB Self Cert  
**CAGE #:** 86FP4  
**UEI #:** YNF8Q8WEK8A

### CONTACT

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**www.dcec.us**

### CERTIFICATIONS

NFPA 70E SAFETY  
MARINE HIGH VOLTAGE SAFETY  
LEVEL II THERMOGRAPHERS  
OSHA-10 MARITIME  
FIRST AID/CPR/AED CERTIFIED  
UL - IND. CTRL. PANELS UL508A & UL698  
NAVSEA CERTIFIED CABLEWAY INSPECTOR

