

STEPHEN R. MCCURDY

1-907-942-0755
stephen@stephenmccurdy.com

PROFESSIONAL SUMMARY

Senior Utilities and Power Generation Executive with 20+ years of experience managing large-scale electrical power generation, utility infrastructure, and mission-critical energy systems supporting U.S. Government, Department of Defense (DoD), and international operations. Proven expertise directing MW-scale diesel power plants, medium-voltage electrical distribution networks, and complex infrastructure systems in austere and high-risk environments. Demonstrated success leading multinational engineering teams, improving operational reliability, and maintaining continuous electrical service across military installations, embassies, and remote operational bases. Highly skilled in power plant commissioning, generator fleet management, SCADA and PLC systems, and preventive and reliability-centered maintenance programs that maximize system performance and minimize operational downtime.

SKILLS

- Communication
- Problem Solving
- Strategic leadership
- Decision-Making Under Pressure
- Team development and mentorship
- Operational planning & Organisation
- SCADA & PLC System troubleshooting
- Adaptability & Cross Cultural collaboration
- Electrical power generation & Distribution
- Quality Assurance & Quality Control (QA/QC)
- Utilities & Energy Infrastructure Management
- Preventive & Reliability -Centered Maintenance

PROFESSIONAL EXPERIENCE

CASCADE CONTRACTING & SERVICES LLC

Kwajalein, US Marshall Islands

Logistics Manager

04/2025 to Current

- Lead logistics and supply chain operations supporting remote infrastructure and construction projects across international locations.
- Direct transportation, warehousing, procurement coordination, and fleet management activities to maintain operational continuity.
- Implement logistics planning strategies that improve supply delivery timelines and inventory accuracy.
- Collaborate with cross-functional teams to ensure efficient resource allocation and regulatory compliance.

NIKA SOLUTIONS

Kodiak, Alaska

Quality Control Manager

05/2024 to 04/2025

- Directed quality assurance programs ensuring compliance with project specifications, engineering standards, and regulatory requirements.
- Developed inspection procedures, quality control documentation, and performance metrics to improve project outcomes.
- Conducted root-cause analysis and corrective action planning to resolve operational and production deficiencies.
- Led quality teams and coordinated with engineering personnel to maintain consistent quality and safety performance.

MBP

Tinian, Commonwealth of the Northern Mariana Islands

QA Construction Engineering Technician

02/2024 to 05/2024

- Conducted quality assurance inspections of construction materials, structural components, and installation processes.
- Verified contractor work against engineering drawings, project specifications, and safety requirements.
- Prepared QA inspection reports and documentation supporting regulatory and compliance audits.
- Coordinated with project engineers and contractors to resolve quality issues and maintain project timelines.

NAVFAC SOUTHWEST

Electrical Operations Supervisor

10/2023 to 01/2024

- Directed electrical power generation and distribution operations including power plants, substations, and renewable energy systems.
- Supervised high-voltage technicians and operations teams responsible for grid reliability and maintenance programs.
- Implemented switching procedures, outage coordination, and SCADA monitoring to optimize system performance.
- Ensured full compliance with NAVFAC, OSHA, NFPA 70E, NEC, and electrical safety standards.

AMERICAN SYSTEMS GROUP

Guantanamo Bay, Cuba

QA Construction Engineering Technician - OCONUS

02/2023 to 08/2023

- Performed quality assurance inspections on international construction projects supporting U.S. government operations.

- Reviewed contractor submittals, engineering documentation, and technical specifications for compliance. Monitored construction progress, safety compliance, and quality performance across multiple project sites.
- Maintained detailed inspection records, QA reports, and corrective action documentation.

CURTIS POWER SOLUTIONS

Branch Operations Manager

09/2022 to 02/2023

- Directed branch operations including service delivery, staffing, budgeting, and equipment management.
- Implemented operational improvements that increased productivity and service efficiency.
- Managed technical service teams responsible for generator installation, maintenance, and repairs.
- Oversaw financial controls, regulatory compliance, and operational performance metrics.

J&J WORLDWIDE SERVICES

Camp Humphreys, South Korea

CUP Manager Qa Supervisor - MEDDAC Korea

08/2021 to 08/2022

- Led healthcare facility quality assurance and safety programs supporting U.S. Army medical operations.
- Implemented compliance programs aligned with Joint Commission and MEDCOM standards.
- Conducted quality audits, performance assessments, and safety inspections.
- Collaborated with medical leadership to improve operational procedures and regulatory compliance.

VECTRUS SYSTEMS CORP

Muwaffai-Salti Air Base, Jordan

Site Manager

01/2021 to 06/2021

- Managed site operations including contractor coordination, project execution, and infrastructure maintenance.
- Oversaw construction and facility support teams ensuring projects were delivered on schedule and within budget.
- Implemented safety programs and operational procedures to maintain incident-free work environments.
- Provided project performance reports and operational updates to senior leadership.

PAE

U. S. Embassy, Kabul

Power & Fuel Systems Supervisor

01/2019 to 10/2020

- Supervised power generation and fuel distribution operations supporting embassy infrastructure.
- Managed maintenance, inspection, and troubleshooting of electrical and fuel system equipment.
- Ensured continuous power supply through preventive maintenance and operational monitoring.
- Directed technical teams responsible for energy infrastructure performance and reliability.

DYNCORP INTERNATIONAL

US Army Garrison - Kwajalein Atoll, Republic of the Marshall Islands

High Voltage Power Generation Foreman

08/2018 to 01/2019

- Supervised high-voltage power generation operations and electrical distribution systems.
- Implemented preventive maintenance strategies improving system reliability and reducing downtime.
- Managed technical teams performing maintenance on generators, transformers, and switchgear.
- Enforced strict electrical safety standards and compliance procedures.

KBR

Camp Redleg, UAE

Power Generation Foreman

01/2018 to 03/2018

- Performed maintenance and repair on diesel generators ranging from 6 kW to 1000 kW.
- Diagnosed AC/DC electrical systems, electronic control modules, and generator wiring systems.
- Installed, removed, and transported generators between operational locations and maintenance shops.
- Maintained Caterpillar, Cummins, FG Wilson, Volvo, SDMO, AKSA, and military generator systems.

LOUIS BERGER

Al Asad Air Base, Iraq

Senior Power Plant Technician & Operator

04/2017 to 12/2017

- Operated and maintained a 6 MW diesel-powered electrical generation facility.
- Supervised maintenance teams responsible for 3-phase 4160V diesel power systems.
- Developed maintenance schedules, labor planning, and operational procedures.
- Implemented safety programs and quality assurance processes for power plant operations.

FLORIDA DETROIT DIESEL ALLISON

Miami, Florida

Power Production Supervisor

01/2017 to 04/2017

- Managed installation, maintenance, and replacement of industrial generator systems.
- Supervised service technicians and coordinated outage scheduling.
- Assisted customers with technical support and generator performance troubleshooting.
- Developed service budgets and performance standards for technical teams.

SALLYPORT

Balad, Iraq

Power Production Superintendent

03/2016 to 01/2017

- Directed daily power generation operations supervising a team of 20 technicians.
- Managed maintenance of 20 prime power generators and over 280 auxiliary generators.
- Developed standard operating procedures, maintenance schedules, and safety programs.
- Conducted fuel monitoring and load optimization to improve power grid efficiency.

ALYESKA RESORT & HOTEL ALYESKA

Girdwood, Alaska

Utilities & Project Manager

10/2015 to 03/2016

- Managed electrical power generation and distribution infrastructure supporting resort operations.
- Maintained auxiliary diesel generators and boiler systems supporting facility utilities.
- Supervised electrical system upgrades and expansion projects.
- Coordinated engineering teams and contractors to ensure reliable power delivery.

CENTERRA LLC

Diego Garcia, BIOT

Utilities Manager

03/2015 to 08/2015

- Managed power generation infrastructure including diesel generators and electrical distribution systems.
- Developed operational budgets and cost-control strategies for utilities departments.
- Implemented contingency plans and mobile power generation capabilities.
- Led training programs for power generation technicians and maintenance personnel.

ENTECEE ENGINEERING TECHNICAL GROUP

Cummins Power Generation Contract

Delivery & Execution Project Manager

03/2013 to 04/2014

- Managed large-scale diesel power generation deployment projects supporting data center infrastructure.
- Directed project scope, schedules, and resource allocation across multiple project teams.
- Coordinated installation of stationary diesel power generation systems.
- Maintained stakeholder communication and ensured project milestones were achieved.

FLUOR-FGG

FOB Salerno, Afghanistan

Power Generation Manager

01/2013 to 03/2013

- Directed power generation operations supporting U.S. military installations.
- Supervised maintenance of a power plant containing eight 2.5 MW generators.
- Managed maintenance programs for over 1,300 auxiliary diesel generators.
- Led multinational teams responsible for power plant operations and infrastructure reliability.

EDUCATION AND TRAINING

ASSOCIATE DEGREE: AUTOMOTIVE AND DIESEL TECHNOLOGY

UTI

CONTINUED EMPLOYMENT

- Power Generation Foreman, KBR, FOB Orgun, Afghanistan, 03/2008, 11/2009
- O & M Supervisor, DynCorp International, Iraq & Afghanistan, 10/2006, 03/2008
- Power Generation Foreman, KBR, Camp Taji, Iraq, 03/2005, 09/2006
- Power Generation Foreman, KBR, USMI Camp Babylon, Iraq, 03/2003, 03/2005
- Power Systems Superintendent, ITT Systems, Qatar, 01/2003, 03/2003
- Maintenance Supervisor-EDG Services, Burns & Roe Service, US Naval Station, Cuba, 01/2002, 01/2003
- Power Plant Maintenance, Raytheon Range Systems, Location, 02/2001, 12/2001
- Junior Engineering, Chevron Shipping Company & Tidewater Marine, Alaska, 1994, 1998