



**PDS**

**PDS**  
Electrical Design  
Capabilities

**Statement of  
Qualification**

*Delivering value to clients from project concept to completion*

2025

# Project Development Solutions

- **Founded:** 2019
- **Business Units** – Technical Consulting, Development, and Engineering, Procurement, and Construction (EPC)
- **Licenses:** Licensed Class A Contractor # 1108886
- **Industry Expertise:** Energy (Solar, BESS, CSP), Microgrids, Oil & Gas, Commercial
- **In-House Capabilities:** Engineering (Mechanical, Process, Electrical, Civil), Electrical Design, Construction, Grants development and administration, and Project Management

## Core Services

- Engineering, Procurement, Construction, and Management (EPCM)
- Turnkey construction (Major Expense Projects)
- Technical Consulting
- Facilities Design

# Leadership Team



**Tunde Deru**  
President & CEO

*Leadership roles in  
Berry Petroleum and  
GlassPoint  
Managed projects  
> \$500 million in the  
energy sector*



**Ben Okoro**  
EPC Manager

*Former Chevron  
Senior Mgr., with  
three decades of  
Major Capital  
Projects experience,  
in the US and  
Overseas*



**Jess Benardo**  
Construction Mgr.

*30 years  
construction  
experience in  
industrial,  
commercial, public  
and energy sectors  
in the US and  
Overseas*



**Gbemi Deru**  
Bus. Manager

*MBA with 20 years  
business  
management  
experience in retail  
and food and  
beverage industries*



**Blair Pruett**  
Bus. Dev.

*40 years business  
development  
experience in  
construction and  
energy industries*

# Technical Services

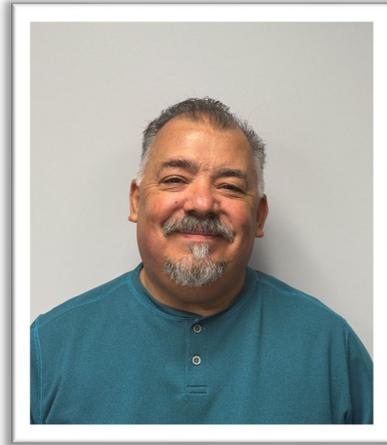
Project Management	Facilities Design and Drafting	Construction
<ul style="list-style-type: none"> <li>Scope of Work Development</li> <li>Project Cost / Budget Development</li> <li>Schedule and Cost Development</li> <li>Value Engineering and Project Planning</li> <li>Cost and Schedule Tracking</li> <li>Project Coordination</li> <li>Pre-Construction Organization</li> <li>Construction Administration</li> <li>Document Management</li> </ul>	<ul style="list-style-type: none"> <li>Mechanical Design</li> <li>Electrical Design</li> <li>Plot Plans</li> <li>PFDs and P&amp;IDs</li> <li>Design Documentation</li> <li>Package (DBM)</li> </ul>	<ul style="list-style-type: none"> <li>Construction Coordination Supervision</li> <li>Construction Quality Management</li> <li>Permitting and Inspections Coordination</li> <li>Constructability and Design Reviews</li> <li>Construction Quality Management</li> <li>Construction Safety Management</li> </ul>
Project Development	Procurement	Project Financing
<ul style="list-style-type: none"> <li>Real Estate Curative Process</li> <li>Permitting Support</li> <li>Utility Interconnection Support</li> <li>Project Engineering</li> <li>Project Feasibility</li> </ul>	<ul style="list-style-type: none"> <li>Equipment Procurement</li> <li>Subcontractor Selection</li> <li>Construction Logistics and Material Expediting</li> <li>Procurement Management</li> </ul>	<ul style="list-style-type: none"> <li>Financial Structuring</li> <li>Financial Modeling</li> <li>Project Due Diligence</li> <li>Return Analysis</li> <li>Cost Analysis</li> </ul>

# Electrical Team



**Charles Amarikwa**  
CA Licensed EE PE

*40 years' electrical engineering experience in power system analysis and protection, equipment specification and design, project management, and control systems design in Oil & Gas, Renewable Energy and Construction.*



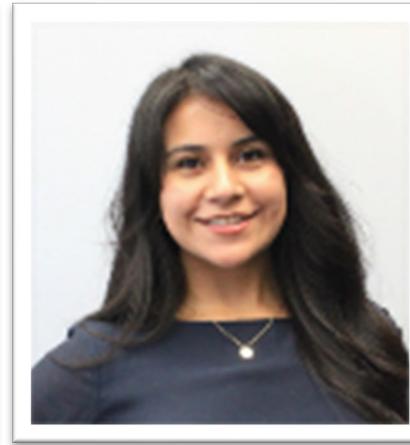
**Vidal Barrera**  
Senior Designer

*Worked 30 plus years on designing MCC elevations, in power distribution systems, including 12kV and 480V networks control schematics, loop diagrams, PLC panel layouts, and SCADA system in the energy, and municipal projects.*



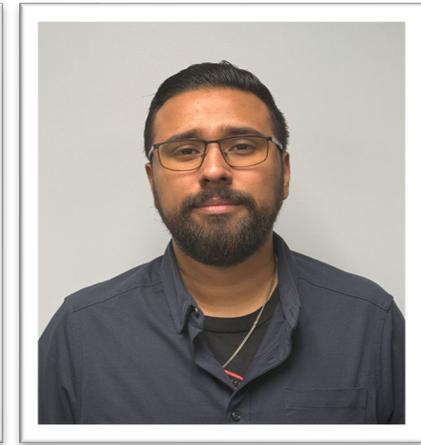
**Dominic Torres**  
Project Engineer

*Expertise in electrical engineering analysis, modeling (ETAP) studies and electrical designs including development of Single Line Diagram (SLD), equipment specifications etc.*



**Alyssa Kinkade**  
Project Engineer

*Expertise in electrical engineering analysis, modeling (ETAP) studies and electrical designs including development of Single Line Diagram (SLD), equipment specifications etc.*



**Andrez Bernal**  
Project Engineer

*Specialization in technical designs, electrical design and drafting including Single Line Diagram (SLD), Site Layout; Equipment Layout; Three-line Diagrams; Cable Routing & Schedule; Overhead Pole Line Layout and Design*

# Electrical Capabilities

<b>Electrical Power System Analysis</b>	<b>Control Systems</b>	<b>Electrical/AutoCAD Design &amp; Drafting</b>
ETAP Modeling Utility Interconnection Support Power Systems Protection & Relaying Battery Energy Storage Systems (BESS) Permitting Equipment Specification/Datasheet Development	Instrumentation and Controls PLC/DCS Programming SCADA/HMI Remote Terminal Units (RTU)	Single Line Diagrams Power Generation & Distribution Hazardous Area Classification Control Panel Layouts & Wiring Diagrams Conduit & Wire Schedule Control Schematic Wiring Diagrams Overhead Pole line Design Grounding Plans & Details Lighting Design
<b>Code &amp; Standard Compliance</b>		<b>Miscellaneous</b>
NEC, OHSA, NFPA, IEEE, ANSI, ISA, GO95, AHJ Standards...		Utility Interconnection applications Utility service and upgrade applications Incentives and rebates applications Electrical demand and consumption analysis

# Key Electrical Projects

Project	Description
<b>22 MW DC Solar Project</b>	<p>PDS is currently providing electrical engineering and project management services for a 20 MW DC ground-mounted, single-axis tracking system. The scope includes full electrical design, permitting support, and procurement coordination. Engineering deliverables are being developed in phases, with PE-stamped drawings to be submitted for Kern County permitting. Drawing packet included: Site/PV Array Layout; Single Line Diagram (SLD); Equipment Layout; Three-line Diagrams; Thermal Ampacity/Resistivity Study; Short Circuit Analysis; Protective Coordination Study; Grounding Systems Analysis; Arc Flash Hazards Analysis; Cable Management; Cable Routing &amp; Schedule; Overhead Pole Line Layout and Design; DAS/SCADA; Equipment Specifications; Material List</p>
<b>13 MW DC Solar Project</b>	<p>PDS is providing electrical engineering, design and engineering management for a 13 MW DC ground-mounted, single-axis tracking system. The scope includes full electrical design, permitting support, and procurement coordination. Engineering deliverables are being developed in phases, with PE-stamped drawings to be submitted for Kern County permitting. Drawing packet included: Site/PV Array Layout; Single Line Diagram (SLD); Equipment Layout; Three-line Diagrams; Thermal Ampacity/Resistivity Study; Short Circuit Analysis; Protective Coordination Study; Grounding Systems Analysis; Arc Flash Hazards Analysis; Cable Management; Cable Routing &amp; Schedule; Overhead Pole Line Layout and Design; DAS/SCADA; Equipment Specifications; Material List</p>
<b>1 MW DC Solar Project</b>	<p>PDS provided project engineering, design, permitting, and interconnection application support up to a 90% engineering design packet for building permit application for the installation of a ground mounted solar project with an estimated power production of 1.0 MW DC. The electrical package included: System plot plan, Single Line Diagrams (SLDs), Conduit and cable schedule, DC routing plan, equipment layout, conduct routing details, equipment grounding details, equipment specs, signage details.</p>
<b>156 kW DC Solar Project</b>	<p>PDS is developed a 156 kW DC solar carport system in Needles, CA, consisting of two canopy-mounted PV structures. The scope included the complete electrical design package for utility application and building permit approval. The package included the following – Single Line Diagrams (SLD), Electrical site plan, electrical equipment general arrangement, grounding plans and details, Control systems and communication, LV conduit routing and schedule and installation details and specifications.</p>
<b>Behind the Meter Applications</b>	<p>(6) Solar PV Ground Mount Systems Project Development Solutions provided project engineering, design, permitting, and interconnection application support up to a 30% engineering design packet.</p>
<b>Utility Service Upgrade 800A</b>	<p>The facility had existing solar panels and solar equipment; was looking to upgrade from the main switchboard (800A) to a bigger board (1600a) to allow for future load expansion. PDS designed the necessary electrical drawings including the main electrical equipment, gas meter, and water line. Deliverables included a plot plan, a single-line diagram, and a load summary.</p>

# Contact Us

**PDS**

*A Project Development,  
Engineering Procurement  
and Construction (EPC)  
Company*

**Blair Pruett**

Director, Business  
Development

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