



SolvedEngineering
Electrical Division of The David & William Group

Solving Problems in the Infrastructure and Electric Utility Industry.

The expertise to provide comprehensive Electrical Engineering Design Service, Research & Development, and Consulting.

Established: 2014
Employees: 20

Business Summary

Solved Engineering LLC is the Electrical division of The David & William Group. We are a Ph.D. credentialed Professional Electrical Engineer Research and Consulting firm (MBE / DBE) that offers Engineering Design, Subject Matter Testimony and Engineering Calculation / Studies Service.

Differentiators

There is no other PhD credentialed, Civil & Electrical Engineering Design/build firm that is certified with clients Internationally and African American owned in North America.

Credentials

Electrical Engineering Ph. D, M.S, B.S

Professional Engineering Licenses

AZ, CA, HI, IL, IN, MN, TX, WI, SD, VA

Pertinent Codes

EIN:47-1340811
NAICS Codes: 541330, 541700
DUNS Number: 07-977-8214
CAGE Number: 7CVN9

Clients

It all starts with personal choice.

Sempra/SDG&E
Xcel Energy
Novel Energy
Potentia Solar
ECI/SDG&E
AECOM
Power Engineers

KDM Engineering
PMI Energy
EVS-Engineers
Ameren Illinois
PowerWright Technologies
CCJM Engineers



Core Competencies

- Electrical Engineering Regulatory Advice
- Protection and Controls Engineering
- Digital Relay Settings
- Up to Transformer Design 745kV / 300MVA
- Distribution/Substation Design
- Electrical Inspections / Forensics
- Protective Relay Scheme Design
- Expertise in AutoCAD, Bentley Microstation
- Specialists in Mathcad, PSCAD, ETAP, SKM, PSSE
- 35.4kV and below Distribution Projects
- 138KV to 345kV Transmission Projects
- Photovoltaic (Solar) Interconnection Studies

Selected Projects

Xcel Energy

Fault studies for Montrose, Lake Pulaski, Pleasant Prairie, and Waverly Substations. Performed detailed calculations and provided reports to The Minnesota Public Utility Commission and Minnesota Department of Commerce.

KDM Engineering

Provided AC/DC and wiring schematics for SEL Relays
Upgraded Digital Meters to Substations
Designed Load Tap Changer Control scheme utilizing Beckwith Relays

Major Utilities

- Beckwith 2001D Relay Upgrades for Parallel Transformers
- Feeder relay and metering upgrade for multiple Substations
- Transmission Line Planning and Consulting
- Voltage Optimization
- Intelligent Substations
- Staffing

Contact Us

<http://www.solvedeng.com>
Email: info@solvedeng.com
Phone: 1-800-975-9723

Office Locations

San Diego Office
Hazard Center
1455 Frazee Rd #500
San Diego CA, 92108

Phoenix Office
Scottsdale Park Suites
1251 N Miller Rd, #210
Scottsdale, AZ 85257

Chicago Office
55 E Monroe #3800
Chicago IL, 60603

Los Angeles Office
11751 Hortense Street
Valley Village CA, 91601