

Statement of Qualifications



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WHO WE ARE



»»» HISTORY & BACKGROUND

Arch Electric, Inc.

- Established in 2003, in Plymouth, WI
- Family-owned, 2nd Generation
- Certified Women's Business Enterprise
- AMICUS ethical cooperative member
- NABCEP-Certified PV Installation Professional

»»» OFFICE

1237 Pilgrim Road, Plymouth, WI
920.893.8388



»»» SERVICE TERRITORIES



»»» SAFETY

- Project Specific Healthy and Safety Plans
- Weekly 3rd Party Safety Inspections
- 2025 EMR Rate: .82
- ISNetworld Approved Contractor



»»» QUALITY ASSURANCE

- Third Party QA/QC Inspections
- Project Commissioning Plan, including compliance with:
 - IEC 62446-1
 - IEC 60364-6
 - ANSI/NETA ATS-2021
 - IEEE 81

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SERVICES PROVIDED

Construction Management Services, Including:

- Project Health and Safety Plan
- Job Site Security
- Temporary Power, Gas, and Water
- Job Trailer and Secured Storage
- Gravel Pads for Parking
- Entrance Roads
- Site Clearing and Temporary Seeding
- Storm Water Controls
- Vegetation Management
- Topographical Surveys and Grading
- Weekly Owner's Meeting, Featuring Safety and Construction Schedule Updates

Quality Control, Including:

- IV Curve Testing
- Drone IR Module Mapping
- IR Equipment Scans
- Conductor Resistance Testing
- Conductor Polarity Testing
- Torque Log
- VLF and Transformer Testing
- Testing Services performed to NETA Standards

Electrical Construction, Including:

- DC to Medium Voltage Electrical Construction
 - Equipment Pad Construction
 - Weather Stations and Communications
 - Excavating
 - Compaction Testing
 - Dedicated Quality Control Management

Mechanical Racking Construction, Including:

- Piles, Rack, and Module Installation
- Single Axis Tracker or Fixed Tilt Systems
- Topographical Mapping services
- Trimble Guided Equipment
- Surveying
- Pile Load Testing
- Dedicated Quality Control Management



ARCH ELECTRIC TIMELINE



2003

Arch Electric, Inc. is founded in the basement of Ed and Mindy Zinthefer's farmhouse.

2005

Ed Zinthefer becomes one of the first NABCEP Board Certified PV Installation Professionals in the country.

2017

IKEA partners with Arch Electric to install a 1.62MW system on their Wisconsin store rooftop, which at the time of installation was the largest solar array in Wisconsin.



IKEA Project

2018

Butter Solar portfolio introduces Arch Electric as a prevalent electrical contractor dedicated to utility solar.

2019

Mendota project launches Arch Electric as a full-service mechanical contractor.



Mendota Project

2021

Arch bolsters its statewide reach with the Mastodon Portfolio, working as the general contractor for 4 concurrent projects in Wisconsin.



Civil Work and Equipment Pad Preparation

2022

Arch Electric performs work on a 14MW portfolio as a fully integrated Solar EPC provider. Arch designers, operators, and technicians completed design, civil, electrical, mechanical, and commissioning services at these sites.



Post Pounding and Racking Preparation

2025

Arch's yearly installation portfolio as an EPC surpasses 65MW as we continue to expand our team's capabilities.

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EXPERIENCE & KEY MEMBERS



The following team members play a critical role in the design, engineering, procurement, construction, and administration of the company's solar electric systems, and will specifically contribute to the solar project.

Arch Electric is unique because we are vertically integrated. This means every Arch Electric project will be handled by Arch employees from the beginning to the end, ensuring you have consistent updates and cross-functional experts who are working together for the success of your project.



Ed Zinthefer

President

- 20+ year Master Electrician with experience in large industrial wiring and complicated control systems



Dan Steinhardt

Business Development

- WI, IL, MI, and IA Master Electrician's License
- NABCEP Installation Professional



Mindy Zinthefer

Owner & CEO

- 20 years in the solar industry leading Arch through a changing landscape



Evan Nordby

Head of Business Operations

- 8 years of accounting and business management experience
- NABCEP Associate PVA



Jeff Ray

Director of Finance

- 25+ years of comprehensive accounting and financial experience
- BS in Accounting, MBA



Haley Feeny

Human Resources Manager

- 5 years human resource experience
- Well-versed in labor requirements and hiring diverse talent pools



Terry Hamer

General Manager

- 20+ years of electrical and engineering experience
- Certified Navy Nuclear Engineer
- BS in Physics, MBA- The Wharton School



Hannah Farnsworth

Accounting

- Experienced in Cash Management and timely processing of payments and receipts



Rebecca Nicholson

Project Manager

- 6+ years in industry specializing in project management and system design
- B.S. Renewable Energy Systems



Alec Weggemen

Project Manager

- 10+ Years of Project Management
- NABCEP PV Associate
- Supported the installation of 20+MW of solar

PROJECT HIGHLIGHTS



»»» BONDUEL

This 8.6MW site in Bonduel, WI had zero recordable incidents on site.



»»» ENGEL 1A

A 3.0MW site in Sandwich, IL, the Engel 1A project has over 1500 hours of apprentice- labor.



»»» DALLUGE

Dalluge highlights a 5.29MW site in Champaign, IL. This project finished mechanical completion 1 month early.



»»» REIFSCHNEIDER

Reifschneider is a 13.6MW site in Belleville, IL. With 22,565 Q.P. solar panels, the project saw over 10,800 hours of labor by apprentices. Our team of 62 employees worked for 6 months, through unexpected weather delays, and had 0 recordable incidents on site.



»»» WANDA CLARK 1 & 1A

The Wanda Clark projects are 6.2MW of solar co-located in San Jose, IL. This site uses 32 inverters and over 10,500 solar panels to offset the equivalent of 6,831 metric tons of carbon dioxide.



»»» PEEBLES

Peebles highlights a 5.99MW project in Marion, IL. The team of 44 employees completed the job in 7 months, due to weather delays in the colder seasons. With perseverance and technical skill, all 10,344 modules were placed and operational before year-end.

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