Statement of Qualifications

ARCH ELECTRIC
THE ENERGY EXPERTS

1.920.893.8388 | ARCHRENEWABLES.COM

WHO WE ARE

HISTORY & BACKGROUND

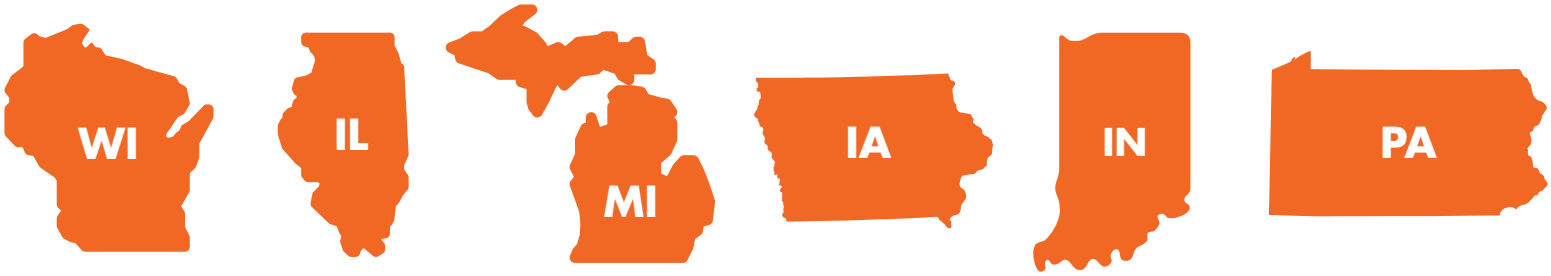
Arch Electric, Inc.

- 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
- 2026 EMR Rate: .67
- 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

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
  - Dedicated Quality Control Management
  - BESS Integration

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.

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.

2021 Arch bolsters its statewide reach with the Mastodon Portfolio, working as the general contractor for 4 concurrent projects in Wisconsin.

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.

2025 Arch's yearly installation portfolio as an EPC surpasses 65MW as we continue to expand our team's capabilities.

IKEA Project

Mendota Project

Civil Work and Equipment Pad Preparation

Post Pounding and Racking Preparation

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EXPERIENCE & KEY MEMBERS

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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

Haley Feeny
Human Resources Manager
- 5+ years of human resource experience
- Well-versed in labor requirements and hiring diverse talent pools

Mindy Zinthefer
Owner & CEO
- 20 years in the solar industry leading Arch through a changing landscape

Kyle Hawkinson
Senior Project Manager - Construction
- 6+ years in industry, specializing in pm construction, operations, and service
- B.S. Mechanical Engineering
- NABCEP Commissioning & Maintenance Specialist

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

Rebecca Nicholson
Senior Project Manager - Preconstruction
- 6+ years in industry, specializing in project management and system design
- B.S. Renewable Energy Systems

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

Alec Weggemen
Senior Project Manager - Construction
- 10+ Years in Project Management
- NABCEP PV Associate
- Supported the installation of 20+MW of solar

Dan Steinhardt
Business Development
- WI, IL, MI, and IA Master Electrician's License
- NABCEP Installation Professional

Tiffany Vande Hey
Controller
- Experienced in Cash Management and timely processing of payments and receipts

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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.Peak 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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