

Statement of Qualifications



1.920.893.8388 | archelec.com

COMPANY PROFILE



Overview

- Company name: Arch Electric, Inc.
- WBE (Women Owned Business Enterprise)
- Company address: 1237 Pilgrim Rd. Plymouth, WI 53073
- Company telephone number: (920) 893-8388
- Arch WI Electrical Contractor License Number: S1097745
- Arch IL Distributed Generation Contractor License Number: 20-0112
- Number of years Company has been in business: 19 years

Arch's Mission

To educate, inspire, and empower current and future generations to choose a clean sustainable form of energy.

Bio

We are proud to be the lead solar energy company in Milwaukee, WI and the surrounding areas. We provide our services to all of Wisconsin and Illinois. With office locations in Plymouth, Milwaukee, and Madison, our experts can meet the needs of all commercial, residential, and utility clients with timely and professional care.

Safety Record

- Verified 2022 EMR Rate: 1.25
- Dedicated Environmental, Health and Safety Coordinator
- Daily/Weekly Safety Reports

3-Year look back at Mechanical and Electrical Utility Construction Teams

- Service Territories: Wisconsin and Illinois
- Total MW Installed: 45.9
- Locations: 21
- Largest Site: 5 MW DC



Utility 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

Operations and Maintenance Testing Services, Including:

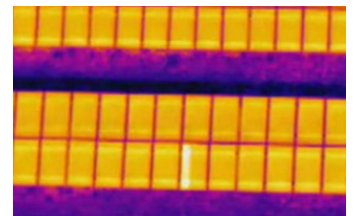
- IV Curve Testing
- Drone IR Module Mapping
- IR Equipment Scans
- Conductor Resistance Testing
- Conductor Polarity Testing
- Torque Log
- VLF and Transformer Testing
- Testing Services performed through NETA Standards

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.

2010

Arch Electric, Inc. tackles its first commercial job with Maywood Environmental, a city-owned park and ecology center in Sheboygan, WI.



Maywood Environmental

2014

Arch Solar's Milwaukee Group Buy Program successfully installs dozens of arrays on residential homes in the span of 1 year.



Milwaukee Group Buy

2017

IKEA partners with Arch Electric to install a 1.62MW system on their Wisconsin store rooftop, leading to more IKEA rooftop projects in Illinois.



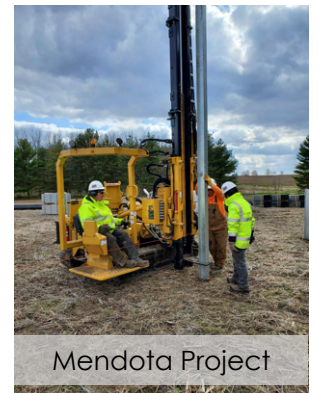
IKEA Project

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.

2021

Technology advancements allow Arch's Trimble GPS-guided Hercules post pounder to automate and expedite processes.



Grand Valley Dairy Project

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
- NABCEP - PV Installation Professional



JD Smith

Head of Business Development

- Multi-dimensional background including academia, fundraising, and communications
- Consistently evolving the solar industry



Mindy Zinthefer

Owner & CEO

- 20 years in the solar industry leading Arch through a changing landscape
- Emphasis on quality, service, and environmental stewardship



Dan Steinhardt

Business Manager, Arch Solar C&I

- WI Master Electrician #1110547
- Certified Energy Manager #24334
- NABCEP Associate PVA-022020-031849



Jeff Ray

Director of Finance

- 25+ years of comprehensive accounting and financial experience
- BS in Accounting
- MBA
- NABCEP Associate - Photovoltaic



Eric Trempe

Head of Technical Operations, Arch O&M

- 25+ years electrical and engineering experience
- OSHA30, NFPA 70E
- 5 years of solar troubleshooting and repairs
- Top performer in solar O&M



Amanda Schillingowski

Business Operations Manager

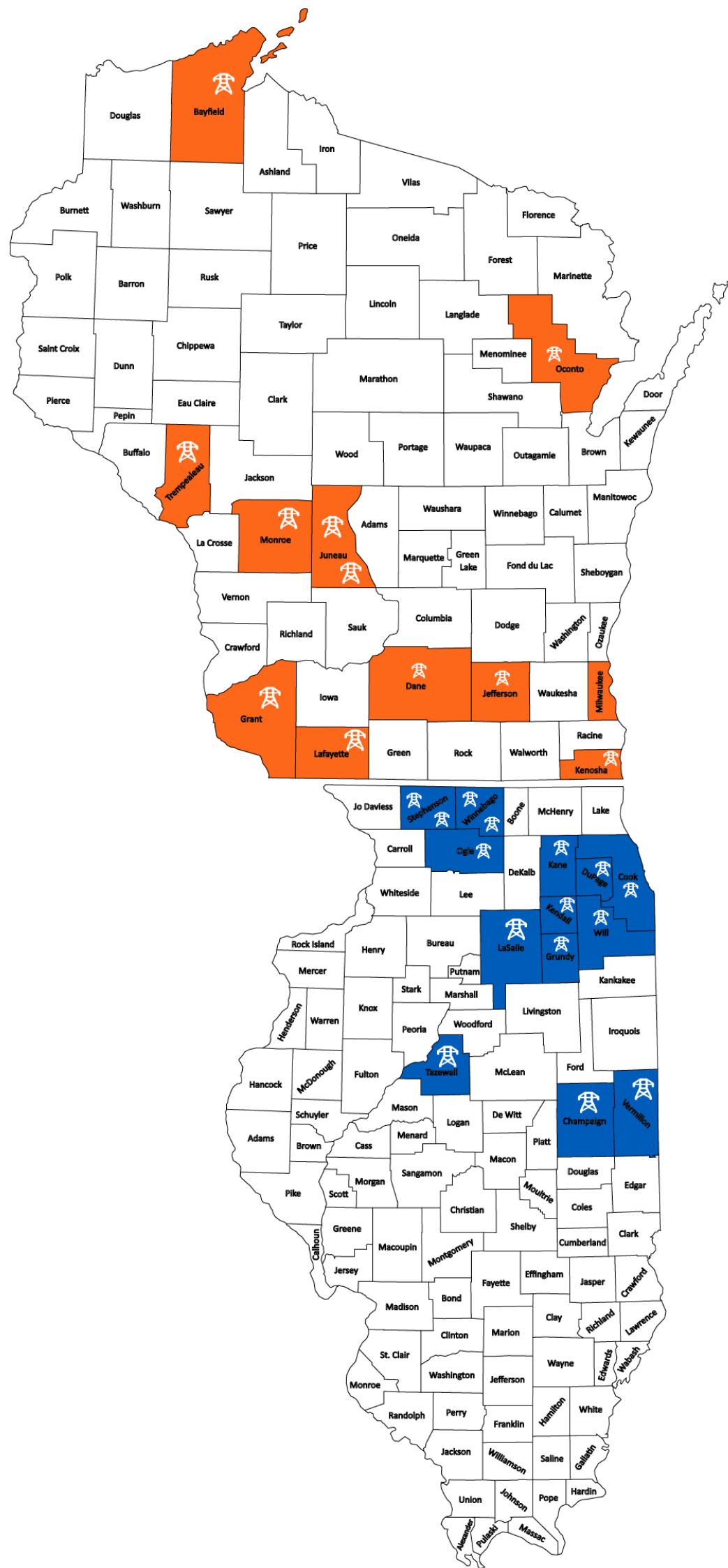
- Skilled in Customer Service & Estimating, Accounting, and Business Operations
- BS in Accounting



Cody Van Ginkel

Director of Technical Operations

- WI Journeyman Electrician #1285695
- NABCEP Associate PVA-031122-014166
- OSHA30, NFPA 70E



MENDOTA
📍 IL ⚡ 2.5 MWdc



OREDOCK
📍 WI ⚡ 1.00 MWdc



ARGYLE
📍 WI ⚡ 1.08 MWdc



CASHTON
📍 WI ⚡ 2.56 MWdc



Cody T Van Ginkel

W4183 County Road W. Waldo, WI 53093 | Cell: 920-838-6543 | Email: Cvanginkel@archelec.com

Experienced Jobsite Superintendent. Skilled in Troubleshooting, Testing, Maintenance, and Repair of Electrical systems. Experience in optimizing profitable jobsite performance. Expert level use of Equipment such as skid loaders and Excavators. Proficient in Electrical concrete pad layout and construction. Knowledge and experience in reading and understanding project blueprints and shop drawings.

Experience:

Arch Electric

Project Manager/Head of Technical Operations

2022-Present

Construction/Project Manager:

2021-Present

- Led the Constructed 4 Projects that totaled 12 MW of solar in the last 12 months, with contracts totaling 4.3 million.
- Organized rentals and subcontracting on projects as well as scheduling.

Journeyman Electrician:

2016-Present

- Assisted in the installation of Electrical Equipment at multiple Industrial Facilities, including CNC machines, Switchgear, and Robot Cells.
- Specialized in Lighting Solutions in Industrial and Commercial Facilities.

Site Superintendent:

2019-2021

- Supervised the Construction of 15MW across 8 projects.
- Led crews of up to 25 workers

Apprentice Electrician:

2013-2016

- Worked under the supervision of an Industrial Electrician. Apprenticeship completed through the Wisconsin ABC association.

Education:

Electrical Apprenticeship through Moraine Park Technical College

Firefighter A, B, and C at Lakeshore Technical College

Certifications:

NABCEP Associate, Journeyman Electrician- Wisconsin, OSHA 10, OSHA 30,
State Registered Firefighter- Wisconsin.



Dan Steinhardt

1237 Pilgrim Rd.
Plymouth, WI 53073
920-838-4108

Work experience:

Arch Electric Inc., Plymouth, WI

Start Date: Jan. 2017

Role: Commercial and Industrial Business Manager

Duties: Development and Design of Commercial and Industrial Solar PV and Energy Storage Projects.

Orion Engineered Systems of Wisconsin, New Holstein, WI

Start Date: Jan. 2011

- Role: Commercial and Industrial Project Design and Development

- Duties: Design and Development of Commercial and Industrial Energy Management Systems.

Faith Technologies

Start Date: Oct. 2004

- Role: Apprentice, Journeyman, and finally Master Electrician

- Duties: Commercial and Industrial Electrical Installations

Education:

- Annual continuing education credits for Master Electrician, NABCEP, and CEM certifications.
- ABC (Associated Builders and Contractors of Wisconsin) electrical apprenticeship, Sept. 2004 – May 2009
- Electricity Diploma, Moraine Park Technical College, Sept 2003.
- Plymouth School District High School Graduate, June 2002

Certificates:

- WI Master Electrician (State ID 1110547) since 2009
- Certified Energy Manager (24334) since 2016 (Association of Energy Engineers)
- NABCEP Associate (PVA-022020-031849) since April 2020 (North American Board of Certified Energy Practitioners)
- ChargePoint Certified Installer (Electric Car Chargers)

Special interest:

- Vice President, Plymouth School District Board Member
- Family Resource Center of Sheboygan County Board Member
- Fishing



ARCHELE-01

MOLSON

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

1/13/2021

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER TRICOR, Inc. - Plymouth 433 East Mill Street, Ste C Plymouth, WI 53073	CONTACT NAME: McKenzie Olson	
	PHONE (A/C, No, Ext): (608) 567-2254 6460	FAX (A/C, No):
	E-MAIL ADDRESS: molson@tricorinsurance.com	
	INSURER(S) AFFORDING COVERAGE	
	INSURER A : West Bend Mutual Ins Co	
	INSURER B : Nautilus Insurance Company	
INSURED Arch Electric Inc 1237 Pilgrim Rd Plymouth, WI 53073	NAIC # 15350	
	INSURER C :	
	INSURER D :	
	INSURER E :	
	INSURER F :	

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PROJECT ☐ LOC OTHER:			A835161	1/1/2021	1/1/2022	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 UNMANNED AIRCRA \$ 500,000
A	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☐ SCHEDULED AUTOS ☐ HIRED AUTOS ONLY ☐ NON-OWNED AUTOS ONLY			A835161	1/1/2021	1/1/2022	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ 1,000,000 BODILY INJURY (Per accident) \$ 1,000,000 PROPERTY DAMAGE (Per accident) \$ \$
A	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☐ RETENTION \$			A835161	1/1/2021	1/1/2022	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ Aggregate \$ 5,000,000
A	☒ WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) ☐ Y / N If yes, describe under DESCRIPTION OF OPERATIONS below		N / A	A835115	1/1/2021	1/1/2022	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 100,000 E.L. DISEASE - EA EMPLOYEE \$ 100,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
B	Pollution/E&O			CPP2033642	12/9/2020	1/1/2022	Each Occurrence \$ 5,000,000
A	Rented/Leased Equip			A835161	1/1/2021	1/1/2022	Any One Item \$ 150,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Coverage applies only to the extent provided by the policy and subject to all of the policy terms, conditions, exclusions, endorsements and all applicable laws.

CERTIFICATE HOLDER

CANCELLATION

	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE