



Renewable Energy Statement of Qualifications 2023

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Today, Rosendin has over **7,000** employees, with locations nationwide, and revenues averaging **\$2.9 billion.**

Our Mission

Building Quality | Building Value | Building People.®

Our Vision/Purpose

Lead. Inspire. Build.

Our Core Values

WE CARE. We are an organization built on integrity. We create an environment that empowers people to work safely, to be at their best, and to respect one another.

WE LISTEN. Our success is based on hearing and understanding the objectives of our customers. We build relationships.

WE SHARE. We collaborate, we inspire, we challenge one another.

WE INNOVATE. People will remember us for the solutions we provide. Entrepreneurial ideas are encouraged and promoted continuously raising industry standards.

WE EXCEL. The quality of our work will represent us for years to come. We take pride in what we build. It is our legacy.

About Rosendin

Rosendin, headquartered in San Jose, is employee-owned and one of the largest electrical contractors in the United States, employing over 7,000 people, with revenues averaging \$2.9 billion.

Established in 1919, Rosendin remains proud of our more than 100 years of building quality electrical and communications installations and value for our clients but, most importantly, for building people within our company and our communities. Our customers lead some of the most complex construction projects in history, and rely on us for our knowledge, our ability to scale, and our dedication to quality. At Rosendin, we work to ensure that everyone has the opportunity to reach their full potential by building a culture that is diverse, safe, welcoming and inclusive.

Renewable Energy Group

Rosendin's Renewable Energy Group provides a full array of solar photovoltaic, wind energy, and battery storage services across the country.

Community Impact

Renewable Energy produced by Rosendin projects have led to:

4.9 billion kWh

Of energy
generated per year

268,000+

Homes
powered in a
year

2.3 Million Tons

Less carbon dioxide
added to the
atmosphere



The Rosendin Foundation was formed in 2020 as a 501 (c)(3) charitable corporation to act as the charitable arm of Rosendin Holdings. Since its creation, the Foundation has distributed over half a million dollars to the organizations who need it the most in areas surrounding one of Rosendin's many offices. The Rosendin Foundation serves as a catalyst to encourage and expand the philanthropic endeavors of Rosendin employees.



A Partner for Project Success

As a full-service contractor, Rosendin effectively handles projects of any size and complexity.

Preconstruction

Rosendin promotes an effective collaborative process among general contractors, owners, and subcontractors. We have the capabilities to assist before and during the design development phase, as well as with project budgeting in the conceptual stage. We offer value via engineering alternatives and constructibility recommendations.

Building Information Modelling

Over the past decade, Rosendin has built one of the largest and most recognized specialty BIM groups in North America. Over the past 5 years we have delivered billions of dollars in electrical construction, much of which was completed with BIM LOD 100-500. We utilize 2, 3, 4, 5 and 6 D processes, the majority of which are fully integrated into our daily business; whether a Design Build, Design Assist or IPD Project Approach.

Design-Build Engineering

As a single source, Rosendin can initiate design and commence construction activities in tandem, greatly increasing the success of any demanding schedule. We offer proven experience in integrating construction, safety, estimating, engineering and equipment for design, cost

savings, and scheduling input. Our preconstruction efforts also include true peer collaboration and the ability to augment production staff, as needed. By providing engineering with pricing and constructibility under one roof, we are able to save our customers time and money.

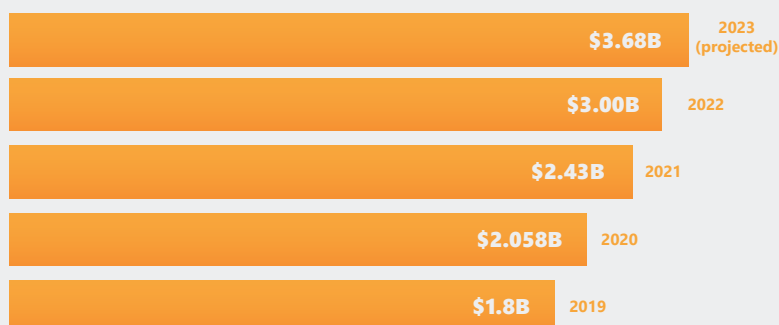
Prefabrication

Prefabrication is a tremendous tool for increasing productivity and can be done in a controlled environment at one of our prefabrication sites. These pre-assembled products allow us to meet owner project schedules, control job site waste, and improve overall project quality.

Service & Maintenance

At Rosendin, we pride ourselves in meeting our customers' every need by providing solid, lasting support. Our teams are located throughout the country and have been established to support our customers through the service and maintenance that their facilities require. We offer the best IBEW-trained, certified electricians at competitive hourly rates, with extensive experience in all types of facilities and in all scopes of work.

YEAR OVER YEAR REVENUE 2018-PRESENT



Quick Stats

64%

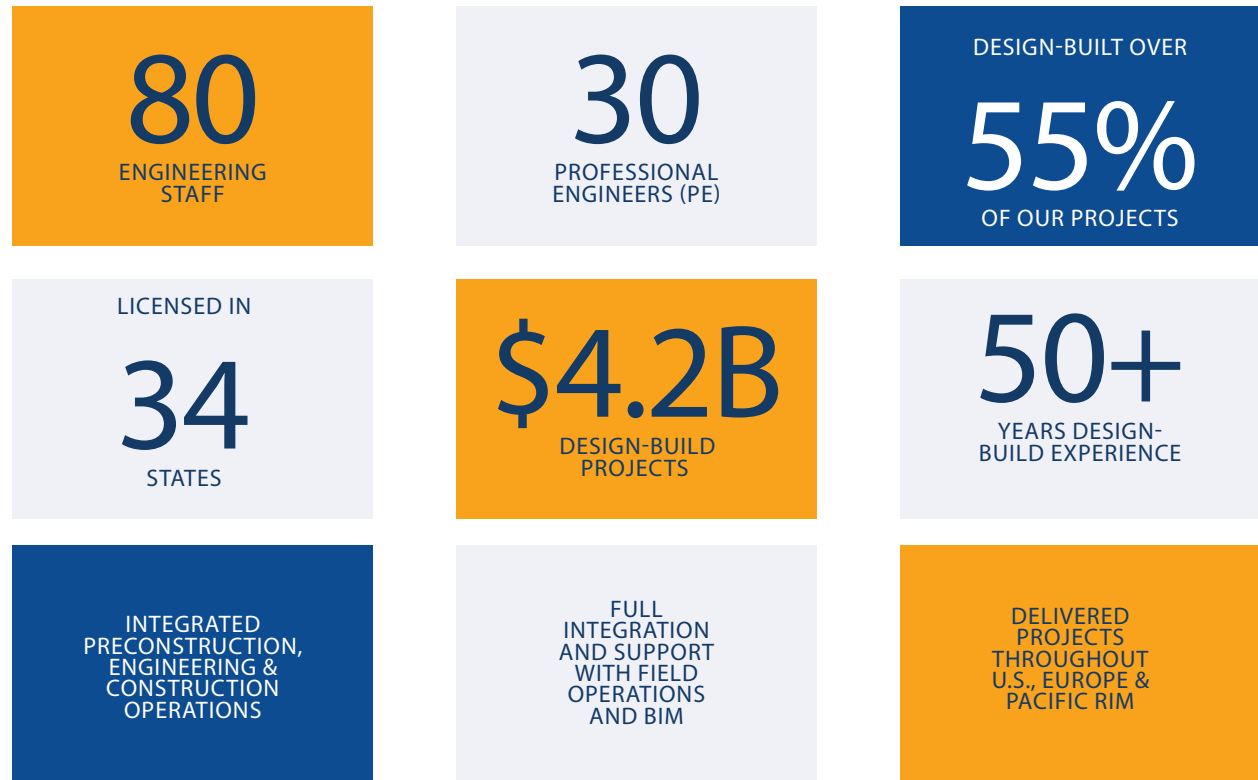
EMR

180+

FULL-TIME BIM
PERSONNEL

Design-Build In-House Engineering

Quick Stats



Expertise

Extensive, complex project expertise in high-risk/higher value projects throughout North America

Cost Analysis

Complete cost analysis and benchmarking for every completed and underway project

BIM

Proven BIM and 3D-modeling systems that increase installation speed and labor productivity

Engineering

Industry-leading engineering and project support

Leadership

Active leadership and authoring in a majority of industry electrical standards

Experience

Substantial experience with change management processes and live environment work

Photovoltaic Systems

Utility Scale

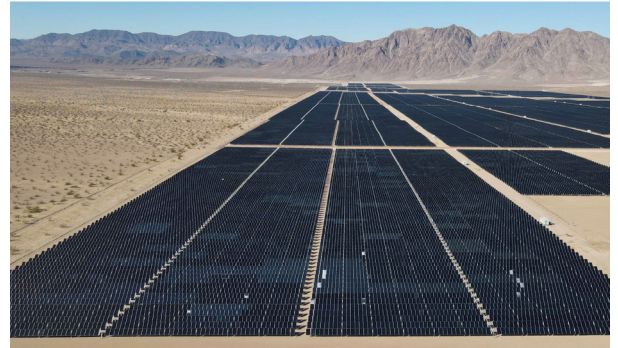
Distributed Generation

Single Axis Tracker

Fixed Tilt Ground Mount

Rooftop

Carport



Battery Storage

PV+BESS Integration

Standalone Installation



Wind Farms

Collection Systems

Substations

Transmission Lines

High Voltage



Solar Power



Rosendin's experience and unique capabilities allow us to take on challenging solar PV projects in a variety of different locations and environments ranging from commercial facilities, hospitals, schools, universities, and government facilities to utility grade solar farms. Project sizes range from 500 KW to more than 720 MW systems utilizing the best applicable Crystalline Silicon or Thinfilm photovoltaic technology in any mix of rooftop, canopy, ground mount, fixed-tilt or single axis tracker.

Rosendin has established itself as a leading EPC builder of mid to large-scale solar photovoltaic systems throughout the United States. With over 5 GW of solar project installation experience to date, more than 2 GW currently under construction, and over 6 GW in various stages of development, Rosendin brings turnkey expertise and EPC capabilities to develop the most efficient and cost-effective solar solutions to our customers.

While our construction services are best in class, Rosendin excels at working with developer and finance partners to achieve project funding. Our team intimately understands the two key gatekeepers for this critical aspect of a successful project:

- Clearing the financial EPC hurdle rate while maximizing System Yields: What is determining the best System Yield to EPC cost ratio required for equity investors in the project to meet their return requirements?
- Presenting a 'bankable' EPC risk

solution for all financial stakeholders: Providing a no-risk option with in-house EPC capabilities, experience, quality control and a strong balance sheet with empirical evidence that we will honor and provide O&M services and warranty requirements.

Rosendin's Renewable Energy Group provides a full array of solar photovoltaic (PV) services, including:

Engineering	Operations & Maintenance
Procurement	Project Feasibility Analysis
Construction	Energy Performance Analysis
Commissioning	

Quick Stats

5+

GW INSTALLED

2+

GW UNDER
CONSTRUCTION

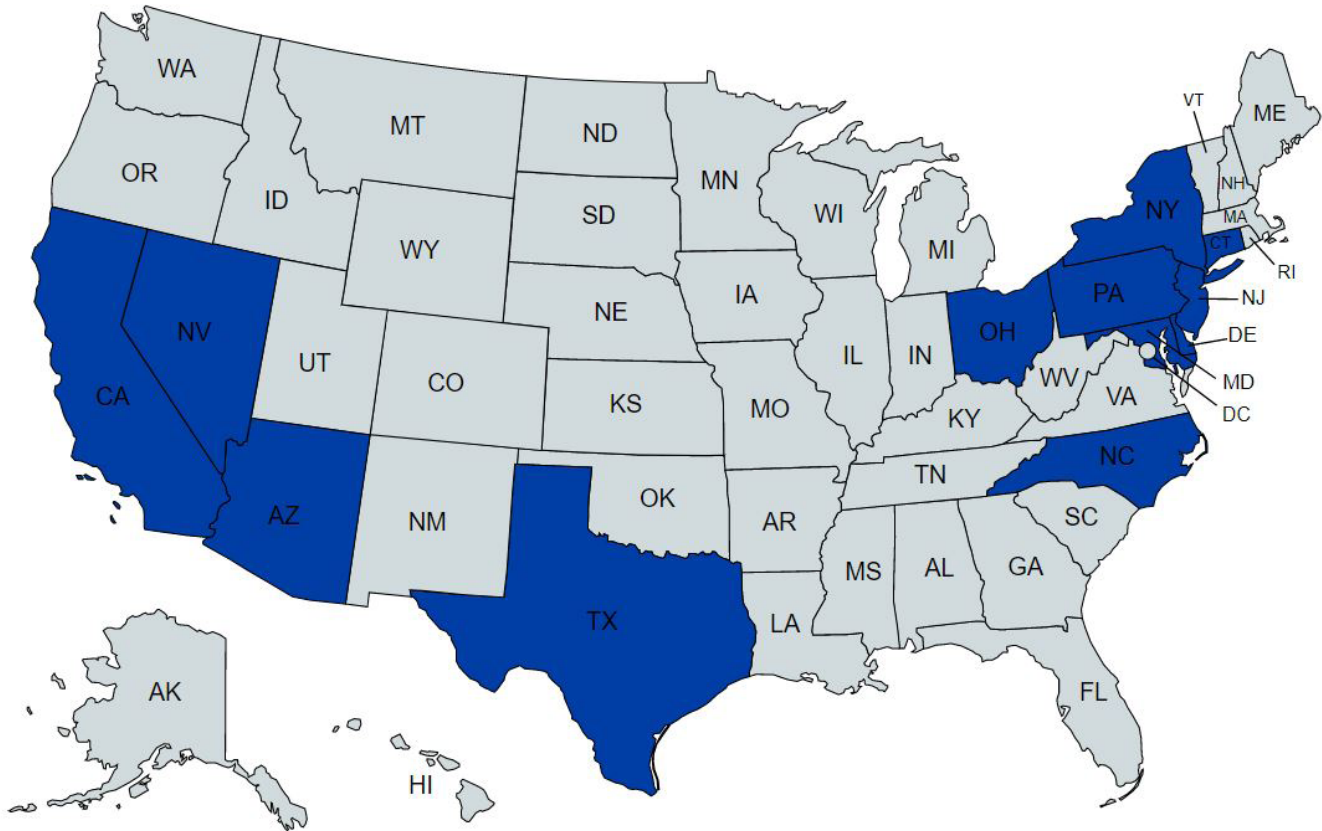
11+

GW IN DEVELOPMENT



Solar Power

Select Project Experience List



State	Utility Scale		Distributed Generation	
	Total MW	Total Projects	Total MW	Total Projects
Arizona	340MW	1	10MW	2
California	2,524.02MW	45	137.81MW	53
Connecticut	20MW	1	-	-
Delaware	-	-	1.48MW	1
Maryland	28.40MW	5		
North Carolina	52MW	2	-	-
New Jersey	4MW	1	3.10MW	1
Nevada	652MW	4	-	-
New York	31.52MW	2	-	-
Ohio	10MW	3	-	-
Pennsylvania	119.20MW	5	-	-
Texas	630MW	1	-	-
Puerto Rico	77MW	2	18MW	16
Guam	40MW	1	-	-

Largest Project Installed to Date is 630MW and largest project under Construction is 720MW

Solar Power

Project Experience Highlights



Aktina

The Aktina Renewable Power Project calls for the installation of 1.4 million solar modules across 4,000 acres in Wharton County. The 500MWac/631MWdc solar installation will provide the capacity to generate 500MWac/631MWdc of renewable energy, enough to power 100,000 homes annually.



Athos I & II

The combined 641MWdc/450MWac Athos I and Athos II solar installations provide the capacity to generate over 2,200 GWh per year of renewable energy, enough to power 179,000 homes and offset 1.7M tons of carbon dioxide emissions annually. Athos I will have the capacity to generate up to 357MW (DC).

Townsite

Arevon, North America's leading renewable energy company, developed this 232 MW DC/193.95 MC AC solar PV plant with Rosendin Renewable Energy Group. Townsite will generate more than 500,000 MWh per year of renewable energy, enough to power 60,000 homes annually, avoiding 400,000 tons of carbon dioxide emissions annually.



Solar Star 1

Solar Star is a 425 MW Single Axis Tracker System. This project was a joint venture between IBEW Local 11, 47 and 428 due to the project being on the border of LA & Kern County.

Solar Power

Project Experience Highlights



Saddleback Valley USD

This project consisted of 4.68 MW DC Canopy Structures at (4) School Sites and (2) District Sites. Rosendin Electric was the General Contractor for this project. Each High School required phasing and delivery coordination in an effort to minimally effect the students and staff. This project was awarded the 2016 NECA Award for Electrical Excellence Program.

Solverde and DSR 1 Solar

With a combined total of 168 MW DC single-axis trackers, these solar projects were built across 1,200 acres of land with 532,798 solar modules, 85,000 steel piers, and (68) 2 MW inverters.



Western Antelope Blue Sky Ranch "A" Solar

The Western Antelope Blue Sky Ranch "A" project consists of a 20 MW AC single-axis tracker system using Chinese technology, AC/DC collection and a 66 kV Substation.

Chaffey JUHSD Solar

This project consists of 7.6 MW DC solar canopy structures over 8 school sites. By incorporating EPC methodology, Rosendin was able to work with the design to save significant time and money.



Solar Power

Project Experience Highlights



North Palm Springs 1A

North Palm is comprised of 2 MW of single-axis tracking solar arrays, utilizing Youil's tracking system with 12,320 Solar Power 230 W multi-crystalline modules and five SMA 500 KW inverters feeding into the grid at 12 KV in Desert Hot Springs, CA.

Palmdale USD

Palmdale USD was a 5.6 MW solar installation utilizing both ground mount and carport canopy application technology. The project incorporated (25,586) 230 W monocrystalline panels, and (498) 10 KW inverters at 10 school locations in Palmdale, CA.



Rosamond Phase 1 & 2

Rosamond Phases 1 & 2 were the first projects constructed for SunPower with their Oasis 2.0 condensed tracker system. The overall layout of the project was designed to fit more MW's into the allotted amount of space for the project. Each project was 54 MW Solar Collection System.

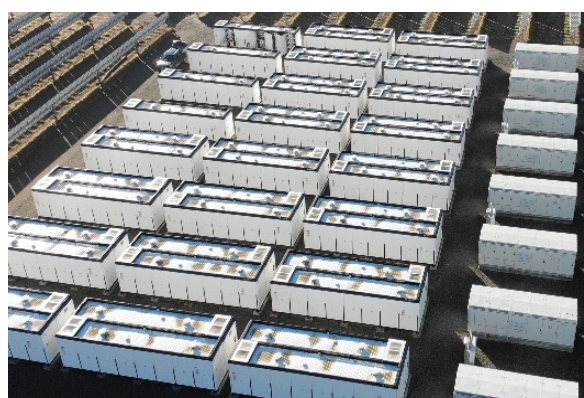


Battery Storage

Energy Storage Systems will play a critical role in assuring sustainable growth for the renewable energy industry over the next 10 years. Given the de-stabilizing impact cumulative solar and wind projects have had on regional transmission and grid networks, ESS provide the power ramping support, frequency regulation, curtailment de-risk, and back-up power necessary to mitigate continued renewable energy grid integration challenges. Rosendin has been installing Battery Energy Storage Systems for many clients across multiple different market applications for decades. Given our leadership position in the renewable energy industry, the company is now leveraging its long standing BESS experience and expertise to provide best in class BESS integration services in conjunction with its Solar and Wind Utility scale offerings. Rosendin's energy storage solutions are tailored to meet the requirements of the customer while maintaining the quality and safety Rosendin has been known for since 1919.

BESS Solution Provided:

Peak Shaving	Voltage Correction
Demand Response	Reliability & Grid Stability
Frequency Regulation	Volt/Var Support
Frequency Control	Power Quality
Renewable Integration	Microgrid Support



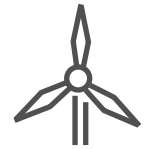
1.3+ GWH
COMPLETED TO DATE

2+ GWH
UNDER CONTRACT/CONSTRUCTION

Select Project Experience List

Project Name	Size	Battery	Location	Status
Confidential Client	200MW/ 800MWh	Tesla Megapack	Riverside County, CA	Under Contract
Confidential Client	125MW/250MWh	Tesla Megapack	Hill County, TX	Under Construction
Gaskell	20MW/80MWh	BYD	Kern County, CA	Under Construction
Rosamond Central BESS	147MWac/584MWh	Wartsila	Kern County, CA	Under Construction
Danish Fields BESS	150MW/225MWh	SAFT	Wharton County, TX	Under Construction
Condor BESS	200MW/800MWh	Tesla Megapack	Riverside County, CA	Under Construction
Scarlett	272.54 MWdc PV & 40MW/160MWh BESS	LG Chem	Frenso County, CA	Under Construction
Mustang BESS	75MW / 300MWh	BYD	Kings County, CA	Complete
Madero BESS	200MW/400MWh	Wartsila GridSolv Quantum	Hidalgo County, TX	Complete
Tranquility BESS	72MW / 288MWh	Powin Stack 230E	Fresno County, CA	Complete
Garland BESS	88MW / 352MWh	Powin Stack 230E	Kern County, CA	Complete
Wildcat BESS	3MW / 7MWh	Powin Stack 225	Riverside County, CA	Complete
Acorn BESS	2MW / 4MWh	Powin Stack 225	Ventura County, CA	Complete
AES Punkin Center	2MW / 5MWh	LG	Gila County, AZ	Complete
Putnam Puerto Del Rey Marina	830kWh	SAFT	Ceiba, PR	Complete

Wind Energy



Rosendin recognizes that renewable energy is an integral part of the future of power generation. Over the last decade we've installed the capacity to harness more than 32 GW of clean, renewable energy. This includes a portfolio of more than 140 wind energy projects throughout the United States and Canada, ranging in size from 1 MW to more than 800 MW.

Rosendin is committed to "Building Green" and is an industry leader in constructing electrical systems for wind projects throughout the United States. Our experienced management staff, field supervision, and craftsmen, as well as our commitment to safety, quality, and on-time performance, provide plant owners an unparalleled source for electrical construction services.

With over 27 GW of wind project experience and 136+ substations installed to date, Rosendin brings turnkey expertise and EPC capabilities to develop the most efficient and cost-effective wind solutions for our customers.

Rosendin offers Turn-Key Services including:

Design-Build Construction	Underground Collection Systems
Turbine Wiring	Fiber Optic SCADA Networks
Substations & Switchyards	Substation SCADA Design & Communications Integration
Vertical Tower Wiring	System Power Factor Correction, Upgrades & Modifications
Overhead Collection System & Transmission Line Construction	



Quick Stats

27+

GW INSTALLED

136

SUBSTATIONS

175

MILES OF OVERHEAD
TRANSMISSION LINE

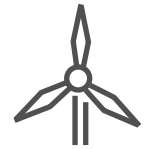
22M

CIRCUIT FEET



Wind Energy

Project Experience Highlights



450 MW Wind Farm

A design-build project consisting of 217 wind turbines, an underground collection system, tower wiring, and a SCADA system in Oregon.



400 MW Wind Farm

A design-build collection system, vertical tower wiring for 190 wind turbines, two 300 MVA substations with ring bus, and 5 miles of overhead 230 KV transmission line in California.

640 MW Wind Farm

This wind farm includes three substations and more than 1 million trench feet installed in Texas.

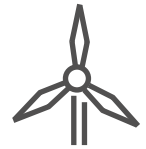


525 MW Wind Farm

This project included three phases. The scope of work included collection systems for (130) 2.3 MW WTG's, (151) 1.5 MW WTG's and (4) four substations. All construction was completed inside a 14 month window. Total circuit feet equaled nearly 800K circuit feet in Texas.

Wind Energy

Project Experience Highlights



194 MW Collection System

This project was a 194 MW Collection System including (97) 2.0 MW WTG's. The scope of work included all procurement activity for collection materials in Texas.



Goodnoe Hills

This Wind Project Consisted of 48 2MW Turbines, a Collection System, Substation and Turbine Wiring

North, South & Central

North - 265 MW 106 WTG
South - 300 MW 120 WTG
Central - 193 MW 77 WTG
Three Phases across Oregon.



Phase I & II

Phase I - 200 MW Substation & Collection System
Phase II - (130) 2.3 MW Turbines with (2) Substations



"It is a great achievement to be consistently recognized as one of the top ranked EPC's in the country. Our success can be accredited to our talented team of individuals and working with clients that understand the expertise and value that Rosendin brings to their projects."

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