

2024 Statement of Qualifications

Renewable Energy Engineering Services

Leading the solar industry with
over **18GW** of engineered plants



Elara Solar
Pearsall, Texas
130MWAC

Company Overview



Blymyer Engineers has delivered multidisciplinary engineering services to industrial and commercial clients worldwide since 1961.

A 60-year track record of success.

We have been active in commercial and utility-scale solar power projects since 2003, including utility, agricultural, educational, municipal, and commercial applications.

We completed our first commercial PV project in 2004. Since then, we have designed well over 17GW of ground-mounted fixed and single-axis tracker systems as well as canopy-mounted and roof-mounted systems for utility, agricultural, educational, municipal, and commercial applications. We offer the following:



Specialized knowledge

In-house engineers licensed in over 43 states and a contracting affiliate with A, B, and C-10 licenses. Unparalleled experience with California Division of the State Architect. Multiple designs with precheck approval.



Understanding PV economics, including up-front and long-term costs

We'll find the balance that is right for your project. We can identify alternatives that save time and money.



Optimized system performance

Best practices for site evaluations, production modeling, layout, balance-of-system engineering, racking, tracking, foundations, conduit and wire management, and performance monitoring to maximize your production.



Excellent relationships

Strong relations with vendors, utility representatives, permitting authorities, developers, EPC contractors, and integrators facilitate the smooth completion of your project.

Choose Blymyer Engineers for end-to-end renewable engineering services



Solar



EV charging



Energy storage



Wind



Substations

Renewable Energy Engineering Services

On projects ranging in scope from a simple site inspection or structural review to design of an entirely new facility, we offer assistance at each stage: preliminary site selection and feasibility analysis, conceptual design, detailed design, permitting, construction, and start-up. Our services include:



Solar power engineering



Electrical engineering



Structural engineering



Mechanical engineering



Total project management



Project planning and scheduling



Cost estimating



Constructibility review



Value engineering



Construction management



Preliminary site selection



Feasibility study



Energy modeling



Production analysis



Regulatory review



Permitting



Contractor prequalification



Bidding and bid analysis



Contract administration

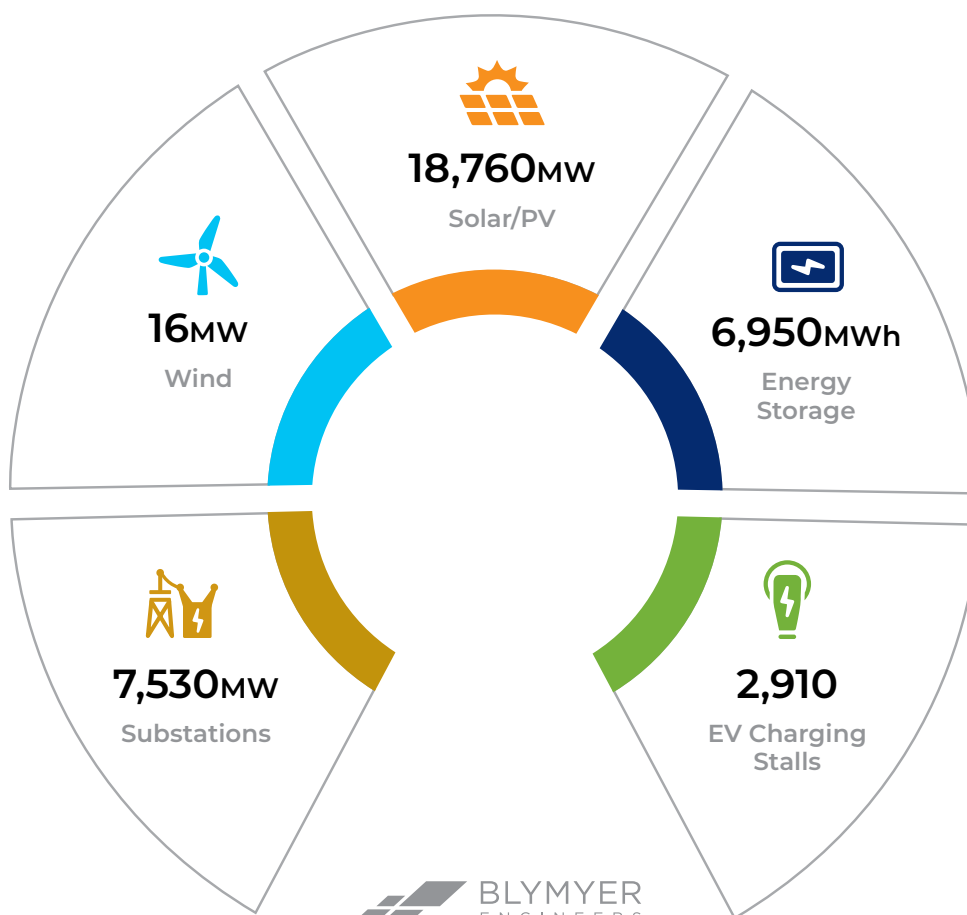


Equipment procurement

Largest solar portfolio in the United States



Leading the solar industry with over **18GW** of engineered plants



Renewable Energy Engineering

Updated JULY 2024

Engineering leader for renewable projects worldwide

Blymyer Engineers completed its first solar project in 2003. Outpacing the industry, we've engineered more than 18GW since then. That represents a significant part of the United States total solar capacity. Clients choose the Blymyer team for our experience.



Working around the clock for you,
Blymyer Engineers is licensed in 43 states.

Electrical | Mechanical | Structural | Civil | Environmental

Our European office includes skilled engineers who support all of our U.S. and international projects so we can deliver exceptional service around the clock.

Representative Partners and Clients



SUNPOWER®

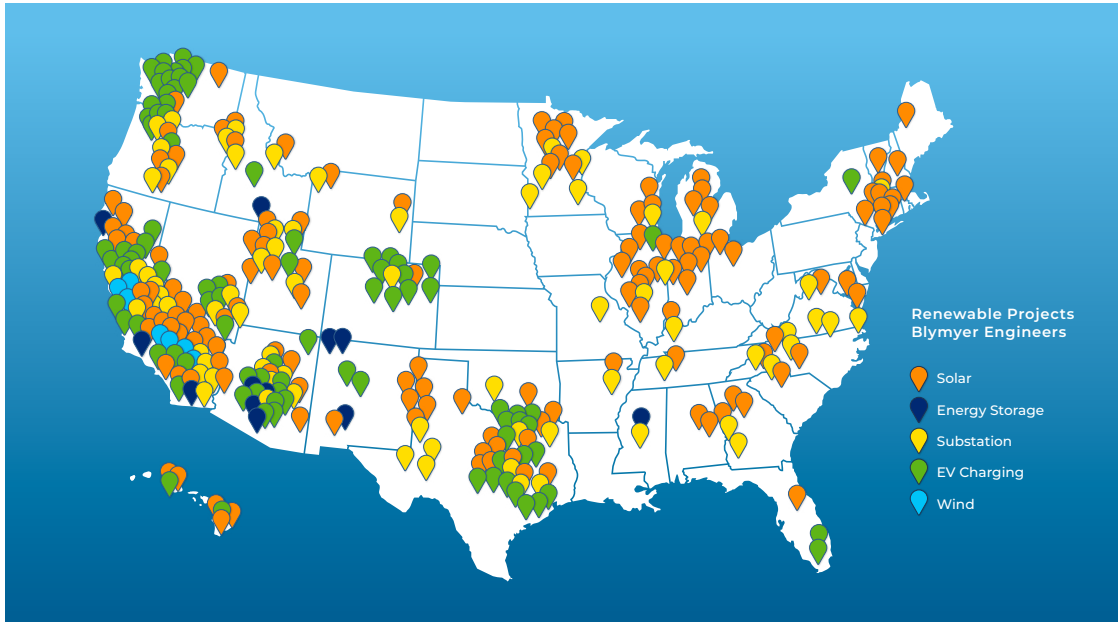


Blymyer Engineers is actively involved with these leading industry associations



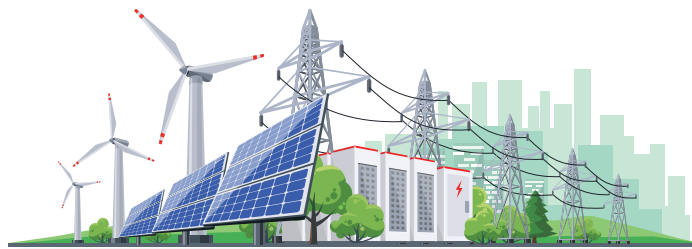
Exceptional service around the clock

Blymyer Engineers is an innovative leader in engineering design for renewable energy projects across the country and around the world.



Our staff—your project partners

Dedicated and passionate about our work, Blymyer's engineers provide clients with exceptional quality service and results. Our engineers are licensed in 43 states. Longstanding relationships with architects, developers, commercial and industrial clients, and renewable energy companies across the United States allow us to maximize efficiency and ensure reliable outcomes.



 **18GW** of Engineered Solar Plants
Largest Solar Portfolio in the United States

Renewable Energy Engineering—Services

Solar



Excellence in Solar Engineering —
On the forefront of solar technology
with hundreds of projects in
43 states and 5 countries.



Wind



Providing a full range of engineering
services from feasibility studies to
complete design and permitting.



Energy Storage



Powering the future with Battery Energy Storage Systems
(BESS) and amplifying the benefits of renewable energy
generation.



Substation



Blymyer Engineers delivers a full range of substation
design and engineering services for standalone or
microgrid substations.



EV Charging



Delivering end-to-end EV Charging
design and engineering with an
experienced team.



Engineering a more Sustainable World

Choose Blymyer Engineers for end-to-end renewable engineering services

Blymyer Engineers brings solar, storage, substation, EV charging, and wind projects from analysis and feasibility studies through engineering design and construction.

Our multidisciplinary firm includes electrical, mechanical, structural, environmental, and civil engineers versed in all aspects of renewable energy engineering.

Meticulous attention to detail and unparalleled customer service offer clients peace of mind and confidence in successful outcomes. Staying in the forefront of a rapidly growing and changing industry, Blymyer is creating a more sustainable world with technologically advanced solutions.



Utility-Scale Solar—Services



BLYMYER ENGINEERS' SERVICES INCLUDE:

- Feasibility studies
- Energy analysis/modeling
- Conceptual design
- Design development
- Cost estimates
- Construction documentation
- Project management
- Construction management
- Commissioning

THE VALUE OF VISION AND EXPERIENCE:

- Specialized knowledge
- Understanding of energy economics, including up-front and long-term costs
- Optimized design and highest-quality installation

Utility-Scale Solar (SAMPLE PROJECTS)



Taygete 1 & 2 | Pecos County, Texas | 500MW



Muscle Shoals | Colbert County, Alabama | 227MW



Prospero 1 & 2 | Andrews, Texas | 550MW



Red Hills Solar Power Plant | Parowan, Utah, 80MW



Elara Solar | Pearsall, Texas | 130MW



Hunter | Utah | 100MW

Utility-Scale Solar (SAMPLE PROJECTS)



Oberon 1 & 2 | California | 500 MW



**Springbok I and II Solar Plants |
Kern County, CA | 258MW**



**SMUD: McKenzie, Kammerer, Bruceville,
and Dillard | 69MW**



Eland, California City, CA | 200MW



**RE Barren Ridge | Kern County, CA |
60MW**



Red Horse Solar | 55MW

Utility-Scale Solar (PARTIAL LIST)

Ash Creek	Texas	408MW	Electrical and Structural Engineering, Substation Design	2023
Harquahala	Arizona	450MW	Electrical and Structural Engineering	2023
Franklin	Idaho	100MW — PV 240MWh — BESS	Electrical and Structural Engineering, Storage Design	2023
Kiowa	Oklahoma	100MW	Electrical and Structural Engineering, Substation Design	2023
Eldorado	Illinois	159MW	Electrical and Structural Engineering, Substation Design	2023
San Juan	New Mexico	200MW – PV 400MWh – BESS	Electrical and Structural Engineering, Substation Design	2023
Eiffel	Texas	240MW	Electrical and Structural Engineering	2023
Big Plain	Ohio	196MW	Electrical and Structural Engineering	2023
Oberon 1 & 2	California	500MW — PV 1000MWh — BESS	Electrical and Structural Engineering, Substation and Storage Design	2022
Solar Blue	California	250MW — PV 900MWh — BESS	Electrical and Structural Engineering, Substation and Storage Design	2022
Arica	California	263MW — PV 544MWh — BESS	Electrical and Structural Engineering, Substation and Storage Design	2022
Victory Pass	California	200MW — PV 200MWh — BESS	Electrical and Structural Engineering, Substation and Storage Design	2022
Jackpot	Idaho	120MW	Electrical and Structural Engineering	2022
Brazoria	Texas	200MW	Electrical Engineering, Structural Engineering, Substation Design	2022
Atlanta Farms	Texas	200MW	Electrical and Structural Engineering, Substation Design	2022
Steel	Utah	80MW	Electrical and Structural Engineering, Substation Design	2022
Highland	Ohio	300MW	Electrical and Structural Engineering	2022
Bartonsville	Virginia	96MW	Electrical and Structural Engineering, Substation Design	2021
Riverfork	Mississippi	149MW	Electrical and Structural Engineering	2021
Eland	California	200MW	Electrical and Structural Engineering	2021
Elektron	Utah	80MW	Electrical and Structural Engineering, Substation Design	2021
Sandy Branch	Texas	230MW	Electrical and Structural Engineering, Substation Design	2021
Rocket	Utah	80MW	Electrical and Structural Engineering, Substation Design	2021
Brazoria West	Texas	200MW	Electrical and Structural Engineering, Substation Design	2021
Big River	Illinois	80MW	Electrical and Structural Engineering	2021
Middle River	California	100MW	Electrical and Structural Engineering	2021
Aquamarine	California	250MW	Electrical and Structural Engineering, Substation Design	2021
Drew	California	100MW	Electrical and Structural Engineering, Substation Design	2021
Prospero 1 & 2	Texas	550MW on 2 sites	Electrical and Structural Engineering, Substation Design	2021
Muscle Shoals	Alabama	227MW	Electrical and Structural Engineering, Substation Design	2021

Utility-Scale Solar (PARTIAL LIST)

Elara	Texas	130MW	Electrical and Structural Engineering, Substation Design	2021
Impact	Texas	200MW	Electrical and Structural Engineering, Substation Design	2020
Taygete 1 & 2	Texas	500MW on 2 sites	Electrical and Structural Engineering, Substation Design	2020
Pioneer	Colorado	80MW	Electrical and Structural Engineering, Substation Design	2020
Hunter	Utah	100MW	Electrical and Structural Engineering, Substation Design	2020
Prairie Wolf	Illinois	200MW	Electrical and Structural Engineering, Substation Design	2020
Cove Mountain	Utah	180MW	Electrical and Structural Engineering	2020
Wright	California	200MW	Electrical and Structural Engineering	2019
Sweetwater	Wyoming	80MW	Electrical and Structural Engineering	2019
BonnieMine	Florida	37.5MW	Electrical and Structural Engineering, Substation Design	2019
Mount Signal 2	California	153MW	Electrical and Structural Engineering	2019
Bay Wa Solar	North Carolina	46MW on 4 sites	Electrical and Structural Engineering	2017
Grey Hawk Solar	Arizona	48MW	Electrical and Structural Engineering, Substation Design	2017
AL Solar A Project	Alabama	72MW	Electrical and Structural Engineering, Substation Design	2017
Buckthorn Solar	Texas	150MW	Electrical and Structural Engineering	2018
Clenera Grand View Solar	Grand View, ID	80MW	Electrical and Structural Engineering	2017
Coronal-GCSCI Eglin Solar, Holley Solar, Saufley Solar	Gulf, FL	123.75MW	Electrical and Structural Engineering	2017
Clenera – Grove Solar, Hyline Solar, Open Range Solar, Railroad Solar, Thunderegg Solar, Vale Solar	Vale, Ontario, Nyssa, OR	49.5MW on 6 sites	Electrical and Structural Engineering	2016
North Star	Chisago County, MN	100MW	Electrical and Structural Engineering	2016
AREP	Cattnall, GA	80MW	Electrical and Structural Engineering	2016
Three Peaks	Three Peaks, UT	80MW	Electrical and Structural Engineering	2016
Clenera – Five Points Solar	Stanislaus County, CA	60MW	Electrical and Structural Engineering, Substation design	2016
DE Shaw – Springbok II Solar	Cantil, CA	150MW	Electrical and Structural Engineering	2016
Springbok 1 Solar	Kern County, CA	107.1MW	Electrical and Structural Engineering	2016
Barren Ridge Solar	Mojave, CA	60MW	Electrical and Structural Engineering	2015
Escalante Solar 4 sites	Utah	80MW on 4 sites	Electrical and Structural Engineering	2015
Red Hill Solar	Parowan, UT	80MW	Electrical and Structural Engineering	2015
Red Horse	Red Horse, AZ	55MW	Electrical and Structural Engineering	2016
K-Road Moapa	Moapa, NV	250MW	Electrical and Structural Engineering	2014
Rosamond 2	Lancaster, CA	20MW	Electrical and Structural Engineering	2013
Kansas South Solar	Sacramento, CA	20MW	Electrical and Structural Engineering	2012

UPDATED: August 8, 2023

Distributed-Generation Solar—Services



BLYMYER ENGINEERS' SERVICES INCLUDE:

- Initial feasibility studies
- Energy modeling and analysis
- Conceptual design
- Design development
- Detailed cost estimates
- Construction documentation
- Permitting
- Project management
- Construction management
- Design/build
- Commissioning

Distributed-Generation Solar (SAMPLE PROJECTS)



State Fund | 8 Sites | 10.6MW



**Qatar Science & Technology Park |
Doha, Qatar| 700kW**



**Walmart | 7 locations | Central California |
2.8MW**



**SMUD | McKenzie, Kammerer,
Bruceville, and Dillard | 69MW**



**U.S. Veterans Administration Hospital |
FL and CA | 5.7MW**



**U.S. Marine Corps Base Housing |
Camp Lejeune, NC | 5.4MW**

Distributed-Generation Solar (SAMPLE PROJECTS)



County of Shasta, CA | 16 Sites | 2.5MW



UC Davis West Village | Davis, CA | 340kW



City of Brea, CA | 2MW



**Energy Conservation Measures |
City of San Jose, CA**



**Hawaii Department of Education |
4,500kW Total**



**California Institute of Technology |
Pasadena, CA | 1.4MW**

Distributed-Generation Solar (PARTIAL LIST)

Workday 2 sites	Pleasanton, CA	1.06MW	Canopy/Roof	Electrical Engineering	2023
Adventist Health	Willits, CA	885kW	Canopy	Electrical Engineering	2023
Adventist Health	Tehachapi, CA	1.51MW	Canopy/Ground	Electrical Engineering	2023
Galesburg	Galesburg, IL	975kW	Single Axis Tracker	Electrical Engineering	2022
Cahokia Camp Jackson	Cahokia, IL	1,918kW	Single Axis Tracker	Electrical Engineering	2022
Cahokia Bond	Centreville, IL	1,591kW	Single Axis Tracker	Electrical Engineering	2022
KROC Center	San Diego, CA	647kW	Canopy Mount	Electrical Engineering	2022
City of Menlo Park	Menlo Park, CA	585kW	Canopy Mount	Electrical Engineering	2022
City of Milpitas 2 sites	Milpitas, CA	219kW	Canopy Mount	Electrical Engineering	2021
American Canyon 3 sites	California	939.6kW	Roof Mount Canopy Mount	Electrical Engineering	2021
City of Hercules 3 sites	Hercules, CA	383kW	Canopy Mount	Electrical Engineering	2020
County of Shasta 16 sites	California	2.5MW	Canopy Mount	Electrical Engineering	2020
San Francisco, West Mosconi	California	1MW	Roof Mount	Electrical Engineering	2020
State Fund 8 sites	California	10.6MW	Canopy Mount	Electrical Engineering	2020
Placer County 7 sites	California	3.9MW	Canopy Mount	Electrical Engineering	2020
Adventist Health 10 sites	California	11MW	Canopy Mount	Electrical Engineering	2019
Artemis	Massachusetts	2,190kW	Roof Mount	Electrical Engineering	2018
New Brunswick 7 sites	Greenstreet, NY	1,800kW	Roof Mount Canopy Mount	Electrical Engineering	2018
Contra Costa	California	448kW	Canopy Mount	Electrical Engineering	2018
Monterey Airport	Monterey, CA	862kW	Single-Axis Tracking	Electrical Engineering	2017
Contra Costa County Fire Protection District 4 sites	Contra Costa County, CA	752kW	Ground, Canopy, & Roof Mount	Electrical Engineering	2017
Broadway Plaza	Walnut Creek, CA	1,000kW	Roof Mount Canopy Mount	Electrical Engineering, Project Management, Construction Support	2016
Yuba City 2 sites	Yuba City, CA	662kW	Ground Mount Canopy Mount	Electrical and Structural Engineering, Construction Support	2016
MGM Arena	Las Vegas, NV	980kW	Roof Mount	Civil, Structural, and Electrical Engineering	2016
City of Geneseo	Geneseo, IL	1,000kW		Electrical and Structural Engineering	2016
City of Salinas 6 sites, 8 systems	Salinas, CA	3,700kW	Canopy Mount Ground Mount	Electrical Engineering and Project Management	2015
RNI1	Waianae, HI	500kW		Interconnection Study, Inverter Specification, Single- and 3-Line diagrams, HECO approval	2015
Madera County Government Center Parking Garage	Madera, CA	250kW	Canopy Mount	Electrical, Structural, Architectural, and Civil Engineering	2015

Distributed-Generation Solar (PARTIAL LIST)

Hawaiian Garden Apartments	Hawaiian Gardens, CA	563kW	Canopy Mount	Electrical Engineering	2015
Crystal View Apartments	Garden Grove, CA	1,086kW	Roof Mount	Electrical Engineering	2015
Country Hills Apartments	Corona, CA	743kW	Canopy Mount	Electrical Engineering	2015
City of San Jose 14 sites	San Jose, CA	N/A	Various	Engineering for Solar PV, Solar Thermal Systems, Micro Co-Generation, HVAC, Data Efficiency, and Water Conservation Projects	2015
Hawaii Dept. of Education 40 campuses	Oahu, HI	3,000kW	Canopy Mount Roof Mount	Complete Design Engineering Package	2015
City of Waterford 3 sites	Waterford, CA	297.95kW	Ground, Canopy & Roof Mount	Complete Engineering Package, Construction Administration Services	2014
Honolulu RAC PV	Honolulu, HI	2,000kW	Canopy Mount	Specifications, Peer Review	2013
UC Davis West Village Phase 3	Davis, CA	740kW	Canopy Mount Roof Mount	Electrical Engineering, Structural Engineering	2013
Qatar Science & Technology Park	Doha, Qatar	700kW	Canopy Mount	Electrical Engineering, Design Specification, Structural Engineering	2013
Walmart 7 stores	Central California	2,800kW	Roof Mount	System Design, Structural Engineering, Electrical Engineering	2013
Kings County Central Plant Parking Lot and Hanford Library	Hanford, CA	900kW	Canopy Mount	Canopy Design, Structural Engineering, Electrical Engineering, DSA Approval, Permitting, Construction Phase Services	2012
Santa Rita Jail Smart Grid Energy	Dublin, CA	1,000kW	Battery System	Structural Analysis, Electrical Peer Review	2012
U.S. Veteran's Administration Hospital	Tampa, FL	1,900kW	Canopy Mount	Canopy Design, Structural Engineering	2012
U.S. Veteran's Administration Hospital	Martinez, CA	1,900kW	Canopy Mount	Canopy Design, Structural Engineering	2012
U.S. Marine Corps Base Housing	Camp Lejeune, NC	5,400kW	Canopy Mount	Canopy Design, Structural Engineering	2011
Commercial PV	Mammoth Lakes, CA	987kW	Ground Mount Tracking	Electrical Engineering	2011
City of Brea 3 buildings	Brea, CA	2,000kW	Roof Mount Canopy Mount	Conceptual Engineering, Geotech, Layout, Equipment Specifications, Canopy Design, Electrical Engineering, Structural Engineering	2011
U.S. Border Patrol Station	Calexico, CA	266kW	Ground Mount Single-Axis Tracking	Electrical Engineering, Permitting	2010
California Institute of Technology	Pasadena, CA	1,400kW	Roof Mount	Structural Engineering, Construction Phase Support, Permitting	2010
Humane Society of Silicon Valley	Milpitas, CA	390kW	Ground Mount	Engineering Design, Including Electrical, Structural and Lighting	2010
Commercial PV Array, Lockheed Martin Space Systems	Sunnyvale, CA	800kW	Roof Mount	AC Electrical Installation, Main Panel Upgrade, Data Acquisition System Installation	2008
Agricultural PV Array, Farm ACW	Fallbrook, CA	2,000kW	Ground Mount	Design Consulting, Installation and Commissioning	2006
Idyllwild Water District	Idyllwild, CA	43kW	Ground Mount	Design Consulting, Installation and Commissioning	2005
Agricultural PV Array, Seley Citrus Ranch	Borrego Springs, CA	267 kW	Ground Mount	Design/Build	2004

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DSA Solar—Services



Merritt College, Oakland, California, 1.2 MW

BLYMYER ENGINEERS' SERVICES INCLUDE:

- Initial feasibility studies
- Energy modeling and analysis
- Conceptual design
- Design development
- Detailed cost estimates
- Construction documentation
- Permitting
- DSA approvals
- Project management
- Construction management
- Design/build
- Commissioning

MULTIDISCIPLINARY ENGINEERING SERVICES

Blymyer Engineers has designed over 60 MW of solar projects for California schools. Since 2008, Blymyer has installed prechecked canopies at over 300 school sites in California. Our 5th-generation, prechecked canopy design meets all current DSA requirements and offers you the following advantages:

- Rapid permitting
- Lower costs
- Design for all soil, seismic, and wind conditions
- Prechecks include options for T and L structure designs
- Flexibility to accommodate any available modules

DSA Solar (SAMPLE PROJECTS)



Pinole Valley High School | 418kW



**Lancaster Unified School District |
23 schools, CA | 5.5MW**



**San Jose Unified School District |
13 schools, CA | 7.2MW**



**Pittsburg Unified School District |
13 schools, CA, | 4MW**



Merritt College, CA | 1.2MW



**Franklin-McKinley School District, CA |
2.74MW**

DSA Solar (SAMPLE PROJECTS)



Butte Community College | CA | 411kW



Las Positas Community College | Chabot, CA | 2.2MW



Fremont Union School District | 5 schools, CA | 6.6MW



Milpitas Unified School District | 14 schools, CA | 3.4MW



Contra Costa Community College | 3 colleges, CA | 3MW



Hayward Unified School District | CA | 33 schools | 5.3MW

DSA Solar (PARTIAL LIST)

Santa Rosa SD 20 campuses	Santa Rosa, CA	3.94MW	Canopy Mount	DSA services, Fire, Access, Electrical Engineering	2023
Black Oak Mines USD 3 campuses	Cool, CA	655kW	Canopy	DSA services, Fire, Access, Electrical Engineering	2023
Central USD 5 campuses	Fresno, CA	614kW	Canopy	DSA services, Fire, Access, Electrical Engineering	2023
Grossmont UHSD Bus Depot	El Cajon, CA	508kW	Canopy Mount Roof Mount	DSA services, Fire, Access, Electrical Engineering	2022
Ravenswood City SD 4 campuses	Menlo Park, CA	508kW	Canopy Mount	DSA services, Fire, Access, Electrical Engineering	2022
Milpitas High School	Milpitas, CA	613kW	Canopy Mount	DSA services, Fire, Access, Electrical Engineering	2022
Santa Barbara USD 14 campuses	Santa Barbara and Goleta, CA	3151.5kW	Canopy Mount	DSA services, Fire, Access, Electrical Engineering	2022
Greenfield USD 5 campuses	Greenfield, CA	1.211.2kW	Canopy Mount	DSA services, Fire, Access, Electrical Engineering	2022
Mountain View 10 sites	California	1,628kW	Roof Mount Canopy Mount	Electrical Engineering	2021
Chualar USD	Chualar, CA	97.2kW	Canopy Mount	DSA services, Fire, Access, Electrical Engineering,	2021
San Miguel JUSD 3 campuses	Paso Robles and San Miguel, CA	281kW	Ground Mount Canopy Mount	DSA services, Fire, Access, Electrical Engineering	2021
San Juan USD 3 campuses	San Juan Bautista and Aromas, CA	467.8kW	Ground Mount Canopy Mount	DSA services, Fire, Access, Electrical Engineering, Structural Engineering	2021
Pinole Valley HS	Pinole, CA	418kW	Canopy Mount	DSA services, Fire, Access, Electrical Engineering	2020
Tulare JUHSD 7 campuses	Tulare, CA	3MW	Canopy Mount Roof Mount	DSA services, Fire, Access, Electrical Engineering	2020
City of Hayward USD 33 campuses	Hayward, CA	5.3MW	Canopy Mount	DSA services, Fire, Access, Electrical Engineering	2019
North Monterey USD 7 campuses	Monterey, CA	1.7MW	Canopy Mount	DSA services, Fire, Access, Electrical Engineering	2019
Alpaugh USD	Alpaugh, CA	345kW	Canopy Mount	DSA services, Fire, Access, Electrical Engineering	2018
Gonzales USD 3 campuses	Gonzales, CA	600kW	Canopy Mount	DSA services, Fire, Access, Electrical Engineering	2018
Escalon USD 6 campuses	Escalon, CA	1,285 kW	Canopy Mount Ground Mount	DSA services, Fire, Access, Electrical Engineering	2017
Lennox USD 7 campuses	Lennox, CA	2,200kW	Ground Mount Canopy Mount	DSA services, EOR, Fire, Access, Structural Engineering, Electrical Engineering	2017
Coachella USD 17 campuses	Coachella, CA	10,000kW	Ground Mount Canopy Mount	DSA services, EOR, Fire, Access, Structural and Electrical Engineering	2017
Glendale USD 2 campuses	Glendale, CA	1,148kW	Canopy Mount Roof Mount	Structural Engineering, Electrical Engineering	2017
Berryessa Union School District 13 campuses	San Jose, CA	2,255kW	Canopy Mount Ground Mount	DSA Approval, Structural Design, Construction Support	2016
Glendale Unified SD 3 campuses	Glendale, CA	373.87kW	Canopy Mount	Structural Engineering, DSA Approval	2014

DSA Solar (PARTIAL LIST)

Franklin-McKinley SD 13 campuses	San Jose, CA	2,738kW	Canopy Mount Roof Mount	Structural and Electrical Engineering, Geotechnical Services, DSA Approval	2013
Visalia USD 12 campuses	Visalia, CA	2,350kW	Canopy Mount	Structural Approval, DSA Approval	2013
Jefferson ESD 15 campuses	Daly City, CA Colma, CA	1,208kW	Canopy Mount Ground Mount	Structural and Electrical Engineering, Geotechnical Services, Project Management, Construction Support	2013
Salinas City ESD 13 campuses	Salinas, CA	1,044kW	Canopy Mount	Structural and Electrical Engineering, Permitting	2013
Hartnell Community College	Salinas, CA	1,943kW	Canopy Mount Ground Mount	Structural and Electrical Engineering, Permitting	2013
Los Angeles Unified School District - 6 campuses	Los Angeles, CA	1,900kW	Canopy Mount Roof Mount	Structural and Electrical Engineering, Fire Access, Permits	2013
Oak Grove School District, Phase II 15 campuses	San Jose, CA	3,000kW	Canopy Mount	Structural and Electrical Engineering, DSA Permitting, Fire Access Approval	2013
Firebaugh Las Deltas Unified School District 3 campuses	Firebaugh, CA	1,300kW	Canopy Mount Roof Mount	Structural and Electrical Engineering, Fire Access, Permits	2013
Oak Grove School District Phase I 5 campuses	San Jose, CA	1,900kW	Canopy Mount Roof Mount	Canopy Design, Structural and Electrical Engineering, DSA Approval, Permitting, Construction Phase	2012
San Lorenzo Unified School District 8 campuses	San Lorenzo, CA	1,380kW	Canopy Mount Roof Mount	Canopy Design, Structural and Electrical Engineering, DSA Approval, Permitting, Construction Phase	2011
South San Francisco Unified School District - 15 campuses	South San Francisco, CA	2,500kW	Canopy Mount Roof Mount	Canopy Design, Structural and Electrical Engineering, DSA Approval, Permitting, Construction Phase	2011
Los Angeles Unified School District 8 campuses	Los Angeles, CA	2,000kW	Canopy Mount Roof Mount	Canopy Design, Structural and Electrical Engineering, DSA Approval, Permitting, Construction Phase	2011
Lancaster Unified School District	Lancaster, CA	5,500kW	Canopy Mount	Electrical Design and Engineering	2011
Chico Unified School District 3 campuses	Chico, CA	2,300kW	Canopy Mount	Structural and Electrical Engineering, ADA, Fire Access Plan, Permitting	2011
Foothill Community College	Palo Alto, CA	1,200kW	Canopy Mount	Engineering, Geotech, Layout, DSA Approval, Equipment Specifications	2011
Hayward Unified School District 8 campuses	Hayward, CA	2,760kW	Canopy Mount	Engineering, Geotech, Layout, DSA Approval, Equipment Specifications	2011
Morgan Hill Unified School District 2 campuses	Morgan Hill, CA	2,000kW	Canopy Mount	Canopy Design, Structural and Electrical Engineering, DSA Approval, Permitting, Construction Phase	2010
Pittsburg Unified School District 15 campuses	Pittsburg, CA	4,000kW	Canopy Mount	Canopy Design, Engineering, DSA Approval, Permitting, Construction Oversight	2010
East Side Unified High School District 12 campuses	San Jose, CA	7,500kW	Canopy Mount Roof Mount	Canopy Design, Structural and Electrical Engineering, DSA Approval, Permitting, Construction Phase	2010
Merritt College	Oakland, CA	1,200kW	Canopy Mount	Engineering, DSA Approval, Permitting, Construction Oversight	2010
Chabot Las Positas Community Colleges	Hayward and Livermore, CA	2,200kW	Canopy Mount	System Design, Installation Consulting, Equipment Specification and Commissioning	2009
Fremont Union School District – 5 campuses	Sunnyvale, CA	5,600kW	Canopy Mount Roof Mount	Engineering, Permitting and Project Management	2008
Milpitas Unified School District 14 campuses	Milpitas, CA	3,400kW	Ground Mount Parking Canopy	System Design, Installation Consulting, Equipment Specification and Commissioning	2008
DVC Community College	Pleasant Hill, CA	1,000kW	Ground Mount Parking Canopy	System Design, Installation Consulting, Equipment Specification and Commissioning, DSA Approval	2007

UPDATED: August 8, 2023



BLYMYER ENGINEERS' SERVICES INCLUDE:

- Feasibility studies
- Site assessments
- Conceptual design
- Design development
- Detailed electrical design
- Cost estimates
- Detailed structural design
- Construction/permitting
- Project management
- Construction management
- Commissioning process

Energy Storage (SAMPLE PROJECTS)



**Santa Ana Energy Storage | California |
40MW/160MWh**



**Agua Fria | Glendale, Arizona |
25MW/100MWh**



**Vallecito | Carpinteria, California |
10MW/40MWh**



**Silverstand | Camarillo, California |
11MW/44MWh**



**Mira Loma—Tesla | Ontario, CA |
20MW/80MWh**



**GAP—Tesla | Fresno, CA |
1 MW/2MWh**

Energy Storage (PARTIAL LIST)

Superstition	Gilbert, AZ	90MW / 360MWh	Electrical and Structural Engineering	2023
Stanton	Stanton, CA	68.8MW / 275.2 MWh	Electrical and Structural Engineering	2023
San Juan	Kirkland, NM	100MW / 400MWh	Electrical and Structural Engineering	2023
Oberon 1 & 2	California	1GWh	Electrical and Structural Engineering	2023
Santa Ana	Santa Ana, CA	40MW / 160MWh	Electrical and Structural Engineering	2023
Chestnut	California	540MWh	Electrical and Structural Engineering	2022
Solar Blue	California	900MWh	Electrical and Structural Engineering	2022
Avion	Pima County, AZ	15MW / 1MWh	Electrical and Structural Engineering	2022
Bottleneck	Richgrove, CA	94MW / 376MWh	Electrical Engineering	2022
Pomona II	Pomona, CA	20MW / 40MWh	Electrical Engineering	2021
Tierra Buena	Yuba City, CA	9.2MW / 23.85 MWh	Electrical Engineering	2021
Tesla Barhamsville	Barhamsville, VA	2MW / 5MWh	Electrical and Structural Engineering	2021
Tesla Glendale	Glendale, AZ	25MW / 100MWh	Electrical and Structural Engineering	2021
Tesla Emeryville	Emeryville, CA	980kW / 2.5MWh	Electrical and Structural Engineering	2020
Tesla Dublin	Dublin, CA	1.3MWh	Electrical and Structural Engineering	2020
Tesla Westminster	Westminster	4.5MWh	Electrical and Structural Engineering	2020
Tesla Rocklin	Rocklin, CA	892kWh	Electrical and Structural Engineering	2020
Tesla Vallecito	Carpinteria, CA	40MWh	Electrical and Structural Engineering	2020
Tesla Silverstrand	Camarillo, CA	44MWh	Electrical and Structural Engineering	2020
Tesla Long Beach	Long Beach, CA	10.8MWh	Electrical and Structural Engineering	2019
Irvine Company 4 sites	Irvine, CA	15.5MWh	Electrical and Structural Engineering	2019
SK Hart	Newport Beach, CA	3.7MWh	Electrical and Structural Engineering	2019
Tesla Newport Gateway 2 systems	Irvine, CA	1.0MW / 6.72MWh	Electrical and Structural Engineering	2018
Tesla Morgan Stanley	San Francisco, CA	500kW / 1.26MWh	Electrical and Structural Engineering	2018
Tesla Costa Mesa	Costa Mesa, CA	1MW / 6.51MWh	Electrical and Structural Engineering	2018
Tesla Mira Loma	Ontario, CA	2 MW / 80MWh	Electrical and Structural Engineering	2017
Tesla Illumina	San Diego, CA	1MW / 2MWh	Electrical and Structural Engineering	2015
Tesla Port Hueneme	Port Hueneme, CA	1MW / 2MWh	Electrical and Structural Engineering	2015
GAP / Tesla	Fresno, CA	1MW / 2MWh	Electrical and Structural Engineering	2015
CSU-Long Beach / Tesla	Long Beach, CA	1MW / 2MWh	Electrical and Structural Engineering	2015
DTE Energy	Woodland, CA	25MW / 100MWh	Preliminary	2015
Lathrop / Tesla	Lathrop, CA	2MW / 4MWh	Electrical and Structural Engineering	2015

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EV Charging—Services



BLYMYER ENGINEERS' SERVICES INCLUDE:

- Initial feasibility studies
- Energy modeling and analysis
- Conceptual design
- Design development
- Detailed cost estimates
- Construction documentation
- Permitting
- Project management
- Construction management
- Design/build
- Commissioning

EV Charging Stations (SAMPLE PROJECTS)



Tesla Gateway 101 | East Palo Alto, CA



Tesla Alameda South Shore Center | Alameda, CA



EVgo Pacific Avenue | San Francisco, CA



Tesla City Center | San Francisco, CA



Tesla Firebaugh | Firebaugh, CA



EVgo | Walnut Creek, CA

EV Charging Station (PARTIAL LIST)

EVgo	California	70 Stalls	Electrical and Structural Engineering	2023
EVgo	California	360 Stalls	Electrical and Structural Engineering	2022
EVgo	Texas	18 Stalls	Electrical and Structural Engineering	2022
EVgo	Arizona	42 Stalls	Electrical and Structural Engineering	2022
EVgo	Oregon	24 Stalls	Electrical and Structural Engineering	2022
EVgo	Washington	72 Stalls	Electrical and Structural Engineering	2022
Tesla	California	36 Stalls	Electrical and Structural Engineering, Utility Coordination	2021
Tesla	Hawaii	24 Stalls	Electrical and Structural Engineering, Utility Coordination	2021
EVgo	California	350 Stalls	Electrical and Structural Engineering, Utility Coordination	2021
EVgo	Colorado	11 Stalls	Electrical and Structural Engineering, Utility Coordination	2021
EVgo	Arizona	7 Stalls	Electrical and Structural Engineering	2021
EVgo	Washington	16 Stalls	Electrical and Structural Engineering	2021
Rivian	Oregon	18 Stalls	Electrical and Structural Engineering	2021
Rivian	Arizona	12 Stalls	Electrical and Structural Engineering	2021
Rivian	Las Vegas, NV	12 Stalls	Electrical and Structural Engineering	2021
Rivian	California	70 Stalls	Electrical and Structural Engineering	2021
EVgo	California	231 Stalls	Electrical and Structural Engineering, Utility Coordination	2021
EVgo	Texas	22 Stalls	Electrical and Structural Engineering, Utility Coordination	2021
Tesla	California	108 Stalls	Electrical and Structural Engineering, Utility Coordination	2020
EVgo	Arizona	4 Stalls	Electrical Engineering and Structural Engineering	2020
EVgo	California	131 Stalls	Electrical Engineering and Structural Engineering	2020
Tesla	Hawaii	18 Stalls	Electrical and Structural Engineering, Utility Coordination	2019
Tesla	California	184 Stalls	Electrical and Structural Engineering, Utility Coordination	2019
EVgo	California	66 Stalls	Electrical Engineering and Structural Engineering	2019
Tesla	California	256 Stalls	Electrical and Structural Engineering, Utility Coordination	2018
EVgo	California	13 Stalls	Electrical and Structural Engineering	2018

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Pioneer Solar, Adams County, Colorado, 88.8 MVA, 34.5/115 kV

BLYMYER ENGINEERS' SERVICES INCLUDE:

- Feasibility studies
- Site assessments
- Conceptual design
- Design development
- Detailed electrical design
- Cost estimates
- Detailed structural design
- Construction/permitting
- Project management
- Construction management
- Commissioning process

Substations (SAMPLE PROJECTS)



Central 40 | CA |
52.5 MVA, 34.5/115kV



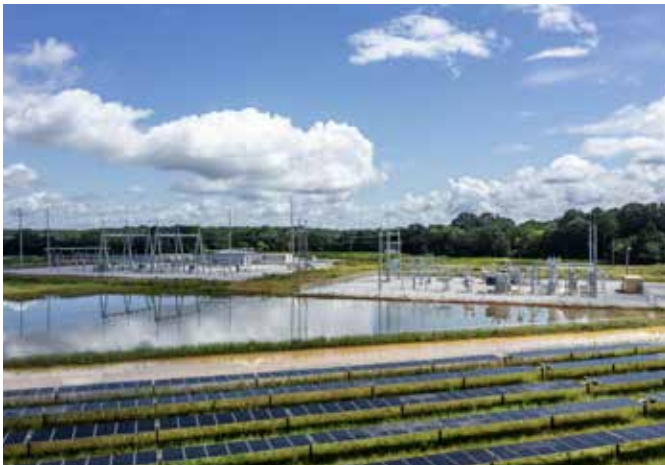
Alabama Solar A | AL |
90 MVA, 34.5/115kV



Mount Signal 2 Solar | CA |
165 MVA, 34.5/230kV



Pioneer Solar | CO |
88.8 MVA, 34.5/115kV



Muscle Shoals Solar | AL |
250MVA, 34.5/161kV



Aquamarine | Stratford, CA |
34.5/230kV and 320MVA

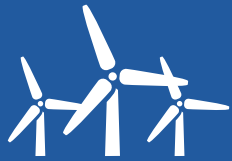
Substations (PARTIAL LIST)

Ash Creek	Oklahoma	34.5/345kV	408.85MVA	2023
Choctaw	Oklahoma	34.5/138kV	100MVA	2023
Kiowa	Oklahoma	34.5/138kV	100MVA	2023
El Dorado	Illinois	34.5/138kV	150MVA	2023
Heartwood	Mississippi	34.5/138kV	150MVA	2023
Long Lake	Arkansas	34.5/230kV	200MVA	2023
Show Me State	Missouri	34.5/345kV	250MVA	2023
Bottleneck	California	34.5/69kV	80MVA	2022
Superstition	Arizona	34.5/230kV	90MVA	2022
Vikings	California	34.5/230kV	129.6MVA	2022
Wildflower	Mississippi	34.5/230kV	100MVA	2022
Solar Blue	California	34.5/230kV	250MVA	2022
Chestnut	California	34.5/230kV	150MVA	2022
Big Plain	Ohio	34.5/138kV	196MVA	2022
Clearway	California	34.5/240kV	800MVA	2022
Steel	Utah	34.5/138kV	86.4MVA	2022
Rocket	Utah	34.5/138kV	86.4MVA	2021
Castle	Utah	34.5/69kV	46.8MVA	2021
Elektron	Utah	34.5/138kV	86.4MVA	2021
Brazoria County	Texas	34.5/138kV	226.8MVA	2021
Sandy Branch	Texas	34.5/138kV	151.2MVA	2021
Brazoria West	Texas	34.5/138kV	227.16MVA	2021
Muscle Shoals	Alabama	34.5/161kV	252.4MVA	2020

Substations (PARTIAL LIST)

Stony Knoll	North Carolina	34.5/115kV	32MVA	2020
Speedway	North Carolina	34.5/44kV	32MVA	2020
Broad River	North Carolina	34.5/115kV	57MVA	2020
Aquamarine	California	34.5/230kV	320MVA	2020
Elara	Texas	34.5/138kV	144.45MVA	2020
Pioneer	Colorado	34.5/115kV	88.8MVA	2019
Taygete 1	Texas	34.5/138kV	277.2MVA	2019
Taygete 2	Texas	34.5/138kV	277.2MVA	2019
Central 40	California	34.5/115kV	52.2MVA	2019
Prairie wolf	Illinois	34.5/138kV	250MVA	2019
Drew	California	34.5/230kV	110MVA	2019
Hunter	Utah	34.5/138kV	110MVA	2019
Garret Substation	Oregon	34.5/115kV	11.25MVA	2018
Riverhead	New York	34.5/138kV	22.2MVA	2018
Bonnie Mine	Florida	34.5/69kV	41.67MVA	2018
Lakeview Airport	Oregon	34.5/115kV	52.5MVA	2018
Lapetus	Texas	34.5/138kV	111MVA	2018
Chestnut	North Carolina	34.5/115kV	85MVA	2017
Bly	Oregon	34.5/69kV	12.5MVA	2017
Mount Signal 2	California	34.5/230kV	165MVA	2017
Redwood 4	California	34.5/115kV	22.2MVA	2017
Gray Hawk	Arizona	34.5/69kV	80MVA	2016
Alabama	Alabama	34.5/115kV	90MVA	2016

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Wind Power (SAMPLE PROJECTS)



**Scheid Vineyards | Greenfield, CA |
1.85 MW**

Nestlé

**Nestlé | Cabazon, CA |
1.85 MW**



**Lac Prison | Lancaster, CA |
1.85 MW**



**Dole | Soledad, CA |
3 MW**



**Dole | Soledad, CA |
9.6 MW**



**Dole | Soledad, CA |
5.6 MW**

Wind Power (SAMPLE PROJECTS)



**Mann Packing | Gonzales, CA |
1.85 MW**

Wind Power (PARTIAL LIST)

Dole	Soledad, CA	5.6MW	2022
Correctional Training Facility	Soledad, CA	1.79MW	2018
Salinas Valley State Prison	Soledad, CA	1.79MW	2018
Nestle	Cabazon, CA	1.85MW	2018
Schied Vineyards	Greenfield, CA	1.85MW	2017
LAC Prison	Lancaster, CA	1.85MW	2017
Mann Packing	Gonzales, CA	1.79MW	2017

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BEI Construction



A Sister Company Of Blymyer Engineers

If and when our clients require design/build services, Blymyer Engineers will work with BEI Construction, our affiliated firm, to provide turnkey services. BEI Construction is a California-licensed general building, engineering, and electrical contractor holding A, B, and C-10 licenses.

During the design/build process, we address design and construction questions early in the conceptual design phase to provide our clients with a seamless project. This relationship also results in BEI Construction's ability to offer services most construction companies cannot, including:

- Renewable: Solar/PV and Wind
- BESS/Energy Storage
- Data and technology infrastructure
- Audio/Visual
- Security
- Permit/Construction Management
- Electrical Contracting

Exceptional work across a range of disciplines

The BEI Construction/Blymyer Engineers team, in addition to having solar expertise, has extensive experience providing design and design/build projects, including data center and head-end design as well as co-locations, battery back-up systems, back-up generators, and more. We have prepared room and building layouts, electrical design (both AC and DC systems), mechanical design, permitting, construction phase services, and as-builts.

(510) 521-3792

BEIConstruction.com

Blymyer Engineers — Director of Engineering

From the Director of Engineering



Step into the future of renewable energy with our pioneering company. At Blymyer Engineers, we have revolutionized the renewable landscape, enabling businesses and communities worldwide to harness the power of the sun and wind for a sustainable and clean energy future.

Our team of engineers are industry experts that bring a wealth of knowledge and experience to every project. We stay abreast of the latest technological advancements, incorporating cutting-edge innovations into our designs to enhance efficiency, streamline operations, and maximize energy output. When you partner with us, you gain access to a wealth of expertise that will give you a competitive edge in the market.

Our impressive portfolio of 17GW of engineered plants is a testament to our ability to deliver large-scale projects that exceed expectations in terms of efficiency, reliability, and environmental impact. We have successfully completed projects across diverse industries, from commercial and industrial installations to utility-scale power plants. Our clients trust us to deliver results that exceed their expectations, and we take pride in forging long-lasting partnerships built on trust, reliability, and shared success.

So, if you're ready to join the renewable revolution and unlock the full potential of renewable energy, look no further than Blymyer Engineers. With our unrivaled experience, innovative solutions, and dedication to sustainability, we are the ideal partner to help you harness the power of the sun and wind and drive your organization towards a brighter and greener future. Get in touch with us today and let's embark on this transformative journey together.

Greg Mazur, P.E.
Director of Engineering





Founded in 1961, Blymyer Engineers has over 60 years of experience that is dedicated to your success.

Optimizing design for fast, economical installation.



We work around the clock for you.



Blymyer Engineers, Inc.

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