

STATEMENT OF QUALIFICATIONS:

SOLAR & STORAGE
ENGINEERING, PROCUREMENT,
CONSTRUCTION, OPERATIONS
& MAINTENANCE
EXPERTS



Continental
Energy Solutions

815 Commerce Dr. Suite 280 Oak Brook IL 60523
info@cesnrg.com | 630.637.2150 | www.CESnrg.com
Solar Installer, Electrical Contractor



Our Vision, Your Future: A Clean Energy Economy

Continental is a design/build solar and storage installer and EPC (Engineer, Procure, Construct) contractor. Our experience delivering complex, unusual and unique projects in the Midwest is unparalleled. Today, we operate in Illinois and neighboring states. Tomorrow, we will be serving wide swaths of the US solar market. If you have a project you want to discuss, please don't let the geographic location stop you from talking to us.

Call us today at **630-637-2150** or by email: info@CESnrg.com

Our Customers

Our customers include global corporations like IKEA, Target Corp, and Magid Glove, but also medium sized manufacturers which are so important to the Midwest economy. We also work extensively with solar developers, financiers, and other EPCs. Sometimes we are the EPC and sometimes just the C.



CAPABILITIES

- Commercial, Industrial, & Community Solar
- Energy Storage Systems (ESS)
- Operations & Maintenance

TABLE OF CONTENTS

1	Introduction
2	Summary Table: Solar experience by category
3	Manufacturing/Logistics Portfolio
4-5	Retail Portfolio
6	Community Solar Portfolio
7	Colleges & Universities Portfolio
8	K-12 Education Portfolio
9	Government/Institutional Portfolio
10	Healthcare Portfolio
10	Microgrids: Solar plus Battery Storage
11	Operations & Maintenance: Power your investment
12	CES Timeline: A history of industry firsts in Illinois solar
13	Solar in Illinois
14	ROI: Five Ways Solar Pays Back (in Illinois)
15	The Continental Difference
16	About CES: A Continental family tradition
16	Solar Podcast: CESnrg.com/podcast
17-18	Solar Experience: Projects above 100 kW

**Continental is the largest
commercial & industrial SOLAR
INSTALLER in Illinois.**

Our vision, your future: a clean energy economy

Solar energy gives you the power to save on electricity costs, reduce your carbon footprint, and fuel a cleaner, healthier future for all. I started CES because I had a vision to make Illinois a leader in clean energy. It has taken years of hard work to develop the industry and our capabilities. We installed our own rooftop solar array (and battery storage system) at Continental HQ in 2013. I've been deeply involved with the Illinois Solar Energy Association, and have served as that organization's board President for the past several years. Since 2017 and the Future Energy Jobs Act, we now see rapid adoption of solar. We are well positioned to be the leading solar installer in Illinois, and we are expanding across the country following our solar developer partners and the growing solar industry. We are humbled and honored to be the shepherds of our customer's capital projects and we offer you the Continental Customer Service Guarantee - we will build your solar and storage projects with high quality parts and labor so you have a generating facility that will stand the test of time, not to mention Midwest weather! Like all of our customers at CES, we give you our promise to treat you as a customer for life. We are greening the grid one facility at a time and time is of the essence.

Me and my team of project managers, technicians, engineers, and business developers would love to help your company become a clean energy partner with us. Join us, and together we will build the clean energy economy.

Sincerely,



Brian Haug, P.E.
President, Continental Energy Solutions
Board President, Illinois Solar Energy Association



Solar PV Experience

BY CATEGORY (2009 TO 2020)

	kWDC	count
Retail / Big Box	22,621	35
Manufacturing & Logistics	16,567	19
Community Solar	14,120	5
Education	11,063	38
Institutional	859	7
Government	754	10
Healthcare	674	10
Office	104	3
TOTAL	66,762	121

For a complete list of project experience over 100 kW see pages 17-18.



MANUFACTURING & LOGISTICS



Magid Glove

Romeoville, IL | Will County
3.4 MW PV
2 MW ESS



Abt Electronics

Glenview, IL | Cook County
516 kW PV
500 kW ESS



Minerallac Company

Hampshire, IL | Kane County
352 kW PV



IKEA Distribution Center

Joliet, IL | Will County
2.9 MW PV



Michael Lewis Co.

McCook, IL | Cook County
1.7 MW PV



Simmons Knife & Saw

Glendale Heights, IL | DuPage County
437 kW PV



Libman Company

Arcola, IL | Douglas County
1.99 MW PV
2 MW ESS



Electrical Materials Corp

Earlville, IL | LaSalle County
988 kW PV



Clarke Environmental

274 kW PV across four sites in Kane County

St. Charles, IL: 119 kW PV
Roselle, IL: 95 kW PV
Roselle, IL: 38 kW PV
Roselle, IL: 23 kW Carport PV

RETAIL



Walmart Store

Addison, IL | DuPage County
648 kW PV



Walmart Store

Glen Ellyn, IL | Dupage County
1.04 MW PV



Walmart Store

Sterling, IL | Whiteside County
1.16 MW PV



Walmart Store

Bloomngdale, IL | DuPage
County
907 kW PV



Walmart Store

Lake Zurich, IL | Lake County
1.04 MW PV



Walmart Store

Vernon Hills, IL | Lake County
691 kW PV



Walmart Store

Darien, IL | DuPage County
1.04 MW PV



Walmart Store

Northlake, IL | Cook County
950 kW PV



Northbrook Court Mall

Northbrook, IL | Cook County
1.06 MW PV

RETAIL CONTINUED



IKEA Store

Bolingbrook, IL | DuPage County
1.12 MW PV



IKEA Store

Schaumburg, IL | Cook County
868 kW Rooftop PV



IKEA Distribution Center

Joliet, IL | Will County
2.9 MW PV

24 TARGET STORES BY COUNTY*

Cook County

Arlington Heights, IL: 695 kW PV
Evanston, IL: 552 kW PV
Glenview, IL: 552 kW PV
Orland Park, IL: 598 kW PV
Palatine, IL: 598 kW PV
Schaumburg, IL: 695 kW PV

DuPage County

Glendale Heights, IL: 788 kW PV
Villa Park, IL: 473 kW PV
Warrenville, IL: 867 kW PV
Wheaton, IL: 512 kW PV
Willowbrook, IL: 769 kW PV

Lake County

Gurnee, IL: 552 kW PV
Highland Park, IL: 695 kW PV
Mundelein, IL: 946 kW PV

McHenry County

Algonquin, IL: 683 kW PV
Crystal Lake, IL: 552 kW PV

Will County

New Lenox, IL: 683 kW PV
Shorewood, IL: 710 kW PV



New Lenox, IL



Shorewood, IL



Willowbrook, IL

* All Target stores listed are rooftop arrays

COMMUNITY SOLAR



Harvard Road

Harvard, IL | McHenry County
2.9 MW PV
Developer: Nexamp
CES Scope: Construct



EPC Schulte

Lacon, IL | Marshall County
2.9 MW PV
Developer: Summit Ridge Energy
CES Scope: Full EPC



Keeversville

Braidwood, IL | Will County
2.5 MW PV
Developer: Summit Ridge Energy
CES Scope: Full EPC



Griggs

Grant Park, IL | Kankakee County
2.9 MW PV
Developer: Summit Ridge Energy
CES Scope: Full EPC



Speedway East Central

Elwood, IL | Will County
2.9 MW PV
Developer: Summit Ridge Energy
CES Scope: Full EPC

COLLEGES & UNIVERSITIES



North Central College Res/Rec Center

Naperville, IL | DuPage County
539 kW PV
500 kW ESS



University of Illinois Wassaja Hall

Champaign, IL | Champaign
County
33 kW PV (fully attached)



Joliet Junior College

Joliet, IL | Will County
58 kW PV



Northwestern University Ryan Walter Athletic Center

Evanston, IL | Cook County
121 kW PV



DePaul University Clifton Fullerton

Chicago, IL | Cook County
92 kW PV



Northwestern University Kresge Hall

Evanston, IL | Cook County
81 kW PV

K-12 EDUCATION



North Central High School

Grayslake, IL | Lake County
1.36 MW PV (pictured)
1.4 MW Ground Mount PV



Troy Middle School

Plainfield, IL | Will County
387 kW PV



Troy Heritage Trail

Joliet, IL | Will County
358 kW PV



Grayslake Central High School

Grayslake, IL | Lake County
450 kW PV



Hofer Schools

Shorewood, IL | Will County
371 kW PV



Craughwell Elementary School

Shorewood, IL | Will County
345 kW PV



Cronin School

Shorewood, IL | Will County
409 kW PV



Orenic Middle School

Plainfield, IL | Will County
358 kW PV



Lace School

Darien, IL | Will County
209 kW PV

GOVERNMENT & INSTITUTIONAL



Countryside Municipal

Countryside, IL | Cook County
272 kW PV



Cook County Domestic Abuse Courthouse

Chicago, IL | Cook County
110 kW PV



Clarke

St. Charles, IL | Kane County
119 kW PV



IL Dept of Transportation IDOT M7

Rockford, IL | Winnebago County
193 kW PV



Congregation of St. Joseph (3 projects)

Kalamazoo, MI | Kalamazoo County
183 kW PV (pictured)
LaGrange, IL | Cook County
80 kW Carport PV
Wichita, KS | Sedgwick County
77 kW Ground Mount PV



Stephenson Nursing Center / Walnut Acres

Freeport, IL | Stephenson County
494 kW PV

HEALTHCARE



Swedish Covenant Hospital

Chicago, IL | Cook County
171 kW PV



Gundersen Healthcare

Tomah, WI | Monroe County
258 kW PV
210 kW ESS



Gundersen Healthcare

West Salem, WI | La Crosse County
243 kW PV

MICROGRIDS: SOLAR PLUS BATTERY STORAGE

CES has completed a variety of solar and storage microgrids including our headquarters in Oak Brook, IL. When you pair battery storage (ESS) with a solar project you can:

1. Utilize the federal investment tax credit (ITC) on the battery and solar;
2. Use the battery and solar to create a 'microgrid' during grid outages thus increasing resiliency and avoiding catastrophic power outages for your mission critical facilities; and
3. Increase energy savings and utility bill reductions from grid services like capacity charge reduction and Frequency Regulation (FR).

The ROI of solar plus storage can be as short as three years. Get a free savings assessment today at info@CESnrg.com.

The 'value stack' for solar plus storage (ESS) is location dependent and is different for each investor owned utility and regional transmission organization. We have completed microgrid projects in PJM and MISO.

Here are some examples of solar plus storage projects we have completed as a design/build firm:

- **Continental Electric HQ**
55 kW Solar + 110 kWh ESS
- **Abt Electronics**
516 kW Solar + 1000 kWh ESS (Tesla)
- **North Central College**
538 kW Solar + 250 kWh ESS
- **Magid Glove**
3.4 MW Solar + 4 MWh ESS (Tesla)
- **Libman Company**
1.95 MW Solar + 4 MWh ESS (Tesla)

POWER YOUR INVESTMENT WITH **SOLAR & STORAGE O&M**



A Team You Can Trust:

- Emergency Readiness and Response
- Nationwide Service Capability
- NABCEP Certified Technicians
- Warranty Coordination & Fulfillment
- Cost Effective Preventative Maintenance
- Electrical Construction Management

With over 60 MW of Solar & ESS under our watch, we have established ourselves as the leading O&M Provider in the Midwest.

Control of your system's optimal performance takes proper O&M measures. From data driven tools to key response mechanisms, we are here to support your investment initiatives.

FULL SUITE OF O&M SERVICES

Preventative Maintenance

- Thorough Inspection and Reporting
- Service & Repair
- Warranty Claim Processing
- ESS & Microgrid Services

Key O&M Services

NEW!

- Drone Services – Thermal/Optical
- Vegetation Management
- Module Cleaning & Soiling Analysis
- MV Service/Support

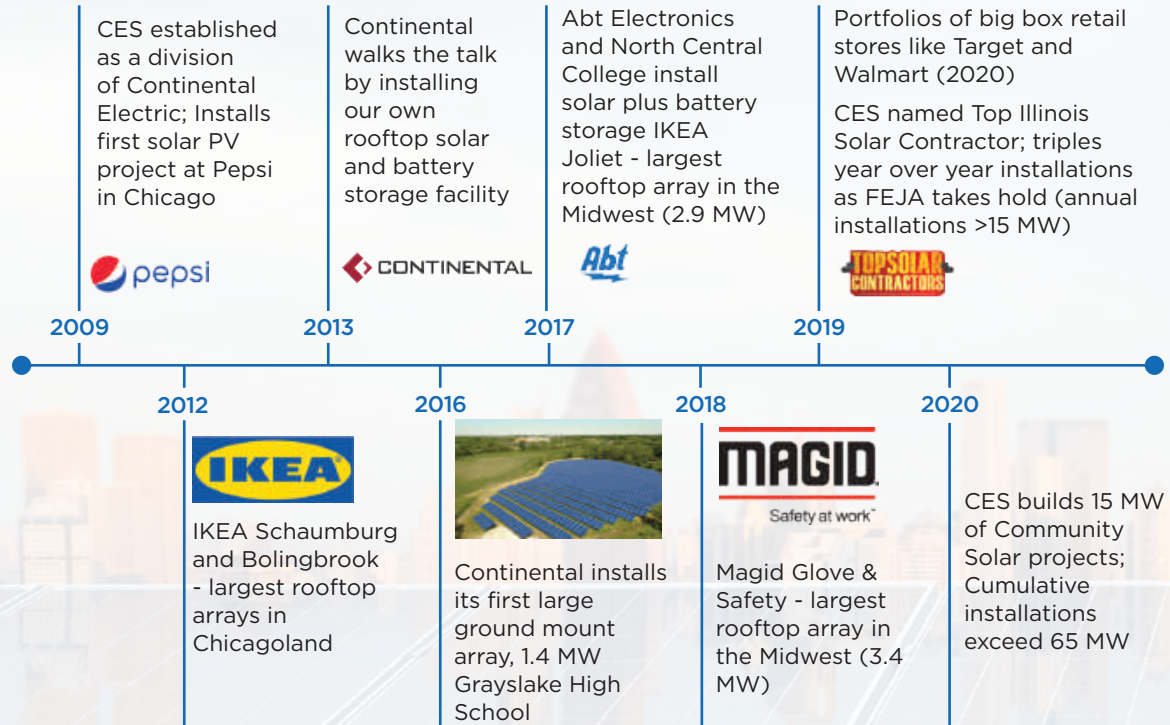
System Monitoring & Diagnostics

- Active Monitoring with Proactive Response
- Custom Alerts/Notifications
- Predictive Reports
- Cost Saving, Remote Diagnostics/Repair

3rd Party QA/QC and Commissioning

- 3rd Party System Inspection and Testing
- Electrical Construction – Progress Oversight
- Comms/ DAS Specialists
- Engineering Solar/ESS

Continental Firsts in Midwest Solar/Timeline



CUMULATIVE SOLAR INSTALLATIONS BY CES



Illinois is a 'Top Five' Market in the U.S. Solar Industry

Solar PV is mature technology and the price of solar has fallen 90% in the last ten years. Then, in 2017, a new law called 'FEJA' (Future Energy Jobs Act) took effect in Illinois. FEJA funds \$200 million per year in incentives for solar project owners. These incentives are fueling the installation of 2,800 MW of solar installations in Illinois including commercial, community, and utility scale solar installations. We're all paying for the FEJA incentives (with a small fee on your power bill), and the only way to recoup those incentives is to invest in a solar project. The incentives are generous, so much so that the payback period for solar in Illinois is better than 90% of states in the US. The Solar Energy Industries Association and GreenTech Media recently named Illinois a 'Top Five Emerging Solar Market' in the US. Act now to see the greatest ROI - the incentives will step down over time, so there is no better time than the present to go solar. Contact us today for a free quote and solar savings assessment.

You can reduce your power bill by 50-75% with a rooftop, ground-mount, and/or canopy solar.

There are three factors driving the growth of solar PV in the Midwest:

- 1** The cost of **solar technology** has decreased by 90 percent in the past ten years;
- 2** We now have generous **cash and tax incentives** which make the payback period 4-6 years in Illinois;
- 3** Corporate **sustainability** is striving to keep up with consumer demands. This is why major retailers and tech giants have all set 100% renewable energy goals.



Five Ways Solar Pays Back

- 1 Energy from Sunlight is Free** — capture it to make it pay back. Companies including Microsoft, Amazon, Target, Walmart, Google, Apple, and IKEA are investing in solar projects for the energy savings and environmental impact.
- 2 Cash Incentive** — When you invest in a solar project, you can collect Solar Renewable Energy Credits (SRECs; 1 REC is equal to 1 megawatt hour of solar electricity or 1,000 kWh). These payments are worth 30-50% of the project value paid back to you in years 1-5. This gives Illinois solar projects a very short payback period, better than 90% of other states in the US.
- 3 Federal Investment Tax Credit (ITC)** — 26% tax credit based on system cost; If your company has a tax liability, this is a great way to reduce your tax burden. But you must act, the ITC is stepping down in future years.
- 4 Smart Inverter Rebate (\$250 per kW of solar PV)** — This is a cash rebate paid up front once you install a solar array. A 100 kW array would get a \$25,000 rebate. A 500 kW system would get \$125,000.
- 5 100% Bonus Depreciation (2018 tax bill)** — When you buy solar equipment you get to depreciate it on an accelerated schedule. Talk to your tax advisor about how solar can make financial sense for your company.



THE CONTINENTAL DIFFERENCE

Continental is the largest commercial and industrial solar installer in Illinois. Our portfolio includes the two largest rooftop projects in the Midwest: IKEA Joliet and Magid Glove. With over 100 solar projects installed, there is no other solar contractor in the state with the depth and breadth of experience. **Solar, solar plus battery storage, and microgrids - Continental is your clean energy partner.**

No matter your energy situation, we can design and build projects that meet your needs. We field over 500 electricians and solar installers - that's the Continental difference - scale, experience, and expertise.

Solar can reduce your power bill by 50-75%. To determine the ROI and payback period for your business, all we need is a PDF of your power bill. Contact Tim Montague at 630.203.7729 or tmontague@cesnrg.com for more information.

Need a solar project quote?

Contact: Tim Montague,
Business Development
tmontague@CESnrg.com
217.722.0429 m



About the Continental/FourGen Family of Companies



Continental Energy Solutions (CES) was founded in 2009 as a division of Continental Electrical Construction Company (CECCo). In 2020, CES and CECCo became wholly owned subsidiaries of FourGen Holdings and CECCo serves as the construction arm of the company. In October 2020, Electrical Energy Experts (a NETA testing firm) joined the family of companies. FourGen Holdings is a privately held fourth generation family business, owned and operated by the Witz brothers, David and Steven Witz.

Technology and Electricity - in our blood

Continental has been in the electrical business since 1912 when our founder, Harry Witz, established Continental as a premier electrical construction company. Now under the direction of Harry's great-grandsons, David and Steven Witz, Continental continues to leverage technology for our customers and our great State of Illinois. As one of the largest employers of Union electricians in Chicagoland, we are able to staff projects large and small ensuring consistent quality and control. We are also the largest commercial and industrial solar contractor in the State of Illinois.

Our team of engineers, project managers, and field supervisors is unmatched in the industry. This packet includes our qualifications, installation history, and highlights those projects that best illustrate our solar and battery storage experience. We look forward to discussing how Continental can assist you and your customers to go solar!



Solar Podcast Clean Power Hour LIVE Events

Every week we host two Solar Podcasts and one Clean Power Hour. We also host Solar Podcast LIVE events each month where the audience can ask questions and interact with the guest. The Solar Podcast includes interviews with solar professionals, thought leaders, manufacturers, developers, and financiers. The Clean Power Hour is a weekly run-down of the latest solar, storage and renewable energy news. Available on Spotify, Apple Podcasts, & your favorite player.



ONLINE

www.CESnrg.com/podcast

www.CESnrg.com/events

Solar Experience

PROJECTS ABOVE 100 kW

Project	kWdc	Category
Magid Glove	3,460	Manufacturing
Schulte	2,921	Community Solar
Griggs	2,919	Community Solar
IKEA Joliet	2,913	Manufacturing
Speedway East Central	2,890	Community Solar
Keeversville	2,500	Community Solar
G&W Electric Co.	2,500	Manufacturing
Harvard Rd (Nexamp)	2,460	Community Solar
Stepan Company	2,400	Manufacturing
Libman Company	1,990	Manufacturing
Michael Lewis Company	1,700	Manufacturing
Grayslake North Ground	1,400	Education
Walmart, Sterling	1,160	Retail
Ikea, Bolingbrook	1,124	Retail
Northbrook Court Shopping Mall	1,059	Retail
Walmart, Darien	1,037	Retail
Walmart, Glen Ellyn	1,037	Retail
Walmart, Lake Zurich	1,037	Retail
Kaneland High School	996	Education
Electrical Materials Corporation	988	Manufacturing
Woodland Middle School	959	Education
Walmart, Northlake	950	Retail

Project	kWdc	Category
Target, Mundelein	946	Retail
Walmart, Bloomingdale	907	Retail
Ikea, Schaumburg	868	Retail
Target, Warrenville	867	Retail
Woodland Elementary School	792	Education
Target, Glendale Heights	788	Retail
Target, Willowbrook	769	Retail
Grayslake North High School (roof)	750	Education
Target, Shorewood	710	Retail
West Aurora High School	707	Education
Target, Arlington Heights	695	Retail
Target, Highland Park	695	Retail
Target, Schaumburg	695	Retail
Walmart, Vernon Hills	691	Retail
Target, Algonquin	683	Retail
Target, New Lenox	683	Retail
Walmart, Addison	648	Retail
Target, Orland Park	598	Retail
Target, Palatine	598	Retail
Target, Crystal Lake	552	Retail
Target, Evanston	552	Retail
Target, Glenview	552	Retail



“No matter your energy situation,
we can design and build projects
that meet your needs. We have
over 500 electricians and solar
installers - that’s the Continental
difference - scale, experience,
and expertise.”

The background of the entire page is a high-resolution, close-up photograph of solar panels. The panels are a deep blue color with a grid of lighter blue lines representing the photovoltaic cells. The perspective is slightly angled, showing the rows of panels receding into the distance.

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