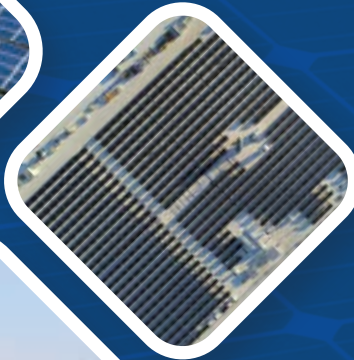


# STATEMENT OF QUALIFICATIONS

DESIGN, BUILD, INSTALL,  
ENGINEER, PROCURE,  
AND CONSTRUCT



**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 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](mailto: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.

Our experience with commercial-industrial solar & storage is unparalleled.



## CAPABILITIES

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



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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 in 2013. I've been deeply involved with the Illinois Solar Energy Association, and have served as that organization's board President for several years. Since 2017 and the Future Energy Jobs Act, we now see rapid adoption of solar and 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.

My team of project managers, engineers, business developers and I 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





# Solar PV Experience

BY CATEGORY (2009 TO 2020)

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

For a complete list of project experience see the table on pages 17-18.



# MANUFACTURING & LOGISTICS

\*Indicates solar + energy storage projects



## **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  
1,700 kW PV



## **Simmons Knife & Saw**

Glendale Heights, IL  
DuPage County  
437 kW PV



## **Libman Company\***

Arcola, IL | Douglas County  
1,990 kW PV  
2 MW ESS



## **Electrical Materials Corp**

Earlville, IL | LaSalle County  
988 kW PV



## **Clarke Environmental**

274 kW 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

Projects with a \* include an ESS



# RETAIL



## **Walmart Store**

Addison, IL | DuPage County  
648 kW PV



## **Walmart Store**

Glen Ellyn, IL | Dupage County  
1,037 kW PV



## **Walmart Store**

Sterling, IL | Whiteside County  
1,160 kW PV



## **Walmart Store**

Bloomington, IL  
DuPage County  
907 kW PV



## **Walmart Store**

Lake Zurich, IL | Lake County  
1,037 kW PV



## **Walmart Store**

Vernon Hills, IL | Lake County  
691 kW PV



## **Walmart Store**

Darien, IL | DuPage County  
1,037 kW 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 PV



## **IKEA Distribution Center**

Joliet, IL | Will County  
2.9 MW PV

## 24 TARGET STORES BY COUNTY\*

### **Cook County**

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

### **DuPage County**

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

### **Lake County**

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

### **McHenry County**

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

### **Will County**

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



New Lenox, IL



Shorewood, IL



Willowbrook, IL



# COMMUNITY SOLAR



## Harvard Road

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



## 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

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



## Speedway East Central

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

# COLLEGES AND 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 Community College**

Joliet, IL | Will County  
58 kW Rooftop



## **Northwestern University Ryan Walter Athletic Center**

Evanston, IL | Cook County  
121 kW Rooftop



## **DePaul University Clifton Fullerton**

Chicago, IL | Cook County  
92 kW Rooftop



## **Northwestern University Kresge Hall**

Evanston, IL | Cook County  
81 kW Rooftop



# K-12 EDUCATION



## **North Central High School**

Grayslake, IL | Lake County  
1,363 kW PV (pictured)  
1,400 kW 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 Rooftop



## **Hofer Schools**

Shorewood, IL | Will County  
371 kW Rooftop



## **Craughwell Elementary School**

Shorewood, IL | Will County  
345 kW Rooftop



## **Cronin School**

Shorewood, IL | Will County  
409 kW Rooftop



## **Orenic Middle School**

Plainfield, IL | Will County  
358 kW Rooftop



## **Lace School**

Darien, IL | DuPage County  
209 kW Rooftop

# INSTITUTIONAL



## **Countryside Municipal**

Countryside, IL | Cook County  
272 kW Rooftop & Carport



## **Cook County Domestic Abuse Courthouse**

Chicago, IL | Cook County  
110 kW Rooftop - O&M



## **Clarke**

St. Charles, IL | DuPage County  
119 kW Rooftop & Carport



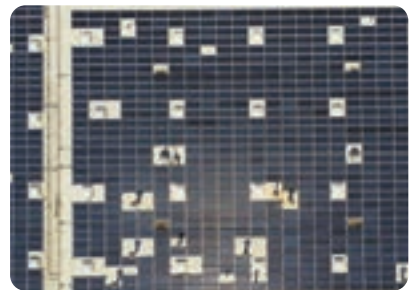
## **IL Dept of Transportation IDOT M7**

Rockford, IL  
Winnebago County  
193 kW Rooftop



## **Congregation of St. Joseph (3 projects)**

Kalamazoo, MI  
183 kW Rooftop & Carport  
LaGrange, IL  
80 kW Carport  
Wichita, KS  
77 kW Ground Mount



## **Stephenson Nursing Center / Walnut Acres**

Freeport, IL  
Stephenson County  
494 kW Ground Mount



# HEALTHCARE



**Swedish  
Covenant Hospital**  
Chicago, IL | Cook County  
171 kW Rooftop



**Gundersen Healthcare\***  
Tomah, WI | Monroe County  
258 kW Rooftop / 210 kW ESS



**Gundersen Healthcare**  
West Salem, WI  
La Crosse County  
243 kW Rooftop

## MICROGRIDS: SOLAR + BATTERY STORAGE

CES has completed a variety of solar and storage microgrids including at 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](mailto: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**



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

## **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

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

### **PSystem Monitoring & Diagnostics**

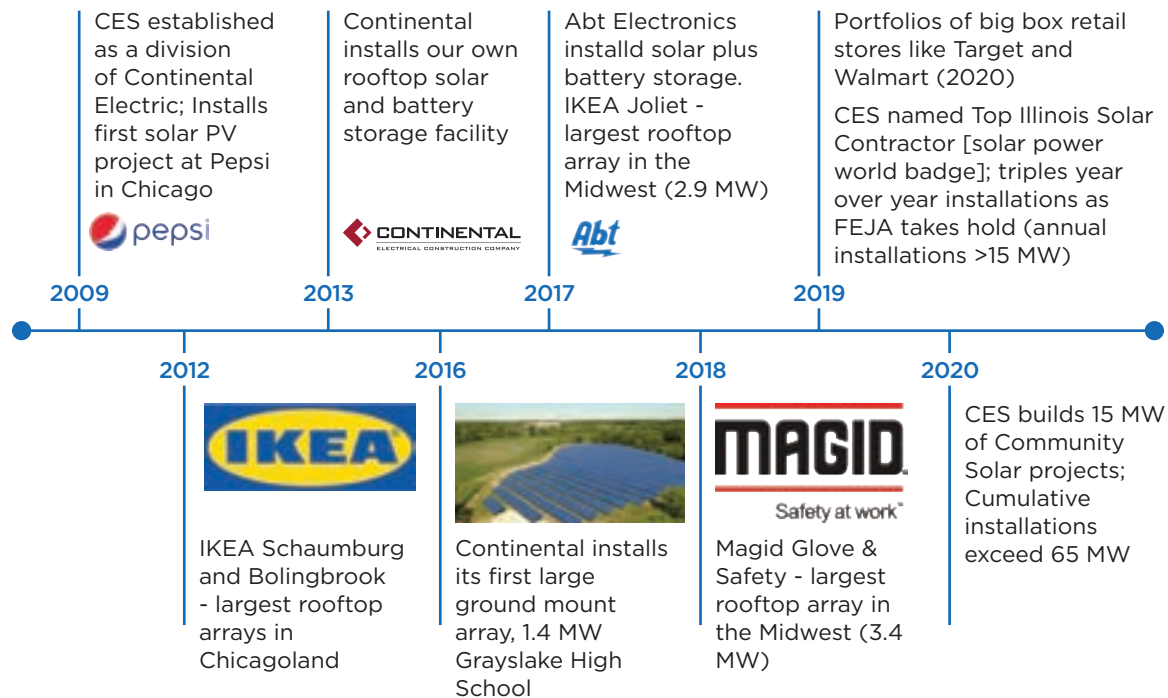
- Active Monitoring with Proactive Response
- Custom Alerts/Notifications
- Predictive Reports
- Cost Saving, Remote Diagnostics/Repair

### **3rd Party QA/QC and Commissioning**

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

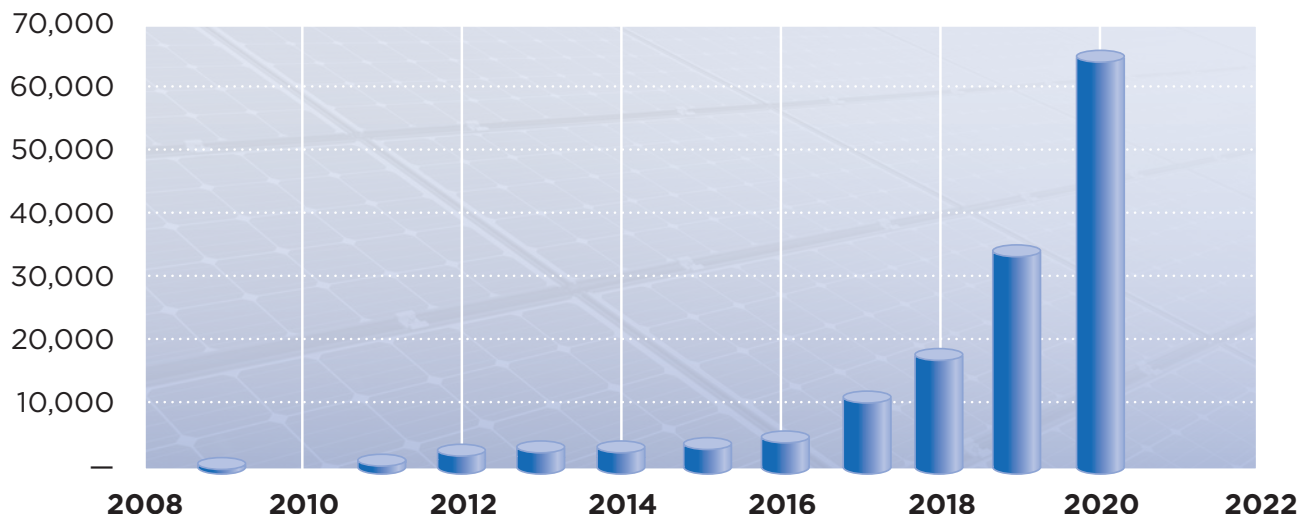


# Continental Firsts in Midwest Solar/Timeline



kW installed

## 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 force in Illinois. FEJA funds \$200 million per year in incentives for solar project owners. These incentives are fueling the installation of 2,800 megawatts of solar installations in Illinois including rooftop, community solar and utility scale 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.

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**You can reduce your power bill by 50-75% with a solar power plant on your roof or ground.**

---

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

- 1** The cost of **solar technology** has come down 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 including these household brands:





# Five Ways Solar Pays Back

- 1 Energy from Sunlight is Free** — capture it to make it payback. 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 the future.
- 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; estimated value: 23%. Talk to your tax advisor about how solar can make financial sense for your company.



# THE CONTINENTAL DIFFERENCE

Continental is the largest 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 needs, 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.

## Need a solar project quote?

Contact: Brian Haug, President  
bhaug@cesnrg.com  
(630) 637-2150





# 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 Continental Electrical 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 family business, owned and operated by the Witz brothers, David and Steven Witz, 4th generation owners of Continental Electrical.

## 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 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 Stubble, Spotify, Apple Podcasts, & your favorite player.



### ONLINE

[www.CESnrg.com/podcast](http://www.CESnrg.com/podcast)

[www.CESnrg.com/events](http://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 Calvert	2,890	Community Solar
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	EducaMon
Electrical Materials CorporaMon	988	Manufacturing
Woodland Middle School	959	Education
Walmart, Northlake	950	Retail



<b>Project</b>	<b>kWdc</b>	<b>Category</b>
Target, Mundelein	946	Retail
Walmart, Bloomingdale	907	Retail
Ikea, Schaumburg	868	Retail
Target, Warrenville	867	Retail
Woodland Elementary School	792	EducaMon
Target, Glendale Heights	788	Retail
Target, Willowbrook	769	Retail
Grayslake North High School (roof)	750	EducaMon
Target, Shorewood	710	Retail
West Aurora High School	707	EducaMon
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





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“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”

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# CONTINENTAL ENERGY SOLUTIONS

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