CLEAN ENERGY IS THE FUTURE

A GUIDE FOR INDUSTRIAL RENEWABLE ENERGY PROJECTS

Renewable energy upgrades, especially solar, are becoming increasingly popular for industrial facilities in Chicago, Cook County and nationwide. Transitioning even partially to renewables like solar can provide substantial cost savings on energy bills and reduce harmful environmental impacts. By partnering with experienced Powering Chicago electrical contractors who understand renewable energy systems, approval processes and more, industrial customers can be assured they are investing in a successful renewable energy project.

Technology Trends in Renewable Energy

- New solar technology like bi-facial panels and improved racking methods are enhancing energy efficiency.
- Adding EV charging powered by onsite solar generation is an emerging opportunity.
- Battery storage capabilities continue to improve.

Overcoming Challenges

- Aging Infrastructure: Older buildings often have outdated electrical systems and roof conditions that may not support solar. Licensed electrical contractors can assist in seeking financial incentives for necessary upgrades and navigate the permit application process.
- Workforce Expertise: Existing systems will need to work in tandem with newer technologies. Powering Chicago electrical contractors have an expertly-trained workforce available for these projects and access to state-of-the-art training at the Renewable Training Facility in Alsip, IL.

Maximizing Cost Savings Through Incentives

Qualified electrical contractors can help you take advantage of various financial incentives, including:

- Commercial Property Assessed Clean Energy (C-PACE)
- Illinois Shines Program
- And more …

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Considerations When Hiring a Contractor

- Look beyond the cheapest bid; consider experience, training, and qualifications.
- Choose a qualified, licensed electrical contractor based in your area for a long-term service partnership.
- Ensure the contractor is local and can provide long-term maintenance support.

Benefits of Working with a Powering Chicago Electrical Contractor

- Understanding of Chicago and Cook County codes, International Energy Codes, and challenges facing manufacturing and industrial facilities.
- Expertise in industrial market electrification solutions and renewable energy systems.
- Insight into other energy reduction or retrofit strategies, service and maintenance needs.
- Assistance with permitting, construction, and developing service and maintenance plans.

Sources: Powering Chicago member contractors

Utilize our **Find A Contractor tool** to find a qualified contractor for your next renewable energy project.

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