

Senior Electrical / Solar Engineer

Located in Effingham, IL office (relocation assistance available)

You will lead our engineering department, manage a small staff and outside consultants, and perform engineering work to keep up with our rapidly growing workload. Ideally, you have a great mix of practical field electrical construction experience and engineering expertise, or quick to pick up new skills. You understand electrical code, building electrical engineering principles, are detailed yet efficient in completing your work. You're a great leader, communicator, and team player. If you don't have solar experience, you're dedicated to getting up-to-speed asap with our help!

In our small but fast-paced environment, you will provide key technical support to the sales team and support cost estimating for developing solar systems for residential, farm, and commercial segments. We have installed systems to 700 kW and are developing 2 to 5 MW installations for large commercial/industrial facilities. Battery-based systems with emergency generators are becoming common and you'll be at the forefront of working with these systems.

Keen analytical skills, the ability to crunch numbers on a spreadsheet or other modeling tools required. After jobs are sold, you're adept at taking initial scope and plans and turning into final engineering documents for our project delivery team. Under your leadership, our engineering department excels and allows our sales team to double revenue output by end of 2022 and triple results by end of 2023.

RESULTS EXPECTED

1. Your leadership and technical support will enable our sales team to:
 - a. increase quotes of large farm and commercial projects (typically 150 kW up to 750 kW and sometimes larger) by 50% within 6 months of hire.
 - b. Increase quotes of residential solar systems and those increasingly involving batteries for energy storage or emergency backup purposes. You will become an expert with these systems in the department and will be a great technical resource.
 - c. help turn-around accurate scope, cost estimates, energy, and financial analysis faster.
2. You lead, manage, and grow a small engineering team and outside consultants. You deliver engineering plans to our project management team on-time, with detail and quality, along with tech support during project installation. You help identify new tools and systems to build and streamline our engineering department allowing us to double our annual engineering production within 1 year and minimize growing pains. You help hire and develop new staff as we continue to have success.
3. If you have an electrical engineering background but lack solar expertise, you apply yourself under the training we provide, and commit to becoming a solar engineering expert within 6 months and obtaining NABCEP certification within 12 months. Ideally you have a professional engineering license but if not, also the underlying credentials to immediately pursue licensure.

To apply: send resume and cover letter to careers@ticktockenergy.com.