



# Engineering & design

## Engineered for the utility market

Our team of expert engineers understands the intricacies that make utility projects unique. And because a well-designed foundation is at the heart of every project, we constantly pursue structural solutions that can improve customer project economics.

Tracker engineering and foundation design are all performed in-house. We are intimately familiar with the tracker's strengths and abilities and can leverage that knowledge to produce the most efficient foundation for the tracker. Design calculations are signed and sealed for any state where the project is located. And we support the designs through the review process with the owner's engineer, independent engineer, or AHJ as needed.

Between our hard-won expertise, our exclusive suite of smart design tools, and our agile team, we're prepared to get the backbone of your project underway.

**With parcels getting more and more complex, our unique toolkit can help you get the most out of every acre and pound of steel.**

### ENGINEERING SERVICES:

- Generate CAD layouts, optimized for material & construction costs
- Fulfill project-specific requests
- Provide stamped foundation designs
- Provide stamped tracker engineering
- Perform topo analysis & planar studies/pile point plans
- Provide foundation post reveal breakouts
- Produce ground force calculations/top of pile loads
- Produce module pressure analyses & clamp approval letters
- Provide realistic tracker designs based on manufacturer requirements
- Provide bill of materials