



ENGINEER



GEOTECH



PULLOUT



FIELD



LAYOUT



INSTALL

Image by Hanwha Q-Cells
1443 FlexRack Series G2L racks
10.82 MW Maywood Solar Farm Project
Indianapolis, IN

Complete Turn-Key Service



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Engineering services

We assign a project engineer to every client proposal to “value engineer” the racking structure for specific site conditions, ensuring the most economical and structurally stable solution. With a full team consisting of structural PE’s, a licensed geotechnical engineer, an electrical engineer, and several mechanical and structural designers, we offer all the services needed for your solar project. Our services also include full PE stamped drawing packages, including ground-penetrating and ballasted foundation design and structural analysis software to analyze every racking system.

Geotechnical services

Our in-house professional geologist and licensed geotechnical engineer analyze soil reports, recommend optimal foundation designs, and determine proper embedment depths based on site specific conditions. Final post and support designs are also PE stamped.

Pullout testing

Onsite pullout testing measures vertical and lateral strength of the recommended post using SFR’s proprietary data acquisition system. The data is analyzed in accordance with a geotechnical report to authenticate proposed design options, minimizing embedment depths and ensuring appropriate length and thickness of post needed to minimize overall project costs.

Field services

A SFR Field Technician is available on site upon request at no extra cost to ensure all proper installation techniques are being followed correctly and efficiently. The technician will work directly with your installation team, training them on the most effective installation methods for all SFR products.

Layout services

SFR can provide site specific layouts based on topography and output along with site surveying and staking if necessary.

Installation services

Our SFR Certified Installer program utilizes our vast network of installers to provide full turn-key services, maximizing the labor savings of our racking systems. Operating across the United States and Canada, our team of installers provide full installation services from posts to modules with unmatched efficiency.

Solar FlexRack, a division of Northern States Metals, is an integrated solar company that offers custom-designed, fixed tilt ground mount and single-axis solar tracking systems in the commercial, community solar and utility-scale solar mounting industries. Solar FlexRack offers full turnkey packages including engineering, geotechnical, pullout testing, field, layout, and installation services to address the actual site conditions of an installation and provide a full scope of services from design to delivery and installation. Solar FlexRack has completed over 2 GW of solar racking installations in 40 states across America and five countries globally. Learn more at <http://solarflexrack.com>

We make your life easier

Solar FlexRack is different. We don’t just offer our innovation through best-in-class solar racking solutions. We understand the complexities that come with every solar project and offer the expertise needed to ensure your project success. We offer an experience beyond products and services that has made us a leader in the industry, an experience defined by flexibility, understanding, and commitment to giving you the best.

+ Racking Solutions for Any Job



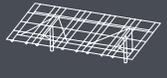
G3
ground/
pre-assembled



B
ballasted



TDL
tracker



G3-X
ground/
field assembled

The speed and efficiency of Solar FlexRack’s patented racking solutions can be invaluable on any jobsite. Offering a full suite of innovative products including fixed ground, ballasted, and single-axis tracking solutions Solar FlexRack has the products and services necessary to make your projects successful.

Experience the Flex

CALL US TO FIND OUT HOW THIS GROUNDBREAKING TECHNOLOGY CAN IMPROVE HOW YOU DO SOLAR

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