

GeoPro



Trusted in connection with more than 2 GW of installations, fixed tilt GeoPro solves a wide-range of ground mount project challenges, including irregular site boundaries, steep/uneven terrain, last-minute module changes, pile driving refusals, snow loads, and high wind sites.

Lowest cost. Fastest delivery.

Through universal parts and a module-independent design, GeoPro can be offered at low price points and with the short lead times for utility-scale and commercial projects of 100 kW and above.

Superior System Flexibility

GeoPro can be adapted to any site and optimized for a project's unique wind, snow and geotech conditions. It offers maximum foundation flexibility for soils of all types. The system also boasts 20 percent east-west terrain following on constant slope or rolling terrain, while allowing piles to be installed plumb.

In addition, GeoPro is module independent – able to accommodate last-minute module changes without requiring changes to project design. Currently offering portrait module orientation depending on project priorities.

Small or large table sizes are configured and provided incrementally to maximize capture density on any parcel of land.

Both wire management and grounding are integrated into the racking, simplifying total balance of system complexity and significantly lowering both labor and material costs.

Project packages

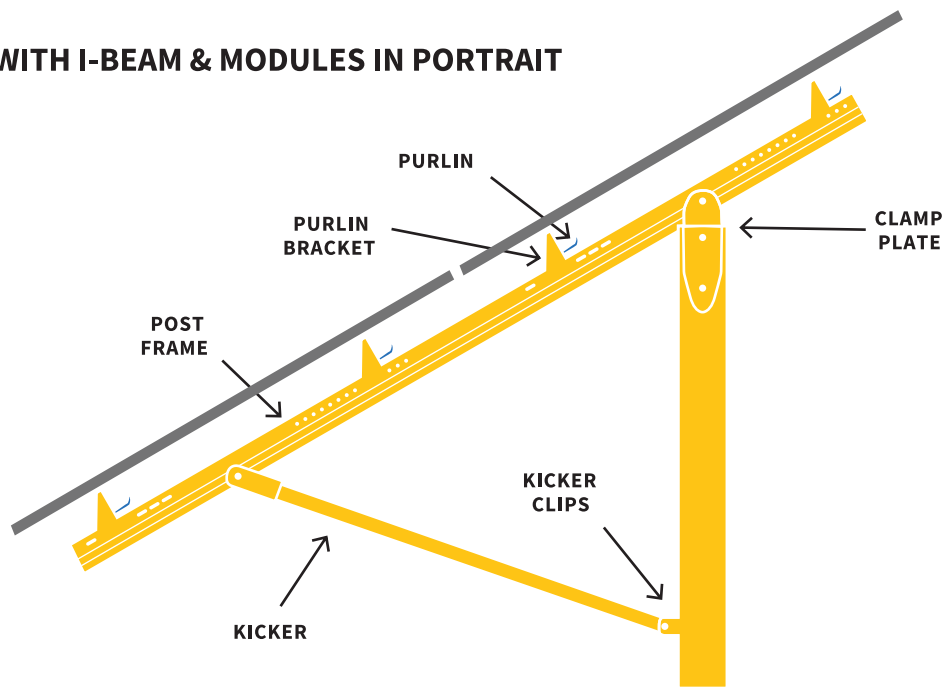
Customers can count on pricing transparency and product/service customization via GeoPro product packages:

- Includes world-class engineering, stamped structural packages, and project management support
- Features components that provide more adjustability, and pre-assembled parts for installation efficiency

Full-cycle Support

NOV can provide a range of services including project layout and design, geotechnical testing, and assistance with installation on a per project basis. Support continues for these products after installation and decades into the future--the NOV standard.

GEOPRO - WITH I-BEAM & MODULES IN PORTRAIT



General Data Sheet

Tilt angles	10°, 15°, 20°, 25°, 30°
Grade of Terrain	20% grade changes can be accommodated with standard components. For greater grade changes, our designers will work with your team to reduce unnecessary pre-installation civil work.
Materials	Galvanized steel components; stainless steel and galvanized steel fasteners
Grounding	Fully integrated grounding. ETL listing to UL 2703. Tables may be bonded together using NOV UL 467 listed Table Splices to form a continuous GeoPro rack.
Module Compatibility	All major framed brands.. Standard purlin hole spacing is designed to accept a module mounting width range from 922-966mm /36.28"-38.09". For modules outside of thisrange, a custom hole pattern may be accomodated.
Foundation Flexibility	Driven pile, others possible
In-field Flexibility	+/- .5" vertical, +/- 1" east-west, +/-1" north-south, 2° rotation about post vertical axis, 1° out of plumb Additional vertical flexibility can be achieved via installation tolerances on post embedment depth.
Installation Rates	A four-person crew working a 7.5 hour day can install more than 255 modules/day.
Testing	GeoPro's design is based on extensive testing and validation including boundary layer wind tunnel and mechanical tests.
Warranty	Industry acceptable periods and negotiable
Manufacturing	International sourcing with domestic options