



»» PV Tune

Optimize your solar site with Kimley-Horn's technology-enabled services.

PV Tune is Kimley-Horn's in-house solar analysis solution – created BY solar engineers – that streamlines civil and structural design for small and large-scale solar sites. While other tools in the market have a traditional “grading-first” focus, PV Tune's innovative approach balances grading and pile heights – equipping you with the most accurate data to increase efficient decision-making, minimize environmental impacts, and decrease construction costs.

With PV Tune, Kimley-Horn offers you robust tech-enabled solar consulting.

KEY BENEFITS



Deeper Analysis

Go beyond preliminary analysis to gain deep insight into your site's constraints and potential.



Project Optimization

Optimize grading and pile design, increasing site efficiencies, cost savings, and minimizing environmental impacts.



Confident Decision-Making

Gather clear data and visualizations so you can make confident, data-driven decisions.

KIMLEY-HORN KNOWS SOLAR

4,000+ solar projects

80+ GW of solar and counting

#4 in Solar Power, ENR 2024

#5 Top 100 Pure Design Firms, ENR 2024

Kimley»»Horn



KEY FEATURES

- Optimizes grading constraints across solar sites
- Minimizes solar tracker foundation heights
- Quickly compares grading vs. pile height scenarios
- Analyzes thousands of pile points in minutes
- Solves for terrain following trackers
- Generates clear visualizations
- Feeds results directly into civil and structural site plans

PV Tune optimizes your solar site, maximizing efficiency and preserving your resources.

Leveraging PV Tune early on in the project life cycle can generate large financial savings on a project over time (earthwork, racking type, steel volume, schedule, and more).

Utilizing PV Tune into later project phases creates the most accurate design – precision down to the decimal – compared to competing solar consulting firms and solar analysis tools.

Partner with a Kimley-Horn professional to leverage PV Tune today!

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