

# SIFT

## (Solar Instant Feasibility Tool)



SIFT (Solar Instant Feasibility Tool) is a smart project optimization software used in early-stage development to identify the best system design and the right products for your solar projects. It crunches variables like weather and terrain, factors affecting module performance, as well as finance and revenue structures. SIFT puts a stop to the guessing games in the feasibility stage, eliminating assumptions, and helps decision-makers discover more value in each project. Gain confidence in your early-stage decisions, improve your IRR, and speed up the development cycle.



Increase your IRR and get more value from your projects

### Benefits

- Industry-leading, accurate performance modeling comparable to industry standard
- First and only solar optimization platform with complete LCOE and IRR models
- Run hundreds of layouts against conditions, performance goals, and financial scenarios
- Import data from USGS and Google for accurate topography & slope analysis
- Runs typically take less than 1 minute to complete

### Product Features

- Projects up to 1GW
- Explore ground fixed tilt & single axis tracker
- Run up to 500 GCR and DC:AC configurations at once
- Import modules and inverters from PAN, OND, or PVSyst
- Import/Export KMZ
- Export data direct to XLS and CAD
- Cloud architecture so no software to install

### What customers are saying

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SIFT has allowed us to efficiently develop preliminary layouts for our prospecting sites while analyzing the impact of DC/AC ratio and GCR on energy generation. This has significantly improved our process of layout optimization with respect to project NPV and IRR. The ability to download and share the project layout CAD file and kmz allows quick and easy collaboration with the other functions within our company.

**Rich Clark**

Vice President of Engineering,  
Lightsource BP

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SIFT is especially useful for site-prospecting purpose since it saves time and resource to work out the generated output based on the lots that we are interested in. The level of support from the Sunfig team is remarkable. Any bug/issue reported will be responded and resolved within a day.

**Ronaldi Soetano,**

Project Coordinator,  
South Energy Group