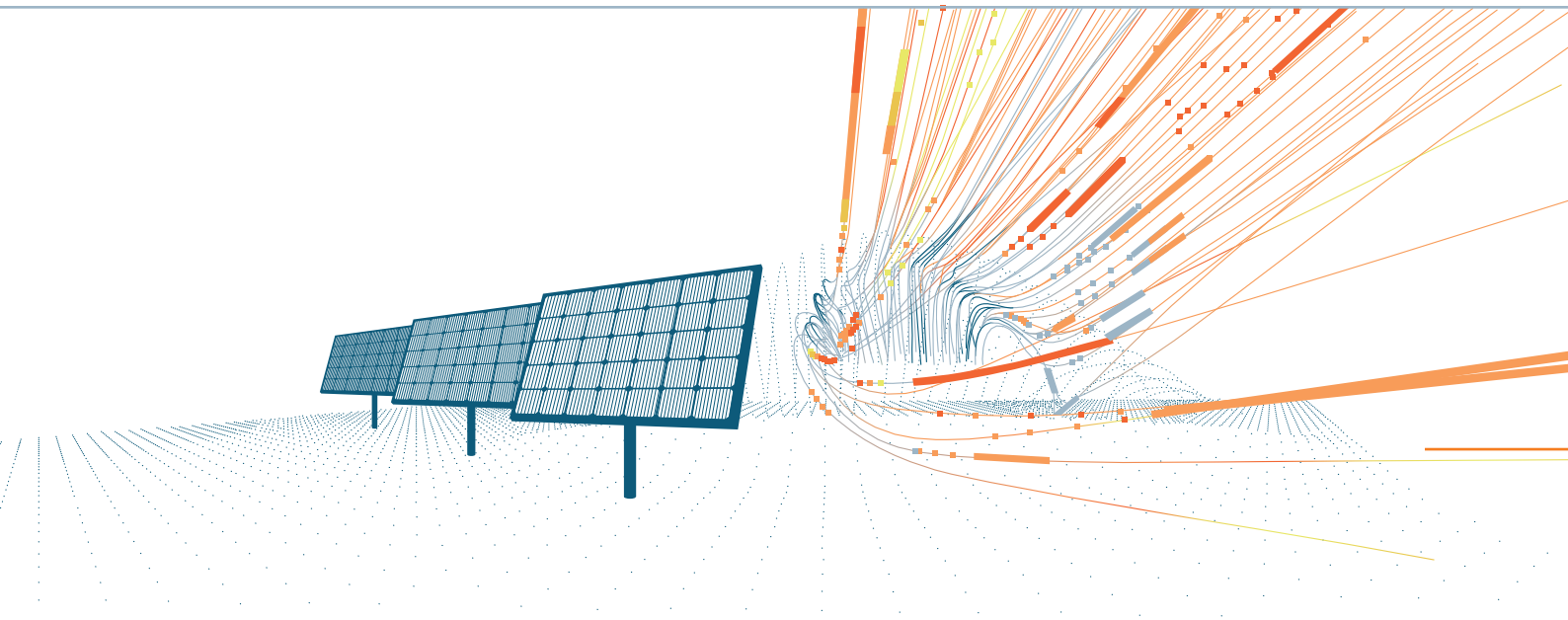


WIND

FOR THE SOLAR INDUSTRY

KNOWLEDGE



CONSULTING SERVICES



**OPTIMIZE
PARK
DESIGN**



**REDUCE
PROJECT
COST**



**REDUCE
INVESTMENT
RISK**

EXTREME WIND ASSESSMENTS

Optimize design, engineering, manufacturing and installation of solar systems for commercial and utility scale projects.

Extreme wind conditions are specified in national building codes which specify wind conditions for determining natural wind effects on structural designs. Wind conditions data are limited in developing countries and thus not specified in the national building code. The lack of this data increases risk in the solar industry as it is used to determine wind effects on solar panels and supporting structures.

In developed countries accurate local extreme wind conditions is an advantage as the national building code is often conservative

resulting in increased project CAPEX. The accurate classification of local wind conditions also reduces risks by identifying areas with high risk of wind damage to panels and structures.

WindSim provides accurate wind conditions for areas of interest by transferring regional reference wind conditions to the area of interest through WindSim's advanced computational fluid dynamics-based flow modelling software. These simulations take into account terrain effect such as roughness, elevation and structures to provide accurate basic extreme wind conditions and 3-second wind gust predictions.

Protect your solar project investments and contact your local WindSim office for more information today.



info@windsim.com | sales@windsim.com | consulting@windsim.com | www.windsim.com

windsim

Software | Consulting | Forecasting