

Photovoltaic Planning In India Benefits

From New Generation Solar Resource Data And Online Tools

Bratislava, Slovakia, 8 August 2011 – **GeoModel Solar, a leading international consultancy company in solar resource and PV energy assessment, has announced geographic expansion of its flagship online system SolarGIS to India. SolarGIS high-resolution solar resource database, interactive maps and PV simulation software will be introduced to the Indian solar community at the 5th Renewable Energy India 2011 Expo in New Delhi. SolarGIS follows standards that make solar power planning more accurate and cost effective, and thus reduces risk in decision making.**

SolarGIS pvPlanner brings a new experience to solar power plant developers as it allows accurate calculation of solar electricity for any location in India. The pvPlanner plays an important role in the selection of the most appropriate places for solar plant construction.

Thanks to an intuitive interface and easy site search via address or geographic coordinates, pvPlanner allows fast comparison of various sites and technology options. It helps to optimise choice of different types of modules, inverters and mounting strategies.

SolarGIS solar resource database is based on advanced numerical models and geoinformation infrastructure, and has been acknowledged by an independent survey as the best performing solar resource database in the market.

Authors of SolarGIS are well-known from their previous work on the PVGIS research project, which played an important role in the fast growing European solar energy industry in the last few years. The use of high-resolution data and tools based on the state-of-art scientific knowledge result in a lower uncertainty of solar electricity calculations in India - a region which is known by its complex climate and geography.

SolarGIS platform was first introduced in 2010 for Europe, Africa and Middle East, and it also consists of other applications: iMaps, climData, and pvSpot. Each of them focuses on different services for the solar industry. All SolarGIS applications are available online at <http://solargis.info>.

SolarGIS is developed and operated by the GeoModel Solar company, which also provides expert consultancy and bankable reports for planning, financing, and operation of solar energy systems in Europe, Africa, Asia and Brazil. The company is dedicated to establishing new standards in solar resource data assessment in terms of efficiency, accuracy and reduced uncertainty. For more info, visit <http://geomodelsolar.eu>.

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