

Solar Guidelines – A tool to encourage investment in Solar Energy Segment & enable Solar Project Implementation

Highlights

- Target audience – Ministry of New and Renewable Energy, Electricity Regulatory Commissions, State Nodal Agencies, Central Agency, Project Developers, State Distribution Utilities, Grid Operators, NVVNL, Financial Institutions, Commercial Players – Solar Industry, Project developers, Consulting Firms and Agencies, Banks and Financial Institutions, Solar Associations, NGOs, Educational Institutions etc.
- The tool facilitates proper information to the beneficiaries through an comprehensive online database, explaining the necessary administrative/legal formalities required by a prospective solar project developer

Context

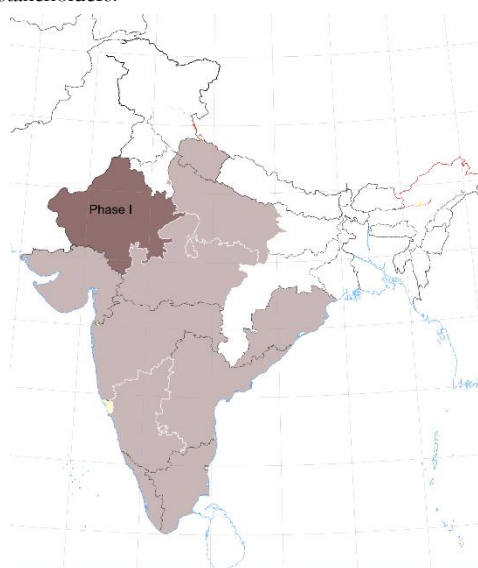
The Solar Guidelines is a 'Web based tool' aimed at providing access to the latest information with regular updates to the various stakeholders, located nationally as well as internationally. It is first of its kind project in India which envisages enabling investment and rapid development of the Solar Sector by facilitating dissemination of latest information on development of project(s), policy framework announced by the respective Governments', regulatory framework specified by the appropriate Electricity Regulatory Commission, Contractual Agreements (PPA/PSA), and details of approval and clearances required for timely commissioning and financial closure of solar installations etc.

Solar Guidelines aims at focusing on solar programmes announced at the national level as well as on solar programmes in Indian States. It focuses on explaining the pathway, for the development of solar project, through legal-administrative-regulatory frameworks to financial closure. It shall be providing latest information to stakeholders and policymakers, along with a systematic analysis of practical experiences of the stakeholders of solar industry, directly benefiting prospective stakeholders regarding future decisions in order to streamline the framework and business conditions.

The first phase of Solar Guidelines undertook a comprehensive research and consulted stakeholders, across the value chain, for solar power generation projects proposed to be implemented in the State of Rajasthan following schemes announced under

JNNSM as well as Rajasthan Solar Energy Policy, 2011.

The Ministry of New and Renewable Energy has entrusted Solar Energy Corporation of India to implement the second phase of 'Solar Guidelines' replicating the concept to at least 10 more union states of India and shall aims at including process requirements for grid connected as well as off-grid solar energy projects. During the second phase relevant information from States namely Andhra Pradesh, Karnataka, Kerala, Tamil Nadu, Odisha, Gujarat, Madhya Pradesh, Maharashtra, Delhi, Uttar Pradesh, Uttarakhand shall be put on the platform for the stakeholders.



Phase I & II of Solar Guidelines

GIZ's work

Internationally various countries are focusing on encouraging solar energy projects. India has also given clear vision for creating conducive environment encouraging deployment of solar energy facilities.

However, the necessity was to make the information related to the development of project easily accessible which assist in taking the business decision and hence the investment in the segment.

GIZ has supported Ministry of New and Renewable Energy in preparing the web based tool 'Solar Guidelines' to facilitate the developers with relevant step by step information on various aspects related to successful and timely implementation of the project. GIZ has roped the long-term experience of the developers gained in successful European solar markets and with similar tools and created a tool for Indian market providing more transparency to the stakeholders. The focus of the tool is creation of awareness for the Indian solar market to attract national and international investment capital. The tool shall provide crucial information for the different phases of project development, financing, operation and maintenance is available for stakeholders in a detailed and structured manner and aims at supporting timely implementation of the solar projects as well as support achieving the solar targets set by the Government of India.



Dr Farooq Abdullah, Minister New and Renewable Energy during launch of Solar Guidelines

Impacts

India has a huge potential for the development of solar energy projects and very less potential, 2.6 GW, is realised till recently (March 31, 2014), and therefore has limited experience in operation and maintenance of solar applications/facilities as well as limited exposure on deployment of solar capacities. It is expected that the projects under Central or State Level Policy scheme shall be developed by the involvement of both, experienced as well as less experienced project developers. Thus Solar Guidelines,

- shall facilitate relevant information to different stakeholders
- shall provide transparency and thus aim at creating investment in the Indian solar energy segment from national and international players
- shall facilitate in timely completion of the projects together with facilitating in meeting targets envisaged under Jawaharlal Nehru National Solar Mission
- shall create awareness for the Indian solar market in different set of stakeholders



A glimpse of the online web based tool - Solar Guidelines

Imprint

Published by
Commercialisation of Solar Energy in Urban and Industrial Areas (ComSolar)
Indo-German Energy programme (IGEN)
Deutsche Gesellschaft fuer International Zusammenarbeit (GIZ) GmbH
B 5/2, 1st Floor, Safdarjung Enclave, New Delhi 110 029
T +91 11 2671 5952
F +91 11 2616 6844
E comsolar@giz.de
I www.giz.de/en; www.comsolar.in