IEA-PVPS Workshop on Photovoltaic Performance and Reliability

PtJ, Berlin, Germany, September 25-26, 2008

Vision

As the market of PV grows locally and globally to significant levels, quality aspects of PV technologies become more and more important. Performance and reliability are key issues for PV system technology as well as for sustainable PV market developments and strategies. The growth of the PV market is triggered by different support schemes such as market incentives, feed-in-tariffs, direct subsidies and R&D support. As the economic performance clearly depends on the technical performance, cost reduction and grid parity can only be achieved if quality control is applied at all stages of photovoltaic deployment. Because the PV market is an international market, and manufacturers are producing their products world-wide, the quality issues have to be tackled by an international collaboration, whose work will be representative of important market sectors.

Objectives of Task 13 on Photovoltaic Performance and Reliability

This PVPS Task aims at providing a common platform where quality aspects are elaborated and exchanged among the various stakeholders, and disseminating this knowledge and understanding to the stakeholders and others. The international joint work will focus on **TECHNICAL FACTORS** such as the comparison of long-term behaviour of system and components, performance prediction, technical analysis and maintenance issues as well as on **ECONOMICS & INSTITUTIONAL FACTORS** such as the comparison of investment costs and cost per kilowatt-hour, analysis of maintenance costs of specific components and failure analysis and statistics.

Why Should You Attend?

The opportunity of a preparatory workshop on the new possible Task on “Photovoltaic Performance and Reliability” within the IEA PVPS Implementing Agreement is used to allow important experts and stakeholders to participate in the process. This is your chance to contribute to the decision making process of the future activities in this field. The workshop will address a number of questions for the planning of the future activities and aims at providing a draft Workplan for the international cooperation.

Location/Dates

PtJ - Office Berlin (Projektträger Jülich), Zimmerstraße 26-27, D-10969 Berlin, Germany
25th and 26th September 2008

Registration

Attendance to this workshop meeting is by invitation only. As the number of meeting participants is limited, you are kindly asked to register to the workshop organizers by email: (ch.huennekes@fz juelich.de) and (ulrike.jahn@de.tuv.com).

Dr. Christoph Hünnekes
Projektträger Jülich
Project Management Jülich
Geschäftsbereich Erneuerbare Energien (EEN)
Fachbereichsleiter Solarenergie
Forschungszentrum Jülich GmbH
D-52425 Jülich
Germany

Ulrike Jahn
TÜV Rheinland Immissionsschutz und
Energiesysteme GmbH
Renewable Energies
TÜV Rheinland Group
Am Grauen Stein
D-51105 Köln
Germany