IMPLEMENTING AGREEMENT ON PHOTOVOLTAIC POWER SYSTEMS TASK 13: PERFORMANCE AND RELIABILITY OF PV SYSTEMS





IEA PVPS Task 13 Workshop at 28th EU PVSEC Paris, France

"Analysis of PV System Performance"

Day: Monday, 30 September, 2013

Time: 14:00 – 18:00 Site: To be announced

Access: Open to all registered participants of the 28th EU PVSEC

Programme Outline

14:00-14:15

Introduction to the PVPS Task 13

Ulrike Jahn, TÜV Rheinland, Cologne, Germany

14:15-14:30:

The "stamp-collection" plotting approach: What monitoring data do we actually have?

Nils Reich, Fraunhofer ISE, Freiburg, Germany

14:30-15:00

From "stamps" to user guidelines: Case studies on how-to assess PV performance

Achim Woyte, 3E, Brussels, Belgium

15:00-15:30

Basic principles for designing PV plant monitoring systems

Stefan Mau, GL Garrad Hassan, Spain

15:30-16:00

Networking break

16:00-16:30

The PV performance modeling initiative

Joshua Stein, SANDIA National Labs, USA

16:30-16:50

Diagnosing System Issues in Real Time

Mike Green, M.G. Lightning Electrical Engineering, Israel

16:50-17:10

Outdoor temperature coefficients: quantifying effects to allow comparison with indoor data

David Moser, EURAC Institute for Renewable Energy, Italy

17:10-17:30

Gathering PV performance data worldwide: The current state-of-the-art

Thomas Nordmann, TNC Consulting AG, Switzerland

17:30-18:00

Final discussion and workshop conclusion

Task 13: Ulrike Jahn & Cathy Zhou

• Email: cathy.zhou@de.tuv.com