



## IMPLEMENTING AGREEMENT ON PHOTOVOLTAIC POWER SYSTEMS

Task 14 – High Penetration PV in Electricity Grids

### IEA PVPS Task 14 5<sup>th</sup> Experts Meeting & High Penetration PV Workshop

#### **Task 14 Workshop - Tuesday, May 8, 10:00 – 16:30 (public)**

Location: SMA Solar Technology AG, Sonnenallee 1, 34266 Niestetal, Germany

<http://www.sma.de/en/contact/how-to-find-us.html>

#### **Opening and welcome**

10:00 Welcome speech Dr. Bernhard Ernst, SMA Technology AG  
Dr. Martin Braun, Fraunhofer IWES

#### **First Panel**

10:10 „E-Energy“ - Ludwig Karg, B.A.U.M. Consult GmbH  
10:30 „PV Power Prediction in Germany“ - Dr. Elke Lorenz, University of Oldenburg  
11:00 „Distribution Grid Integration of PV in Germany – New Challenges for DSO“ -  
Johannes Brantl, E.ON Bavaria AG  
11:30 „System Compliance of Renewable Energies – New Challenges for TSO“ -  
Dr. Christian Schulz, TenneT  
12:00 „PV Inverter Technology Review – How smart PV Systems can Improve the Hosting  
Capacity of Distribution Grids“ – Daniel Premm, SMA Technology AG

#### **12:30 Lunch – hosted by SMA Solar Technology AG**

#### **Second Panel**

14:00 Country Report USA - Benjamin Kroposki, National Renewable Energy Lab  
14:30 Country Report Japan - Prof. Kazuhiko Ogimoto, University of Tokyo  
15:00 Country Report China - Wang Yibo, Chinese Academy of Science  
15:30 Open Discussion  
16:00 Closing of the workshop

#### **16:00 Factory Tour SMA Solar Technology AG (Registration required)**

#### **18:00 Dinner – hosted by SMA Solar Technology AG**