1ˢᵗ European Performance Plus Workshop
Wednesday, 19ᵗʰ November 2014
Brussels, Belgium

Join us to explore how new models and tools can improve the performance of PV systems

Venue : De Markten (Spiegelzaal) - Oude Graanmarkt 5, 1000 - Brussels

Performance Plus

Performance Plus is a project focusing on reliable, cost-effective and highly performing Photovoltaic systems.

The project aims at developing and demonstrating models and tools for monitoring, control and testing of PV systems, focusing on the system as a whole rather than the separate components only. The developed tools will serve to optimize and enhance the performance, reliability and lifetime of commercial PV systems beyond the state of the art. Means for a better integration of PV-generated electricity into the power system shall be provided by methods for short-term forecasting, integrated energy management and storage control, PV system monitoring and control.

Who is Performance Plus?

Performance Plus is the result of international collaboration between the market, the industry and high level research. The seven partners in Performance Plus are:

A user group - composed of large portfolio owners and strong EPC and O&M contractors support the consortium and provide valuable validation and input on results. The six members of the Users Group of Performance Plus are:

AGENDA

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Time	Topic	Speaker
10:00 – 10:15	Welcome and introduction	Mauricio Richter (3E sa/nv)
10:15 – 10:35	Error detection in multi-MW parks	Gerhard Mütter (CEE)
10:35 – 10:55	Meteorological modeling: Short-term forecasting and nowcasting of solar irradiance	John Kalisch (Univ. Of Oldenburg)
10:55 – 11:15	Accurate optical-thermal-electrical modelling of PV modules	Hans Goverde (IMEC)
11:15 – 11:35	Thermal storage and energy management	Mats Vande Cavey (KU Leuven)
11:35 – 12:00	Panel: How can these models bring value to PV?	Moderator: Achim Woyte (3E sa/nv)
12:00 – 13:30	Lunch break	
13:30 – 13:50	What do we really need from an EPC and O&M point of view?	Robin van den Dungen (Oskomera Solar Power Solutions)
13:50 – 14:10	Monitoring intelligence: PV System Health Scan	Karel De Brabandere (3E sa/nv)
14:10 – 14:30	Single fixed sensor able to measure both, the DNI and the diffuse solar radiation	Alessandro Rossi (Alitec SRL)
14:30 – 14:50	Coffee break	
14:50 – 15:10	Tools for laboratory and field testing	Gianluca Corbellini (SUPSI)
15:10 – 15:30	Tools for inverter testing	Zoran Miletic (AIT)
15:30 – 15:50	Panel: How can these tools bring value to PV?	Moderator: Ioannis-Thomas Theologitis (EPIA)
15:50 – 16:00	Workshop round-up	Mauricio Richter (3E sa/nv)
16:00 – 18:00	Networking reception	

Event Organized by:

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