

European Workshop Enabling PV integration by delivering flexibility to the energy market

*RAI Convention & Exhibition Centre, room G104 (1st floor)
Amsterdam, The Netherlands, 26th September 2017*

The variable nature of some renewable sources, like solar energy, imposes extra requirements and costs for their integration in power systems and markets. The flexibility of large electricity users and the aggregation of smaller users of distributed generation resources can facilitate the integration of variable renewable energy, while reducing the overall power system costs.

This workshop offers a unique opportunity to find more about how this works in practice, what are the potential power system savings and how can you benefit from participating in this market.

The discussion will be based on the outcomes of two H2020 projects: BestRES, which deals with aggregation of renewable energy sources, and IndustRE, which deals with flexibility in the electricity demand of large industries.



Agenda

Moderators: Silvia Caneva & Michael Papapetrou

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| 09:00 - 09:10 | Arrival & welcome | |
| Session I: Business models providing flexibility to the energy market | | |
| 09:10 - 09:20 | Introduction to the workshop | Silvia Caneva & Michael Papapetrou, WIP Renewable Energies |
| 09:20 - 09:35 | Business models for the aggregation of PV electricity | Georg A. Lettner, TUW |
| 09:35 - 09:50 | Business models for large industrial electricity users and necessary policy improvements | Pablo Frias, COMILLAS |
| 09:50 - 10:00 | Q&A | |
| 10:00 - 10:30 | Coffee break | |
| Session II: Practical experience and potential savings | | |
| 10:30 - 10:45 | Savings from being flexible: (a) for the power system and (b) for industrial electricity users | Dimitrios Papadaskalopoulos, Imperial College London |
| 10:45 - 11:00 | Assessment of the economics of and barriers for implementation of improved aggregator BMs | Ruben Verhaegen, 3E |
| 11:00 - 11:10 | Q&A | |
| Panel discussion (Moderator: Michael Papapetrou, WIP Renewable Energies) | | |
| 11:10 - 11:50 | <ul style="list-style-type: none"> • Maximilian Kloess, oekostrom • Michael Schmela, SolarPower Europe • Dimitrios Papadaskalopoulos, Imperial College London • Pablo Frias, COMILLAS • Paul Kreutzkamp, Next Kraftwerke Belgium | |
| 11:50 - 12:00 | Wrap-up & conclusion | |



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