

Invitation to a Danish-German PE:Region internal workshop:

INTELLIGENT GRID INTEGRATION OF WIND AND SUN

Increased generation of renewable energy provides significant contribution for innovation and business opportunities within power electronic systems. Based on worldwide discussions on climate changes the insular availability of renewable energy enhances creative ideas for distribution networks, as well as for technologies in power electronics, what makes it available.

However, electrification of these applications requires the highest possible conversion efficiency, which is a strong parameter for competitiveness, since it reduces system size and costs while increasing system reliability.

On this background the PE:Region project conducts applied research in order to develop a demonstrator for an intelligent grid integration of wind and sun. In order to start work with the three aimed demonstrators, an internal PE:Region workshop is realized for project financial partners as well as industrial network partners connected to the demonstrator activities. The focus is to define details on required technical development activities, and to define the organization of the work.

PROGRAM

Plenum session for all demonstrators:

1. Welcome, presentation of participants, and lunch
[Marco Liserre, CAU]
2. Overview of PE:Region project and demonstrator development work
[Gustav Nebel, Sønderborg Vækstråd]

Parallel session on specific demonstrators:

3. Technical goals and tasks in the development of intelligent grid integration of wind and sun
[Introduction by Marco Liserre, TF CAU followed by discussion and decisions]
4. Specification of follow up activities in demonstrator for intelligent grid integration of wind and sun
[Introduction by Marco Liserre, TF CAU followed by discussion and decisions]
5. Conclusions and plan for coming activities
[Final conclusions and decisions on time plan for coming activities]

TIME AND PLACE

22 November 2016
12:00 – 15:30
TF-CAU – “Aquarium”
(KS2/Geb D)
Kaiser Str. 2
DE-24143 Kiel

REGISTRATION

Participation is free of charge but registration before 16 November:

- German participants:
info and registration to
Joachim Bergmann,
+49 431 66 66 6-8 32,
jbergmann@wtsh.de
- Danish participants:
info and registration to
Gustav Nebel,
+45 3055 3165,
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- The workshop is organized by the PE:Region project partners:

