

# *EPE Newsletter January 2007*

## **1. Join EPE/ECPE European Workshop "Energy Efficiency in FP7? The Role of Power Electronics":**

Wednesday, 7 February 2007 in Brussels (in the permanent representation of Bavaria, Brussels)

One key topic in society, on the European level and globally, is energy saving and improved energy efficiency. The role of power electronics for energy efficiency will be highlighted in a European Workshop organised by ECPE European Center for Power Electronics in cooperation with EPE Association. The objectives are to:

- demonstrate the energy saving potential of power electronics e.g. in lighting, drives, stand-by mode
- highlight the topics in FP7 where power electronics can be demonstrated to improve energy efficiency
- explore where R&D needs to be carried out in power electronics to improve energy efficiency giving examples, and a vision of what could be achieved in the future
- demonstrate the important link between improved power electronics and energy saving,
- preparation of concrete research proposals: consortia and topics

### **Information:**

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### **More information and registration form in attached pdf file**

## **2. European Seminar on "Power Converters for the Future European Electricity Network": Vienna, Austria, 25 May 2007**

On Friday 25 May 2007, the day after closing of CIRED 2007 Conference, EPE Association organizes a half-day seminar on the topic "**Power Converters for the Future European Electricity Network**". Invited lectures from representatives of the European programmes Dispower, Fenix and UNIFLEX-PM will be presented and will lead to a workshop/panel discussion.

### **Provisional programme:**

8h30 Registration of the participants

9h00 Welcome address and introduction to the workshop programme by Roger Bassett, coordinator of the UNIFLEX project and Chapter Chair of EPE Association

9h15 Advanced Power Converter for Universal and Flexible Power Management in Future Electricity Network, Jon Clare, University of Nottingham, United Kingdom

9h35 Presentation from a distribution company regarding the requirements for the integration of the distributed resources e.g. connection of German Wind Farms

9h55 Presentation of the FENIX project, Dipl.-Ing. Anton Heher, Senior Expert, Project Manager, Decentralized Energy Management, SIEMENS AG Austria

10h15 Pause café / Koffiepauze

10h45 Inverter Dominated Grids - grid compatible inverter control, Dr. Alfred Engler, ISET e.V., Germany

11h05 Round-table discussion on a perspective of the future taking into account how grid systems are expected to change from an operator point of view (Chaired by Tim Green?).

12h05 Conclusions

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