

EVENT DESCRIPTION

RES-e Regions, WP 2

Title: Problems for the net with grid connection from decentralized electricity producers

Date & location: 27th of July 2005 at IZES premises in Saarbrücken, Saarland, Germany

Organiser: IZES gGmbH

Partners: university and utilities

Number of Participants: 12

Short description: IZES organised a workshop with the utilities to evaluate and stipulate better conditions for grid connection for RES-e plants. As planners didn't criticised the conditions the utilities were approached to early check potential provisos.

Background: Grid connection was very good regulated through the novella of the Energy Source Act (EEG) in 2004. Nevertheless the utilities often spoke of problems with the grid stability as there was too much unexpected, insecure green electricity production stressing the net.

Aim & programme: IZES wanted to speak in a confidential atmosphere with the regional utilities to check where these problems exist and how they could be solved without reducing the boom of RES-e implementation. The programme consisted of the following elements:

1. Welcome address and check of the special wishes of the participants
2. Basic presentation of questions and solutions for decentralised feed-in of green electricity by Prof Igel from the university
3. First Comment round of the participants
4. Economical constraints of decentralised grid connection through Prof. Leprich from the university
5. Presentation of first results from the IEE project RES-e by Mr Saccà from IZES
6. General Discussion and further approaches

Results, follow-up: The participants confirmed the results of the steering group of IZES: in principle there are no problematic cases for the utilities in Saarland. The utilities had already developed since the 90s different control mechanisms to prevent the net from instability to increased green electricity production. Of course Saarland was profiting from their less windy conditions than in Northern Germany. But also the control preparations proofed their abilities. The participants only expected in a few years some problems in single street line cases. But they were also starting preparations to prevent these bottlenecks. So in general there are no grid problems in the region. This positive result was verified by a serious of other project developers in the following months until the end of the RES-e project.