

VGB Workshop

4th ETC Generation and Technology Impact of Grid Management on Power Plant Operation

15 October 2008
at RWE, Koeln/Germany



VGB
POWERTECH
www.vgb.org

Organisational Remarks

Location

The Workshop takes place at RWE Power AG, Stuettgengeweg 2, D-50935 Koeln *.

Date and time

The workshop starts at 10.00 and ends at approx. 16.00 on 15 October 2008 in Room E22.

Viewing of the Grid Control Centre of RWE

On 14 October 2008, 15.00 will take place a viewing of the Grid Control Centre of RWE Transportnetz Strom, Von-Werth-StraÙe 274, 50259 Pulheim *.

Registration

Please fill in the attached registration form. The registration is binding and will be confirmed after receipt. The number of participants is limited to 30 persons. Please send your registration form to:

VGB PowerTech, Barbara Bochynski, Postbox 103932, D-45039 Essen, Fax: +49(0)201-8128-321 or
e-mail: barbara.bochynski@vgb.org.

Terms

The participation to the workshop is only for ordinary members of VGB and is free of charge. The workshop language is English. After the Workshop the presentations can be downloaded on the website of VGB.

Please send us your registration until 01 October 2008 at the latest.

Hotel reservation

For an accommodation you may book a room at:

Mercure Hotel Koeln Junkersdorf am Stadion,
Aachener StraÙe 1059-1061,
D-50858 Kln *
Phone: +49-(0)221 4898-0
E-Mail: h5365@accor.com
Price: 89 EUR bed and buffet

Please book the rooms until 14 September 2008 room block code: VGB

* **Travel information to all locations**
http://www.vgb.org/en/vgb_events.html

**Registration for the Workshop „Impact of Grid Management on Power Plant Operation“ on 15October 2008
in Koeln/Germany, RWE**

Please return your registration until 01 October 2008

Surname:

First name:

Title / Function:

Company:

Phone:

Email:

Postal address:

I will take part in the Grid Control Centre viewing on 14 October 2008

(begin: 15.00)

I will attend the dinner at the dinner Mercure Hotel Koeln on 14 October 2008

I will participate in the workshop “Impact ...” on 15 October 2008

Date:

Signature and stamp:

VGB Workshop

4th ETC Generation and Technology Workshop

„Impact of Grid Management on Power Plant Operation”

Decades of close co-operation both among power plant- and grid operators and among the load distributors of the various interconnected electricity suppliers has been considerably cut by the introduction of the deregulated energy industry.

The generally existing power grids have been designed on the basis of a central supply by large-scale power plants, which induct on a high and extra high voltage level. Distributed generation plants, which also induct on lower levels (low and medium voltage) are responsible that the once unidirectional flow of energy has become bidirectional. With increasing density of distributed generation causes fundamental questions arise concerning management, capacity planning, stability, protective strategies and most of all the guarantee of distribution quality and security.

Besides the established electricity markets, power plant operators have nowadays the chance to market their generation capacities at reserve markets. In addition to day-ahead markets, i.e. the spot market for electrical energy and the market for minute reserve, power plant operators have the opportunity to participate in intraday markets, which become more and more significant.

These questions have caused consequences in power plant operation, which not occurred in the past. The workshop is an opportunity to discuss the above issues between grid and power plant operators.

Supporting Program

	14 October 2008 RWE Transportnetz Strom, 50259 Pulheim *
15.00	Viewing of the Grid Control Centre of RWE <i>Andreas Weckwerth, RWE Transportnetz Strom, Germany</i>
19.30	Dinner Mercure Hotel Koeln-Junkersdorf *

Program

(Subject to changes)

	15 October 2008 RWE Power AG, 50935 Koeln *
	Chairman <i>Geert de Cnudde, Electrabel, Belgium</i>
10.00	Introduction <i>Franz Bauer, VGB, Germany</i>
10.10	Actual and Future Generation Portfolio <i>Gwyn Dolben, AEP, United Kingdom</i>
10.40	Grid Requirements to Power Plants for a Secure Grid and Generating Unit Operation – Part I <i>Ralph Pfeiffer, RWE TSO Strom, Germany</i>
11.10	Grid Requirements to Power Plants for a Secure Grid and Generating Unit Operation – Part II <i>Martin Lösing, RWE TSO Strom, Germany</i>
11.40	Experiences with UK Grid Code <i>Claire Maxim, E.ON UK, United Kingdom</i>
12.10	Lunch
13.00	Increasing Wind Power – Technical Requirements to Generators <i>Harald Weber, Uni Rostock, Germany</i>
13.30	Intermediate Results of the European Wind Integration Study – Phase II <i>Dennis Klaar, TenneT, Netherland</i>
14.00	Coffee Break
14.20	Monitoring of Power System Operation <i>Walter Sattinger, swissgrid, Switzerland</i>
14.50	Electricity Stock Exchange - Consequences and Requirements to Generators <i>Tobias Weißbach, Uni Stuttgart, Germany</i>
15.20	Final Discussion

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