



Energie. Wasser. Leben.

IEM transparency: fundamental data, rules and tools

Perspectives based on the experience of the German
Transparency Initiative

Entso-E/ ERGEG Workshop
Brussels,
June 1, 2010

Principles of Pan-European Transparency

- Strengthen the public's and the market participants' confidence in the functioning of the markets
 - Transparency and verifiability of market price setting
 - Monitoring of market activities
 - Maintenance of fairness and observance of the principle of equal opportunities
- Ensure proper functioning of the energy trading market
- Accelerate the progress of European market development and integration
 - Increase the attractiveness to new market entrants
 - Strengthen liquidity in all energy trading markets

Key Issues for a Transparency Framework

Harmonisation of transparency rules is highly desirable

- **Transmission data:** One platform can be a solution
- **Generation data:** Existing regional achievements should be expanded
- Specifications: Have to be taken into consideration, e.g.:
 - transparency requirements of the Congestion Management Guidelines
 - the Report on Transparency for the Energy Regional Initiatives
- Transparency requirements for generation have already been implemented
 - e.g. in Germany the achieved standard is already high and
 - goes beyond existing legal obligations
- Harmonization does not stop with establishing one set of rules
 - Technical specifications and implementation are complex and time consuming
- Any target model must build on existing solutions to avoid stranded investments

Our Vision for Generation Data: A Regional Platform close to the needs of the market

European harmonisation achieved by regional platforms

- Publication of generation data on transparency platforms run by power exchanges*:
 - are established practise
 - are widely acknowledged as a helpful tool and
 - are accepted by regulators.
- They are close to the needs of their regional markets
- For generation data, target models should build on existing tools for any Pan-European solution
- Increasing coverage quickly can only be achieved by building on existing platforms
- The German Transparency Initiative has been designed to integrate further markets (Austrian players are using the platform for voluntary publications)
- The existing Transparency Initiative could facilitate regional harmonisation

* Source: Report on Transparency for the Northern Region

Situation in Germany: „Transparency in Energy Markets“

EEX
EUROPEAN ENERGY EXCHANGE

TRANSPARENCY IN ENERGY MARKETS

Information	Statutory Publication Requirements of the Transmission System Operators	Voluntary Commitment of the Market Participants
Reporting Companies Motivation News Glossary Information Products Registration	Power generation Installed generating units ≥ 100 MW Installed generating units < 100 MW Planned non-usability of generating units of ≥ 100 MW Unscheduled non-usabilities of generating units of ≥ 100 MW Planned production by generating units of ≥ 100 MW Expected wind power generation Expected solar power generation Actual production of generating units of ≥ 100 MW Actual wind power generation Actual solar power generation Power consumption Scheduled non-usabilities of power consuming plants Unscheduled non-usabilities of power consuming plants	Power generation Actual production Available and installed capacity Actual production by generating units of ≥ 100 MW

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search term

Degree of coverage 75.95% ¹

News

2010/05/18 Maintenance window dispatcher: Due to a maintenance window of one of the dispatchers between 2010/05/18 04:30pm (CET) until 9:00pm ... [read more »](#)

2009/12/21 Dear Sir or Madam, The web site www.transparency.eex.com for generation data in the power segment has been available for the public... [read more »](#)

2010/05/21 09:15 am
From 2010/04/23 09:21 am until 2010/05/22 06:00 am are 128.0 MW (Lignite) in Germany unplanned not usable.

2010/05/20 03:15 pm
From 2010/05/20 04:30 am until 2010/05/22 12:00 pm are 112.0 MW (Gas) in Germany unplanned not usable.

2010/05/18 07:40 pm
From 2010/05/18 12:00 am until 2010/05/22 12:00 am are 100.0 MW (Coal) in Germany unplanned not usable.

2010/05/20 03:15 pm
From 2010/05/19 01:19 pm until 2010/05/22 12:00 pm are 600.0 MW (Coal) in Germany unplanned not usable.

2010/05/20 10:15 am
From 2010/05/20 03:20 am until 2010/05/21 10:00 pm are 355.0 MW (Gas) in Germany unplanned not usable.

2010/05/05 05:40 pm
From 2010/04/01 12:00 am until 2011/01/01 12:00 am are 280.0 MW (Pumped storage) in Germany unplanned not usable.

[Show all messages »](#)

With the publication of generation and consumption data on this transparency platform, the four German transmission system operators, Amprion GmbH, EnBW Transportnetze AG, transpower stromübertragungs gmbh and 50Hertz Transmission GmbH, comply with part of the publication requirements arising under the EU directive no. 1228/2003 and its annex – the Congestion Management Guidelines (CMG).

amprion **EnBW**
transpower **50HERTZ**

Reporting Power Plants

The screenshot shows the EEX Transparency in Energy Markets website. At the top, there are logos for EEX (European Energy Exchange), amprion, EnBW, transpower, and 50HzRTZ. Below the logos is the text "TRANSPARENCY IN ENERGY MARKETS".

The main content area is divided into three tabs: "Information", "Statutory Publication Requirements of the Transmission System Operators", and "Voluntary Commitment of the Market Participants". The "Information" tab is selected.

Below the tabs is a navigation bar with "English" and links for "Sitemap", "Kontakt", "Impressum", and "Disclaimer".

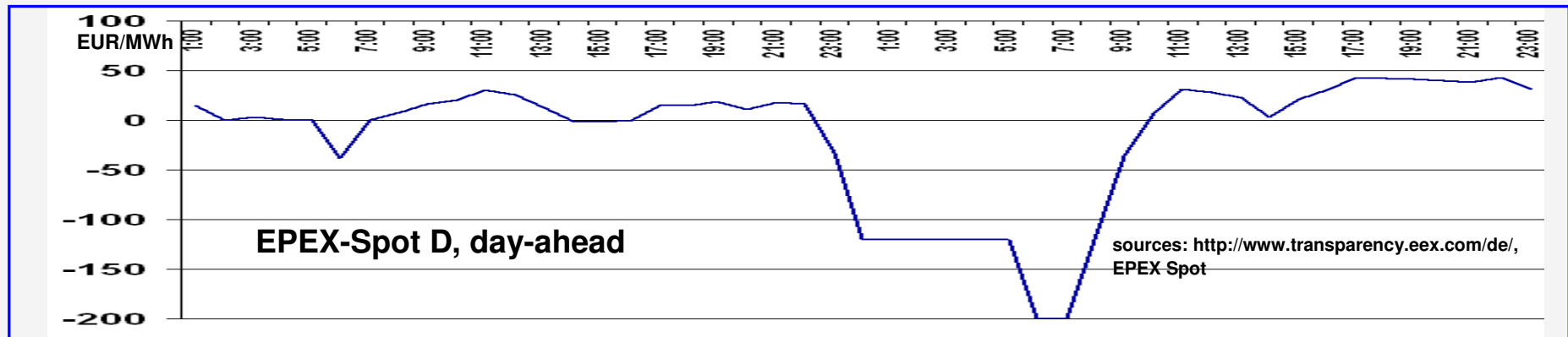
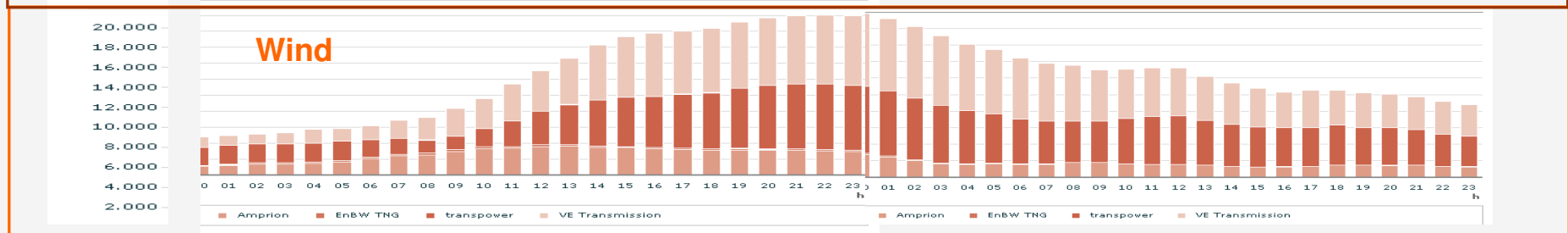
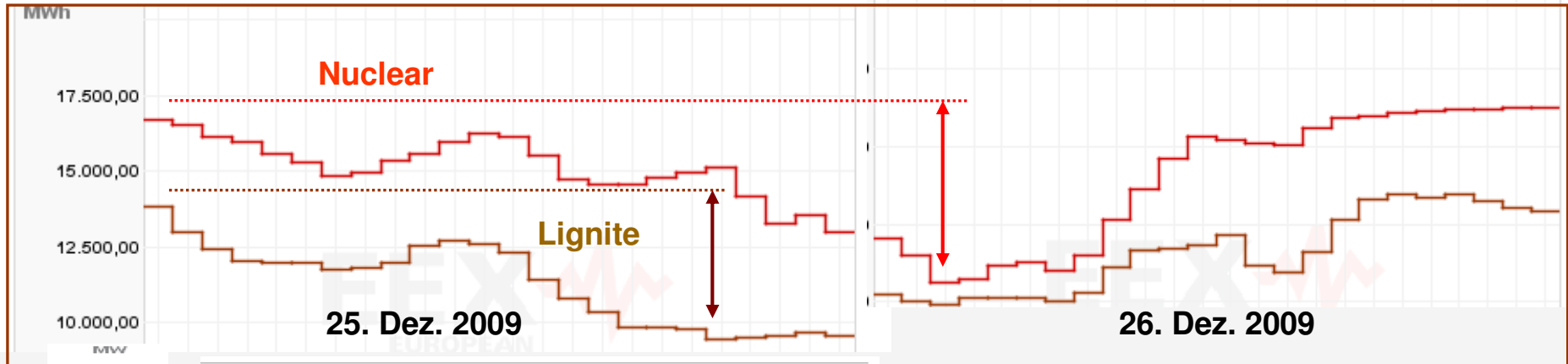
The central part of the page features a map of Europe with red circles indicating power plant locations. The map includes a search bar and a "Views" section with a grid icon and a map icon. The "Views" section has several filter categories:

- Generation from:**
 - Coal
 - Gas
 - Lignite
 - Oil
 - Others
 - Pumped storage
 - Run-of-the-river
 - Seasonal storage
 - Uranium
- Balance areas:**
 - 50Hertz
 - Amprion
 - Austrian Power Grid
 - EnBW TNG
 - transpower
- State:**
 - Austria
 - Germany
- Predominantly for free marketing:**
 - All (dropdown menu)

At the bottom of the filter sidebar, there is a note: "* Further details regarding marketing can be found in the [Glossary](#)."

Below the map, there is a legend: a red circle with a white center represents a "consumer", and a solid red circle represents a "producer".

Transparency: close to the needs of the market



Successful record of the transparency platform six months after establishment

- Facts & Figures
 - 2 years of preparations (start: October 2009)
 - 13 reporting companies = 76 % degree of coverage
 - 14 more companies in the pipeline
 - approx. 2,800 different visitors per month
- German Federal Ministry of Economics and Federal Network Agency have supported the German Transparency Initiative and approved the result
- BDEW and VKU strongly support a transparency platform which is close to the market
- The German Transparency Initiative has been a successful implementation of a very complex regional solution for generation data
- We are open to discuss our experiences to expand it towards a Pan-European Tool

Further Information

<http://www.transparency.eex.com/en/>

- The platform is the result of close co-operation between EEX, TSOs, power plant operators and the associations BDEW, VKU and VIK
- The platform implements the statutory publication requirements in the field of generation: EU directive no. 1228/2003 and its annex – the Congestion Management Guidelines (CMG); “Report on Transparency” which was prepared under the aegis of the German Federal Network Agency for the Northern European region
- It connects this data with the existing voluntary commitment for publication of the power plant operators