

TRANSPARENCY

IN ENERGY MARKETS

www.transparency.eex.com

THE NEW, CENTRAL PLATFORM
FOR ENERGY MARKET DATA



„Transparency in Energy Markets“

“Transparency in Energy Markets” is the name of the new, central and neutral platform for energy market data which is used to fulfil statutory/regulatory transparency requirements and to publish information in the context of voluntary commitments by the market participants. This platform further improves the comprehensibility of pricing and promotes a level playing field for all market participants. This, in turn, strengthens overall confidence in the power market and promotes the development and integration of a European market. The “Report on Transparency on the Northern Region”, which was prepared under the aegis of the German Federal Network Agency, describes the need for transparency as follows:

“By creating a level playing field for the relevant parties, transparency is a precondition for efficient functioning of the competitive market.”

EEX is fully committed to this concept and, for this reason, it is very active in the field of the provision of generation and consumption data in addition to the continuous expansion of its own transparency as regards the exchange. For example, information on power plants has been published at a central and neutral location on the EEX website since April 2006. In total 26 companies from Germany and Austria have joined this initiative. The platform has established a solid position for itself on the market. The high number of hits and the high rate of response on the market and in the media testify to the success of the platform.

At the end of 2007 EEX took the initiative in order to implement a new transparency platform on which the statutory publication requirements and the publication practice established on the old platform are integrated. The result – “Transparency in Energy Markets” – was made available to the public at www.transparency.eex.com on 30 October 2009 and, hence, replaces the old EEX transparency platform.

In addition to the improved user friendliness, the range of information provided on the new platform overall has been expanded. Updating is effected much faster – partly in the course of the day. The offer is rounded off by information products, such as an automated download. The platform is designed so that it can be extended to further countries and expanded with additional data from the energy industry.

“Transparency in Energy Markets” is the result of the intensive co-operation between EEX, the four German transmission system operators, Amprion GmbH, EnBW Transportnetze AG, 50Hertz Transmission GmbH and transpower stromübertragungs gmbh, individual power plant operators and the following associations: BDEW [German Association of Energy and Water Industries], VIK [Association of the Industrial Energy and Power Industry] and VKU [Association of Local Utilities], in conjunction with the Federal Ministry of Economics and the Federal Network Agency. The platform is run jointly by EEX and the transmission system operators with the exchange assuming responsibility for the operation of the platform and its financing. In addition to support for the reporting companies and users, the operation of the platform includes, in particular, plausibility checking, anonymisation, aggregation and publication of the data reported.

All potential reporting companies, generating companies and consumers are invited to help make the platform a success in Europe through their reports.

Generation and Consumption Data

The generation and consumption data comprise both data provided under the “Statutory publication requirements of the transmission system operators” and data provided under the “Voluntary commitments of the market participants”.

Statutory Publication Requirements of the Transmission System Operators:	Voluntary Commitment of the Market Participants:
<p>These publications are based on the “Congestion Management Guidelines” (annex to the “EC Directive No. 1228/2003”) and section 4.3 of the “Report on Transparency” which was prepared under the aegis of the German Federal Network Agency for the Northern European region. The scope and form of the data was co-ordinated with the following associations – BDEW [German Association of Energy and Water Industries], VIK [German Association of the Energy and Power Supply Industry] and VKU [German Association of Local Utilities] and the Federal Network Agency within the framework of the transparency initiative of the German Federal Ministry of Economics (BMWi) and laid down in the list regarding the “Publication requirements on a central data plat-form in order to establish transparency in elec-tricity wholesale – Specification of 22 April 2009” (so-called “BMWi List”).</p>	<p>This data was also published on the current EEX transparency platform for generation data. This means that the tried and tested structures of the current transparency platform are continued.</p>

Statutory Publication Requirements of the Transmission System Operators

Power generation	
Installed generating units ≥ 100 MW	
Ex-ante information on the installed generation capacity and forecasts regarding the maximum available energy of power generating units with a net nominal output of ≥ 100 MW	This data is updated by the power plant operators once they have the changed information – usually in the course of the year; however, at the latest by 16 th November of every year. At that time, the information regarding the third following year is also published for the first time. The installed capacities shown refer to the deadline of 1 st January of the relevant year. The maximum available energy is established with the help of the prescribed calculation rules.
Installed generating units < 100 MW	
Ex-ante information on the total installed generating capacity of all generating units with a net nominal output of ≥ 1 MW and < 100 MW	The data for the following year is published on 16 th November at the latest and only takes account of existing plants. Updating is possible during the year.
Planned non-usability of generating units of ≥ 100 MW	
Ex-ante information on scheduled non-usabilities of generating units with a net nominal output of ≥ 100 MW	Messages regarding planned non-usabilities are published immediately.
Unscheduled non-usabilities of generating units of ≥ 100 MW	
Ex-post information regarding unscheduled non-usabilities of generating units with a net nominal output of ≥ 100 MW	In as far as the non-usable output is not reported by the power plant operator in the framework of the reported non-usabilities, it has to be classified as unscheduled. The unscheduled non-usabilities are published with a maximum delay of four hours.
Planned production by generating units of ≥ 100 MW	
Aggregated ex-ante information on the planned generation in the respective country	The forecast for the next day is published daily at 6:00 pm.
Expected wind power generation	
Aggregated ex-ante information regarding the expected generation from wind energy	The forecast for the next day by the transmission system operator is published daily at 6:00 pm.
Expected solar power generation	
Aggregated ex-ante information regarding the expected generation from solar energy	At the moment, information on the expected generation from solar energy does not yet have to be furnished since the required threshold values have not yet been reached.
Actual production of generating units of ≥ 100 MW	
Aggregated ex-post information regarding the actual production	Information is published on an hourly basis with a maximum time lag of two hours. A subsequent correction of the values transmitted is possible, in particular, in order to improve data quality.

Actual wind power generation

Aggregated ex-post information regarding the actual wind power generation

The transmission system operators determine the wind power output fed in for their balancing area by means of an extrapolation based on reference sites (wind parks) measured online. The information is published on an hourly basis with a time lag of, at maximum, two hours. A subsequent correction of the values transmitted is possible, in particular, in order to improve data quality.

Actual solar power generation

Aggregated ex-post information regarding the actual solar power generation

At the moment, information on the actual generation from solar energy does not yet have to be furnished since the required threshold values have not yet been reached.

Power consumption

Scheduled non-usabilities of power consuming plants

Ex-ante information regarding known non-usabilities of power consuming plants with a consumption capacity of ≥ 100 MW

At the moment, data regarding power consuming plants is not available.

Unscheduled non-usabilities of power consuming plants

Ex-post information regarding unscheduled non-usabilities of power consuming units which are actually in operation and have a consumption capacity of ≥ 100 MW

At the moment, data regarding power consuming plants is not available.

Voluntary Commitment of the Market Participants

Power generation

Actual generation

Ex-post information regarding actual generation – including generation units with a net nominal output of < 100 MW

This information is published at 4:30 pm on a daily basis.

Available and installed capacity

Ex-ante information regarding the available capacity – including generation units with a net nominal output of < 100 MW

The available capacity is published at 10:00 am every day on a rolling basis for the next 365 days.

Ex-ante information regarding installed generation capacity – including generation units with a net nominal output of < 100 MW

The installed generation capacity is published at 10:00 am on a daily basis.

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ENERGY EXCHANGE

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News

2009/10/29 Dortmund, Leipzig, Stuttgart, Bayreuth, Berlin, 28th October 2009 - In the framework of their commitment to transparency in Europ... [read more >](#)

2009/06/15 Leipzig, Stuttgart, Bayreuth, Dortmund, Berlin, 15th June 2009 - In co-operation with European Energy Exchange AG (EEX), the fo... [read more >](#)

Actual production of generating units of >= 100 MW

Planned production by generating units of >= 100 MW

[Show all data >](#) [Show all data >](#)

Unscheduled non-usabilities of generating units of >= 100 MW

2010/01/18 11:15 AM
From 2010/01/17 03:45 PM until 2010/01/18 01:00 PM are 180.0 MW (Gas) in Germany unplanned not usable.

2010/01/18 09:40 AM
From 2010/01/18 08:40 AM until 2010/01/19 08:40 AM are 363.8 MW (Gas) in Germany unplanned not usable.

2010/01/18 08:15 AM
From 2010/01/08 03:20 PM until 2010/01/31 06:45 AM are 100.0 MW (Gas) in Germany unplanned not usable.

2010/01/18 08:15 AM
From 2010/01/18 12:14 AM until 2010/01/21 05:00 AM are 135.0 MW (Lignite) 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 Vattenfall Europe 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**
50HERTZ **transpower**

Reported power plants

EEX
ENERGY EXCHANGE

amprion EnBW 50HERTZ transpower

Information Statutory Publication Requirements of the Transmission System Operators Voluntary Commitment of the Market Participants

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Views

Generation from

- Coal
- Gas
- Lignite
- Oil
- Pumped storage
- Run-of-the-river
- Seasonal storage
- Uranium

Balance areas

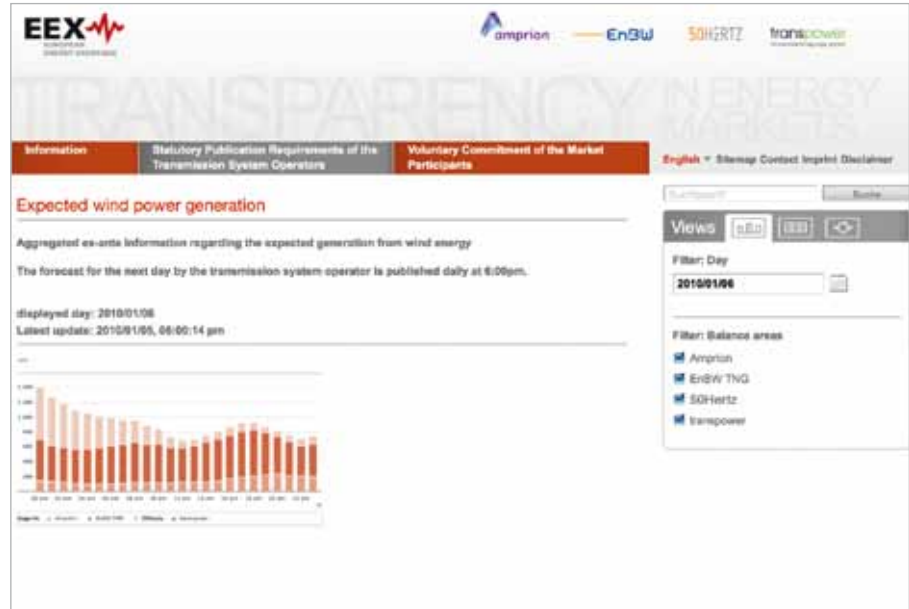
- Amprion
- EnBW TNG
- 50 Hertz
- transpower

Predominantly for free marketing

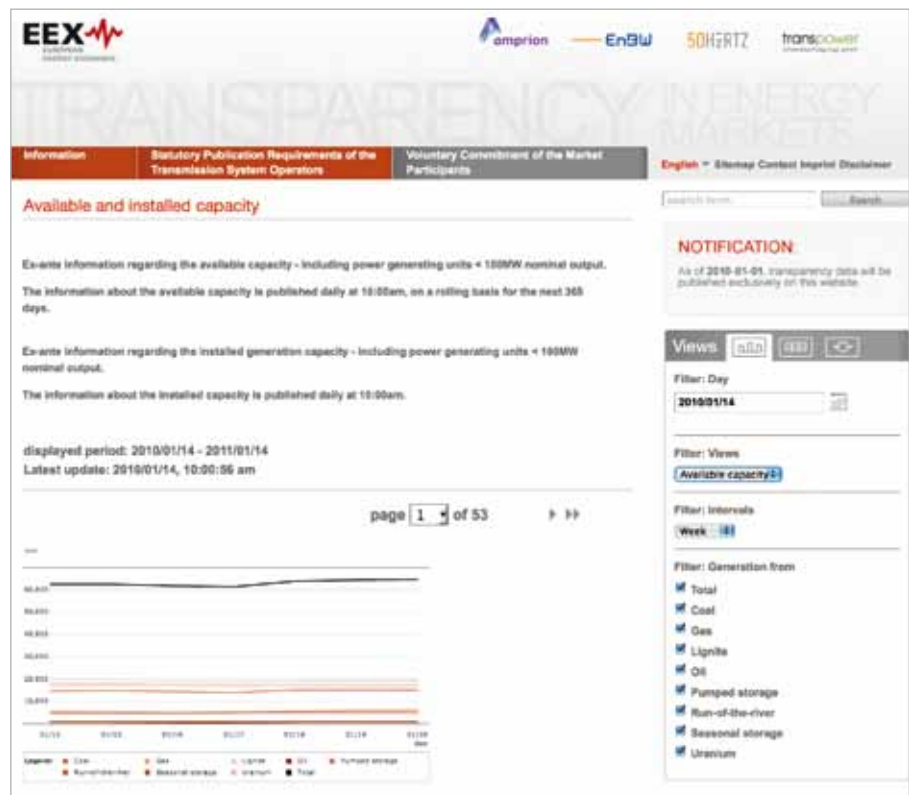
* Further details regarding marketing can be found in the Glossary.

ENERGY MARKETS

Example: "Statutory Publication Requirements of the Transmission System Operators" – Expected wind power generation



Example: "Voluntary Commitment of the Market Participants" – Available capacity



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