

Transparency in Energy Markets

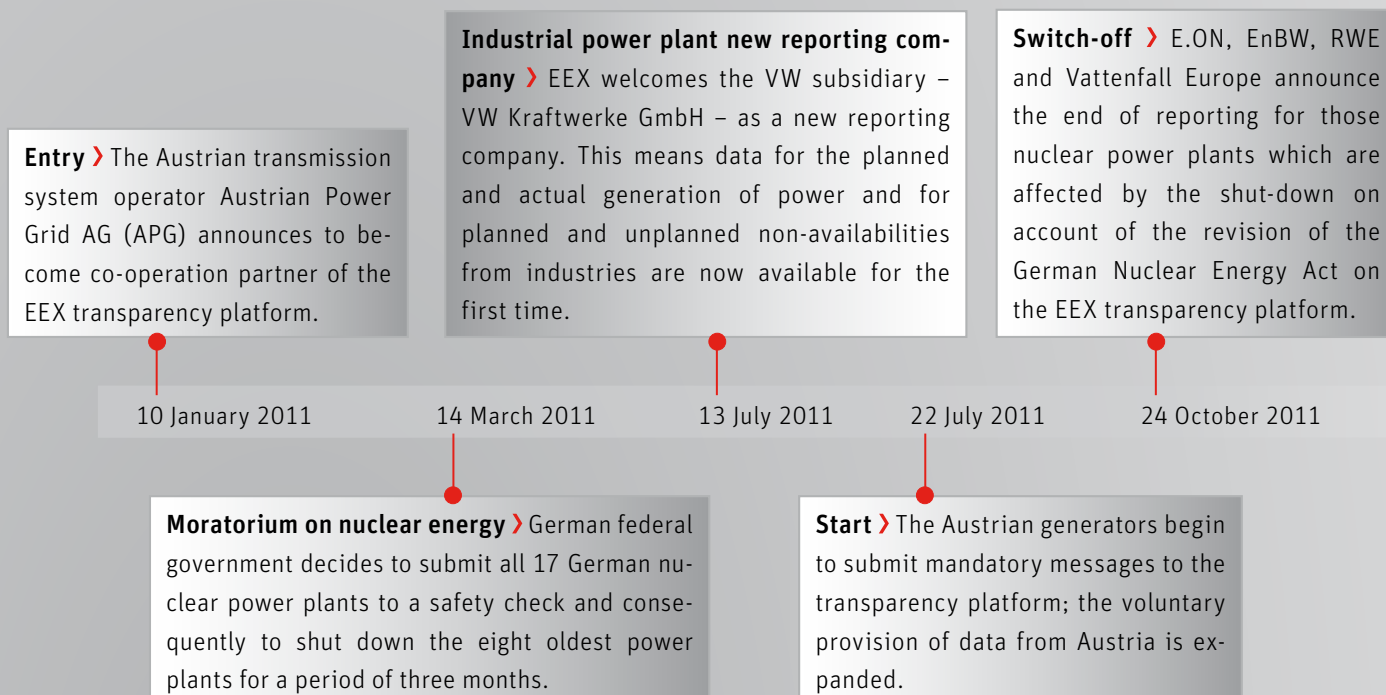
2011 Transparency Balance Sheet

EEX is constantly working to improve transparency on the energy market. This commitment includes, on the one hand, the publication of the exchange's own data and, on the other hand, transparency in the field of fundamental data. In 2011, the main focus was on the further expansion and improvement of the publication of data concerning power generation. The following pages provide reports on innovations and current developments in 2011.

Further improvement of the EEX transparency platform

The "Transparency in Energy Markets" (www.transparency.eex.com) platform was established by the four German transmission system operators (50Hertz Transmission GmbH, Amprion GmbH, EnBW Transportnetze AG, TenneT TSO GmbH) and by EEX and is the result of a German energy industry joint project. The transparency platform went live in October 2009 and now also includes data from Austria as a result of a co-operation with the Austrian energy industry. More than two years after its launch, the EEX transparency platform has established a firm position for itself on the European market. The improvements made in 2011 concerned both technical aspects and content. In order to further increase the coverage and consistency and, as a result, the significance of the data the transmission system operators have made the following adjustments to the messages (even beyond the statutory publication requirements):

- › Since November 2011, the message regarding the installed generation capacities has also included facilities with less than 1 MW.
- › Because of the highly dynamic environment, the installed capacities for wind and solar energy have been updated on a quarterly basis since November 2011.



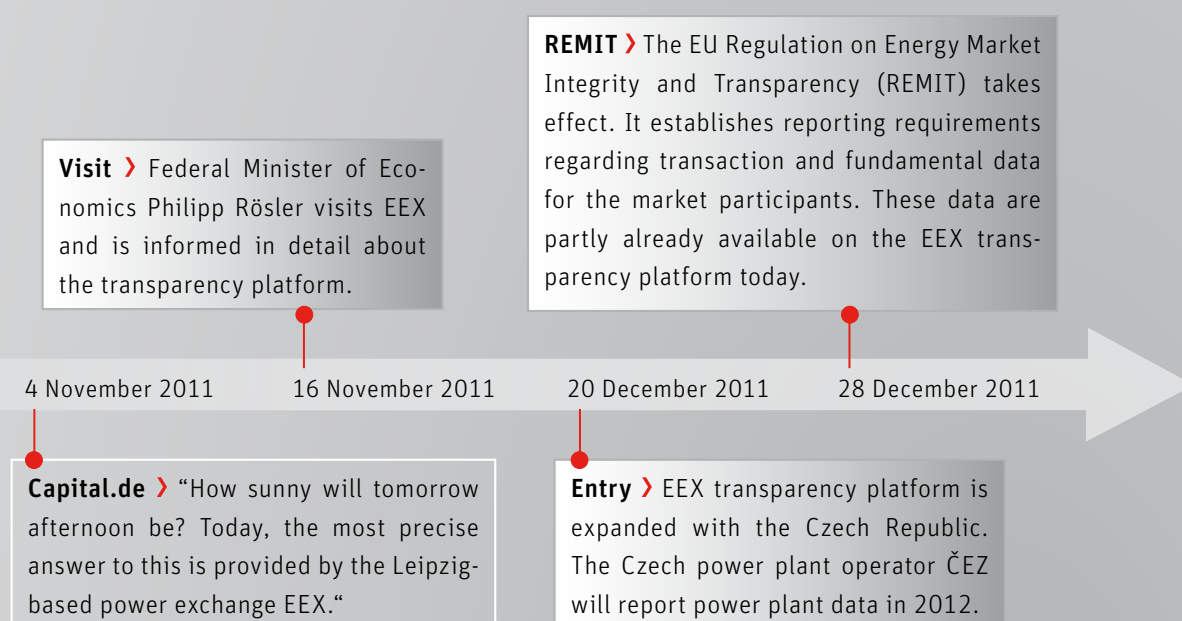
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As regards technical aspects efforts were made to improve IT security and the performance of the platform in 2011 in order to further strengthen data protection and user-friendliness. The high number of hits testifies to the success of the transparency platform. On average, approximately 15,000 different visitors (2010: approx. 5,000) come to the platform www.transparency.eex.com to inform themselves every month. The comprehensive operations of the platform are ensured by EEX.

Status of the transparency platform 2011

	Germany	Austria	Market area Germany/Austria
Total number of reporting companies	29 (2010: 24)	10 (2010: 2)	39 (2010: 26)
Degree of coverage* for statutory publications	93 % (2010: 89 %)	100 %	94 %
Degree of coverage* for voluntary publications	42 % (2010: 48 %)	71 %	45 %

* The degree of coverage is calculated on the basis of the ratio between the power plant capacity reported on the platform and the total power plant capacity located in the respective control area in Germany/Austria.



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European Alignment of the EEX Transparency Platform

En route towards establishing a European transparency platform, EEX has proven in 2011 that the platform can be expanded with data from other countries quickly and easily.

Fundamental data from Austria

In the framework of the implementation of statutory requirements, the publication of fundamental data regarding the generation of power from Austria was launched on 22 July 2011. At the same time, the existing voluntary messages by Austrian power plant operators were expanded considerably. The new reporting companies were connected quickly and without any problems. Under the auspices of the energy-industry association Österreichs E-Wirtschaft the power plant operators were able to implement the required technical preconditions and processes for reporting of data within a period of only three months. This can be regarded as being a considerable success in view of the specific Austrian competitive situation with many companies of different sizes.

During the involving of data from Austria, experience was gathered and processes were optimized further so that steps towards further expansion can be implemented even more easily. In this process, the Austrian transmission system operator Austrian Power Grid AG (APG) became the sixth equal co-operation partner of the transparency platform in addition to the German transmission system operators and EEX.

Fundamental data from the Czech Republic

At the beginning of 2012, the voluntary part of the transparency platform will be expanded with data of the Czech Republic. As a result of this, its significance for market transparency in Central Europe will increase further. As the joint initiator and first reporting company, ČEZ will begin to submit voluntary messages on the transparency platform. In order to ensure full coverage further Czech companies are cordially invited to join this initiative.

European Transparency Platform

The harmonization of transparency standards has been discussed within the EU for a long time. The challenges connected with this with regard to the definitions of the data to be reported as well as the required infrastructure must not be underestimated. For this reason, the fact that existing reporting standards and reporting channels are built upon – in particular, in Germany/Austria and Scandinavia – should not be underestimated as factors for the success of this European joint project.

REMIT: Future Role for the EEX Transparency Platform

REMIT (EU Regulation on Energy Market Integrity and Transparency) took effect in late 2011: It, as just one example, is establishing comprehensive publication and reporting requirements of transaction and fundamental data for the energy market to ACER (Agency for the Cooperation of Energy Regulators). This is intended to create the basis for border-crossing supervision of the European energy market. A large part of the data requested is already available on the EEX transparency platform today. For example, the platform can take over messages to ACER by market participants in a concentrated manner (e.g. reporting of planned and unplanned non-availabilities of power plants). Moreover, reporting on the platform can fulfill ad-hoc publication requirements in order to exclude insider trading. Data consistency and reporting efficiency are ensured in this way.



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Published Generation Data

Statutory publication requirements of the transmission system operators – power generation

- › Installed generation units \geq 100 MW
- › Installed generation units $<$ 100 MW

- › Planned non-usabilities of generation units \geq 100 MW
- › Planned production by generation units \geq 100 MW
- › Expected production from wind power
- › Expected production from solar power

- › Unscheduled non-usabilities of generating units of \geq 100 MW

- › Actual generation by generation units \geq 100 MW
- › Actual production from wind power
- › Actual production from solar power

Voluntary commitment of the market participants – power generation

- › Installed generation capacity
- › Available generation capacity
- › Generation of the previous day

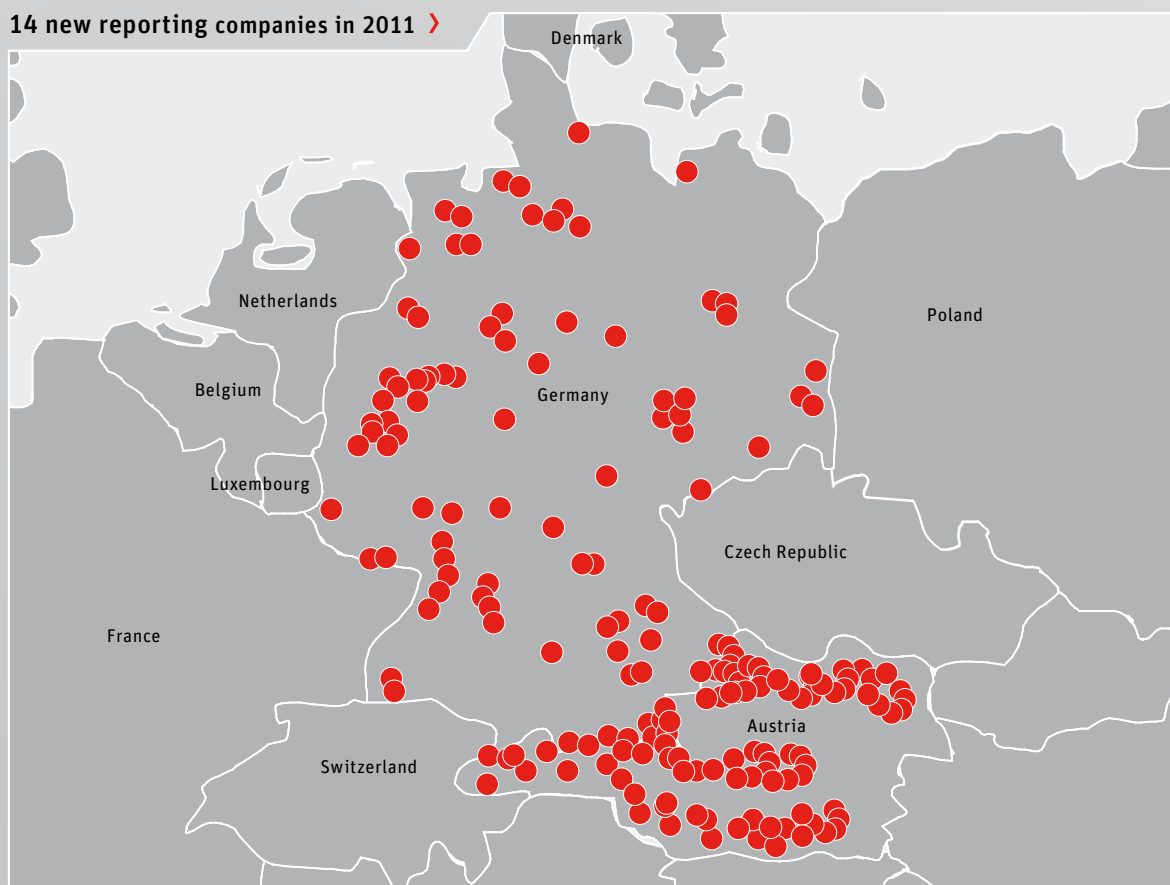
<http://www.transparency.eex.com/en> ›



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Reporting power plants

14 new reporting companies in 2011 >



Participating companies

	Germany	Austria
TSO	50Hertz Transmission GmbH Amprion GmbH EnBW Transportnetze AG TenneT TSO GmbH	Austrian Power Grid AG VKW Netz AG
PPO	BASF SE Ludwigshafen DREWAG - Stadtwerke Dresden GmbH E.ON EnBW envia THERM GmbH GDF SUEZ Energie Deutschland AG Grenzkraftwerke GmbH Grosskraftwerk Mannheim AG Heizkraftwerk Halle-Trotha GmbH Kraftwerke Mainz-Wiesbaden AG N-ERGIE Aktiengesellschaft PCK Raffinerie GmbH RheinEnergie AG RWE Power AG Stadtwerke Duisburg AG Stadtwerke Düsseldorf AG Stadtwerke Hannover AG Stadtwerke Leipzig GmbH Statkraft Markets GmbH Steag GmbH SWM Services GmbH Trianel Gaskraftwerk Hamm GmbH & Co. KG Vattenfall Europe AG VSE AG VW Kraftwerk GmbH	Energie AG Oberösterreich Kraftwerke GmbH EVN AG KELAG Linz Strom GmbH Salzburg AG für Energie, Verkehr und Telekommunikation TIWAG, Tiroler Wasserkraft AG VERBUND AG Vorarlberger Kraftwerke AG Wien Energie GmbH



Contact:

European Energy Exchange AG
Augustusplatz 9
04109 Leipzig
Germany

Transparency in Energy Markets
Phone: +49 341 2156-233
Fax: +49 341 2156-109
support@transparency.eex.com

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