

# DataNewZ

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## **Resilience Files and data on EPEX SPOT website and FTP**

Dear EPEX SPOT data user,

In order to increase even more the transparency of its markets, EPEX SPOT has introduced resilience data on its website and ftp server. The purpose of the resilience is to show the elasticity of the markets or, in other words, the depth of the order books.

### **1. Introduction**

EPEX SPOT displays resilience parameters for its three market areas (DE/AT, FR, CH), as well as crossborder DE/AT-FR and FR/DE/AT areas, and publishes the data files on its website and ftp server.

### **2. Display on EPEX SPOT website**

#### **a. Data Table**

The resilience data is displayed in the **Market Data** pages of EPEX SPOT's website; a new page link marks the access path; it is simply untitled Market Resilience. Please note that non-paying visitors see the resilience information for delivery day-1. Paying customers can see the resilience information for the delivery day.

The resilience data is separated by market area represented by the country flags (see example below).

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## EPEXSPOT RESILIENCE

DATA TABLE DATA CHART

France
Germany/Austria
Switzerland

27/02/2012

The volume data is presented in a table as follows:

France
Germany/Austria
Switzerland
27/02/2012

Market Resilience (€/MWh)	Germany / Austria						France					
	SELL		SELL		BUY		SELL		BUY		BUY	
	1500 MWh	1000 MWh	500 MWh	500 MWh	1000 MWh	1500 MWh	1000 MWh	500 MWh	150 MWh	150 MWh	500 MWh	1000 MWh
00 - 01	39.87	40.23	41.00	42.44	43.11	43.26	40.23	41.00	41.47	41.80	42.44	43.11
01 - 02	35.76	36.31	36.98	37.92	38.46	39.00	36.31	36.98	37.28	37.53	37.92	38.46
02 - 03	35.12	35.59	36.07	36.86	37.23	37.71	35.59	36.07	36.38	36.54	36.86	37.23
03 - 04	32.43	32.93	33.43	34.13	34.24	34.45	32.93	33.43	33.67	33.85	34.13	34.24
04 - 05	32.31	32.81	33.23	34.17	34.81	35.07	32.81	33.23	33.39	34.02	34.17	34.81
05 - 06	34.52	34.58	34.88	35.92	36.27	36.66	34.58	34.85	35.02	35.52	35.92	36.27
06 - 07	42.79	43.03	43.55	44.63	44.94	45.03	43.04	43.55	43.68	44.00	44.63	44.94
07 - 08	56.01	56.18	57.44	58.53	59.07	58.94	56.48	57.91	57.95	58.34	58.37	58.63
08 - 09	59.49	59.50	59.51	60.09	60.60	60.37	58.38	59.50	59.51	60.01	60.25	60.66
09 - 10	54.96	55.48	55.48	55.48	57.18	55.48	55.48	55.48	55.48	55.48	55.48	55.48
10 - 11	50.99	51.05	51.09	51.99	52.98	51.98	51.93	51.92	51.92	51.92	51.92	51.92

For each market area, the two sections of the table represent the prices for the relevant area when it is submitted to a variation of volumes on its own hub (local resilience) or on a neighbouring hub (cross border resilience). The example above shows the impacts on the German/Austrian market area prices when the German/Austrian volume varies and when the French volume varies.

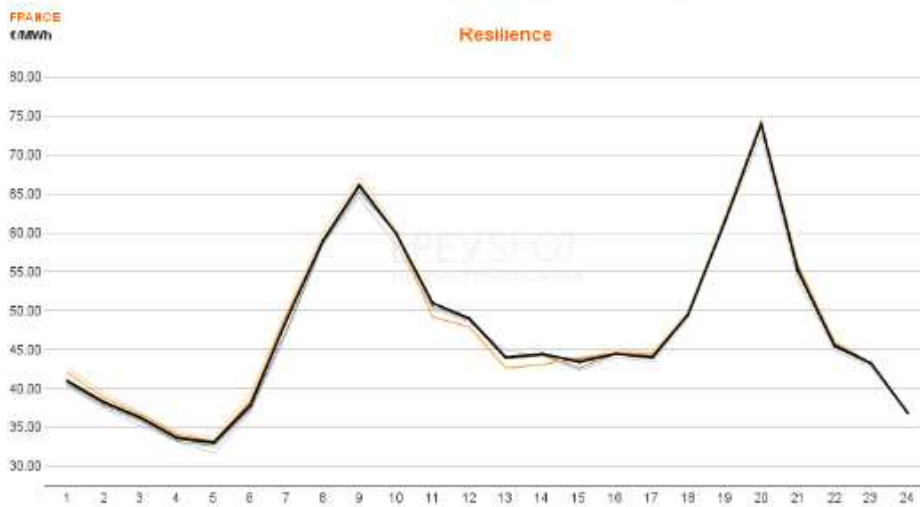
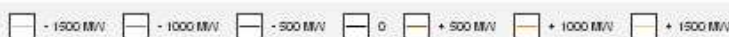
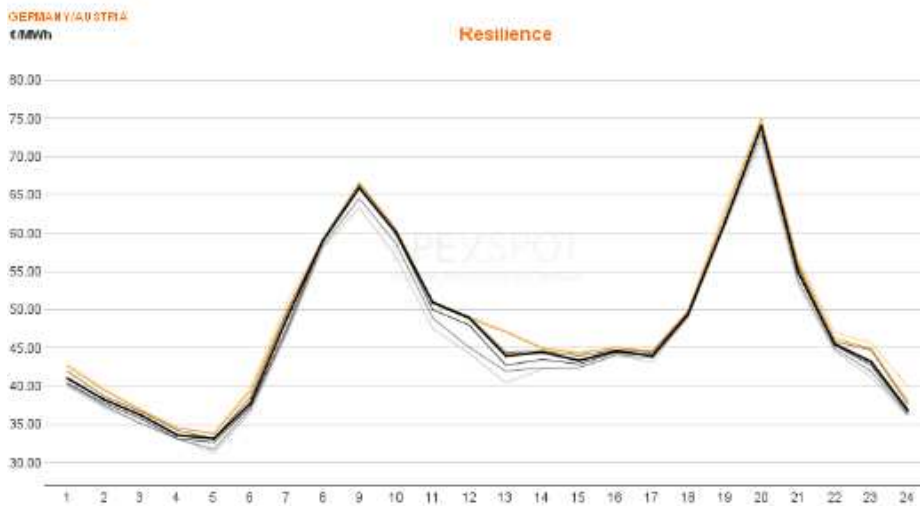
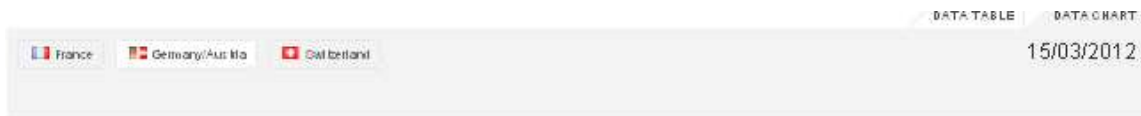
If the originating market area is Switzerland, there is only one delivery area >> Switzerland

## b. Data Charts/Graphs

Data charts or graphs are displayed under the Data Charts tab. The design of the graphs is similar to the aggregated curves, however the different elasticity scenarios are shown with different colors on the same graph.

The examples below show the German/Austrian market area resilience when the German/Austrian volume varies and when the French volume varies.

DE/AT:



### 3. *Historical data*

The Market Resilience historical data is displayed in xls and csv tables in the historical section of the website, as well as on the ftp server.

#### a. *Website*

A 'Market Resilience' section is found in the 'Historical Data' page under 'Auction trading'. Important: non-subscribers to the resilience package cannot see this section even if they subscribe to other info-products. The following 1 xls and 3 csv files are available:

- ResilienceResults\_YYYY.xlsx
- ResilienceResults\_FR\_YYYY.csv
- ResilienceResults\_DE-AT\_YYYY.csv
- ResilienceResults\_CH\_YYYY.csv

Please note that the files will be split by calendar year.

XLS file format:

Name	ResilienceResults_[Current year]
Format	XLSX

- 3 tabs with 1 market area per tab
- XLS and CSV files including DE/AT and FR as originating areas have 2 delivery areas
- Per line: one date, one hourly segment and the price values per step

Csv file format:

Name	ResilienceResults_[Market area]_[Current year]
Format	csv

- Per line: one date, one hourly segment and the price values per step
- XLS and CSV files including DE/AT and FR as originating areas have 2 delivery areas
- 1 file per market area

#### b. *FTP server*

A 'Market Resilience' section is found in the following directory:

[ftp.epexspot.com/spot\\_market/auction/](ftp.epexspot.com/spot_market/auction/).

Important: non-subscribers to the resilience package do not see this section even if they subscribe to other info-products. The following xls and daily csv files are available:

1 xls and 5 csv files

- ResilienceResults\_YYYY.xlsx
- ResilienceResults\_FR\_[Delivery date].csv
- ResilienceResults\_DE-AT\_\_[Delivery date].csv
- ResilienceResults\_CH\_\_[Delivery date].csv
- ResilienceResults\_FR-DE\_AT\_[Delivery date].csv
- ResilienceResults\_DE\_AT-FR\_[Delivery date].csv

XLS file format:

Name	ResilienceResults_[Current year]
Format	XLSX

- 3 tabs with 1 market area per tab
- XLS and CSV files including DE/AT and FR as originating areas have 2 delivery areas
- Per line: one date, one hourly segment and the price values per step
- The files will be split by calendar year

Csv file format:

Name	ResilienceResults_[Market area]_[Delivery date]
Format	csv

- Per line: one date, one hourly segment and the price values per step
- XLS and CSV files including DE/AT and FR as originating areas have 2 delivery areas
- 1 file per market area
- 1 file per day

#### **4. Package subscription fee**

The annual fee to subscribe to the resilience package is 100 Euros plus VAT. The subscription can be made through your EPEXme account on EPEX SPOT's website. Non-subscribers see the resilience information for delivery day-1. Subscribers are able to see the resilience information for the delivery day upon its publication at approximately **05:45 PM CET**.



## Your contacts

### Market Data

Sovann Khou

☎ + 33 (0) 1 73 03 96 07

[marketdata@epexspot.com](mailto:marketdata@epexspot.com)

Caroline Antoine

☎ + 33 (0) 1 73 03 76 55

[marketdata@epexspot.com](mailto:marketdata@epexspot.com)

### Market Design & Customer Relations

Vincent Herlant

☎ + 33 (0) 1 73 03 61 60

[v.herlant@epexspot.com](mailto:v.herlant@epexspot.com)

Audrey Mahuet

☎ + 33 (0) 1 73 03 96 05

[a.mahuet@epexspot.com](mailto:a.mahuet@epexspot.com)