

Guarantees of Origin Auction File Specifications

The purpose of this document is to show the location and describe the formats of the new Guarantees of Origin (GO) Auction data file available on the EPEX SPOT market data SFTP server <ftp.epexspot.com> as of 28 September, pending technical and member readiness. The availability of the data described varies upon the subscriptions taken. For more information, please contact your market data team at marketdata.sales@epexspot.com.

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1 Available data

1.1 File key information

- Please note that all files are in csv format
- All volumes are in **MWh**
- All files include data for one CET/CEST delivery day

1.2 Location of new GO Auction file on sFTP server and folder structure:

ftp.epexspot.com

guarantees of
origin

current

Prices_Volumes

historical*

Prices_Volumes*

* available in 2023

2 Data distribution support: sFTP server

2.1 Requirements

The technical requirements are:

- An Internet connection
- An sFTP client application such as FileZilla (<https://filezilla-project.org/>) or WinSCP (<https://winscp.net/eng/download.php>) as a standalone application to download the requested market data files.

The access is attributed by the EPEX Spot market data department. The privileges depend on the type of subscription. In all cases, access is granted on a “**read only**” basis.

2.2 Connection

- Sftp server host name: **ftp.epexspot.com**
- IP address: 195.254.158.152 (it is recommended to use the host name **ftp.epexspot.com** in order to avoid any impact if the IP address changes in the future)
- Protocol: **sftp**
- Port: **22** (please make sure your firewall allows connections through this port)
- User timeout setting: **60 seconds**

2.3 File Description

- a) General principles:
 - All files are in csv format with comma separator
 - All timestamps are in UTC
- b) GO Auction results and indices file

The EPEX SPOT GO Auction results and indices files are located in the folder /guarantees of origin/Current/Prices_Volumes/.

File name: **auction_results_guarantees_of_origin_yyyymmdd.csv**

File format: csv

Name	auction_results_guarantees_of_origin_yyyymmdd
Format	csv
Separator	Comma separated values
Update	Auction Day (D)+1; 11:00 AM CET onwards

Line 1: #[Auction Date in the format DD/MM/YYYY] [File Creation Date Time in UTC in the format HH:MM:SS AM/PM]: Auction Indices and Results - Guarantees of Origin

<i>First table (index data)</i>		
<i>Header</i>	<i>Format</i>	<i>Content</i>
Indices	Text	Name of indices
ProductionPeriod	Date in the format Mmm. YYYY	Production period for which the underlying energy was produced
PriceIndex	Numerical with 2 decimal points and dots used a decimal separator	Index calculated for each zone in EUR
VolumeIndex	Numerical with no decimal points	Volume used in the calculation of the index

<i>Second table (Market Results)</i>		
<i>Header</i>	<i>Format</i>	<i>Content</i>
Technology	Text	Hydro, wind and solar
Country	Text	List of countries accepted: Austria, Belgium, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Ireland, Italy, Lithuania, Luxembourg, Netherlands, Norway, Slovakia, Slovenia, Spain, Sweden, and Switzerland
SubsidyScheme	Text	GOs can be linked to an asset under a subsidy scheme or not: <ul style="list-style-type: none"> ▪ For Buy orders, possible values for subsidy scheme are: "No" or "All" ▪ For Sell orders, possible values for subsidy scheme are: "Yes" or "No"
ProductionPeriod	Date in the format Mmm. YYYY	Production period for which the underlying energy was produced
MarketClearingPriceBuy	Numerical with 2 decimal points and dots used a decimal separator	Buy price determined by the algorithm for the relevant product
ClearedVolumeBuy	Numerical with no decimal points	Total volume purchased
MarketClearingPriceSell	Numerical with 2 decimal points and dots used a decimal separator	Sell price determined by the algorithm for the relevant product
ClearedVolumeSell	Numerical with no decimal points	Total volume sold
Currency	Text	Euro
VolumeUnit	Text	MWh

Contacts

Your contacts	
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