

› eex group

EEX Group DataSource
SFTP XLSX Interface
Specification

21.10.2019
Leipzig

Version 003

› eex	› pxe
› ecc	› cltx
› epexspot	› nodal
› powernext	› nodalclear
› pegas	› gaspoint nordic

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1. Document History

Version	Description	Date	Author
001	First version. Please consider this document as preliminary.	02.04.2019	Peter Düver
002	Known issues in chapter 4.4 added. Natural Gas Futures History PVB added in chapter 9.15 and Natural Gas Futures History LNG in chapter 9.16 added Please consider chapter 9 as final.	04.09.2019	Peter Düver
003	Update on known issues in chapter 4.4 <u>and added note to Generation Frequency and Time to all files.</u>	21.10.2019	Thomas Haupt
004	Update on known issues in chapter 4.4, added new freight products, Update on open interest in chapter 4.3	11.11.2019	Thomas Haupt
005	Added AT/SI/BG/RS/Wind Power Futures, removed cap and floor futures.	25.11.2019	Thomas Haupt

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2. List of Abbreviations

Abbreviation	Explanation
ASCII	The American Standard Code for Information Interchange is a character-encoding scheme based on the ordering of the English alphabet.
CER	Certified Emission Reductions
CEST	Central European Summer Time
CET	Central European Time
CR	The carriage return (CR) is one of the control characters in ASCII code, Unicode or EBCDIC that commands a printer or other sort of display to move the position of the cursor to the first position on the same line.
CSV	The Comma- separated values (CSV) file is used for the digital storage of data structured in a table of lists form.
EBCDIC	The Extended Binary Coded Decimal Interchange Code (EBCDIC) is an 8-bit character encoding (code page) used on IBM mainframe operating systems.
EEX	European Energy Exchange
EUA	European Emission Allowances
EUAA	European Aviation Allowances
FTP	The File transfer protocol (FTP) is a standard network protocol used to exchange and manipulate files over a TCP/IP based network.
P	pound sterling
IBM	The International Business Machines Corporation (IBM) is a multinational computer technology and IT consulting corporation.
ISO	The International Organization for Standardization (ISO) is an international- standard- setting body composed of representatives from various national standards organizations.
kWh	The watt-hour, or kilowatt-hour, (symbol kW·h, kWh) is a unit of energy equal to 3,600,000 joules. Energy in watt-hours is the multiplication of power in watts and time in hours.
LF	A line feed (LF) or newline, also known as a line break or end-of-line (EOL) character, is a special character or sequence of characters signifying the end of a line of text.
MT	Metric tonnes
MW	Mega Watt = 1.000.000 W (refer to W)
MWh	Mega Watt Hour = 1.000 kWh (refer to kWh)

SFTP	The Secure File Transfer Protocol (also SSH File Transfer Protocol) is a network protocol that provides file access, file transfer, and file management functionalities over any reliable data stream. The EEX FTP (datasource.eex-group.com) uses the Secure File Transfer Protocol.
ST	Short tonnes
th	Therms
TradeReg	Service provided by the exchange which enables the trading participants and the trade registration participants to conclude transactions through registration by mutual agreement or to have over-the-counter transactions registered. Products for which trade registration is offered are usually specified in the Contract Specifications of the exchange and in the Trade Registration Contract Specifications.
UTC	Coordinated Universal Time
VTP	Virtual Trading Point
W	The watt (symbol: W) is a derived unit of power in the International System of Units (SI). It measures rate of energy conversion.
XLSX	Excel format is the native format of Microsoft Excel. The files of this format usually have xlsx extension

3. Management Overview

3.1 Disclaimer

To proceed with necessary developments on your side, we provide you with a general sample file that represents the applied formats and principles. Additionally, the file “XLSX_Future_Content.xlsx” in its latest version offers a list of short codes and associated products. The column “Short Code” precisely names the detail tabs of the Excel files. All specifications in this document may subject to change.

3.2 Data Offer

To facilitate the energy markets and to support market participants EEX providing EEX DataSource, formerly referenced to as Info-Products. These EEX Group Data Source outline details about day-to-day market data, historical data as well as indices and fundamental supply and demand details of power and natural gas. Subscribers can access electronic data for a variety of products of the spot and derivatives markets (e.g. power, natural gas, emission rights, environmental & agricultural). Additionally, transparency data (i.e. fundamental energy production and consumption) relating to the energy market are published and can be obtained.

In addition to the data being freely available for 45 days at the websites of EEX and Pownext, EEX Group DataSource provides its commercial offering of computer readable files in both CSV and XLSX format hosted on a SFTP-server (SFTP://datasource.eex-group.com,).

The files are designed for easy processing and can be used by customers for market analysis, pricing and any other analytics. The published CSV files are mainly stored in daily files, which enable electronic platforms to integrate data easily; Excel files mostly provide annual information to give a quick overview and analysis. This document describes the XLSX files in detail.

Files are published once, after the data is complete. Updates after the initial file creation can happen if necessary based on corrections or additional content becoming available after creation.

Files are published daily after the market is closed and data is complete. Updates after the initial file creation can happen if necessary based on corrections or additional content becoming available after initial creation.

All detailed information about the actual contract specifications can be found at the EEX website

Data which is licensed for internal purposes can be ordered via the EEX Group online shop. If you want to publish redistribute the data as part of your own services to your customers, a Vendor-License is needed. For a Vendor-License please contact us directly at datasource@eex-group.com to discuss your needs and coverage requirements.

4. Definitions

In the following chapter all needed definitions will be made. In a first step all conventions will be defined and in a second step all elements..

4.1 Definition of Used Data Types

The following table shows the used formats.

Type	Description
<date>	Date format – information of a point in time Please refer to ISO 8601 for a detailed description of the format used in XML. In CSV files, the following format is used: YYYY-MM-DD Examples: 2009-11-17
<datetime>	Date and time format – information of a point in time Please note that all points in time are in local time CE(S)T. Please refer to ISO 8601 for a detailed description of the format used. Example: 2018-08-01T16:53:45
<integer>	The range of all natural numbers including the zero
<float>	Floating-point number – all floating-point numbers will have a fraction with a denominator of ten. Example: 1400.4
<string>	Alphanumeric string – used for text information Example: Off-Peak
<period>	A format like YYYY-MM that denotes the maturity of a contract – not a native data type, but a construct/format

4.2 Definition of Data Fields

The following table will define all used fields.

Fieldname	Description	Format	Example
Auction Name	Name of the auction	<string>	EU
Auction Price	Price result of the auction	<float>	12,36
Auction Time	Time of the day the auction was held	<time>	15:05:00
Auction Volume	Volume auctioned	<integer>	735450
Average Price	Average hour price of a delivery day	<float>	34,15
Code	Code of the product (Detailed information may be found in the contract detail file)	<string>	O1BM

Fieldname	Description	Format	Example
Lot Size	Volume traded for the contract in the product's commodity unit	<integer>	18100
Country Revenue	Revenue per country of the auction	<integer>	AT:318600
Cover Ratio	Cover ratio of the auction	<float>	3,46
Daily Reference Price	Daily reference price	<float>	22,90
Delivery Date	Day of delivery of the traded commodity	<date>	2010-03-01
Delivery End	Delivery end date of a contract	<date>	2014-03-01
Delivery Period	Delivery period of a future contract	<period>	2010-01
Delivery Start	Delivery start date of a contract	<date>	2014-03-01
Execution	Status of the execution of the block bids.	<string>	Y
Front Contract	Front contract of the index (YYYY-MM)	<period>	2017-08
Hour	Specific Hour	<string>	04-05
High Price	Highest prices of the trading day	<real>	128,91
Index	Specific Index like Power Spot Auction Index (Phelix/France/Swissix Day Base/Peak), ELIX, EGIX, ECarbix	<string>	
Index Type	Indicates if it is the arithmetic average price of all daily values for a given front month contract or the daily index (day or month)	<date>	
Last Price	Price of the last trade on the trading day	<real>	45,95
Limit Price	Limit price for the block bid.	<real>	22,27
Long Name	Plain text of the product code	<string>	Phelix-DE Base Month Future
Low Price	Lowest price of the trading day	<real>	12,07
Market Area	Name of the market area (Detailed information may be found in the contract specification).	<string>	CH
Maturity	Maturity of the contracts/products (Displays Month in which the delivery starts.)	<period>	2017-04
Maximum Bid	Maximum bid of the auction	<float>	6,00

Fieldname	Description	Format	Example
Mean Price	Mean price of the auction	<float>	5,54
Median Price	Median price of the auction	<float>	5,54
Minimum Bid	Minimum bid of the auction	<float>	5,54
Number of Trades	Total number of trades per trading day	<integer>	25
Number of Lines	The number of lines a file has in total.	<integer>	135
Open Interest Contracts	Open Interest as number of contracts	<integer>	234568
Open Interest Lots (previous day)	Open Interest as number of contracts/lots (Amount of traded lots). The number is a value of the previous day until the 23.09.11.2019. From the 23.09.11.2019 onwards the open interest reflects the current day value.	<integer>	234568
Open Interest Volume	Open Interest lots multiplied by lot size.	<integer>	234568
Open Price	Price of the first trade at an exchange market or the first registered traded price within business hours of ECC for trade registration (OTC).	<float>	42,67
Price (Index)	Market based reference price. The price is calculated	<float>	42,38
Product	Code of the product	<string>	O1BM
Settlement Price	A settlement price is determined for each individual contract which can be traded continuously or Trade Registration on EEX Power Derivatives and on the EEX Derivatives and Spot Markets every day.	<float>	42,67
Standard Deviation of Bid Volume Per Bidder	The standard deviation of bid volume per bidder	<integer>	15
Strike	Strike price of the option	<float>	45,5
Traded Lots	Number of traded contracts/lots	<integer>	58
Trade Date	Date of Trading	<date>	2014-09-20
Traded Volume	Traded Contracts multiplied by contract volume	<integer>	4200

Fieldname	Description	Format	Example
Timestamp High Price	Timestamp of trade with the highest price of the day	<date><time>	2017-06-14T13:45:00
Timestamp Low Price	Timestamp of trade with the lowest price of the day	<date><time>	2017-06-14T11:45:00
Timestamp Last Price	Timestamp of last trade of trading day	<date><time>	2017-06-14T16:45:00
Timestamp Open Price	Timestamp of first trade at an exchange market or the first registered traded price within business hours of EEC for trade reg. (OTC)	<date><time>	2017-06-14T10:45:00
Total Amount of Bids	Total amount of bids of the auction	<integer>	8174000.00
Total Number of Bids	Total number of bidders of the auction	<integer>	16
Total Number of Successful Bidders	Number of successful bidders of the auction	<integer>	12
Total Revenue	Total revenue of the auction	<float>	11050700
Type	Type of the option: call (C) or put (P)	<string>	C
Underlying	Underlying contract of the product (Detailed information may be found in the contract specification)	<string>	F1BQ
Volume	Volume traded for the contract	<integer>	537189

4.3 Exchange trading days at EEX and Powernext

All EEX derivatives Products + Emission Spot

Exchange days are all days Monday to Friday which are not one of the below-mentioned holidays:

Holidays at EEX
New Year – 1st January
Good Friday
Easter Monday
Labour Day – 1st May
Christmas Eve – 24th December

Christmas Day – 25th December
Boxing Day – 26th December
New Year’s Eve – 31st December

Powernext data provided via the PEGAS Platform

Exchange days are all days Monday to Friday which are not one of the below-mentioned holidays:

Holidays at Powernext (Futures)
New Year – 1st January
Good Friday
Easter Monday
Labour Day – 1st May
Early May Bank Holiday – first Monday of May
Spring Bank Holiday – last Monday of May
Summer Bank Holiday – last Monday of August
Christmas Day – 25th December
Boxing Day – 26th December

Holidays at Powernext (SPOT)
New Year – 1st January
Good Friday
Easter Monday
Early May Bank Holiday – first Monday of May
Spring Bank Holiday – last Monday of May
Summer Bank Holiday – last Monday of August
Christmas Day – 25th December
Boxing Day – 26th December

4.4 Known Issues

Description of Issue	Date
<p>Open Interest Starting from the 18.11.2019 the open interest is a current day value. All open interest values before this date are previous day values. Please note that despite the change the headers will currently show “open interest previous day” in the current xlsx files. This will be changed into “open interest” at a later stage.</p>	14/11/2019
<p>Derivatives So called dummy values are values–settlement prices that are calculated for technical reason but are not meant to be published. These values of 0,01 and 0,001 are filtered out and won’t be included in the file. Currently, all settlement prices with such values are filtered out – in rare cases even – even if the respective price is correctly settled <u>prices at 0,01 or 0,001 –;</u> the field will be left blank.</p>	21/10/2019
<p>Power Derivatives Negative settlement prices are not displayed; field will be left blank.</p>	21/10/2019
<p>Number of trades can differ between mis.eex.com and datasource.eex-<u>group</u>.com. For example there is one trade of 10 lots on mis.eex.com that is now split into two trades with 5 lots each on datasource.eex.com. In example this can happen <u>in cases</u> when there is one seller and two buyers.</p>	21/10/2019
Trade cancellations and amendments are taken into account if done on the trading day	21/10/2019
Trade cancellations and amendments are not taken into account if done at any other date than the trading date.	21/10/2019
<p>Futures Fields Open Price, High Price, Low Price, Last Price in Future Result files don’t take legs of spread trades into account.</p>	04/09/2019
<p>Futures In case the last trade per trading day is a spread trade, the field Last Price will be left blank.</p> <p>If just spread trades were conducted the only the field Timestamp Last Price will be filled (instead of having Open Price, High Price, Low Price, Last Price, Timestamp Open Price, Timestamp High Price, Timestamp Low Price as well).</p>	04/09/2019
Short term derivatives (Days, Weeks and Weekends) that expire the month after the last trading day (e.g. DB32 – German Day Future), are shown with the maturity of the delivery month (e.g. 2019-06 for the June contract) instead	19/08/2019

of the maturity of the expiry month (e.g 2019-07) as is it intended and set up in the trading system.	
Agricultural Derivatives The settlement price of 1 for European Why Powder Futures (FAWH) is not filtered out. This value is a so called dummy value and should not be visible.	04/02/2019

4.5 Archived Data

All and any files with data published prior to 2015 can be found under the 'Archive' folder. This archived data does not match the files and specifications outlined in this documentation but instead follow former specifications relevant to these files.

<https://www.eex.com/en/market-data/market-data-download/product-contents/trading-data>

4.6 IP Addresses

The domain `sftp://datasource.eex-group.com` can be routed to IP addresses within following ranges.

- 159.100.192.0 - 24
- 199.59.227.0 - 24
- 206.155.48.0 - 24
- 216.52.81.0 – 25

Please refrain from using the IP addresses directly. The domain will be routed to one of the IP addresses to balance the load of the servers!

4.7 Notes on Data

Data publication acts according following guidelines:

The instruments for days, weeks and months are published throughout the time of delivery.
For days of a weekend, weeks and weekends the instruments are additionally published the next working day after delivery.
Quarters, seasons and years are not published throughout delivery.

5. Power Futures History

5.1 General Remarks – Power Futures History

Criterion	Description
Worksheet Description	Includes Traded Lots; Traded Volume; No of Trades; Open Interest Volume (prev. day); Open Interest Lots (prev. day); for base/peak/total and monthly/quarterly/yearly/all contracts
Displayed Period	Calendar Year
Contained Data	Traded volumes in MWh and price information in EUR/MWh
Generation Frequency and Time	Every exchange trading day between 6 pm and 9 pm CE(S)T, hence 5 pm and 8 pm UTC in winter period and 4 pm and 7 pm UTC in summer period. Files can be redeployed, if required, due to data updates at any time.
Holiday Calendar	EEX Calendar (see 4.1)
More information	https://www.eex.com/en/market-data/power/futures

5.2 Power Future History Austria

Criterion	Description
Content	Derivatives market trading results for Austrian power futures
Contained Data	AB01-34 EEX Austrian Power Base Day Future AWB1-5 EEX Austrian Power Base Weekend Future ATB1-5 EEX Austrian Power Base Week Future ATBM EEX Austrian Power Base Month Future ATBQ EEX Austrian Power Base Quarter Future ATBY EEX Austrian Power Base Year Future AP01-34 EEX Austrian Power Peak Day Future AWP1-5 EEX Austrian Power Peak Weekend Future ATP1-5 EEX Austrian Power Peak Week Future ATPM EEX Austrian Power Peak Month Future ATPQ EEX Austrian Power Peak Quarter Future ATPY EEX Austrian Power Peak Year Future
Filename	PowerFutureHistory_Phelix-AT_YYYY.xlsx Example: PowerFutureHistory_Phelix-AT_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/at/derivatives/xlsx/YYYY/

5.3 Power Future History Germany/Austria

Criterion	Description
Content	Derivatives market trading results for German/Austrian power futures
Contained Data	F1BM EEX German/Austria Power Base Month Future F1BQ EEX German/Austria Power Base Quarter Future F1BY EEX German/Austria Power Base Year Future F1PM EEX German/Austria Power Peak Month Future F1PQ EEX German/Austria Power Peak Quarter Future F1PY EEX German/Austria Power Peak Year Future F1OM EEX German/Austria Power Off-Peak Month Future F1OQ EEX German/Austria Power Off-Peak Quarter Future F1OY EEX German/Austria Power Off-Peak Year Future
Filename	PowerFutureHistory_Phelix-DEAT_YYYY.xlsx Example: PowerFutureHistory_Phelix-DEAT_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/deat/derivatives/xlsx/YYYY/

5.4 Power Future History Germany

Criterion	Description
Content	Derivatives market trading results for German power futures
Contained Data	DB01-34 EEX German Power Base Day Future DWB1-5 EEX German Power Base Weekend Future DEB1-5 EEX German Power Base Week Future DP01-34 EEX German Power Peak Day Future DWP1-5 EEX German Power Peak Weekend Future DEP1-5 EEX German Power Peak Week Future DEBM EEX German Power Base Month Future DEBQ EEX German Power Base Quarter Future DEBY EEX German Power Base Year Future DEPM EEX German Power Peak Month Future DEPQ EEX German Power Peak Quarter Future DEPY EEX German Power Peak Year Future

Filename	PowerFutureHistory_Phelix-DE_YYYY.xlsx Example: PowerFutureHistory_Phelix-DE_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/de/derivatives/xlsx/YYYY/

5.5 Power Future History OTF Austria

Criterion	Description
Content	Regulated and OTF (Organized Trading Facility) market for Austrian power futures – till the End of 2017 known as Non-MTF
Contained Data	N3BM EEX Austrian Power Base Month OTF Future N3BQ EEX Austrian Power Base Quarter OTF Future N3BY EEX Austrian Power Base Year OTF Futures N3PM EEX Austrian Power Peak Month OTF Future N3PQ EEX Austrian Power Peak Quarter OTF Future N3PY EEX Austrian Power Peak Year OTF Future
Filename	PowerFutureHistory_Phelix-AT_OTF_YYYY.xlsx Example: PowerFutureHistory_Phelix-AT_OTF_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/at_otf/derivatives/xlsx/YYYY/

5.6 Power Future History OTF Germany/Austria

Criterion	Description
Content	Regulated and OTF (Organized Trading Facility) market for German/Austrian power futures – till the End of 2017 known as Non-MTF
Contained Data	N1BM EEX German/Austria Power Base Month OTF Future N1BQ EEX German/Austria Power Base Quarter OTF Future N1BY EEX German/Austria Power Base Year OTF Future N1PM EEX German/Austria Power Peak Month OTF Future N1PQ EEX German/Austria Power Peak Quarter OTF Future N1PY EEX German/Austria Power Peak Year OTF Future
Filename	PowerFutureHistory_Phelix-DEAT_OTF_YYYY.xlsx Example: PowerFutureHistory_Phelix-DEAT_OTF_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/deat_otf/derivatives/xlsx/YYYY/

5.7 Power Future History OTF Germany

Criterion	Description
Content	Regulated and OTF (Organized Trading Facility) market for German power futures – till the End of 2017 known as Non-MTF
Contained Data	N2BM EEX German Power Base Month OTF Future N2BQ EEX German Power Base Quarter OTF Future N2BY EEX German Power Base Year OTF Futures N2PM EEX German Power Peak Month OTF Future N2PQ EEX German Power Peak Quarter OTF Future N2PY EEX German Power Peak Year OTF Futures
Filename	PowerFutureHistory_Phelix-DE_OTF_YYYY.xlsx Example: PowerFutureResults_DE_OTF_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/de_otf/derivatives/xlsx/YYYY/

5.8 Power Future History Belgium

Criterion	Description
Content	Derivatives market trading results for Belgian power futures
Contained Data	Q1BM EEX Belgian Power Base Month Future Q1BQ EEX Belgian Power Base Quarter Future Q1BY EEX Belgian Power Base Year Future
Filename	PowerFutureHistory_BE_YYYY.xlsx Example: PowerFutureHistory_BE_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/be/derivatives/xlsx/YYYY/

5.9 Power Future History Czech

Criterion	Description
Content	Derivatives market trading results for Czech power futures
Contained Data	FX01-34EEX-PXE Czech Power Base Day Future PX01-34EEX-PXE Czech Power Peak Day Future WXB1 EEX-PXE Czech Power Base Weekend Future WXP1 EEX-PXE Czech Power Peak Weekend Future FXB1 EEX-PXE Czech Power Base Week Future

	FXP1 EEX-PXE Czech Power Peak Week Future FXBM EEX-PXE Czech Power Base Month Future FXBQ EEX-PXE Czech Power Base Quarter Future FXBY EEX-PXE Czech Power Base Year Future FXPM EEX-PXE Czech Power Peak Month Future FXPQ EEX-PXE Czech Power Peak Quarter Future FXPY EEX-PXE Czech Power Peak Year Future
Filename	PowerFutureHistory_CZ_YYYY.xlsx Example: PowerFutureHistory_CZ_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/cz/derivatives/xlsx/YYYYY/

5.10 Power Future History Netherlands

Criterion	Description
Content	Derivatives market trading results for Dutch power futures
Contained Data	QB01-34EEX Dutch Power Base Day Future QWB1-5EEX Dutch Power Base Weekend Future Q0B1-5 EEX Dutch Power Base Week Future Q0BM EEX Dutch Power Base Month Future Q0BQ EEX Dutch Power Base Quarter Future Q0BY EEX Dutch Power Base Year Future QP01-34EEX Dutch Power Peak Day Future QWP1-5EEX Dutch Power Peak Weekend Future Q0P1-5 EEX Dutch Power Peak Week Future Q0PM EEX Dutch Power Peak Month Future Q0PQ EEX Dutch Power Peak Quarter Future Q0PY EEX Dutch Power Peak Year Future
Filename	PowerFutureHistory_NL_YYYY.xlsx Example: PowerFutureHistory_NL_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/nl/derivatives/xlsx/YYYYY/

5.11 Power Future History France

Criterion	Description
Content	Derivatives market trading results for French power futures

Contained Data	<p>F701-34 EEX French Power Base Day Future F7W1-5 EEX French Power Base Weekend Future F7B1-5 EEX French Power Base Week Future F7BM EEX French Power Base Month Future F7BQ EEX French Power Base Quarter Future F7BY EEX French Power Base Year Future P701-34 EEX French Power Peak Day Future P7W1-5 EEX French Power Peak Weekend Future F7P1-5 EEX French Power Peak Week Future F7PM EEX French Power Peak Month Future F7PQ EEX French Power Peak Quarter Future F7PY EEX French Power Peak Year Future</p>
Filename	<p>PowerFutureHistory_FR_YYYY.xlsx Example: PowerFutureHistory_FR_2017.xlsx</p>
Download Location	<p>SFTP: sftp://datasource.eex-group.com/market_data/power/fr/derivatives/xlsx/YYYY/</p>

5.12 Power Future History OTF France

Criterion	Description
Content	Regulated and OTF (Organized Trading Facility) for French power futures
Contained Data	<p>N7BM EEX French Power Base Month OTF Future N7BQ EEX French Power Base Quarter OTF Future N7BY EEX French Power Base Year OTF Future N7PM EEX French Power Peak Month OTF Future N7PQ EEX French Power Peak Quarter OTF Future N7PY EEX French Power Peak Year OTF Future</p>
Filename	<p>PowerFutureHistory_FR_OTF_YYYY.xlsx Example: PowerFutureHistory_FR_OTF_2017.xlsx</p>
Download Location	<p>SFTP: sftp://datasource.eex-group.com/market_data/power/fr_otf/derivatives/xlsx/YYYY/</p>

5.13 Power Future History Greece

Criterion	Description
Content	Derivatives market trading results for Greek power futures
Contained Data	<p>FFBM EEX Greek Power Base Month Future</p>

	FFBQ EEX Greek Power Base Quarter Future FFBY EEX Greek Power Base Year Future
Filename	PowerFutureHistory_GR_YYYY.xlsx Example: PowerFutureHistory_GR_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/gr/derivatives/xlsx/YYYY/

5.14 Power Future History Hungary

Criterion	Description
Content	Derivatives market trading results for Hungarian power futures
Contained Data	F901-34 EEX-PXE Hungarian Power Power Base Day Future P901-34 EEX-PXE Hungarian Power Power Peak Day Future W9B1-5 EEX-PXE Hungarian Power Power Base Weekend Future W9P1-5 EEX-PXE Hungarian Power Power Peak Weekend Future F9B1-5 EEX-PXE Hungarian Power Power Base Week 1 F9P1-5 EEX-PXE Hungarian Power Power Peak Week 1 F9BM EEX-PXE Hungarian Power Base Month Future F9BQ EEX-PXE Hungarian Power Base Quarter Future F9BY EEX-PXE Hungarian Power Base Year Future F9PM EEX-PXE Hungarian Power Peak Month Future F9PQ EEX-PXE Hungarian Power Peak Quarter Future F9PY EEX-PXE Hungarian Power Peak Year Future
Filename	PowerFutureHistory_HU_YYYY.xlsx Example: PowerFutureHistory_HU_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/hu/derivatives/xlsx/YYYY/

5.15 Power Future History Italy

Criterion	Description
Content	Derivatives market trading results for Italian power futures
Contained Data	FD01-34 EEX Italian Power Base Day Future FD02 EEX Italian Power Base Day Future FD03 EEX Italian Power Base Day Future FDW1-5 EEX Italian Power Base Weekend Future

	FDB1-5 EEX Italian Power Base Week Future FDBM EEX Italian Power Base Month Future FDBQ EEX Italian Power Base Quarter Future FDBY EEX Italian Power Base Year Future PD01-34EEX Italian Power Peak Day Future PDW1-5 EEX Italian Power Peak Weekend Future FDP1-5 EEX Italian Power Peak Week Future FDPM EEX Italian Power Peak Month Future FDPQ EEX Italian Power Peak Quarter Future FDPY EEX Italian Power Peak Year Future
Filename	PowerFutureHistory_IT_YYYY.xlsx Example: PowerFutureHistory_IT_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/it/derivatives/xlsx/YYYY/

5.16 Nordic Power History Results

Criterion	Description
Content	Derivatives market trading results for Nordic power futures
Contained Data	FBB1-5 EEX Nordic Power Base Week Future FBBM EEX Nordic Power Base Month Future FBBQ EEX Nordic Power Base Quarter Future FBBY EEX Nordic Power Base Year Future
Filename	PowerFutureHistory_Nordic_YYYY.xlsx Example: PowerFutureHistory_Nordic_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/nordic/derivatives/xlsx/YYYY/

5.17 Power Future History Poland

Criterion	Description
Content	Derivatives market trading results for Polish power futures
Contained Data	FPBM EEX-PXE Polish Power Base Month Future FPBQ EEX-PXE Polish Power Base Quarter Future FPBY EEX-PXE Polish Power Base Year Future FPPM EEX-PXE Polish Power Peak Month Future

	FPPQ EEX-PXE Polish Power Peak Quarter Future FPPY EEX-PXE Polish Power Peak Year Future
Filename	PowerFutureHistory_PL_YYYY.xlsx Example: PowerFutureHistory_PL_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/pl/derivatives/xlsx/YYYY/

5.18 Power Future History Romania

Criterion	Description
Content	Derivatives market trading results for Romanian power futures
Contained Data	FHB1-5 EEX-PXE Romanian Power Power Base Week Future FRP1-5 EEX-PXE Romanian Power Power Peak Week Future FHBM EEX-PXE Romanian Power Base Month Future FHBQ EEX-PXE Romanian Power Base Quarter Future FHBY EEX-PXE Romanian Power Base Year Future FRPM EEX-PXE Romanian Power Peak Month Future FRPQ EEX-PXE Romanian Power Peak Quarter Future FRPY EEX-PXE Romanian Power Peak Year Future
Filename	PowerFutureHistory_RO_YYYY.xlsx Example: PowerFutureHistory_RO_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/ro/derivatives/xlsx/YYYY/

5.19 Power Future History Slovakia

Criterion	Description
Content	Derivatives market trading results for Slovak power futures
Contained Data	FYBM EEX-PXE Slovakian Power Base Month Future FYBQ EEX-PXE Slovakian Power Base Quarter Future FYBY EEX-PXE Slovakian Power Base Year Future FYPM EEX-PXE Slovakian Power Peak Month Future FYPQ EEX-PXE Slovakian Power Peak Quarter Future FYPY EEX-PXE Slovakian Power Peak Year Future
Filename	PowerFutureHistory_SK_YYYY.xlsx Example: PowerFutureHistory_SK_2017.xlsx

Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/sk/derivatives/xlsx/YYYYY/
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5.20 Power Future History Spain

Criterion	Description
Content	Derivatives market trading results for Spanish power futures
Contained Data	FE01-34EEX Spanish Power Base Day Future FEW1-5 EEX Spanish Power Base Weekend Future FEB1-5 EEX Spanish Power Base Week Future FEBM EEX Spanish Power Base Month Future FEBQ EEX Spanish Power Base Quarter Future FEBY EEX Spanish Power Base Year Future
Filename	PowerFutureHistory_ES_YYYY.xlsx Example: PowerFutureHistory_ES_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/es/derivatives/xlsx/YYYYY/

5.21 Power Future History Switzerland

Criterion	Description
Content	Derivatives market trading results for Swiss power futures
Contained Data	FC01-34EEX Swiss Power Base Day Future FCW1-5 EEX Swiss Power Base Weekend Future FCB1-5 EEX Swiss Power Base Week Future FCBM EEX Swiss Power Base Month Future FCBQ EEX Swiss Power Base Quarter Future FCBY EEX Swiss Power Base Year Future
Filename	PowerFutureHistory_CH_YYYY.xlsx Example: PowerFutureHistory_CH_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/ch/derivatives/xlsx/YYYYY/

5.22 Power Future History United Kingdom

Criterion	Description
Content	Derivatives market trading results for UK power futures
Contained Data	FU01-34 EEX GB Power Base Day FUW1-5 EEX GB Power Base Weekend FUB1-5 EEX GB Power Base Week FUBM EEX GB Power Base Month FUBQ EEX GB Power Base Quarter FUBY EEX GB Power Base Year FUBS EEX GB Power Base Season FUP1-5 EEX GB Power Peak Week FUPM EEX GB Power Peak Month FUPQ EEX GB Power Peak Quarter FUPY EEX GB Power Peak Year FUPS EEX GB Power Peak Season
Filename	PowerFutureHistory_UK_YYYY.xlsx Example: PowerFutureHistory_UK_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/uk/derivatives/xlsx/YYYY/

5.23 Wind Power Futures History

Criterion	Description
Content	Derivatives market trading results for Wind Power Futures
Contained Data	W1B1-5 EEX German/Austrian Wind Power Week Future W1BM EEX German/Austrian Wind Power Month Future W1BQ EEX German/Austrian Wind Power Quarter Future W1BY EEX German/Austrian Wind Power Year Future
Filename	PowerFutureHistory_DEAT_Wind_YYYY.xlsx Example: PowerFutureHistory_DEAT_Wind_2017.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/de/power/derivatives/xlsx/YYYY/ sftp://datasource.eex-group.com/market_data/at/power/derivatives/xlsx/YYYY/

5.24 Power Futures History Bulgaria

Criterion	Description
Content	Derivatives market trading results for Bulgarian Power Futures
Contained Data	FKB1-5 EEX Bulgarian Power Base Week Futures FKBM EEX Bulgarian Power Base Month Futures FKBQ EEX Bulgarian Power Base Quarter Futures FKBY EEX Bulgarian Power Base Year Futures
Filename	PowerFutureHistory_BG_YYYY.xlsx Example: PowerFutureHistory_BG_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/bg/derivatives/xlsx/YYYY

5.25 Power Futures History Serbia

Criterion	Description
Content	Derivatives market trading results for Bulgarian Power Futures
Contained Data	FKB1-5 EEX Bulgarian Power Base Week Futures FKBM EEX Bulgarian Power Base Month Futures FKBQ EEX Bulgarian Power Base Quarter Futures FKBY EEX Bulgarian Power Base Year Futures
Filename	PowerFutureHistory_BG_YYYY.xlsx Example: PowerFutureHistory_BG_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/bg/derivatives/xlsx/YYYY

5.26 Power Futures History Slovenia

Criterion	Description
Content	Derivatives market trading results for Slovenia Power Futures
Contained Data	FVB1-5 EEX Slovenia Power Base Week Futures FVP1-5 EEX Slovenia Power Peak Week Futures FVBM EEX Slovenia Power Base Month Futures FVPM EEX Slovenia Power Peak Month Futures

	FVBQ EEX Slovenia Power Base Quarter Futures FVPQ EEX Slovenia Power Peak Quarter Futures FVBY EEX Slovenia Power Base Year Futures FVPY EEX Slovenia Power Peak Year Futures
Filename	PowerFutureHistory_SI_YYYY.xlsx Example: PowerFutureHistory_SI_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/si/derivatives/xlsx/YYYY

6. Power Options History

6.1 General Remarks – Power Options History

Criterion	Description
Worksheet Description	Includes Traded Lots; Traded Volume; No of Trades; Open Interest Volume (prev. day); Open Interest Lots (prev. day); for base/peak/total and monthly/quarterly/yearly/all contracts
Displayed Period	1 Calendar Month
Contained Data	Traded Volumes in MWh and price information in EUR/MWh Base – Month, Quarter & Year contracts
Generation Frequency and Time	Every exchange trading day between 6 pm and 9 pm CE(S)T, hence 5 pm and 8 pm UTC in winter period and 4 pm and 7 pm UTC in summer period. Files can be redeployed, if required, due to data updates at any time.
Holiday Calendar	EEX Calendar (see 4.1)
More information	https://www.eex.com/en/market-data/power/options

6.2 Power Option Market History Germany/Austria

Criterion	Description
Content	Derivatives market trading results for Phelix-DE/AT power options
Contained Data	Phelix-DE/AT base year options
Filename	PowerOptionHistory_Phelix-DEAT_YYYYMM.xlsx Example: PowerOptionHistory_Phelix-DEAT_201712.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/deat/derivatives/xlsx/YYYY/

6.3 Power Option Market History Germany

Criterion	Description
Content	Derivatives market trading results for Phelix-DE power options
Contained Data	Phelix-DE base month options; Phelix-DE base quarter options' Phelix-DE base year options
Filename	PowerOptionHistory_Phelix-DE_YYYYMM.xlsx Example: PowerOptionHistory_Phelix-DE_201712.xlsx

Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/de/derivatives/xlsx/YYYY/
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6.4 Power Option Market History France

Criterion	Description
Content	Derivatives market trading results for French power options
Contained Data	French base month options; French base quarter options; French base year options
Filename	PowerOptionHistory_FR_YYYYMM.xlsx Example: PowerOptionHistory_FR_201712.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/fr/derivatives/xlsx/YYYY/

6.5 Power Option Market History Italy

Criterion	Description
Content	Derivatives market trading results for Italian power options
Contained Data	Italian base month options; Italian base quarter options; Italian base year options
Filename	PowerOptionHistory_IT_YYYYMM.xlsx Example: PowerOptionHistory_IT_201712.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/it/derivatives/xlsx/YYYY/

6.6 Power Option Market History Spain

Criterion	Description
Content	Derivatives market trading results for Spanish power options
Contained Data	Spanish base month options; Spanish base quarter options; Spanish base year options
Filename	PowerOptionHistory_ES_YYYYMM.xlsx Example: PowerOptionHistory_ES_201712.xlsx

Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/es/derivatives/xlsx/YYYY/
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7. Power Spot History (EPEX)

7.1 General Remarks - Power Spot History (EPEX)

Criterion	Description
Holiday Calendar	http://www.epexspot.com/en/product-info/holidays
Specifications	https://www.epexspot.com/en/extras/download-center/market_data

8. Natural Gas Spot History

8.1 General Remarks – Natural Gas Spot History

Criterion	Description
Worksheet Description	Includes Instruments: Market Area; Delivery Date and Statistics: Price
Displayed Period	1 Calendar Month
Generation Frequency and Time	Every exchange trading day between 6 pm and 9 pm CE(S)T, hence 5 pm and 8 pm UTC in winter period and 4 pm and 7 pm UTC in summer period. Files can be redeployed, if required, due to data updates at any time.
Holiday Calendar	Powernext Calendar (SPOT) (see 4.1)
More information	https://www.eex.com/en/market-data/natural-gas/spot-market

8.2 Natural Gas Spot History CEGH VTP

Criterion	Description
Area	Austria
Content	Spot market trading results, settlement prices and indices for CEGH Natural Gas
Contained Data	Volumes in MWh and settlement prices in EUR/MWh Settlement prices, EGSI, Within Day Index, Day Ahead, Weekend
Filename	GasSpotHistory_CEGH_VTP_YYYY.xlsx Example: GasSpotHistory_CEGH_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/nat_gas/cegh_vtp/spot/xlsx/YYYY/

8.3 Natural Gas Spot History ZTP

Criterion	Description
Area	Belgium
Content	Spot market trading results, settlement prices and indices for ZTP Natural Gas
Contained Data	Volumes in MWh and settlement prices in EUR/MWh Settlement prices, EGSI, Within Day Index, Day Ahead, Weekend
Filename	GasSpotHistory_ZTP_YYYY.xlsx

	Example: GasSpotHistory_ZTP_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/nat_gas/ztp/spot/xlsx/YYYY/

8.4 Natural Gas Spot History ZEE

Criterion	Description
Area	Belgium
Content	Spot market trading results, settlement prices and indices for ZEE Natural Gas
Contained Data	Volumes in MWh and settlement prices in GBP/th Settlement prices, EGSI, Within Day Index, Day Ahead, Weekend
Filename	GasSpotHistory_ZEE_YYYY.xlsx Example: GasSpotHistory_ZEE_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/nat_gas/zee/spot/xlsx/YYYY/

8.5 Natural Gas Spot History ETF

Criterion	Description
Area	Denmark
Content	Spot market trading results, settlement prices and indices for ETF Natural Gas
Contained Data	Volumes in MWh and settlement prices in EUR/MWh Settlement prices, EGSI, Within Day Index, Day Ahead, Weekend
Filename	GasSpotHistory ETF_YYYY.xlsx Example: GasSpotHistory ETF_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/nat_gas/etf/spot/xlsx/YYYY/

8.6 Natural Gas Spot History PEG Nord

Criterion	Description
Area	France
Content	Spot market trading results, settlement prices and indices for PEG Nord Natural Gas The files were published until the termination of the market area by 31.09.2018

Contained Data	Volumes in MWh and settlement prices in EUR/MWh Settlement prices, EGSI, Within Day Index, Day Ahead, Weekend
Filename	GasSpotHistory_PEGN_YYYY.xlsx Example: GasSpotHistory_PEGN_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/nat_gas/pegn/spot/xlsx/YYYY/

8.7 Natural Gas Spot History NCG

Criterion	Description
Area	Germany
Content	Spot market trading results, settlement prices and indices for NCG Natural Gas
Contained Data	Volumes in MWh and settlement prices in EUR/MWh Settlement prices, EGSI + Within Day Index
Filename	GasSpotHistory_NCG_YYYY.xlsx Example: GasSpotHistory_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/nat_gas/ngc/spot/xlsx/YYYY/

8.8 Natural Gas Spot History GASPOOL

Criterion	Description
Area	Germany
Content	Spot market trading results, settlement prices and indices for GASPOOL Natural Gas
Contained Data	Volumes in MWh and settlement prices in EUR/MWh Settlement prices, EGSI, Within Day Index, Day Ahead, Weekend
Filename	GasSpotHistory_GASPOOL_YYYY.xlsx Example: GasSpotHistory_GASPOOL_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/nat_gas/gpl/spot/xlsx/YYYY/

8.9 Natural Gas Spot History TTF

Criterion	Description
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Area	Netherlands
Content	Spot market trading results, settlement prices and indices for TTF Natural Gas
Contained Data	Volumes in MWh and settlement prices in EUR/MWh Settlement prices, EGSI, Within Day Index, Day Ahead, Weekend
Filename	GasSpotHistory_TTF_YYYY.xlsx Example: GasSpotHistory_TTF_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/nat_gas/ttf/spot/xlsx/YYYY/

8.10 Natural Gas Spot History NBP

Criterion	Description
Area	United Kingdom
Content	Spot market trading results, settlement prices and indices for NBP Natural Gas
Contained Data	Volumes in th and the price information in GBP/th Settlement prices, EGSI, Within Day Index, Day Ahead, Weekend
Filename	GasSpotHistory_NBP_YYYY.xlsx Example: GasSpotHistory_NBP_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/nat_gas/nbp/spot/xlsx/YYYY/

8.11 Natural Gas Spot History TRS

Criterion	Description
Area	France
Content	Spot market trading results, settlement prices and indices for TRS Natural Gas The files were published until the termination of the market area by 31.09.2018
Contained Data	Volumes in MWh and settlement prices in EUR/MWh Settlement prices, EGSI, Within Day Index, Day Ahead, Weekend
Filename	GasSpotHistory_TRS_YYYY.xlsx Example: GasSpotHistory_TRS_2019.xlsx

Download Location	SFTP: sftp://datasource.eex-group.com/market_data/nat_gas/trs/spot/xlsx/YYYY/
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8.12 Natural Gas Spot History CZ_VTP

Criterion	Description
Area	Czech Republic
Content	Spot market trading results, settlement prices and indices for OTE Natural Gas
Contained Data	Volumes in MWh and settlement prices in EUR/MWh Settlement prices, EGSI, Within Day Index, Day Ahead, Weekend
Filename	GasSpotHistory_CZ_VTP_YYYY.xlsx Example: GasSpotHistory_CZ_VTP_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/nat_gas/cz_vtp/spot/xlsx/YYYY/

8.13 Natural Gas Spot History PEG

Criterion	Description
Area	France
Content	Spot market trading results, settlement prices and indices for PEG Natural Gas
Contained Data	Volumes in MWh and settlement prices in EUR/MWh Settlement prices, EGSI, Within Day Index, Day Ahead, Weekend
Filename	GasSpotHistory_PEG_YYYY.xlsx Example: GasSpotMarketHistory_PEG_2018.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/natgas/peg/spot/xlsx/YYYY/

9. Natural Gas Futures History

9.1 General Remarks – Natural Gas Futures History

Criterion	Description
Displayed Period	One Year
Generation Frequency and Time	Every exchange trading day, between 6 pm and 9 pm CE(S)T, 5 pm and 8 pm UTC, to publish indices and settlement prices and between 2 and 4 am CE(S)T for market statistics. Files can be redeployed, if required, due to data updates at any time.
Holiday Calendar	Powernext Calendar (Futures) (see 4.1)
More information	https://www.eex.com/en/market-data/natural-gas

9.2 Natural Gas Futures History CEGH VTP

Criterion	Description
Area	Austria
Content	Futures market trading results for Central European Gas Hub (VTP) Regulated and OTF (Organised Trading Facility) market
Contained Data	Volumes in MWh and settlement prices in EUR/MWh G8BM PEGAS-CEGH Natural Gas Month RM Future G8BQ PEGAS-CEGH Natural Gas Quarter RM Future G8BS PEGAS-CEGH Natural Gas Season RM Future G8BY PEGAS-CEGH Natural Gas Year RM Future H8BM PEGAS-CEGH Natural Gas Month OTF Future H8BQ PEGAS-CEGH Natural Gas Quarter OTF Future H8BS PEGAS-CEGH Natural Gas Season OTF Future H8BY PEGAS-CEGH Natural Gas Year OTF Future
Filename	GasFutureHistory_CEGH_VTP_YYYY.xlsx Example: GasFutureHistory_CEGH_VTP_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/gas/market_data/nat_gas/cegh_vtp/derivatives/xlsx/YYYY/

9.3 Natural Gas Futures History ZTP

Criterion	Description
Area	Belgium

Content	Futures markets trading results for market area ZTP Regulated and OTF (Organised Trading Facility) market
Contained Data	Volumes in MWh and settlement prices in EUR/MWh HBBM PEGAS ZTP Natural Gas Month OTF Future HBBQ PEGAS ZTP Natural Gas Quarter OTF Future HBBS PEGAS ZTP Natural Gas Season OTF Future HBBY PEGAS ZTP Natural Gas Year OTF Future GBBM PEGAS ZTP Natural Gas Month RM Future GBBQ PEGAS ZTP Natural Gas Quarter RM Future GBBS PEGAS ZTP Natural Gas Season RM Future GBBY PEGAS ZTP Natural Gas Year RM Future
Filename	GasFutureHistory_ZTP_YYYY.xlsx Example: GasFutureHistory_ZTP_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/gas/market_data/nat_gas/ztp/derivatives/xlsx/YYYY/

9.4 Natural Gas Futures History ZEE

Criterion	Description
Area	Belgium
Content	Futures markets trading results for Zeebrugge Hub Regulated and OTF (Organised Trading Facility) market
Contained Data	Volumes in th and the price information in GBP/th GABM PEGAS ZEE Natural Gas Month Future GABQ PEGAS ZEE Natural Gas Quarter Future GABS PEGAS ZEE Natural Gas Season Future GABY PEGAS ZEE Natural Gas Year Future HABM PEGAS ZEE Natural Gas Month OTF Future HABQ PEGAS ZEE Natural Gas Quarter OTF Future HABS PEGAS ZEE Natural Gas Season OTF Future HABY PEGAS ZEE Natural Gas Year OTF Future
Filename	GasFutureHistory_ZEE_YYYY.xlsx Example: GasFutureHistory_ZEE_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/gas/market_data/nat_gas/zee/derivatives/xlsx/YYYY/

9.5 Natural Gas Futures History ETF

Criterion	Description
Area	Denmark
Content	Futures market trading results for ETF Hub Regulated and OTF (Organised Trading Facility) market
Contained Data	Volumes in MWh and settlement prices in EUR/MWh GDBM PEGAS ETF Natural Gas Month Future GDBQ PEGAS ETF Natural Gas Quarter Future GDBS PEGAS ETF Natural Gas Season Future GDBY PEGAS ETF Natural Gas Year Future HDBM PEGAS ETF Natural Gas Month OTF Future HDBQ PEGAS ETF Natural Gas Quarter OTF Future HDBS PEGAS ETF Natural Gas Season OTF Future HDBY PEGAS ETF Natural Gas Year OTF Future
Filename	GasFutureHistory_ETF_YYYY.xlsx Example: GasFutureHistory_ETF_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/gas/market_data/nat_gas/etf/derivatives/xlsx/YYYY/

9.6 Natural Gas Futures History PEGN

Criterion	Description
Area	France
Content	Futures market trading results for PEGAS Nord Regulated and OTF (Organised Trading Facility) market The files will be published until the termination of the market area by 31.09.2018
Contained Data	Volumes in MWh and settlement prices in EUR/MWh G5BM PEGAS PEG Natural Gas Month Future G5BQ PEGAS PEG Natural Gas Quarter Future G5BS PEGAS PEG Natural Gas Season Future G5BY PEGAS PEG Natural Gas Year Future H5BQ PEGAS PEG Natural Gas Month OTF Future H5BS PEGAS PEG Natural Gas Quarter OTF Future H5BY PEGAS PEG Natural Gas Season OTF Future H5BM PEGAS PEG Natural Gas Year OTF Future
Filename	GasFutureHistory_PEGN_YYYY.xlsx Example: GasFutureHistory_PEGN_2019.xlsx

Download Location	SFTP: sftp://datasource.eex-group.com/gas/market_data/nat_gas/pegn/derivatives/xlsx/YYYY/
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9.7 Natural Gas Futures History NCG

Criterion	Description
Area	Germany
Content	Futures market trading results for NetConnect Germany Platform Regulated and OTF (Organised Trading Facility) market
Contained Data	Volumes in MWh and settlement prices in EUR/MWh G0BM PEGAS NCG Natural Gas Month Future G0BQ PEGAS NCG Natural Gas Quarter Future G0BS PEGAS NCG Natural Gas Season Future G0BY PEGAS NCG Natural Gas Year Future H0BM PEGAS NCG Natural Gas Month OTF Future H0BQ PEGAS NCG Natural Gas Quarter OTF Future H0BS PEGAS NCG Natural Gas Season OTF Future H0BY PEGAS NCG Natural Gas Year OTF Future
Filename	GasFutureHistory_NCG_YYYY.xlsx Example: GasFutureHistory_NCG_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/gas/market_data/nat_gas/nCG/derivatives/xlsx/YYYY/

9.8 Natural Gas Futures History GASPOOL

Criterion	Description
Area	Germany
Content	Futures market trading results for GASPOOL Regulated and OTF (Organised Trading Facility) market
Contained Data	G2BM PEGAS GPL Natural Gas Month RM Future G2BQ PEGAS GPL Natural Gas Quarter RM Future G2BS PEGAS GPL Natural Gas Season RM Future G2BY PEGAS GPL Natural Gas Year RM Future H2BM PEGAS GPL Natural Gas Month OTF Future H2BQ PEGAS GPL Natural Gas Quarter OTF Future H2BS PEGAS GPL Natural Gas Season OTF Future H2BY PEGAS GPL Natural Gas Year OTF Future
Filename	GasFutureHistory_GASPOOL_YYYY.xlsx

	Example: GasFutureHistory_GASPOOL_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/gas/market_data/nat_gas/gaspool/derivatives/xlsx/YYYY/

9.9 Natural Gas Futures History TTF

Area	Netherlands
Content	Futures market trading results for Title Transfer Facility (VTP) Regulated and OTF (Organised Trading Facility) market
Contained Data	Volumes in MWh and settlement prices in EUR/MWh G3BM PEGAS TTF Natural Gas Month Future G3BQ PEGAS TTF Natural Gas Quarter Future G3BS PEGAS TTF Natural Gas Season Future G3BY PEGAS TTF Natural Gas Year Future H3BM PEGAS TTF Natural Gas Month OTF Future H3BQ PEGAS TTF Natural Gas Quarter OTF Future H3BS PEGAS TTF Natural Gas Season OTF Future H3BY PEGAS TTF Natural Gas Year OTF Future
Filename	GasFutureHistory_TTF_YYYY.xlsx Example: GasFutureHistory_TTF_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/gas/market_data/nat_gas/ttf/derivatives/xlsx/YYYY/

9.10 Natural Gas Futures History NBP

Criterion	Description
Area	United Kingdom
Content	Futures trading results for National Balancing Point Regulated and OTF (Organised Trading Facility) market
Contained Data	Volumes in th and the price information in GBP/th G9BM PEGAS NBP Natural Gas Month Future G9BQ PEGAS NBP Natural Gas Quarter Future G9BS PEGAS NBP Natural Gas Season Future G9BY PEGAS NBP Natural Gas Year Future H9BM PEGAS NBP Natural Gas Month OTF Future H9BQ PEGAS NBP Natural Gas Quarter OTF Future H9BS PEGAS NBP Natural Gas Season OTF Future

	H9BY PEGAS NBP Natural Gas Year OTF Future
Filename	GasFutureHistory_NBP_YYYY.xlsx Example: GasFutureHistory_NBP_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/gas/market_data/nat_gas/nbp/derivatives/xlsx/YYYY/

9.11 Natural Gas Futures History TRS

Criterion	Description
Area	France
Content	Futures market trading results for Trading Region South Regulated and OTF (Organised Trading Facility) market The files will be published until the termination of the market area by 31.09.2018
Contained Data	Volumes in MWh and settlement prices in EUR/MWh G6BM PEGAS PEG Natural Gas Future H6BM PEGAS PEG Natural Gas OTF Future
Filename	GasFutureHistory_TRS_YYYY.xlsx Example: GasFutureHistory_TRS_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/gas/market_data/nat_gas/trs/derivatives/xlsx/YYYY/

9.12 Natural Gas Futures History CZ VTP

Criterion	Description
Area	Czech Republic
Content	Futures market trading results for Central European Gas Hub CZ (VTP) Only regulated market
Contained Data	Volumes in MWh and settlement prices in EUR/MWh G1BM PEGAS-CEGH Czech Natural Gas Month Futures G1BQ PEGAS-CEGH Czech Natural Gas Quarter Futures G1BS PEGAS-CEGH Czech Natural Gas Season Futures G1BY PEGAS-CEGH Czech Natural Gas Year Futures
Filename	GasFutureHistory_CZ_VTP_YYYY.xlsx Example: GasFutureHistory_CZ_VTP_2019.xlsx

Download Location	SFTP: sftp://datasource.eex-group.com/gas/market_data/nat_gas/cz_vtp/derivatives/xlsx/YYYY/
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As of beginning of year 2018 month contracts will be published up to the last delivery day.

9.13 Natural Gas Futures History PSV

Criterion	Description
Area	Italy
Content	Futures market trading results for Punto di Scambio Virtuale (VTP) Regulated and OTF (Organised Trading Facility) market
Contained Data	Volumes in MWh and settlement prices in EUR/MWh GIBM PEGAS Italian Natural Gas Month Future GIBQ PEGAS Italian Natural Gas Quarter Future GIBS PEGAS Italian Natural Gas Season Future GIBY PEGAS Italian Natural Gas Year Future GCBM PEGAS PSV Natural Gas Physical Month Future GCBQ PEGAS PSV Natural Gas Physical Quarter Future GCBS PEGAS PSV Natural Gas Physical Season Future GCBY PEGAS PSV Natural Gas Physical Year Future HCBM PEGAS PSV Natural Gas Month OTF Future HCBQ PEGAS PSV Natural Gas Quarter OTF Future HCBS PEGAS PSV Natural Gas Season OTF Future HCBY PEGAS PSV Natural Gas Year OTF Future
Filename	GasFutureHistory_PSV_YYYY.xlsx Example: GasFutureHistory_PSV_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/gas/market_data/nat_gas/psv/derivatives/xlsx/YYYY/

9.14 Natural Gas Futures History PEG

Criterion	Description
Area	France
Content	Future market trading results and settlement prices for PEG Natural Gas Regulated and OTF (Organised Trading Facility) market
Contained Data	Volumes in MWh and settlement prices in EUR/MWh G5BM PEGAS PEG Natural Gas Month Future G5BQ PEGAS PEG Natural Gas Quarter Future

	G5BS PEGAS PEG Natural Gas Season Future G5BY PEGAS PEG Natural Gas Year Future H5BQ PEGAS PEG Natural Gas Month OTF Future H5BS PEGAS PEG Natural Gas Quarter OTF Future H5BY PEGAS PEG Natural Gas Season OTF Future H5BM PEGAS PEG Natural Gas Year OTF Future
Filename	GasFutureHistory_PEG_YYYY.xlsx Example: GasFutureHistory_PEG_2018.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/natgas/peg/derivatives/xlsx/YYYYY/

9.15 Natural Gas Futures History PVB

Criterion	Description
Area	Spain
Content	Future market trading results and settlement prices for market area PVB Regulated market
Contained Data	Volumes in MWh and settlement prices in EUR/MWh GEBM PVB Natural Gas Month Futures GEBQ PVB Natural Gas Quarter Futures GEBS PVB Natural Gas Season Futures GEBY PVB Natural Gas Year Futures
Filename	GasFutureHistory_PVB_YYYY.xlsx Example: GasFutureHistory_PVB_2018.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/natgas/pvb/derivatives/xlsx/YYYYY/

9.16 Natural Gas Futures History LNG

Criterion	Description
Content	Future market trading results and settlement prices for PEGAS JKM® LNG Trade Registration
Contained Data	Volumes in MMBtu and settlement prices in USD/MMBtu GEBM PVB Natural Gas Month Futures GEBQ PVB Natural Gas Quarter Futures GEBS PVB Natural Gas Season Futures

	GEBY PVB Natural Gas Year Futures
Filename	GasFutureHistory_LNG_YYYY.xlsx Example: GasFutureHistory_LNG_2018.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/natgas/lng/derivatives/xlsx/YYYY/

10. Natural Gas Options History

10.1 General Remarks – Natural Gas Options History

Criterion	Description
Displayed Period	1 Calendar Month
Contained Data	Volumes in MWh and settlement prices in EUR/MWh
Generation Frequency and Time	Every exchange trading day, between 6 pm and 9 pm. Files can be redeployed, if required, due to data updates at any time.
Holiday Calendar	EEX Calendar (see 4.1)
More information	https://www.eex.com/en/market-data/natural-gas

10.2 Gas Options History TTF

Criterion	Description
Area	Netherlands
Content	Options market trading results for Title Transfer Facility (VTP)
Contained Data	Volumes in MWh and settlement prices in EUR/MWh TTF natural gas month options
Filename	GasOptionHistory_TTF_YYYYMM.xlsx Example: GasOptionHistory_TTF_201911.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/gas/market_data/nat_gas/ttf/derivatives/xlsx/YYYY/

11. Environmental - Spot Market

11.1 Emission Spot Primary Market Auction Report

Criterion	Description
Area	European Economic Area States (EEA) EU plus Iceland, Lichtenstein and Norway
Worksheet Description	Includes "Auction date; Time [UTC]; Auction name; Contract; Status; Auction clearing price [€/tCO ₂]; Minimum bid [€/tCO ₂]; Maximum bid [€/tCO ₂]; Mean [€/tCO ₂]; Median [€/tCO ₂]; Auction volume[tCO ₂]; Total volume of bids submitted [tCO ₂]; Number of bids submitted; Number of successful bids; Average number of bids per bidder; Average bid size [tCO ₂]; Average volume bid per bidder [tCO ₂]; Standard deviation of bid volume per bidder [tCO ₂]; Average volume won per bidder [tCO ₂]; Standard deviation of volume won per bidder [tCO ₂]; Cover ratio; Total number of bidders; Number of successful bidders; Total revenue [€]; Country; Austria (AT) [€]; Belgium (BE) [€]; Bulgaria (BG) [€]; Cyprus (CY) [€]; Czech Republic (CZ) [€]; Germany (DE) [€]; Denmark (DK) [€]; Estonia (EE) [€]; Greece (EL) [€]; Spain (ES) [€]; Finland (FI) [€]; France (FR) [€]; Croatia (HR) [€]; Hungary (HU) [€]; Ireland (IE) [€]; Italy (IT) [€]; Lithuania (LT) [€]; Luxembourg (LU) [€]; Latvia (LV) [€]; Malta (MT) [€]; Netherlands (NL) [€]; Poland (PL) [€]; Portugal (PT) [€]; Romania (RO) [€]; Sweden (SE) [€]; Slovenia (SI) [€]; Slovakia (SK) [€]
Content	Contract's volumes in t CO ₂ and price information in Euros Primary Spot Auction results for European Emission Allowances (EUA)
Displayed Period	1 calendar year
Auction days	EU Primary Auction CAP2 Every Monday, Tuesday, & Thursday 9 am – 11 am CE(S)T, hence 8 am – 10 am UTC in winter period and 7 am - 9 am UTC in summer period Polish Primary Auction CAP2 Every second Wednesday 9 am – 11 am CE(S)T, hence 8 am – 10 am UTC in winter period and 7 am - 9 am UTC in summer period German Primary Auction CAP2 Every Friday 9 am – 11 am CE(S)T, hence 8 am – 10 am UTC in winter period and 7 am - 9 am UTC in summer period
Contained Data	European Emission Allowances; European Aviation Allowances
Filename	EmissionSpotPrimaryMarketAuctionReport_YYYY.xlsx Example: EmissionSpotPrimaryMarketAuctionReport_2019.xlsx

Download Location	SFTP://datasource.eex-group.com/eod/market_data/environmental/spot/ xlsx/YYYY
More Information	https://www.eex.com/en/products/environmental-markets/emissions-auctions/overview
& Auction Calendar	Please see https://www.eex.com/en/trading/calendar for auction calendar

11.2 Emission Spot Secondary Market History

Criterion	Description
Area	European Economic Area States (EEA) EU plus Iceland, Lichtenstein and Norway
Worksheet Description	Includes Code; Maturity; Lot Size; Settlement Price; Open Price; Timestamp Open Price; High Price; Timestamp High Price; Low Price; Timestamp Low Price; Last Price; Timestamp Last Price; Traded Lots; Traded Volume; Number of Trades
Content	Contract's volumes in t CO ₂ and price information in Euros
Displayed Period	1 calendar year
Generation Frequency and Time	Every exchange trading day according to EEX Calendar (see 4.1) between 5:30 pm and 8 pm CE(S)T, hence 4:30 pm and 7 pm UTC in winter period and 3:30 pm and 6 pm UTC in summer period. Files can be redeployed, if required, due to data updates at any time.
Contained Data	Continuous trading for emission allowances (EUA, EUAA, Green CER)
Filename	EmissionSpotSecondaryMarketHistory_YYYY.xlsx Example: EmissionSpotSecondaryMarketHistory_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/environmental/spot/xlsx/YYYY

12. Environmental – Derivatives

12.1 Emission Futures History

Criterion	Description
Content	Derivatives market trading results for European Carbon and Certified Emission Reduction Futures Also Primary Auction trading results
Displayed Period	1 calendar year
Contained Data	Contract's volumes in t CO ₂ and price information in EUR/t CO ₂ . FEUA EEX EUA Future F2CR EEX CER Future FEAA EEX EUAA Future
Generation Frequency and Time	Every exchange trading day, between 6 pm and 9 pm. Files can be redeployed, if required, due to data updates at any time.
Filename	EmissionFutureHistory_YYYY.xlsx Example: EmissionFutureHistory_2014.xlsx
Download Location	SFTP://datasource.eex-group.com/eod/market_data/environmental/derivatives/xlsx/YYYY/
More information	https://www.eex.com/en/market-data/environmental-markets/derivatives-market

12.2 Emission Allowance Option History File

Criterion	Description
Content	Derivatives market trading results for Emission Allowance Options
Displayed Period	1 month
Contained Data	European emission options market trading results and trades
Generation Frequency and Time	Every exchange trading day, between 6 pm and 9 pm
Filename	EmissionAllowanceOptionHistory_YYYYMM.xlsx Example: EmissionAllowanceOptionHistory__201911.xlsx
Download Location	SFTP://datasource.eex-group.com/eod/market_data/environmental/derivatives/xlsx/YYYY/
More information	https://www.eex.com/en/market-data/environmental-markets/option-european-emission-allowances-futures

12.3 Biomass Future Markets History

Criterion	Description
Content	Derivatives market trading results for Biomass Futures
Displayed Period	1 Calendar year
Contained Data	Derivatives Market trading results for Biomass Futures FTIM EEX Wood-Pellets CIF ARA Future
Generation Frequency and Time	Every exchange trading day, between 6 pm and 9 pm
Filename	BiomassFutureHistory_YYYY.xlsx Example: BiomassFutureHistory_2019.xlsx
Download Location	SFTP://datasource.eex-group.com/market_data/environmental/derivatives/xlsx/YYYY/
More information	https://www.eex.com/en/market-data/energiewende-products

13. Agricultural Futures

13.1 General Remarks – Agricultural Futures

Criterion	Description
Worksheet Description	Includes Publishing Date; Reference Week; Index Name; Price
Displayed Period	1 Calendar year
Contained Data	FABT EEX European Butter Future: Contract's volumes in t and price information in EUR/t. FAPP EEX European Processing Potato Future: Contract's volumes in 100kg and price information in EUR/100kg. FAWH EEX European Whey Powder Future: Contract's volumes in t and price information EUR/t FASM EEX European Skimmed Milk Powder Future: Contract's volumes in t and price information in EUR/t FALM EEX European Liquid Milk Future
Generation Frequency and Time	Every exchange trading day, between 6 pm and 9 pm. Files can be redeployed, if required, due to data updates at any time.
Holiday Calendar	EEX Calendar (see 4.1)
More Information	https://www.eex.com/en/products/agricultural-markets

13.2 Agricultural Future Market History

Criterion	Description
Area	Germany, France, the Netherlands. For potatoes also Belgium
Content	<u>Derivatives market trading results for:</u> Butter Futures European Processing Potato Futures European Whey Powder Futures Skimmed Milk Powder Futures Liquid Milk Future
Contained Data	Butter Futures – German/French/Netherlands; European Processing Potato Futures – Belgium/German/France/Netherlands; European Whey Powder Futures – DE/FR/NL; Skimmed Milk Powder Futures – German/France/Netherlands; Liquid Milk Future – German/Netherlands/Denmark/Ireland

Filename	AgricultureFutureHistory_YYYY.xlsx Example: AgricultureFutureHistory_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/agricultural/derivatives/xlsx/YYYY/

14. Agricultural Indices

14.1 General Remarks – Agricultural Indices

Criterion	Description
Area	Germany, France, the Netherlands. For potatoes also Belgium
Worksheet Description	Includes Publishing Date; Reference Week; Index Name; Price
Displayed Period	Whole history
Contained Data	Butter: Contract's volumes in t and price information in EUR/t. Potatoes: Contract's volumes in 100kg and price information in EUR/100kg. Whey Powder: Contract's volumes in t and price information EUR/t Skimmed Milk Powder: Contract's volumes in t and price information in EUR/t Liquid Milk Contract's Contract's volumes in t and price information in EUR/t
Generation Frequency and Time	Potatoes – every Thursday (November – June), 3 pm CE(S)T, hence 2 pm UTC in winter period and 1 pm UTC in summer period Dairy Products – every Wednesday – 3 pm CE(S)T, hence 2 pm UTC in winter period and 1 pm UTC in summer period
Holiday Calendar	EEX Calendar (see 4.1)
More Information	https://www.eex.com/en/products/agricultural-markets Further index explanations are available at: https://www.eex.com/en/trading/indices

14.2 Butter Index History File

Criterion	Description
Content	Butter Index price and quotations
Contained Data	Butter Index – German/French/Netherlands
Filename	AgricultureIndexHistory_Butter_YYYY.xlsx Example: AgricultureIndexHistory_Butter_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/agricultural/derivatives/xlsx/YYYY/

14.3 Skimmed Milk Powder Index History File

Criterion	Description
Content	Skimmed Milk Powder Index price and quotations
Contained Data	Skimmed Milk Powder Index – German/France/Netherlands
Filename	AgricultureIndexHistory_SkimmedMilkPowder_YYYY.xlsx Example: AgricultureIndexHistory_SkimmedMilkPowder_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/agricultural/derivatives/xlsx/YYYY/

14.4 Liquid Milk Index History File

Criterion	Description
Content	European Liquid Milk Index price and quotations for Germany, France and the Netherlands
Contained Data	Unit in EUR/t German/French/Dutch European liquid milk index; European Liquid Milk index
Filename	AgricultureIndexHistory_LiquidMilk_YYYY.xlsx Example: AgricultureIndexHistory_LiquidMilk_2018.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/agricultural/derivatives/xlsx/YYYY/

14.5 European Whey Powder Index History File

Criterion	Description
Content	European Whey Powder Index price and quotations
Contained Data	European Whey Powder Futures – German/France/Netherlands
Filename	AgricultureIndexHistory_EuropeanWheyPowder_YYYY.xlsx Example: AgricultureIndexHistory_EuropeanWheyPowder_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/agricultural/derivatives/xlsx/YYYY/

14.6 European Processing Potato Index History File

Criterion	Description
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Content	European Processing Potato Index price
Contained Data	European Processing Potato Futures – Belgium/German/France/Netherlands
Filename	AgricultureIndexHistory_EuropeanProcessingPotatoIndexHistory_YYYY.xlsx Example: AgricultureIndexHistory_EuropeanProcessingPotatoIndexHistory_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/agricultural/derivatives/xlsx/YYYY/

15. Freight Futures History

15.1 General Remarks – Freight Futures History

Note: Freight future files apply the general future file layout except one difference. This file does not contain a settlement price field in the detail tabs.

Criterion	Description
Displayed Period	1 calendar year
Contained data	Contract's volumes in days and price information in USD/day. In
Generation Frequency and Time	Every exchange trading day, between 6 pm and 9 pm. Files can be redeployed, if required, due to data updates at any time.
Holiday Calendar	EEX Calendar (see 4.1)
More information	https://www.eex.com/en/products/global-commodities/freight

15.2 Dry Bulk Trip Time Charter Basket Routes Freight Futures History

Criterion	Description
Content	Derivatives market trading results for Dry Bulk Time Charter Basket Routes Freight Futures
Contained Data	P1AM EEX Panamax TA P1A Freight Future P2AM EEX Panamax Far Est P2A Freight Future P3AM EEX Panamax Pacific P3A Freight Future
Filename	DryBulkTripTimeCharterBasketRoutesFreightFuturesHistory_YYYY.xlsx Example: DryBulkTripTimeCharterBasketRoutesFreightFuturesHistory_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/freight/derivatives/xlsx/YYYY/

15.3 Dry Bulk Time Charter Basket Routes Freight Futures History

Criterion	Description
Content	Dry Bulk Trip Time Charter Routes Freight Futures
Contained Data	CTCM EEX Capesize 4TC Freight Future CPTM EEX Capesize 5TC Freight Future PTCM EEX Panamax 4TC Freight Future STCM EEX Supramax 6TC Freight Future HTCM EEX Handysize 6TC Freight Future

	P5TC Panamax 5TC Futures
Filename	DryBulkTimeCharterBasketRoutesFreightFuturesHistory_YYYY.xlsx Example: DryBulkTimeCharterBasketRoutesFreightFuturesHistory_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/freight/derivatives/xlsx/YYYY/

15.4 Dry Bulk Voyage Routes Freight Futures History

Criterion	Description
Content	Dry Bulk Voyage Routes Freight Futures
Contained Data	C3EM EEX Capesize C3 Freight Future C4EM EEX Capesize C4 Freight Future C5EM EEX Capesize C5 Freight Future C7EM EEX Capesize C7 Freight Future
Filename	DryBulkVoyageRoutesFreightFuturesHistory_YYYY.xlsx Example: DryBulkVoyageRoutesFreightFuturesHistory_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/freight/derivatives/xlsx/YYYY/

15.5 Freight Option Market History

Criterion	Description
Content	Derivatives market trading results for Dry Bulk Time Charter Basket Routes Options
Displayed Period	1 calendar month
Contained Data	Supramax TC options; Capesize TC 4 options; Capesize TC 5 options; Panamax TC options; Handysize TC options; Panamax 5TC options
Generation Frequency and Time	Every exchange trading day, between 6 pm and 9 pm
Filename	FreightOptionHistory_YYYYMM.xlsx Example: FreightOptionHistory_201901.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/freight/derivatives/xlsx/YYYYMM/

16. Ferrous Metals Futures

16.1 Ferrous Metals Futures History

Criterion	Description
Content	Derivatives market trading results for Iron Ore Futures
Displayed Period	1 calendar year
Contained Data	Contract's volumes in days and price information in USD/day IOTM EEX Iron Ore 62% FE Tianjin Future
Generation Frequency and Time	Every exchange trading day, between 6 pm and 9 pm. Files can be redeployed, if required, due to data updates at any time.
Filename	MetalFutureHistory_YYYY.xlsx Example: MetalFutureHistory_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/metal/derivatives/xlsx/YYYYY/
More information	https://www.eex.com/en/market-data/metals

17. Additional Data

17.1 Power Spot Index ELIX History

Criterion	Description
Area	Germany, Austria, Switzerland, France
Worksheet Description	Includes Delivery Date; Index Type; Price
Content	Values for European Electricity Index ELIX in EUR/MWh (Base & Peak)
Displayed Period	1 calendar year
Generation Frequency and Time	Every exchange day between 2:30 pm and 4:30 pm CE(S)T, hence 1:30 pm and 3:30 pm UTC in winter period and 12:30 pm and 2:30 pm UTC in summer period
Filename	PowerSpotHistory_ELIX_YYYY.xlsx Example: PowerSpotHistory_ELIX_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/additional_data/ELIX//xlsx/YYYY/
More Information	https://www.eex.com/en/trading/indices

17.2 Emission Spot Index ECarbix History

Criterion	Description
Worksheet Description	Includes Index Type; Price; Traded Volume
Content	Values for ECarbix results for European Emission Allowances and Primary Spot Auction.
Displayed Period	1 calendar year
Contained Data	Contract's volumes in t CO ₂ and price information in Euros. Spot Market trading results for European Emission Allowances
Generation Frequency and Time	Every exchange trading day, between 6 pm and 9 pm
Filename	EmissionSpotMarketHistory_ECarbix_YYYY.xlsx Example: EmissionSpotMarketHistory_ECarbix_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/additional_data/ECarbix/xlsx/YYYY/
More Information	https://www.eex.com/en/trading/indices

17.3 Gas Futures Index EGIX History

Criterion	Description
Worksheet Description	Includes Trading Day; Front Contract; Market Area; EGIX; Price; Volume
Content	Gas future market results for EGIX
Displayed Period	1 calendar year
Contained Data	Unit in EUR/MWh or GBP/th EGIX German/GASPOOL/NCG month futures; EGIX German/GASPOOL/NCG day futures
Generation Frequency and Time	Every exchange trading day, between 6 pm and 9 pm
Filename	GasFuturesHistory_EGIX_YYYY.xlsx Example: GasFuturesHistory_EGIX_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/additional_data/EGIX/xlsx/YYYY/
More Information	https://www.eex.com/en/trading/indices

17.4 KWK Index History

Criterion	Description
Worksheet Description	Includes Index; Quarter; Price
Content	Index results for KWK
Displayed Period	1 calendar year
Contained Data	Unit in EUR/MWh KWK prices and volumes
Generation Frequency and Time	First working day after beginning of a new quarter between 3 and 6 pm.
Filename	KWK-Index_YYYY.xlsx Example: KWK-Index_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/market_data/power/de/derivatives/xlsx/YYYY

17.5 Gas Spot APDD History NCG

Criterion	Description
Area	Germany, NCG
Worksheet Description	Includes Delivery Day; Timestamp; Marginal Buy Price EUR/MWh; Marginal Sell Price EUR/MWh; Weighted Average Price EUR/MWh; Volume
Content	Average price calculated per delivery day of spot market trades in NCG market area
Displayed Period	All trading days for one delivery day
Contained Data	Volumes in MWh and prices in EUR/MWh
Generation Frequency and Time	Every next trading day 3 am CE(S)T hence 2 pm UTC in winter period and 1 pm UTC in summer period
Filename	GasSpotAPDDHistory_NCG_YYYY.xlsx Example: GasSpotAPDDHistory_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/additional_data/apdd/ngc/xlsx/YYYY
More information	https://www.eex.com/en/market-data/natural-gas

17.6 Gas Spot APDD History GASPOOL

Criterion	Description
Area	Germany, Gaspool
Content	Average price calculated per delivery day of spot market trades in market are GASPOOL
Displayed Period	All trading days for one delivery day
Contained Data	Volumes in MWh and prices in EURO/MWh
Generation Frequency and Time	Every next trading day 3 am CE(S)T hence 2 pm UTC in winter period and 1 pm UTC in summer period
Filename	GasSpotAPDDHistory_GASPOOL_YYYY.xlsx Example: GasSpotAPDDHistory_GASPOOL_2019.xlsx
Download Location	SFTP: sftp://datasource.eex-group.com/additional_data/apdd/gpl/xlsx/YYYY/
More information	https://www.eex.com/en/market-data/natural-gas

18. Discontinued Files

Since some products have been delisted or files have been replaced the following table will provide you with information when publication of files ended and in which Interface Specification details can be found.

File	Date of Last Publication	Last including Specification
FrenchPhysicalPowerFuturesHistory_2016.xlsx	01.07.2016	Version 10
CoalFuturesUSDHistory_YYYY.xlsx	27.06.2016	Version 10
CoalFuturesEuroHistory_YYYY.xlsx	26.06.2016	Version 10
Brent901FuturesHistory_YYYY.xlsx	31.05.2016	Version 10
PhelixPowerOptionsHistory_YYYY.xlsx	08.08.2016	Version 15
BelgianPhysicalPowerFuturesHistory_YYYY.xlsx	19.04.2017	Version 18
DutchPhysicalPowerFuturesHistory_YYYY.xlsx	19.04.2017	Version 18
intraday_transactions_germany_austria_YYYY.xlsx	19.11.2017	Version 23
intraday_transactions_france_YYYY.xlsx	19.11.2017	Version 23
intraday_transactions_switzerland_YYYY.xlsx	19.11.2017	Version 23
intraday_transactions_germany_austria_YYYY-MM.xlsx	19.11.2017	Version 23
intraday_transactions_france_YYYY-MM.xlsx	19.11.2017	Version 23
intraday_transactions_switzerland_YYYY-MM.xlsx	19.11.2017	Version 23
CoalFutureHistory_2018.xlsx	25.10.2018	Version 27

19. Example Files

You can find the XLSX example files for product introductions and changes on the website at <http://www.eex.com/en/market-data/market-data-download/product-contents/trading-data>.

German	https://www.eex.com/de/marktdaten/eex-group-datasource/sftp-server
English	https://www.eex.com/en/market-data/eex-group-datasource/sftp-server

The samples show you the format of the files.