

# ENTSO-E TRANSPARENCY PLATFORM FTP USER GUIDE

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### Maintenance notice:

This document is maintained by the ENTSO-E Transparency Platform Team.  
Comments or remarks are to be provided at [transparency@entsoe.eu](mailto:transparency@entsoe.eu)

## 1. Introduction

The ENTSO-E's Transparency Platform (TP) is not only a web-platform. It also lets you access the data directly by means of an FTP. This means that you do not have to crawl through the TP's web pages to extract the data from the various web site components. All of this can be directly downloaded, bypassing any web layer.

Data consumers may download data in csv format from the Transparency Platform data repository "FTP Test Site" using the credentials.

FTP test site:

FTP string: ftp://62.209.222.9/export/

User Name: TP\_export

Password: eG75pLwgyfyQLzjJ

**Please note,** FTP site is currently in test environment.

← → ↻ ⓘ ftp://62.209.222.9/export/export/			
Index of /export/export/			
	Name	Size	Date Modified
📁	[parent directory]		
📁	AcceptedAggregatedOffers/		02/08/2017, 02:16:00
📁	ActivatedBalancingEnergy/		02/08/2017, 02:19:00
📁	ActualGenerationOutputPerUnit/		02/08/2017, 02:47:00
📁	ActualTotalLoad/		02/08/2017, 02:49:00
📁	AggregateFillingRateWaterReservoirs/		02/08/2017, 03:11:00
📁	AggregatedGenerationPerType/		02/08/2017, 03:11:00
📁	AmountOfBalancingReserveUnderContractDaily/		02/08/2017, 03:13:00
📁	AmountOfBalancingReserveUnderContractHourly/		02/08/2017, 03:13:00
📁	AmountOfBalancingReserveUnderContractLongTerm/		02/08/2017, 03:15:00
📁	AmountOfBalancingReserveUnderContractMonthly/		02/08/2017, 03:15:00
📁	AmountOfBalancingReserveUnderContractWeekly/		02/08/2017, 03:17:00
📁	AmountOfBalancingReserveUnderContractYearly/		02/08/2017, 03:18:00
📁	CbBalancingEnergyActivated/		02/08/2017, 03:19:00
📁	CbBalancingPrices/		02/08/2017, 03:20:00
📁	CbBalancingVolumesOfExchanged/		02/08/2017, 03:20:00
📁	CongestionIncomeDaily/		02/08/2017, 03:23:00
📁	CongestionIncomeIntraday/		02/08/2017, 03:24:00
📁	CostsOfCongestionManagement/		02/08/2017, 03:24:00
📁	Countertrading/		02/08/2017, 03:26:00
📁	CrossBorderCapacityForDcLinksIntraday/		02/08/2017, 03:26:00
📁	CrossBorderPhysicalFlow/		02/08/2017, 03:32:00
📁	DayAheadAggregatedGeneration/		02/08/2017, 03:34:00
📁	DayAheadGenerationForecastWindSolar/		02/08/2017, 03:37:00
📁	DayAheadNTC/		02/08/2017, 03:40:00

## 2. Export Data Format

Extracts from FTP are always in CSV file format. Time is always expressed in **UTC**. While Data item can be identified by its name under root folder.

For example,

6.1.A - Actual Total Load - <ftp://62.209.222.9/export/export/ActualTotalLoad/>

6.1.B - Day ahead Total Load Forecast -

<ftp://62.209.222.9/export/export/DayAheadTotalLoadForecast/>

← → ↻ ⓘ ftp://62.209.222.9/export/export/

### Index of /export/export/

Name	Size	Date Modified
[parent directory]		
AcceptedAggregatedOffers/		02/08/2017, 02:16:00
ActivatedBalancingEnergy/		02/08/2017, 02:19:00
ActualGenerationOutputPerUnit/		02/08/2017, 02:47:00
<b>ActualTotalLoad/</b>		02/08/2017, 02:49:00
AggregateFillingRateWaterReservoirs/		02/08/2017, 03:11:00
AggregatedGenerationPerType/		02/08/2017, 03:11:00
AmountOfBalancingReserveUnderContractDaily/		02/08/2017, 03:13:00
AmountOfBalancingReserveUnderContractHourly/		02/08/2017, 03:13:00
AmountOfBalancingReserveUnderContractLongTerm/		02/08/2017, 03:15:00
AmountOfBalancingReserveUnderContractMonthly/		02/08/2017, 03:15:00
AmountOfBalancingReserveUnderContractWeekly/		02/08/2017, 03:17:00
AmountOfBalancingReserveUnderContractYearly/		02/08/2017, 03:18:00
CbBalancingEnergyActivated/		02/08/2017, 03:19:00
CbBalancingPrices/		02/08/2017, 03:20:00

All data items are updated on daily bases the file name indicates the year and month for which the data is extracted for all the areas.

For example, the link is the file for “[Year Ahead Net transfer capacities](#)” for all the areas for August 2018.

<ftp://62.209.222.9/export/export/YearAheadNTC/>

2018_7_YearAheadNTC.csv	9.4 kB	02/08/2017, 04:59:00
<b>2018_8_YearAheadNTC.csv</b>	9.4 kB	02/08/2017, 04:59:00
2018_9_YearAheadNTC.csv	9.4 kB	02/08/2017, 04:59:00

To view data for specific border and time or day, appropriate filters should be applied to header of the downloaded CSV file.

For example, Year NTC data for Border between DE(50Hertz) – CTA|DK and CTA|CZ can be filtered, once transformed into an Excel (see below).

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	year	month	day	DateTime	AreaOut	AreaOutN-T	MapCode	AreaInTyg	AreaInNa	MapCode	ForecastT	Submissid	S	
36	2018	8	1	00:00.0	CTA	50Hertz CA	DE_50HzT	CTA	Energinet CA	DK	600	07:32.0		
37	2018	8	1	00:00.0	CTA	50Hertz CA	DE_50HzT	CTA	CEPS CA	CZ	500	00:55.0		
48														
49														

Use appropriate filters functions in excel to sort the values per month, day, time etc.

### 3. Extraction Process & Availability

The data in the FTP site is normally refreshed once per day, approximately at 09:00 am UTC. All the files received, processed and published after 09:00 am each day are extracted into FTP folder's the following day.

Completion of the latest updates from FTP extraction process is indicated by the "Date Modified".

#### FTP Folder Structure

Name	Size	Date Modified
[parent directory]		
AcceptedAggregatedOffers/		02/08/2017, 02:16:00
ActivatedBalancingEnergy/		02/08/2017, 02:19:00
ActualGenerationOutputPerUnit/		02/08/2017, 02:47:00
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AmountOfBalancingReserveUnderContractMonthly/		02/08/2017, 03:15:00

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#### 4. Tools

There are no restrictions on the FTP tools a user can use. Transparency Platform' FTP site can be accessed by any known browser's such as Goggle Chrome, Safari, Firefox, I.E etc. there is no restriction on which version should be used. However, based on your company's restrictions a firewall configuration might be needed by your server admin, to allow access to the FTP.

User might also choose open source FTP clients such as Cute FTP or File Zilla etc. to access FTP and download data. Appendix(WIP)

## 5. FAQ

- Do I need to be registered in-order to access the FTP site?
  - Test FTP site can be accessed using the user credentials stated in Introduction section of this document without registering as a user in Transparency platform.
- How often the data is refreshed into the FTP site?
  - Once a day, FTP process start's at 09:00 UTC every day. Data item processed after 09:00 UTC will be available only after successful completion of next day FTP extraction process.
- What if FTP data extractions have missing values for a specific period?
  - It is possible that there will be missing values in the CVS file extract. There can be missing submission from our data provider or the values are not simply published in the Transparency platform. Such instances should be reported to service desk ([transparency@entsoe.eu](mailto:transparency@entsoe.eu)). Please also provide us with further information, such as,
    - Data item and areas
    - Time-period interval for which data is missing
- What should be done if there is any problem with connectivity of the FTP Site?
  - First investigate if the issue is with your internal firewall setting, company policy which might restrict access to external site. Try to connect to FTP from a pc which is outside the company's firewall. If it doesn't work, please send a request to ENTSO-E service desk ([transparency@entsoe.eu](mailto:transparency@entsoe.eu)) with sufficient FTP logs for further analysis.
- Can we use automated mechanism to connect to FTP Site?
  - Currently we don't restrict usage of automated mechanism to connect and extract data from FTP site.
- Is there a limitation on data download?
  - Please note that there is no limitation on the download. However, please ensure fair use of the channel as it is shared resource for all our users.