

Transparency Data
Interface Specification

20.09.2021
Leipzig

Ref. 32

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

Table of Contents

1	Document History	6
2	List of Abbreviations	10
3	Management Overview	12
4	Definitions	13
4.1	General File Design	13
4.2	File Naming	13
4.3	Behavior of File Creation	14
4.4	Definition of Used Data Types	14
4.5	Definition of Data Fields	15
4.6	Specific Range Definition of Data Fields	21
4.7	Definition of Line Types	23
4.7.1	Available Capacity Information Line (ACIL)	23
4.7.2	Actual Consumption Power Line (ACPL)	23
4.7.3	Actual Consumption Gas Line (ACGL)	23
4.7.4	Ad hoc Message Line (AHML)	23
4.7.5	Actual Power Storage Line (APSL)	23
4.7.6	Actual Solar Power Generation Line (ASPL)	23
4.7.7	Actual Unit Generation Line (AUGL)	24
4.7.8	Actual Wind Power Generation Line (AWPL)	24
4.7.9	Consumption Capacity Information Line (CCIL)	24
4.7.10	Consumption Unit Information Line (CUIL)	24

4.7.11	Comment Line (COLI)	24
4.7.12	Company Information Line (COIL)	24
4.7.13	Country Planned Generation Line (CPGL)	24
4.7.14	Expected Solar Power Generation Line (ESPL)	25
4.7.15	Expected Wind Power Generation Line (EWPL)	25
4.7.16	File Creation Line (FCRT)	25
4.7.17	Generation Unit Information Line (GUIL)	25
4.7.18	Generation Capacity Information Line (GCIL)	25
4.7.19	Non-Usability Consumption Line (NUCL)	25
4.7.20	Non-Usability Generation Line (NUGL)	25
4.7.21	Non-Usable Capacity Information Line (NUIL)	26
4.7.22	Non-Usability Storage Line (NUSL)	26
4.7.23	Producer and Consumer Information Line (PCIL)	26
4.7.24	Planned Consumption Gas Line (PCGL)	26
4.7.25	Planned Consumption Power Line (PCPL)	26
4.7.26	Previous Day Power Generation Line (PDGL)	26
4.7.27	Storage Capacity Information Line (SCIL)	27
4.7.28	Consumption Unit Information Line (CUIL)	27
4.7.29	Termination Line (TELI)	27
4.7.30	Working Capacity Power Line (WCPL)	27
5	File Offer	28
5.1	Available File types	28
5.2	Available Countries	29
6	Master Data Files	30
6.1	Information on Reporting Companies including Installed Capacity for Power	30
6.2	Information on Reporting Companies including Installed Capacity for Gas	33
6.3	Information on Storage Working Capacity	35
7	Files Regarding Power Generation	37
7.1	Ex-Ante Information	37
7.1.1	Information on Forecast regarding the Available Capacity	37
7.1.2	Information on Forecast regarding Non-Usable Capacity	38

7.1.3	Planned Production by Generation Units	39
7.1.4	Expected Wind Power Generation	41
7.1.5	Expected Solar Power Generation	42
7.1.6	Expected Euro Wind Power Generation	43
7.1.7	Expected Euro Solar Power Generation	45
7.2	Ex-Post Information	46
7.2.1	Actual Production of Generation Units	46
7.2.2	Actual Unit Production of Generation Units	47
7.2.3	Actual Wind Power Generation	49
7.2.4	Actual Solar Power Generation	50
7.2.5	Actual Euro Wind Power Generation	51
7.2.6	Actual Euro Solar Power Generation	53
8	Files Regarding Power Consumption	55
8.1	Ex-Ante Information	55
8.1.1	Planned Consumption by Generation Units	55
8.2	Ex-Post Information	56
8.2.1	Actual Power Consumption of Units	56
9	Files Regarding Gas Consumption	58
9.1	Ex-Ante Information	58
9.1.1	Planned Consumption by Generation Units	58
9.2	Ex-Post Information	59
9.2.1	Actual Gas Consumption of Units	59
10	Files Regarding Power Storage	61
10.1	Ex-Post Information	61
10.1.1	Actual Power Storage of Units	61
11	Files Regarding Non-Usabilities	63
11.1	Non-Usability of Power Generation Units	63
11.2	Non-Usability of Power Consumption Units	65
11.3	Non-Usability of Gas Consumption Units	66
11.4	Non-Usability of Power Storage Units	68
12	Files regarding other Messages	70

12.1	Ad-hoc messages	70
13	List of Tables	72

1 Document History

Version	Description	Date	Author
001	Initial version	09/10/2009	Mathias Ponnwitz
002	General revision	25/10/2009	Mathias Ponnwitz
003	General revision (structure and content)	21/11/2009	Hendrik Mestenhauser
004	New examples	22/11/2009	Hendrik Mestenhauser
005	General revision	24/11/2009	Mathias Ponnwitz
006	Consolidation of comments	25/11/2009	Hendrik Mestenhauser
007	Common review	26/11/2009	Mathias Ponnwitz, Jan Hinkelmann, Hendrik Mestenhauser
008	Finalisation	27/11/2009	Mathias Ponnwitz, Hendrik Mestenhauser
009	File naming of unscheduled non-usabilities Displayed Period of Actual Wind Power Generation and Actual Production of Generation Units	18/12/2009	Mathias Ponnwitz, Hendrik Mestenhauser
010		23/04/2010	Mathias Ponnwitz
011	Common Review	06/12/2011	Mathias Ponnwitz
012	New naming convention for market area Germany/Austria and Czech Republic. New Ex Post EOD files.	07/05/2013	Daniel Köhler
013	Introduction of new value chains, commodities, additional information, new files and adjustments to current files.	16/10/2015	Daniel Köhler
014	Review	15/02/2016	Carolin Walther, Daniel Köhler
015	Review	28/06/2016	Daniel Köhler
016	Implementation of Eurowind files	29/09/2016	Felix Zeeb
017	Extension of EIC Codes	13/10/2016	Peter Düver
018	Review	14/10/2016	Daniel Köhler

Version	Description	Date	Author
019	Master Data: changed publication time; Added Quality to section 5.5.	27/10/2016	Peter Düver
020	File name of Actual Solar Power Generation and Wind Power corrected Available files, structures and start dates added Files regarding Available Capacity display more information (larger period)	03/01/2017	Peter Düver, Daniel Köhler
021	Chapter 6.6.5 Non-Usability of Power Storage Units: minimal output changed	02/02/2017	Peter Düver
022	CET/CEST added to list of abbreviations EuroWind and EuroSolar files published with just one hour delay. Eurowind-expost data will be published each quarter hour providing quarter hourly data Additional Uptdates for Euro Wind Ex-Ante Files: 11 a.m.	18/08/2017	Peter Düver
023	Amendment of generation frequency and time of information on forecast regarding the available capacity	22/09/2017	Rene Heller
024	Implementation of Non-Available Capacity files	30/10/2017	Rene Heller
025	Renaming of Non-Available Capacity files to Non-Usable Capacity files as well change of characteristics and layout	20/12/2017	Peter Düver
026	Generation Frequency and Time of <i>Ex Ante Information Available Capacity Power (chapter 5.2.1.1) and Information on Forecast regarding Non-Usable Capacity (5.2.1.2)</i>	22/01/2018	Peter Düver
027	Introduction of power consumption end of day file (chapter 5.3.2.2)	22/07/2018	Peter Düver

Version	Description	Date	Author
028	<p><u>General Revision:</u></p> <ul style="list-style-type: none"> New Countries (5.) <ul style="list-style-type: none"> FR GB IT Provision of files on daily basis only (6. - 12.) Access via sFTP-Client software only In case of updates for Non-Usability data the respective files will be overwritten (4.3) Change time stamp format to UTC (4.4) <ul style="list-style-type: none"> from CET/CEST (+01:00/+02:00) to UTC (Z) Delete all brackets ("[]") within file headers (4.7) Renaming of fields and field content (4.6) <p><u>Power Files:</u></p> <ul style="list-style-type: none"> Splitting of DE_AT to DE and AT Renaming of the field "ConnectingArea" to "ControlArea" for all affected power files Consolidation of ExAnte- and ExPostNonUsabilityGenerationPower file to NonUsabilityGenerationPower Cancellation of file ExPostInformationPreviousDayGenerationPower File ExPostInformationActualPlantGenerationPower will contain the information of the canceled ExPostInformationPreviousDayGenerationPower file Remove of field and content for ReportingReason within MasterData-Power Renaming of field content (4.6) <p><u>Gas Files:</u></p> <ul style="list-style-type: none"> Renaming of the field "ConnectingArea" to "MarketArea" for all affected gas files Remove of field and content for ReportingReason within MasterData-Gas Renaming of field content (4.6) <p><u>Adhoc Files:</u></p> <ul style="list-style-type: none"> Adding of field information <ul style="list-style-type: none"> EventID Status (Active, Dismissed) AdhocType (Simple, MAR, Non-Usability) StartDate EndDate Assignment to the annual folder is based on the ModificationTimeStamp 	10/01/2019	Erik Hanns
029	<p>Changing of the field status. 'Inactive' will be replaced with 'Dismissed'.</p> <p>The unit for non-usabilities of gas consumption units will change from MW to KW.</p>	15/07/2020	Sebastian Wykowski
30	<p>Adding Country ES including Control Area 'REE' (10YES-REE-----0) and Country RO Control Area 'Transelectrica' (10YRO-TEL-----P).</p> <p>Updated Available File types for ES and RO.</p>	12/02/2021	Sebastian Wykowski

Version	Description	Date	Author
31	Adding ACER-codes, EIC and non-usability intervals, as well as new max. ad-hoc ticker length	15/08/2021	Sebastian Wykowski / Johannes Groos
32	Adding new Market Area THE (merger of NCG and Gaspool).	20/09/2021	Erik Hanns

2 List of Abbreviations

Term	Description
A	
ASCII	The American Standard Code for Information Interchange is a character-encoding scheme based on the ordering of the English alphabet.
B	
BMWi	Bundesministerium für Wirtschaft und Technologie
BOM	The byte order mark (BOM) is a Unicode character used to signal the endianness (byte order) of a text file or stream.
C	
CSV	The Comma-separated values (CSV) file is used for the digital storage of data structured in a table of lists form.
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.
CET/CEST	CET – Central European Time / European Central Time (Standard Time). Central European Time (CET) is 1 hour ahead of Coordinated Universal Time (UTC). CEST – Central European Summer Time (also known as Daylight Saving Time). Central European Summer Time (CEST) is 2 hours ahead of Coordinated Universal Time (UTC).
E	
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 Union Emission Allowance
F	
FTP	The File transfer protocol (FTP) is a standard network protocol used to exchange and manipulate files over a TCP/IP based network.
I	
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.
K	

Term	Description
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.
L	
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.
M	
MW	Mega Watt = 1.000.000 W (refer to W)
MWh	Mega Watt Hour = 1.000 kWh (refer to kWh)
N	
NUM	Non-Usability messages
O	
OTC	Over-the-counter (OTC) trading is to trade financial instruments such as stocks, bonds, commodities or derivatives directly between two parties.
U	
UTC	The Coordinated Universal Time (UTC) is a time standard based on International Atomic Time (TAI) with leap seconds added at irregular intervals to compensate for the Earth's slowing rotation.
W	
W	The watt (symbol: W) is a derived unit of power in the International System of Units (SI). It measures rate of energy conversion.

3 Management Overview

To facilitate the energy markets and to support market participants EEX has traditionally provided Information Products containing price and transparency information. EEX Group Data Source follows this heritage and offers day to day and historic data.

In addition to information on the spot and derivative markets, transparency data is also provided. This document describes in detail the files provided by EEX that are generated by using data from the transparency platform “Transparency in Energy Markets” which went live on 2nd September 2014.

The files on the sFTP-server (datasource.eex-group.com) starting from 1st September 2018, are formatted as described in this document. Files of previous years are formatted differently and are described in earlier versions of this document.

4 Definitions

In the following chapters the files that are provided will be defined. The files contain specific messages related to the commodity. The first part of the document defines the specific elements of the files, with later sections defining which elements are combined in specific data files.

4.1 General File Design

The format of the file is a CSV file format, using semi colons as delimiters. All lines are terminated with a line feed <LF>. The files can be viewed by using any simple text editor or in Excel using formatting as a delimited file.

All lines start with a *line identifier* that specifies the type of data that is included in that line. Each defined line type consists of a number of *fields*. The fields are separated by a semicolon. The fields have different meanings in the context of a line as described in the following sections of this document.

In summary a line is assembled like:

line identifier;field 1;field 2; ... ;field n <LF>

For all files the UTF-8 character set is used.

4.2 File Naming

The file name of each Information Product-File will be created using a fixed scheme. By viewing the filename, the content of the file, the timestamp of creation and the format an inference is possible. Every file will be created using the following scheme:

PERIOD-MARK-BASE-NAME-COUNTRY-CREATION-TIMESTAMP.FILE-EXTENSION

Within this scheme “minus” and “point” are used as separators.

Part of the filename	Description
PERIOD-MARK	<ul style="list-style-type: none"> scope of the file content:[YYYY] [YYMMDD]
BASE-NAME	A unique file identifier will describe the information type in the file; example: ExAntelInformationGenerationWindPower
COUNTRY	A Country / Market Area identifier (ISO CODE 3166) will be used where a file contains information specific to a country or region. Example: DE

Part of the filename	Description
CREATION-TIMESTAMP	The timestamp of the file creation in the format YYYYMMDDhhss UTC
FILE-EXTENSION	The extension of the file; As all the files are CSV-Files, the extension will always be CSV.

Table 1: File naming elements

4.3 Behavior of File Creation

In general all files are generated once a day at predefined times. These predefined times can be found in the tables in chapters 6 – 12.

Any updates to historical data made by dispatchers will result in a full recreation of the effected CSV-file. In case of Event data (NonUsability data and Adhoc data) the original file on the sFTP will be overwritten with a different update time to reflect the new file creation time. To this end there is always only one file per file type with the latest data available on sFTP.

If a file is changed, the reason for changing the historical data will relate to the improvement of data quality, that is data has now changed and is corrected compared to the data that was supplied originally.

4.4 Definition of Used Data Types

The following table shows the used formats.

Term	Description
<datetime>	time format – information of a point in time. Please note that all points in time are in UTC. Please refer to ISO 8601 for a detailed description. example: 2009-11-17T01:00:00Z
<degree>	value for latitude or longitude; up to 6 decimals, point is decimal separator, variable length
<integer>	the range of natural numbers including zero
<decimal>	decimal point number – all decimal point numbers will have a fraction with a denominator of ten example: 1400,4
<string>	alphanumeric string – used for text information example: Nuclear

Table 2: Definition of formats

4.5 Definition of Data Fields

The following table will define all used fields.

Fieldname	Format	Description	example
ACER-Code	<string>	Unique identifier (alphanumeric, 12 values) for wholesale energy market participants assigned by the European Agency for the Cooperation of Energy Regulators (ACER)	1234567890AB
ActualConsumption	<decimal>	This field contains the actual consumption of consumer. The unit is MW.	80,4
ActualGeneration	<decimal>	This field contains the actual production of generation units. The unit is MW.	82465,4
ActualSolarEnergy	<decimal>	This field contains the actual solar power generation. The unit is MW.	135,5
ActualWindEnergy	<decimal>	This field contains the actual wind power generation. The unit is MW	18254,6
AddOn	<integer>	Information on the status of the voluntary commitment (refer to 4.6)	0
AvailableCapacity	<decimal>	This field contains the amount of the available capacity (daily average value). The unit is MW.	366,7
ControlArea	<string>	This field contains the EIC the generation or	TenneT (DE)

Fieldname	Format	Description	example
		consumer unit is connected to. (refer to 4.6)	
CommentText	<string>	This field contains comment text.	Any Text Comment
Commercialisation	<integer>	commercialization of a generation unit (refer to 4.6)	0
Country	<string>	code of the country; Please refer to ISO 3166-1.	DE
CompanyID	<string>	the unique identifier of a company	POWERHSLTD01
CompanyName	<string>	the name of a company	Powerhouse Generation Ltd.
CreationTimeStamp	<datetime>	the timestamp of the file creation	2009-11-18T18:00:00Z
EIC	<string>	Energy Identification Coding scheme (EIC) used by the ENTSO-E, ENTSOG and the EU energy market to identify objects in the energy infrastructure	10203-VEFGHIJKL2
EndDate	<datetime>	the end date the data of the generation or consumer unit are delivered	2011-01-01T00:00:00Z
EventID	<string>	Unique ID for the respective Non-Availability. Please note: The ID is unique to the respective message type and company that is reporting it. It is possible, though unlikely, that there are	0000000000009005196#1878_002

Fieldname	Format	Description	example
		two different events with the identical ID.	
ExpectedSolarEnergy	<decimal>	This field contains the forecast of the expected generation from solar energy. The unit is MW.	127,5
ExpectedWindEnergy	<decimal>	This field contains the forecast of the expected generation from wind energy. The unit is MW.	2376,5
InstalledCapacity	<decimal>	For generation units the field contains the amount of the installed net bottleneck output. For consumption units the maximum consumption capacity is filled in. The unit is MW.	366,7
IntervalStart	<datetime>	the start time of a non-usability interval	2021-11-20T14:15:00Z
IntervalEnd	<datetime>	the end time of a non-usability interval	2021-11-19T23:15:12Z
LineNumbers	<integer>	information about the number of lines of the file	32
Message	<string>	Reports additional information	Revision finished
ModificationTimeStamp	<datetime>	the timestamp of the modification of this information by the dispatcher	2009-11-15T11:43:00Z
NonavailabilityReason	<string>	Reason of the Non-Availability (i.e. Maintenance, Fault)	Maintenance

Fieldname	Format	Description	example
NUMCapacity	<decimal>	This field contains the amount of the non-usability of a generation unit. The unit is MW. For non-usabilities of a gas consumption the unit is KW.	1265,2
NUMEndDate	<datetime>	the expected end date of a non-usability	2011-11-20T14:15:00Z
NUMStartDate	<datetime>	the start date of a non-usability	2009-11-19T23:15:12Z
PlannedEnergy	<decimal>	This field contains the forecast of the maximum available energy. The unit is MWh.	234345,5
PlannedConsumption	<decimal>	This field contains the forecast of the planned consumption for the next day. The unit is MW.	85405,6
PlannedGeneration	<decimal>	This field contains the forecast of the planned generation for the next day. The unit is MW.	85405,6
PublicationTimeStamp	<datetime>	the timestamp of the publication of this information on the website	2009-11-16T00:00:00Z
ProdConsID	<string>	the unique identifier of a generation, consumption or storage plant	E000001
ProdConsName	<string>	the name of a plant, consumer or storage	Warp Generator
Quantity	<decimal>	This field contains the actual filling level of	454164,2

Fieldname	Format	Description	example
		power storages. The unit is MWh.	
RealConsumption	<decimal>	Real consumption of an unit. The unit is MW.	854,6
ReportingAvailableCapacity	<string>	This field contains information if the production company reports available capacity for all production units (refer to 4.6).	True
Source	<string>	name of the source (refer to 4.6)	Coal
SumInstalledCapacity	<decimal>	This field contains the sum of total installed generation capacity. The unit is MW.	2342850,5
Status	<integer>	the status of a non-usability source (refer to 4.6)	0
TimeStamp	<datetime>	the timestamp of the referring data (refer to 4.6)	2009-12-31T23:00:00Z
Type	<string>	This field indicates if a consumption unit already was disturbed when the notification was sent	Planned
UnitID	<string>	the unique identifier of a generation, consumption or storage unit	E000001-001
UnitName	<string>	the name of a generation, consumption or storage unit	Core #1

Fieldname	Format	Description	example
WorkingCapacity	<decimal>	Working capacity of a power storage unit. The unit is MW.	854,6
WorkingGasVolume	<decimal>	Working gas volume of a gas storage unit. The unit is MW.	87.2334
WGS84Latitude	<degree>	latitude gives the location of a place on Earth north or south of the equator.	51.3378
WGS84Logitude	<degree>	longitude is the geographic coordinate most commonly used in cartography and global navigation for east-west measurement.	12.3790

Table 3: Definition of Data Fields

4.6 Specific Range Definition of Data Fields

Some of the Data Fields are limited in terms of allowed values. The allowed values are linked to specific meanings which are displayed in the following table.

Fieldname	Old File Value	New File Value
Commercialisation	0	false
	1	true
ControlArea	10YDE-EON-----1	TenneT (DE)
	10YDE-ENBW-----N	TransnetBW
	10YDE-RWENET---I	Amprion
	10YDE-VE-----2	50Hertz
	10YAT-APG-----L	APG
	10YGB-----A	National Grid
	10YCB-CZECH-REP5	CEPS
	10YCH-SWISSGRIDZ	Swissgrid
	10YFR-RTE-----C	RTE
	10YBE-----2	Elia
	10YNL-----L	TenneT (NL)
	10YHU-MAVIR----U	MAVIR
	10YIT-GRTN-----B	Terna
	10YRO-TEL-----P	Transelectrica
	10YES-REE-----0	REE
10YSE-1-----K	Svenska kraftnät	
MarketArea	37Y701133MH0000P	GASPOOL
	21Y-ERTV-----8	NCG
	21Y000000000025G	CEGH
	21Y---A001A001-B	VOB
	21Y---A001A010-A	PSV IT
	37Y005053MH0000R	THE
ReportingAvailableCapacity	False	false
	True	true.

Fieldname	Old File Value	New File Value
	biomass	Biomass
	coal	Fossil Hard coal
	coal-derived-gas	Fossil Coal-derived gas
	garbage	Waste
	gas	Fossil Gas
	geothermal	Geothermal
	lignite	Fossil Brown coal/Lignite
	marine	Marine
	oil	Fossil Oil
	oil-shale	Fossil Oil shale
	other	Other
	other-renewable	Other renewable
	peat	Fossil Peat
	pumped-storage	Hydro Pumped Storage
	run-of-the-river	Hydro Run-of-river and poundage
	seasonal-store	Hydro Water Reservoir
	solar	Solar
	uranium	Nuclear
	wind-offshore	Wind Offshore
	wind-onshore	Wind Onshore
Status	0	Active
	1	Dismissed
Type	planned	Planned
	Unscheduled	Unplanned
Reason	Failure	Outage

Table 4: Allowed Values of specific Field

4.7 Definition of Line Types

The following chapter will list all available line types. Lines of the same line types are ordered by the sequence by their columns ascending.

4.7.1 Available Capacity Information Line (ACIL)

The Available Capacity Information Line is used for publication of information referring to the available capacity of generation units. The Available Capacity Information Line (ACIL) has the following layout:

```
ACIL;Country;Source;TimeStamp;AvailableCapacity;PublicationTimeStamp;ModificationTimeStamp <LF>
```

4.7.2 Actual Consumption Power Line (ACPL)

The Actual Consumption Power Line contains information on the actual consumption of power units. The Actual Consumption Power Line (ACPL) has the following layout:

```
ACPL;Country;TimeStamp;ActualConsumption;PublicationTimeStamp;ModificationTimeStamp <LF>
```

4.7.3 Actual Consumption Gas Line (ACGL)

The Actual Consumption Gas Line contains information on the actual consumption of power units. The Actual Consumption Gas Line (ACGL) has the following layout:

```
ACGL;MarketArea;TimeStamp;ActualConsumption;PublicationTimeStamp;ModificationTimeStamp<LF>
```

4.7.4 Ad hoc Message Line (AHML)

The Ad hoc Message Line contains information on the ad hoc messages. The Ad hoc Message Line (AHML) has the following layout:

```
AHML;Country;CompanyID;CompanyName;EventID;Status;AdhocType;StartDate;EndDate;Message;PublicationTimeStam  
p;ModificationTimeStamp <LF>
```

4.7.5 Actual Power Storage Line (APSL)

The Actual Power Storage Line contains information on the actual storage of power units. The Actual Actual Power Storage Line (APSL) has the following layout:

```
APSL;Country;TimeStamp;Quantity;PublicationTimeStamp;ModificationTimeStamp<LF>
```

4.7.6 Actual Solar Power Generation Line (ASPL)

The Actual Solar Power Generation Line is used for publication of the actual generation from solar energy. The Actual Solar Power Generation Line (ASPL) has the following layout:

```
ASPL;ControlArea;TimeStamp;ActualSolarEnergy;PublicationTimeStamp;ModificationTimeStamp <LF>
```

4.7.7 Actual Unit Generation Line (AUGL)

The Actual Unit Generation Line contains information on the actual production of generation units. The Actual Unit Generation Line (AUGL) has the following layout:

```
AUGL;Country;UnitID;TimeStamp;ActualGeneration;PublicationTimeStamp;ModificationTimeStamp<LF>
```

4.7.8 Actual Wind Power Generation Line (AWPL)

The Actual Wind Power Generation Line is used for publication of the actual generation from wind energy. The Actual Wind Power Generation Line (AWPL) has the following layout:

```
AWPL;ControlArea;Source;TimeStamp;ActualWindEnergy;PublicationTimeStamp;ModificationTimeStamp<LF>
```

4.7.9 Consumption Capacity Information Line (CCIL)

The Consumption Capacity Information Line is used for publication of information referring to the installed capacity of consumption (installed net bottleneck output) units. The Consumption Capacity Information Line (CCIL) has the following layout:

```
CCIL;UnitID;TimeStamp;Capacity;PublicationTimeStamp;ModificationTimeStamp<LF>
```

4.7.10 Consumption Unit Information Line (CUIL)

The Consumption Unit Information Line is used for publication of information regarding to consumption units. The Consumption Unit Information Line (CUIL) has the following layout:

```
CUIL;ProdConsID;UnitID;UnitName;ControlArea/MarketArea;Source;Commercialisation;StartDate;EndDate;PublicationTime  
eStamp;ModificationTimeStamp<LF>
```

4.7.11 Comment Line (COLI)

The Comment Line is used for Comments. The Comment Line has the following layout:

```
#[CommentText]<LF>
```

4.7.12 Company Information Line (COIL)

The Company Information Line is used for publication of company information. The Company Information Line (COIL) has the following layout:

```
COIL;CompanyID;CompanyName;ReportingAvailableCapacity;PublicationTimeStamp;ModificationTimeStamp<LF>
```

4.7.13 Country Planned Generation Line (CPGL)

The Country Planned Generation Line containing information of the planned generation in the respective country. The Country Planned Generation Line (CPGL) has the following layout:

```
CPGL;Country;Source;TimeStamp;PlannedGeneration;PublicationTimeStamp;ModificationTimeStamp<LF>
```


4.7.14 Expected Solar Power Generation Line (ESPL)

The Expected Solar Power Generation Line is used for publication of the expected generation from solar energy. The Expected Solar Power Generation Line (ESPL) has the following layout:

```
ESPL;ControlArea;TimeStamp;ExpectedSolarEnergy;PublicationTimeStamp;ModificationTimeStamp<LF>
```

4.7.15 Expected Wind Power Generation Line (EWPL)

The Expected Wind Power Generation Line is used for publication of the expected generation from wind energy. The Expected Wind Power Generation Line (EWPL) has the following layout:

```
EWPL;ControlArea;TimeStamp;ExpectedWindEnergy;PublicationTimeStamp;ModificationTimeStamp<LF>
```

4.7.16 File Creation Line (FCRT)

The File Creation Line contains information to the creation of the file. The File Creation Line (FCRT) has the following layout:

```
FCRT;CreationTimeStamp<LF>
```

4.7.17 Generation Unit Information Line (GUIL)

The Generation Unit Information Line is used for publication of information regarding to generation units. The Generation Unit Information Line (GUIL) has the following layout:

```
GUIL;ProdConsID;UnitID;UnitName;ControlArea;Source;Commercialisation;StartDate;EndDate;PublicationTimeStamp;ModificationTimeStamp<LF>
```

4.7.18 Generation Capacity Information Line (GCIL)

The Generation Capacity Information Line is used for publication of information referring to the installed capacity of generation (installed net bottleneck output) units. The Generation Capacity Information Line (GCIL) has the following layout:

```
GCIL;UnitID;TimeStamp;Capacity;PublicationTimeStamp;ModificationTimeStamp<LF>
```

4.7.19 Non-Usability Consumption Line (NUCL)

The Non-Usability Consumption Line is used for publication of Non-Usability Messages of consumption units. The Non-Usability Consumption Line (NUCL) has the following layout:

```
NUCL;Country;CompanyID;AcerCore;ProdConsID;UnitID;EIC;ControlArea/MarketArea;Source;InstalledCapacity;Type;EventID;NUMStartDate;NUMEndDate;IntervalStart;IntervalEnd;NUMCapacity;AvailableCapacity;NonavailabilityReason;TimeStamp;Status;PublicationTimeStamp;ModificationTimeStamp<LF>
```

4.7.20 Non-Usability Generation Line (NUGL)

The Non-Usability Generation Line is used for publication of Non-Usability Messages of generation units. The Non-Usability Generation Line (NUGL) has the following layout:

NUGL;Country;CompanyID;AcerCode;ProdConsID;UnitID;EIC;ControlArea;Source;InstalledCapacity;Type;EventID;NUMStartDate;NUMEndDate;IntervalStart;IntervalEnd;NUMCapacity;AvailableCapacity;NonavailabilityReason;TimeStamp;Status;PublicationTimeStamp;ModificationTimeStamp<LF>

4.7.21 Non-Usable Capacity Information Line (NUIL)

The Non Usable Capacity Information Line is used for publication of non-usable capacities that do not contribute to power production. The data is provided on level of energy type. The Non Usable Capacity Information Line (NUIL) has the following layout:

NUIL;Country;Source;TimeStamp;NonUsableCapacity;PublicationTimeStamp;ModificationTimeStamp

4.7.22 Non-Usability Storage Line (NUSL)

The Non-Usability Storage Line is used for publication of Non-Usability Messages of storage units. The Non-Usability Generation Line (NUSL) has the following layout:

NUSL;Country;CompanyID;AcerCode;ProdConsID;UnitID;EIC;ControlArea;Source;InstalledCapacity;Type;EventID;NUMStartDate;NUMEndDate;IntervalStart;IntervalEnd;NUMCapacity;AvailableCapacity;NonavailabilityReason;TimeStamp;Status;PublicationTimeStamp;ModificationTimeStamp<LF>

4.7.23 Producer and Consumer Information Line (PCIL)

In the Producer and Consumer Information Line information to producers and consumers can be found. The Producer and Consumer Information Line (PCIL) has the following layout:

PCIL;CompanyID;ProdConsID;ProdConsName;WGS84Latitude;WGS84Longitude;Country;PublicationTimeStamp;ModificationTimeStamp<LF>

4.7.24 Planned Consumption Gas Line (PCGL)

The Planned Consumption Gas Line containing information of the planned consumption in the respective country. The Planned Consumption Gas Line (PCGL) has the following layout:

PCGL;MarketArea;TimeStamp;PlannedConsumption;PublicationTimeStamp;ModificationTimeStamp<LF>

4.7.25 Planned Consumption Power Line (PCPL)

The Planned Consumption Power Line containing information of the planned consumption in the respective country. The Planned Consumption Power Line (PCPL) has the following layout:

PCPL;Country;TimeStamp;PlannedConsumption;PublicationTimeStamp;ModificationTimeStamp<LF>

4.7.26 Previous Day Power Generation Line (PDGL)

The Previous Day Power Generation Line contains information on the production of the previous day of all generation units which are sending information based on a voluntary commitment. The Previous Day Power Generation Line (PDGL) has the following layout:

PDGL;Country;Source;TimeStamp;PreviousDayGeneration;PublicationTimeStamp;ModificationTimeStamp<LF>

4.7.27 Storage Capacity Information Line (SCIL)

The Storage Capacity Information Line is used for publication of information referring to the installed capacity of Storage (installed net bottleneck output) units. The Storage Capacity Information Line (SCIL) has the following layout:

SCIL;UnitID;TimeStamp;Capacity;PublicationTimeStamp;ModificationTimeStamp<LF>

4.7.28 Consumption Unit Information Line (CUIL)

The Consumption Unit Information Line is used for publication of information regarding consumption units. The Consumption Unit Information Line (CUIL) has the following layout:

SUIL;ProdConsID;UnitID;UnitName;ControlArea/MarketArea;Source;Commercialisation;StartDate;EndDate;PublicationTimeStamp;ModificationTimeStamp<LF>

4.7.29 Termination Line (TELI)

The Termination Line gives information about the number of lines of the CSV-File including this line and including comment lines. The Termination Line (TELI) has the following layout:

TELI;LineNumbers<LF>

4.7.30 Working Capacity Power Line (WCPL)

The Working Capacity Power Line contains information on the working capacity of power units. The Working Capacity Power Line (WCPL) has the following layout:

WCPL;UnitID;TimeStamp;WorkingCapacity;PublicationTimeStamp;ModificationTimeStamp<LF>

5 File Offer

5.1 Available File types

No.	TPE Filename
1	[YYYY]-NonUsabilityGenerationPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
2	[YYYY]-ExAntelInformationAvailableCapacityPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
3	[YYYY]-ExAntelInformationNonUsableCapacityPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
4	[YYYYMMDD]-ExPostInformationActualPlantGenerationPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
5	[YYYYMMDD]-ExPostInformationActualUnitGenerationPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
6	[YYYYMMDD]-ExAntelInformationPlannedGenerationPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
7	[YYYYMMDD]-ExPostInformationGenerationSolarPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
8	[YYYYMMDD]-ExAntelInformationGenerationSolarPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
9	[YYYYMMDD]-ExPostInformationGenerationWindPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
10	[YYYYMMDD]-ExAntelInformationGenerationWindPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
11	[YYYYMMDD]-ExPostInformationGenerationEuroWindPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
12	[YYYYMMDD]-ExAntelInformationGenerationEuroWindPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
13	[YYYYMMDD]-ExPostInformationGenerationEuroSolarPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
14	[YYYYMMDD]-ExAntelInformationGenerationEuroSolarPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
15	[YYYY]-NonUsabilityConsumptionPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
16	[YYYYMMDD]-ExPostInformationActualConsumptionPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
17	[YYYYMMDD]-ExAntelInformationPlannedConsumptionPower-[COUNTRY]-[YYYYMMDDhhmmss].csv
18	[YYYY]-NonUsabilityStoragePower-[COUNTRY]-[YYYYMMDDhhmmss].csv
19	[YYYY]-ExAntelInformationWorkingCapacityStoragePower-[COUNTRY]-[YYYYMMDDhhmmss].csv
20	[YYYYMMDD]-ExPostInformationActualStoragePower-[COUNTRY]-[YYYYMMDDhhmmss].csv
21	[YYYY]-NonUsabilityConsumptionGas-[COUNTRY]-[YYYYMMDDhhmmss].csv
22	[YYYYMMDD]-ExPostInformationActualConsumptionGas-[COUNTRY]-[YYYYMMDDhhmmss].csv
23	[YYYYMMDD]-ExAntelInformationPlannedConsumptionGas-[COUNTRY]-[YYYYMMDDhhmmss].csv
24	MasterData-Power-[YYYYMMDDhhmmss].csv
25	MasterData-Gas-[YYYYMMDDhhmmss].csv
26	[YYYY]-AdhocMessages-[YYYYMMDDhhmmss].csv

Table 5: Available File types

5.2 Available Countries

No.	Country											
	AT	BE	CH	CZ	DE	ES	FR	GB	IT	HU	NL	RO
1	X	X	X	X	X	X	X	X	X	X	X	X
2	X	X	X	X	X	X	X	X		X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X	X	X	X	X	X		X	X	
5	X	X	X	X	X	X	X	X		X	X	
6	X	X	X	X	X	X	X	X		X	X	
7	X				X	X	X	X	X			
8	X				X	X	X	X				
9	X				X	X	X	X	X			
10	X				X	X	X	X				
11	X				X							
12	X				X							
13	X				X							
14	X				X							
15					X							
16					X							
17					X							
18	X		X		X							
19	X		X		X							
20	X		X		X							
21	X			X	X				X			
22	X			X	X							
23	X			X	X							
24	X	X	X	X	X	X	X	X	X	X	X	X
25	X	X	X	X	X		X	X	X	X	X	
26	X	X	X	X	X	X	X	X	X	X	X	X

Table 6: Available Countries

6 Master Data Files

6.1 Information on Reporting Companies including Installed Capacity for Power

EEX creates one file called **MasterData-Power** from the transparency platform which contains all master data of companies, power plants, consumer-, generation- and consumption units of all countries reporting to the EEX transparency platform.

Criterion	Description
Filename	MasterData-Power-[YYYYMMDDhhmmss].csv example: MasterData-Power-20181010010958.csv
Content	list of all master data
Displayed Period	master data valid on the creation point in time (including historical data)
Contained Data	companies: ID, name, available capacity reporting, timestamp of publication (date and time), timestamp of modification (date and time)
	producers and consumers: ID, name, latitude, longitude, country, reporting reason, timestamp of publication (date and time), timestamp of modification (date and time)
	generation units: Id, description, control area, source, commercialization, start date, end date, timestamp of publication (date and time), timestamp of modification (date and time)
	consumption units: Id, description, control area, source, commercialization, start date, end date, timestamp of publication (date and time), timestamp of modification (date and time)
	storage units: Id, description, control area, source, commercialization, start date, end date, timestamp of publication (date and time), timestamp of modification (date and time)
	installed capacity of generation, consumption and storage units: point in time, capacity, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 08:30 – 09:30 a.m. CET/CEST (only in case of updates)
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/masterdata_power

Table 7: Characteristic of Master Data Power File

The following table shows the complete line layout of the **MasterData-Power** file:

Line Type	Description	Frequency
COLI	file information # MasterData-Power	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type COIL (Company Information Line) # COIL;CompanyID;CompanyName;ReportingAvailableCapacity;PublicationTimeStamp; ModificationTimeStamp	1
COLI	heading of line type Producer, Consumer and Storage Information Line (PCIL) # PCIL;CompanyID;ProdConsID;ProdConsName;WGS84Latitude;WGS84Longitude;Cou ntry;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Generation Unit Information Line (GUIL) # GUIL;ProdConsID;UnitID;UnitName;ControlArea;Source;Commercialisation;StartDate; EndDate;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Consumption Unit Information Line (CUIL) # CUIL;ProdConsID;UnitID;UnitName;ControlArea;Source;Commercialisation;StartDate; EndDate;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Storage Unit Information Line (SUIL) # SUIL;ProdConsID;UnitID;UnitName;ControlArea;Source;Commercialisation;StartDate;E ndDate;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Generation Installed Capacity Information Line (GCIL) # GCIL;UnitID;TimeStamp;Capacity;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Consumption Installed Capacity Information Line (CCIL) # CCIL;UnitID;TimeStamp;Capacity;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Storage Installed Capacity Information Line (SCIL) # SCIL;UnitID;TimeStamp;Capacity;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1

Line Type	Description	Frequency
FCRT	File Creation Line	1
COIL	Company Information Line	0 - n
PCIL	Producer and Consumer Information Line	0 - n
GUIL	Generation Unit Information Line	0 - n
CUIL	Consumption Unit Information Line	0 - n
SUIL	Storage Unit Information Line	0 - n
GCIL	Generation Installed Capacity Information Line	0 - n
CCIL	Consumption Installed Capacity Information Line	0 - n
SCIL	Storage Installed Capacity Information Line	0 - n
TELI	Termination Line.	1

Table 8: Total file layout (MasterData-Power)

6.2 Information on Reporting Companies including Installed Capacity for Gas

EEX creates one file called **MasterData-Gas** from the transparency platform which contains all master data of companies, power plants, consumer- and consumption units of all countries reporting to the EEX transparency platform.

Criterion	Description
Filename	MasterData-Gas-[YYYYMMDDhhmmss].csv example: MasterData-Gas-20181012104500.csv
Content	list of all master data
Displayed Period	master data valid on the creation point in time (including historical data)
Contained Data	companies: ID, name, available capacity reporting, timestamp of publication (date and time), timestamp of modification (date and time)
	producers and consumers: ID, name, latitude, longitude, country, reporting reason, timestamp of publication (date and time), timestamp of modification (date and time)
	generation units: Id, description, market area, source, commercialization, start date, end date, timestamp of publication (date and time), timestamp of modification (date and time)
	consumption units: Id, description, market area, source, commercialization, start date, end date, timestamp of publication (date and time), timestamp of modification (date and time)
	storage units: Id, description, market area, source, commercialization, start date, end date, timestamp of publication (date and time), timestamp of modification (date and time)
	installed capacity of generation, consumption and storage units: point in time, capacity, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 08:30 – 09:30 a.m. CET/CEST (only in case of updates)
Download Location	sftp://datasource.eex-group.com: /transparency_data/gas/csv/masterdata_gas

Table 9: Characteristic of Master Data Gas File

The following table shows the complete line layout of the **MasterData-Gas** file:

Line Type	Description	Frequency
COLI	file information # MasterData-Gas	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type COIL (Company Information Line) # COIL;CompanyID;CompanyName;ReportingAvailableCapacity;PublicationTimeStamp; ModificationTimeStamp	1
COLI	heading of line type Producer, Consumer and Storage Information Line (PCIL) # PCIL;CompanyID;ProdConsID;ProdConsName;WGS84Latitude;WGS84Longitude;Cou ntry;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Consumption Unit Information Line (CUIL) # CUIL;ProdConsID;UnitID;UnitName;MarketArea;Source;Commercialisation;StartDate;E ndDate;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Storage Unit Information Line (SUIL) # SUIL;ProdConsID;UnitID;UnitName;MarketArea;Source;Commercialisation;StartDate;E ndDate;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Consumption Installed Capacity Information Line (CCIL) # CCIL;UnitID;TimeStamp;Capacity;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Storage Injection Information Line (SIIL) # SIIL;UnitID;TimeStamp;Capacity;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Storage Offtake Information Line (SOIL) # SOIL;UnitID;TimeStamp;Capacity;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
COIL	Company Information Line	0 - n
PCIL	Producer and Consumer Information Line	0 - n

Line Type	Description	Frequency
CUIL	Consumption Unit Information Line	0 - n
SUIL	Storage Unit Information Line	0 - n
CCIL	Consumption Installed Capacity Information Line	0 - n
CCIL	Storage Installed Capacity Information Line	0 - n
SIIL	Storage Injection Information Line	0 - n
SOIL	Storage Offtake Information Line	0 - n
TELI	Termination Line.	1

Table 10: Total file layout (MasterData-Gas)

6.3 Information on Storage Working Capacity

EEX creates one file called **ExAntelInformationWorkingCapacityStoragePower** from the transparency platform. The energy capacity corresponds to the maximum energy stored which is available if the storage facility is fully filled under consideration of all technical and water legislation restrictions known at the time of reporting. This information is updated by the facility operators by 15th November of every year. Updating during the year is not required.

Criterion	Description
Filename	[YYYY]-ExAntelInformationWorkingCapacityStoragePower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 2018-ExAntelInformationWorkingCapacityStoragePower-de-20181001154235.csv
Content	The energy capacity corresponds to the maximum energy stored which is available if the storage facility is fully filled under consideration of all technical and water legislation restrictions known at the time of reporting
Displayed Period	one year (one file for each available year); After the 15 th November the next year will be available and an additional file will be created.
Contained Data	Unit id, point in time (date and time), working capacity, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 10:00 – 11:00 a.m. CET/CEST (only in case of updates)
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/storage/working_capacity

Table 11: Characteristic of ExAntelInformationWorkingCapacityStoragePower File

The following table shows the line layout of the **ExAntelInformationWorkingCapacityStoragePower** file:

Line Type	Description	Frequency
COLI	file information # ExAntelInformationWorkingCapacityStoragePower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type WCPL (Working Capacity Power Line) # WCPL;UnitID;TimeStamp;WorkingCapacity;PublicationTimeStamp;ModificationTimeSt amp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
WCPL	Working Capacity Power Line	1 - n
TELI	Termination Line.	1

Table 12: Total file layout (ExAntelInformationWorkingCapacityStoragePower)

7 Files Regarding Power Generation

7.1 Ex-Ante Information

7.1.1 Information on Forecast regarding the Available Capacity

EEX creates one file type called **ExAnteInformationAvailableCapacityPower** from the transparency platform. The file contains ex-ante information data concerning the forecast on the available energy of power generating units per source and country.

Criterion	Description
Filename	[YYYY]-ExAnteInformationAvailableCapacityPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 2018-ExAnteInformationAvailableCapacityPower-de-20180215094748.csv
Content	ex-ante information data concerning the forecast on the available energy of power generating units per source and country.
Displayed Period	Current year plus the following year. On every 15 th November the current and the next 2 years will be published.
Contained Data	source, country, point in time (date and time), available energy, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 10:00 – 11:00 a.m. CET/CEST (only in case of updates)
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/production/available_capacity/

Table 13: Characteristic of ExAnteInformationAvailableCapacityPower File

The following table shows the line layout of the **ExAnteInformationAvailableCapacityPower** file:

Line Type	Description	Frequency
COLI	file information # ExAnteInformationAvailableCapacityPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) #FCRT CreationTimeStamp	1

Line Type	Description	Frequency
COLI	heading of line type ACIL (Available Capacity Information Line) # ACIL;Country;Source;TimeStamp;AvailableCapacity;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
ACIL	Available Capacity Information Line	0 - n
TELI	Termination Line.	1

Table 14: Total file layout (ExAntelInformationAvailableCapacityPower)

7.1.2 Information on Forecast regarding Non-Usable Capacity

EEX creates one file type called **ExAntelInformationNonUsableCapacityPower** from the transparency platform. The file contains ex-ante information data concerning the forecast on the non-usable capacity of power generating units per source and country.

Criterion	Description
Filename	[YYYY]-ExAntelInformationNonUsableCapacityPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 2018-ExAntelInformationNonUsableCapacityPower-nl-20181220095600.csv
Content	Non-usable capacity for each fuel type and for each country
Displayed Period	Current year plus the following year.
Contained Data	Source, Country, point in time (date and time), non-usable capacity per day, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 10:00 – 11:00 a.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/production/non_usable_capacity/

Table 15: Characteristic of (ExAntelInformationNonUsableCapacityPower)

The following table shows the line layout of the **ExAntelInformationNonUsableCapacityPower** file:

Line Type	Description	Frequency
COLI	file information # ExAntelInformationNonUsableCapacityPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) #FCRT CreationTimeStamp	1
COLI	heading of line type NUIL (Non-Usable Capacity Information Line) # NUIL;Country;Source;TimeStamp;NonUsableCapacity;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
NUIL	Non Usable Capacity Information Line	0 - n
TELI	Termination Line.	1

Table 16: Total file layout (ExAntelInformationNonUsableCapacityPower)

7.1.3 Planned Production by Generation Units

EEX creates one file type called **ExAntelInformationPlannedGenerationPower** from the transparency platform. The file contains aggregated ex-ante information data concerning planned generation of power generating units per source and country.

Criterion	Description
Filename	[YYYYMMDD]-ExAnteInformationPlannedGenerationPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20180915-ExAnteInformationPlannedGenerationPower-de-20180914175904.csv
Content	aggregated ex-ante information on the planned generation for the next day
Displayed Period	one day, following day
Contained Data	country, source, point in time (date and time), planned generation, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 06:05 – 07:05 p.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/production/usage/ex_ante/

Table 17: Characteristic of ExAnteInformationPlannedGenerationPower File

The following table shows the line layout of the **ExAnteInformationPlannedGenerationPower** file:

Line Type	Description	Frequency
COLI	file information # ExAnteInformationPlannedGenerationPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type CPGL (Country Planned Generation Line) # CPGL;Country;Source;TimeStamp;PlannedGeneration;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
CPGL	Country Planned Generation Line	0 - n

Line Type	Description	Frequency
TELI	Termination Line.	1

Table 18: Total file layout (ExAnteInformationPlannedGenerationPower)

7.1.4 Expected Wind Power Generation

EEX creates one file type called **ExAnteInformationGenerationWindPower** from the transparency platform. The file contains aggregated ex-ante information data concerning the expected generation from wind energy.

Criterion	Description
Filename	[YYYYMMDD]-ExAnteInformationGenerationWindPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20180915-ExAnteInformationGenerationWindPower-de-20180914180340.csv
Content	aggregated ex-ante information regarding the expected generation from wind energy for the following day per control area.
Displayed Period	one day, following day
Contained Data	control area, point in time (date and time), quantity of the expected generation, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 06:05 – 07:05 p.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/production/usage_wind/ex_ante

Table 19: Characteristic of ExAnteInformationGenerationWindPower File

The following table shows the line layout of the **ExAnteInformationGenerationWind** file:

Line Type	Description	Frequency
COLI	file information # ExAnteInformationGenerationWindPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1

Line Type	Description	Frequency
COLI	heading of line type EWPL (Expected Wind Power Generation Line) # EWPL;ControlArea;Source;TimeStamp;ExpectedWindEnergy;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
EWPL	Expected Wind Power Generation Line	0 - n
TELI	Termination Line.	1

Table 20: Total file layout (ExAntelInformationGenerationWindPower)

7.1.5 Expected Solar Power Generation

EEX creates one file type called **ExAntelInformationGenerationSolarPower** from the transparency platform. The file contains aggregated ex-ante information data concerning the expected generation from solar energy.

Criterion	Description
Filename	[YYYYMMDD]-ExAntelInformationGenerationSolarPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20181014-ExAntelInformationGenerationSolarPower-de-20181013180233.csv
Content	aggregated ex-ante information regarding the expected generation from solar energy for the following day per control area.
Displayed Period	one day, following day
Contained Data	control area, point in time (date and time), quantity of the expected generation, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 06:05 – 07:05 p.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/production/usage_solar/ex_ante

Table 21: Characteristic of ExAntelInformationGenerationSolarPower File

The following table shows the complete line layout of the **ExAnteInformationGenerationSolarPower** file:

Line Type	Description	Frequency
COLI	file information # ExAnteInformationGenerationSolarPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type ESPL (Expected Solar Power Generation Line) # ESPL;ControlArea;TimeStamp;ExpectedSolarEnergy;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
ESPL	Expected Solar Power Generation Line	0 - n
TELI	Termination Line.	1

Table 22: Total file layout (ExAnteInformationGenerationSolarPower)

7.1.6 Expected Euro Wind Power Generation

EEX creates one file type called **ExAnteInformationGenerationEuroWindPower** from the transparency platform. The file contains aggregated ex-ante information data concerning the expected generation from wind energy.

Criterion	Description
Filename	[YYYYMMDD]-ExAnteInformationGenerationEuroWindPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20180920-ExAnteInformationGenerationEuroWindPower-de-20180919075643.csv
Content	aggregated ex-ante information regarding the expected generation from euro wind energy for the following day per control area.
Displayed Period	one day, following day
Contained Data	control area, point in time (date and time), quantity of the expected generation, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 06:05 – 07:05 p.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/production/euowind/usage_wind/ex_ante

Table 23: Characteristic of ExAnteInformationGenerationEuroWindPower File

The following table shows the line layout of the **ExAnteInformationGenerationEuroWindPower** file:

Line Type	Description	Frequency
COLI	file information # ExAnteInformationGenerationEuroWindPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type EWPL (Expected Wind Power Generation Line) # EWPL;ControlArea;Source;TimeStamp;ExpectedWindEnergy;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1

Line Type	Description	Frequency
EWPL	Expected Wind Power Generation Line	0 - n
TELI	Termination Line.	1

Table 24: Total file layout (ExAnteInformationGenerationEuroWindPower)

7.1.7 Expected Euro Solar Power Generation

EEX creates one file type called **ExAnteInformationGenerationEuroSolarPower** from the transparency platform. The file contains aggregated ex-ante information data concerning the expected generation from euro solar energy.

Criterion	Description
Filename	[YYYYMMDD]-ExAnteInformationGenerationEuroSolarPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20180919-ExAnteInformationGenerationEuroSolarPower-de_at-20180919185638.csv
Content	aggregated ex-ante information regarding the expected generation from euro solar energy for the following day per control area.
Displayed Period	one day, following day
Contained Data	control area, point in time (date and time), quantity of the expected generation, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 06:05 – 07:05 p.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/production/eurowind/usage_solar/ex_ante

Table 25: Characteristic of ExAnteInformationGenerationEuroSolarPower File

The following table shows the complete line layout of the **ExAnteInformationGenerationEuroSolarPower** file:

Line Type	Description	Frequency
COLI	file information # ExAnteInformationGenerationEuroSolarPower	1
COLI	empty line #	1

Line Type	Description	Frequency
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type ESPL (Expected Solar Power Generation Line) # ESPL;ControlArea;TimeStamp;ExpectedSolarEnergy;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
ESPL	Expected Solar Power Generation Line	0 - n
TELI	Termination Line.	1

Table 26: Total file layout (ExAntelInformationGenerationEuroSolarPower)

7.2 Ex-Post Information

7.2.1 Actual Production of Generation Units

EEX creates one file type called **ExPostInformationActualPlantGenerationPower** from the transparency platform. The file contains aggregated ex-post information data concerning the actual production per country.

Criterion	Description
Filename	[YYYYMMDD]-ExPostInformationActualPlantGenerationPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20181014-ExPostInformationActualPlantGenerationPower-de-20181015125829.csv
Content	aggregated ex-post information data concerning the actual generation per country
Displayed Period	one day, previous day
Contained Data	country, source; point in time (date and time), quantity of actual generation, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 03:00 – 04:00 a.m. CET/CEST

Criterion	Description
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/production/usage/ex_post

Table 27: Characteristic of ExPostInformationActualGenerationPower File

The following table shows the line layout of the **ExPostInformationActualGenerationPower** file:

Line Type	Description	Frequency
COLI	file information # ExPostInformationActualGenerationPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type APGL (Actual Plant Generation Line) # APGL;Country;Source;TimeStamp;ActualGeneration;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
APGL	Actual Plant Generation Line	0 - n
TELI	Termination Line.	1

Table 28: Total file layout (ExPostInformationActualGenerationPower)

7.2.2 Actual Unit Production of Generation Units

EEX creates one file type called **ExPostInformationActualUnitGenerationPower** from the transparency platform. The file contains all aggregated ex-post information data concerning the actual production per generation unit for a certain day.

Criterion	Description
Filename	[YYYYMMDD]-ExPostInformationActualUnitGenerationPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20181006-ExPostInformationActualUnitGenerationPower-de-20181011000615.csv
Content	aggregated ex-post information data concerning the actual generation per generation unit
Displayed Period	one day, information is published with a delay of 5 days
Contained Data	country, unit id, point in time (date and time), quantity of actual generation, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 00:05 – 01:05 a.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/production/usage/ex_post/

Table 29: Characteristic of ExPostInformationActualUnitGenerationPower File

The following table shows the line layout of the **ExPostInformationActualUnitGenerationPower** file:

Line Type	Description	Frequency
COLI	file information # ExPostInformationActualUnitGenerationPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type AUGL (Actual Unit Generation Line) # AUGL;Country;UnitID;TimeStamp;ActualGeneration;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1

Line Type	Description	Frequency
APGL	Actual Plant Generation Line	0 - n
TELI	Termination Line.	1

Table 30: Total file layout (ExPostInformationActualUnitGenerationPower)

7.2.3 Actual Wind Power Generation

EEX creates one file type called **ExPostInformationGenerationWindPower** from the transparency platform. The file contains aggregated ex-post information data concerning the actual wind power generation per control area.

Criterion	Description
Filename	[YYYYMMDD]-ExPostInformationGenerationWindPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20181015-ExPostInformationGenerationWindPower-de-20181015140702.csv
Content	aggregated ex-post information regarding the actual wind power generation per control area
Displayed Period	one day, previous day
Contained Data	control area, source, point in time (date and time), quantity of actual production, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 03:00 – 04:00 a.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/production/usage_wind/ex_post/

Table 31: Characteristic of ExPostInformationGenerationWindPower File

The following table shows the line layout of the **ExPostInformationGenerationWindPower** file:

Line Type	Description	Frequency
COLI	file information # ExPostInformationGenerationWindPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line)	1

Line Type	Description	Frequency
	# FCRT;CreationTimeStamp	
COLI	heading of line type AWPL (Actual Wind Power Generation Line) # AWPL;ControlArea;Source:TimeStamp;ActualWindEnergy;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
AWPL	Actual Wind Power Generation Line	0 - n
TELI	Termination Line.	1

Table 32: Total file layout (ExPostInformationGenerationWindPower)

7.2.4 Actual Solar Power Generation

EEX creates one file type called **ExPostInformationGenerationSolar** from the transparency platform. The file contains aggregated ex-post information data concerning the actual solar power generation per control area.

Criterion	Description
Filename	[YYYYMMDD]-ExPostInformationGenerationSolarPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20181014-ExPostInformationGenerationSolarPower-de-20181015030034.csv
Content	aggregated ex-post information regarding the actual solar power generation per control area
Displayed Period	–One day, previous day
Contained Data	control area, point in time (date and time), quantity of actual production, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 03:00 – 04:00 a.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/production/usage_solar/ex_post/

Table 33: Characteristic of ExPostInformationGenerationSolar File

The following table shows the line layout of the **ExPostInformationGenerationSolarPower** file:

Line Type	Description	Frequency
COLI	file information # ExPostInformationGenerationSolarPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type ASPL (Actual Solar Power Generation Line) # ASPL;ControlArea;TimeStamp;ActualSolarEnergy;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
ASPL	Actual Solar Power Generation Line	0 - n
TELI	Termination Line.	1

Table 34: Total file layout (ExPostInformationGenerationSolarPower)

7.2.5 Actual Euro Wind Power Generation

EEX creates one file type called **ExPostInformationGenerationEuroWindPower** from the transparency platform. The file contains aggregated ex-post information data concerning the actual euro wind power generation per control area.

Criterion	Description
Filename	[YYYYMMDD]-ExPostInformationGenerationEuroWindPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20181028-ExPostInformationGenerationEuroWindPower-de-20181002133102.csv
Content	aggregated ex-post information regarding the actual euro wind power generation per control area per quarter hour

Criterion	Description
Displayed Period	One day, previous day
Contained Data	control area, source, point in time (date and time), quantity of actual production, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 03:00 – 04:00 a.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/production/eurowind/usage_wind/ex_post/

Table 35: Characteristic of ExPostInformationGenerationEuroWindPower File

The following table shows the line layout of the **ExPostInformationGenerationEuroWindPower** file:

Line Type	Description	Frequency
COLI	file information # ExPostInformationGenerationEuroWindPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type AWPL (Actual Wind Power Generation Line) # AWPL;ControlArea;Source:TimeStamp;ActualWindEnergy;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
AWPL	Actual Wind Power Generation Line	0 - n
TELI	Termination Line.	1

Table 36: Total file layout (ExPostInformationGenerationEuroWindPower)

7.2.6 Actual Euro Solar Power Generation

EEX creates one file type called **ExPostInformationGenerationEuroSolarPower** from the transparency platform. The file contains aggregated ex-post information data concerning the actual solar power generation per control area.

Criterion	Description
Filename	[YYYYMMDDhh]-ExPostInformationGenerationEuroSolarPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20181024-ExPostInformationGenerationEuroSolarPower-de-20181024030213.csv
Content	aggregated ex-post information regarding the actual euro solar power generation per control area per quarter hour
Displayed Period	One day, previous day
Contained Data	control area, point in time (date and time), quantity of actual production, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 03:00 – 04:00 a.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/production/euro_solar/usage_solar/ex_post/

Table 37: Characteristic of ExPostInformationGenerationEuroSolarPower File

The following table shows the line layout of the **ExPostInformationGenerationEuroSolarPower** file:

Line Type	Description	Frequency
COLI	file information # ExPostInformationGenerationEuroSolarPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type ASPL (Actual Solar Power Generation Line) # ASPL;ControlArea;TimeStamp;ActualSolarEnergy;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI)	1

Line Type	Description	Frequency
	# TELI;LineNumbers	
COLI	empty line #	1
FCRT	File Creation Line	1
ASPL	Actual Solar Power Generation Line	0 - n
TELI	Termination Line.	1

Table 38: Total file layout (ExPostInformationGenerationEuroSolarPower)

8 Files Regarding Power Consumption

8.1 Ex-Ante Information

8.1.1 Planned Consumption by Generation Units

EEX creates one file type called **ExAnteInformationPlannedConsumptionPower** from the transparency platform. The file contains aggregated ex-ante information data concerning planned consumption in the respective country of consumption units.

Criterion	Description
Filename	[YYYYMMDD]-ExAnteInformationPlannedConsumptionPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20180130-ExAnteInformationPlannedConsumptionPower-de-20180129175013.csv
Content	aggregated ex-ante information data concerning planned consumption in the respective country of consumption units
Displayed Period	One day, following day
Contained Data	country, point in time (date and time), planned consumption, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 06:05 – 07:05 p.m CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/consumption/usage/ex_ante/

Table 39: Characteristic of ExAnteInformationPlannedConsumptionPower File

The following table shows the line layout of the **ExAnteInformationPlannedConsumptionPower** file:

Line Type	Description	Frequency
COLI	file information # ExAnteInformationPlannedConsumptionPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1

Line Type	Description	Frequency
COLI	heading of line type PCPL (Planned Consumption Power Line) # PCPL;Country;TimeStamp;PlannedConsumption;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
PCPL	Planned Consumption Power Line	0 - n
TELI	Termination Line.	1

Table 40: Total file layout (ExAntelInformationPlannedConsumptionPower)

8.2 Ex-Post Information

8.2.1 Actual Power Consumption of Units

EEX creates one file type called **ExPostInformationActualConsumptionPower** from the transparency platform. The file contains aggregated ex-post information data concerning the actual consumption per country.

Criterion	Description
Filename	[YYYYMMDD]-ExPostInformationActualConsumptionPower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20180210-ExPostInformationActualConsumptionPower-de-20180211125520.csv
Content	aggregated ex-post information data concerning the actual generation per country
Displayed Period	One day, previous day
Contained Data	country, source; point in time (date and time), quantity of actual consumption, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 03:00 – 04:00 a.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/consumption/usage/ex_post

Table 41: Characteristic of ExPostInformationActualConsumptionPower File

The following table shows the line layout of the **ExPostInformationActualConsumptionPower** file:

Line Type	Description	Frequency
COLI	file information # ExPostInformationActualConsumptionPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type ACPL (Actual Consumption Power Line) # ACPL;Country;TimeStamp;ActualConsumption;PublicationTimeStamp;ModificationTime eStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
ACPL	Actual Consumption Power Line	0 - n
TELI	Termination Line.	1

Table 42: Total file layout (ExPostInformationActualConsumptionPower)

9 Files Regarding Gas Consumption

9.1 Ex-Ante Information

9.1.1 Planned Consumption by Generation Units

EEX creates one file type called **ExAnteInformationPlannedConsumptionGas** from the transparency platform. The file contains aggregated ex-ante information data concerning planned consumption in the respective market area of consumption units.

Criterion	Description
Filename	[YYYYMMDD]-ExAnteInformationPlannedConsumptionGas-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20181013-ExAnteInformationPlannedConsumptionGas-de-20181012120052.csv
Content	aggregated ex-ante information data concerning planned consumption in the respective market area of consumption units
Displayed Period	One day, following gas day (6am – 6am)
Contained Data	market area, point in time (date and time), planned consumption, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 06:05 – 07:05 p.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/Gas/csv/[country]/consumption/usage/ex_ante/

Table 43: Characteristic of ExAnteInformationPlannedConsumptionGas File

The following table shows the line layout of the **ExAnteInformationPlannedConsumptionGas** file:

Line Type	Description	Frequency
COLI	file information # ExAnteInformationPlannedConsumptionGas	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type PCGL (Planned Consumption Gas Line)	1

Line Type	Description	Frequency
	# PCGL;MarketArea;TimeStamp;PlannedConsumption;PublicationTimeStamp;ModificationTimeStamp	
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
PCGL	Planned Consumption Gas Line	0 - n
TELI	Termination Line.	1

Table 44: Total file layout (ExAntelInformationPlannedConsumptionGas)

9.2 Ex-Post Information

9.2.1 Actual Gas Consumption of Units

EEX creates one file type called **ExPostInformationActualConsumptionGas** from the transparency platform. The file contains aggregated ex-post information data concerning the actual consumption per market area.

Criterion	Description
Filename	[YYYYMMDD]-ExPostInformationActualConsumptionGas-[COUNTRY]-YYYYMMDDhhmmss.csv example: 20180210-ExPostInformationActualConsumptionPower-de-20180211125520.csv
Content	aggregated ex-post information data concerning the actual generation per market area
Displayed Period	one hour, – PERIOD MARK hour
Contained Data	Market area, source; point in time (date and time), quantity of actual consumption, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 12:00 a.m. – 01:00 p.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/gas/csv/[country]/consumption/usage/ex_post

Table 45: Characteristic of ExPostInformationActualConsumptionGas File

The following table shows the line layout of the **ExPostInformationActualConsumptionGas** file:

Line Type	Description	Frequency
COLI	file information # ExPostInformationActualConsumptionGas	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type ACGL (Actual Consumption Gas Line) # ACGL;MarketArea;TimeStamp;ActualConsumption;PublicationTimeStamp;Modification TimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
ACGL	Actual Consumption Gas Line	0 - n
TELI	Termination Line.	1

Table 46: Total file layout (ExPostInformationActualConsumptionGas)

10 Files Regarding Power Storage

10.1 Ex-Post Information

10.1.1 Actual Power Storage of Units

EEX creates one file type called **ExPostInformationActualStoragePower** from the transparency platform. The filling level of the storage unit indicates the energy stored at 24:00 on the previous day and is published at 9:00 on the current day.

Criterion	Description
Filename	[YYYYMMDD]-ExPostInformationActualStoragePower-[COUNTRY]-[YYYYMMDDhhmmss].csv example: 20180215-ExPostInformationActualStoragePower-de-20180215090249.csv
Content	The filling level of the storage unit indicates the energy stored at 24:00 on the previous day and is published at 9:00 on the current day.
Displayed Period	One day, previous day
Contained Data	country, source; point in time (date and time), quantity of filling level, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 12:00 a.m. – 01:00 p.m. CET/CEST
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/storage/usage/filling_level

Table 47: Characteristic of ExPostInformationActualStoragePower File

The following table shows the line layout of the **ExPostInformationActualStoragePower** file:

Line Type	Description	Frequency
COLI	file information # ExPostInformationActualStoragePower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type APSL (Actual Power Storage Line)	1

Line Type	Description	Frequency
	# APSL;Country;TimeStamp;Quantity;PublicationTimeStamp;ModificationTimeStamp	
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
APSL	Actual Power Storage Line	0 - n
TELI	Termination Line.	1

Table 48: Total file layout (ExPostInformationActualStoragePower)

11 Files Regarding Non-Usabilities

11.1 Non-Usability of Power Generation Units

EEX creates one file type called **NonUsabilityGenerationPower** from the transparency platform. The file contains ex-ante and ex-post data concerning planned and unplanned non-usabilities of generating units with a net nominal output of ≥ 100 MW that lasts for at least one hour. This must be reported by the facility operator. In addition, non-usabilities of at least 10 MW lasting for 15 minutes or more can also be reported. The available/unavailable capacity can be constant over time. If the available/unavailable capacity fluctuates over time, the reporting company has the possibility to submit a non-available capacity interval series.

Criterion	Description
Filename	[YYYY]-NonUsabilityGenerationPower-[COUNTRY]- [YYYYMMDDhhmmss].csv example: 2018-NonUsabilityGenerationPower-de-20181012134228.csv
Content	Information on planned and unplanned non-usabilities of power generating units
Displayed Period	all active and dismissed non-usabilities with a capacity of ≥ 100 MW and duration of a minimum of one hour with an end date greater or equal and a start date less or equal than the affected year. In addition, limitations of at least 10 MW lasting for 15 minutes or more can be reported.
Contained Data	country, company id , ACER code, prodcons id, unit id, EIC, control area, source, installed capacity, type, event id, start date, end date, interval start, interval end, non-availability capacity, available capacity, non-availability reason, timestamp, status, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 00:05 – 01:05 a.m. CET/CEST (only in case of updates)
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/production/non_usability_generation/ex_ante/

Table 49: Characteristic of NonUsabilityGenerationPowerPower File

The following table shows the line layout of the **NonUsabilityGenerationPower** file:

Line Type	Description	Frequency
COLI	file information # NonUsabilityGenerationPower	1

Line Type	Description	Frequency
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type NUGL (Non-Usability Generation Line) # NUGL;Country;CompanyID;AcerCode;ProdConsID;UnitID;EIC;ControlArea;Source;InstalledCapacity;Type;EventID;NUMStartDate;NUMEndDate;IntervalStart;IntervalEnd;NUMCapacity;AvailableCapacity;NonavailabilityReason;TimeStamp;Status;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
NUGL	Non-Usability Generation Line	0 - n
TELI	Termination Line.	1

Table 50: Total file layout (NonUsabilityGenerationPower)

11.2 Non-Usability of Power Consumption Units

EEX creates one file type called **NonUsabilityConsumptionPower** transparency platform.

The file contains planned and unscheduled information data concerning non-usabilities of power consumption units with a net nominal output of ≥ 10 MW that lasts for, at least, 15 minutes has to be reported by the facility operator. The available/unavailable capacity can be constant over time. If the available/unavailable capacity fluctuates over time, the reporting company has the possibility to submit a non-available capacity interval series.

Criterion	Description
Filename	[YYYY]-NonUsabilityConsumptionPower-[COUNTRY]- [YYYYMMDDhhmmss].csv example: 2018-NonUsabilityConsumptionPower-de-20180122093956.csv
Content	ex-post and ex-ante information regarding non-usabilities of power consumption units.
Displayed Period	all active and dismissed non-usabilities with a capacity of ≥ 100 MW and duration of a minimum of one hour with an end date greater or equal and a start date less or equal than the affected year. In addition, limitations of at least 10 MW lasting for 15 minutes or more can be reported.
Contained Data	country, company id , ACER code, prodcons id, unit id, EIC, control area, source, installed capacity, type, event id, start date, end date, interval start, interval end, non-availability capacity, available capacity, non-availability reason, timestamp, status, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 00:05 – 01:05 a.m. CET/CEST (only in case of updates)
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/consumption/non_usability/

Table 51: Characteristic of NonUsabilityConsumptionPower File

The following table shows the complete line layout of the **NonUsabilityConsumptionPower** file:

Line Type	Description	Frequency
COLI	file information # NonUsabilityConsumptionPower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line)	1

Line Type	Description	Frequency
	# FCRT;CreationTimeStamp	
COLI	heading of line type NUCL (Non-Usability Consumption Line) # NUCL;Country;CompanyID;AcerCode;ProdConsID;UnitID;EIC;ControlArea;Source;InstalledCapacity;Type;EventID;NUMStartDate;NUMEndDate;IntervalStart;IntervalEnd;NUMCapacity;AvailableCapacity;NonavailabilityReason;TimeStamp;Status;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
NUCL	Non-Usability Consumption Line	0 - n
TELI	Termination Line.	1

Table 52: Total file layout (NonUsabilityConsumptionPower)

11.3 Non-Usability of Gas Consumption Units

EEX creates one file type called **NonUsabilityConsumptionGas** transparency platform. The file contains planned and unscheduled information data concerning non-usabilities of gas consumption units with a net nominal output of ≥ 20000 KW that lasts for at least one hour. This must be reported by the facility operator. In addition, non-usabilities of at least ≥ 20000 KW lasting for 15 minutes or more can also be reported. From 22/07/2020 the unit will be KW instead of MW.

Criterion	Description
Filename	[YYYY]-NonUsabilityConsumptionGas-[COUNTRY]- [YYYYMMDDhhmmss].csv example: 2018-NonUsabilityConsumptionGas-de-20181012152740.csv
Content	ex-post and ex-ante information regarding non-usabilities of gas consumption units.
Displayed Period	all active and dismissed non-usabilities with a capacity of ≥ 20000 and duration of a minimum of one hour with an end date greater or equal and a start date less or equal than the affected year.
Contained Data	country, company id , ACER code, prodcons id, unit id, EIC, control area, source, installed capacity, type, event id, start date, end date, interval start, interval end, non-availability capacity, available capacity, non-availability reason, timestamp, status, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 00:05 – 01:05 a.m. CET/CEST (only in case of updates)
Download Location	sftp://datasource.eex-group.com: /transparency_data/gas/csv/[country]/consumption/non_usability/

Table 53: Characteristic of NonUsabilityConsumptionGas File

The following table shows the complete line layout of the **NonUsabilityConsumptionGas** file:

Line Type	Description	Frequency
COLI	file information # NonUsabilityConsumptionGas	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type NUCL (Non-Usability Consumption Line) # NUCL;Country;CompanyID;;ProdConsID;UnitID;;MarketArea;;Type;EventID;NUMStart Date;NUMEndDate;;NUMCapacity;;NonavailabilityReason;TimeStamp;Status;Publication TimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line	1

Line Type	Description	Frequency
	#	
FCRT	File Creation Line	1
NUCL	Non-Usability Consumption Line	0 - n
TELI	Termination Line.	1

Table 54: Total file layout (NonUsabilityConsumptionGas)

11.4 Non-Usability of Power Storage Units

EEX creates one file type called **NonUsabilityStoragePower** transparency platform. The file contains planned and unscheduled information data concerning non-usabilities of power consumption units with a net nominal output of ≥ 100 MW that lasts for at least, one hour. This must be reported by the facility operator. In addition, limitations of at least 10 MW lasting for 15 minutes or more can also be reported. The available/unavailable capacity can be constant over time. If the available/unavailable capacity fluctuates over time, the reporting company has the possibility to submit a non-available capacity interval series.

Criterion	Description
Filename	[YYYY]-NonUsabilityStoragePower-[COUNTRY]- [YYYYMMDDhhmmss].csv example: 2018-NonUsabilityStoragePower-de-20180122093921.csv
Content	ex-post and ex-ante information regarding non-usabilities of power storage units.
Displayed Period	all active and dismissed non-usabilities with a capacity of ≥ 100 MW and duration of a minimum of one hour with an end date greater or equal and a start date less or equal than the affected year. In addition, limitations of at least 10 MW lasting for 15 minutes or more can be reported.
Contained Data	country, company id , ACER code, prodcons id, unit id, EIC, control area, source, installed capacity, type, event id, start date, end date, interval start, interval end, non-availability capacity, available capacity, non-availability reason, timestamp, status, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 00:05 – 01:05 a.m. CET/CEST (only in case of updates)
Download Location	sftp://datasource.eex-group.com: /transparency_data/power/csv/[country]/storage/non_usability/

Table 55: Characteristic of NonUsabilityStoragePower File

The following table shows the line layout of the **NonUsabilityConsumptionPower** file:

Line Type	Description	Frequency
COLI	file information # NonUsabilityStoragePower	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type NUSL (Non-Usability Storage Line) # NUSL;Country;CompanyID;AcerCode;ProdConsID;UnitID;EIC;ControlArea;Source;InstalledCapacity;Type;EventID;NUMStartDate;NUMEndDate;IntervalStart;IntervalEnd;NUMCapacity;AvailableCapacity;NonavailabilityReason;TimeStamp;Status;PublicationTimeStamp;ModificationTimeStamp	1
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
NUSL	Non-Usability Storage Line	0 - n
TELI	Termination Line.	1

Table 56: Total file layout (NonUsabilityStoragePower)

12 Files regarding other Messages

12.1 Ad-hoc messages

EEX creates one file type called **AdhocMessages** from the transparency platform. The file contains information data concerning possible insider information for all units which cannot be reported in a standard message format. The message also acts as a Non-Usability message in case a reporting company is unable to send regular Non-Usability message types.

Criterion	Description
Filename	[YYYY]-AdhocMessages-[YYYYMMDDhhmmss].csv example: 2018-AdhocMessages-20180201170536.csv
Content	Information on possible insider information of all units.
Displayed Period	contains information data concerning possible insider information for all units which are not quantifiably. Doubles as Non-Usability message in case a reporting company is unable to send regular Non-Usability message types
Contained Data	country, company id, company name, event id, status, adhoc type, start date, end date, message, timestamp of publication (date and time), timestamp of modification (date and time)
Generation Frequency and Time	daily, 00:05 – 01:05 a.m. CET/CEST (only in case of updates)
Download Location	sftp://datasource.eex-group.com: /transparency_data/adhoc_messages/

Table 57: Characteristic of AdhocMessages File

The following table shows the complete line layout of the **AdhocMessages** file:

Line Type	Description	Frequency
COLI	file information # AdhocMessages	1
COLI	empty line #	1
COLI	heading of line type FCRT (File Creation Line) # FCRT;CreationTimeStamp	1
COLI	heading of line type AHML (Ad Hoc Message Line)	1

Line Type	Description	Frequency
	# AHML;Country;CompanyID;CompanyName;EventID;Status;AdhocType;StartDate;EndDateMessage;PublicationTimeStamp;ModificationTimeStamp	
COLI	heading of line type Termination Line (TELI) # TELI;LineNumbers	1
COLI	empty line #	1
FCRT	File Creation Line	1
AHML	Ad Hoc Message Line (max. 1.000 characters)	0 - n
TELI	Termination Line.	1

Table 58: Total file layout (AdhocMessages)

13 List of Tables

Table 1: File naming elements	14
Table 2: Definition of formats.....	14
Table 3: Definition of Data Fields	20
Table 4: Allowed Values of specific Field	22
Table 5: Available File types.....	28
Table 6: Available Countries.....	29
Table 7: Characteristic of Master Data Power File	30
Table 8: Total file layout (MasterData-Power)	32
Table 9: Characteristic of Master Data Gas File	33
Table 10: Total file layout (MasterData-Gas).....	35
Table 11: Characteristic of ExAntelInformationWorkingCapacityStoragePower File.....	35
Table 12: Total file layout (ExAntelInformationWorkingCapacityStoragePower)	36
Table 15: Characteristic of ExAntelInformationAvailableCapacityPower File	37
Table 16: Total file layout (ExAntelInformationAvailableCapacityPower)	38
Table 17: Characteristic of (ExAntelInformationNonUsableCapacityPower)	38
Table 18: Total file layout (ExAntelInformationNonUsableCapacityPower)	39
Table 19: Characteristic of ExAntelInformationPlannedGenerationPower File.....	40
Table 20: Total file layout (ExAntelInformationPlannedGenerationPower).....	41
Table 21: Characteristic of ExAntelInformationGenerationWindPower File.....	41
Table 22: Total file layout (ExAntelInformationGenerationWindPower).....	42
Table 23: Characteristic of ExAntelInformationGenerationSolarPower File	42
Table 24: Total file layout (ExAntelInformationGenerationSolarPower)	43
Table 25: Characteristic of ExAntelInformationGenerationEuroWindPower File	44
Table 26: Total file layout (ExAntelInformationGenerationEuroWindPower)	45
Table 27: Characteristic of ExAntelInformationGenerationEuroSolarPower File.....	45
Table 28: Total file layout (ExAntelInformationGenerationEuroSolarPower)	46
Table 29: Characteristic of ExPostInformationActualGenerationPower File.....	47
Table 30: Total file layout (ExPostInformationActualGenerationPower)	47
Table 31: Characteristic of ExPostInformationActualUnitGenerationPower File.....	48
Table 32: Total file layout (ExPostInformationActualUnitGenerationPower).....	49
Table 33: Characteristic of ExPostInformationGenerationWindPower File.....	49
Table 34: Total file layout (ExPostInformationGenerationWindPower)	50
Table 35: Characteristic of ExPostInformationGenerationSolar File.....	50
Table 36: Total file layout (ExPostInformationGenerationSolarPower).....	51
Table 37: Characteristic of ExPostInformationGenerationEuroWindPower File	52
Table 38: Total file layout (ExPostInformationGenerationEuroWindPower)	52
Table 39: Characteristic of ExPostInformationGenerationEuroSolarPower File	53
Table 40: Total file layout (ExPostInformationGenerationEuroSolarPower)	54
Table 41: Characteristic of ExAntelInformationPlannedConsumptionPower File	55
Table 42: Total file layout (ExAntelInformationPlannedConsumptionPower)	56
Table 43: Characteristic of ExPostInformationActualConsumptionPower File.....	56
Table 44: Total file layout (ExPostInformationActualConsumptionPower).....	57
Table 45: Characteristic of ExAntelInformationPlannedConsumptionGas File.....	58
Table 46: Total file layout (ExAntelInformationPlannedConsumptionGas).....	59
Table 47: Characteristic of ExPostInformationActualConsumptionGas File	59
Table 48: Total file layout (ExPostInformationActualConsumptionGas)	60
Table 49: Characteristic of ExPostInformationActualStoragePower File	61
Table 50: Total file layout (ExPostInformationActualStoragePower)	62
Table 51: Characteristic of NonUsabilityGenerationPowerPower File.....	63
Table 52: Total file layout (NonUsabilityGenerationPower)	64

Table 53: Characteristic of NonUsabilityConsumptionPower File..... 65

Table 54: Total file layout (NonUsabilityConsumptionPower)..... 66

Table 55: Characteristic of NonUsabilityConsumptionGas File 67

Table 56: Total file layout (NonUsabilityConsumptionGas) 68

Table 57: Characteristic of NonUsabilityStoragePower File 68

Table 58: Total file layout (NonUsabilityStoragePower) 69

Table 59: Characteristic of AdhocMessages File 70

Table 60: Total file layout (AdhocMessages)..... 71