

ENTSOG Transparency Platform

Overview

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Presentation content



Presentation content

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Historical overview



HISTORICAL OVERVIEW



ENTSOG TP Establishment



HISTORICAL OVERVIEW



TP predecessor

The screenshot displays the entso-g Transparency Platform interface, which is divided into several functional areas:

- ROUTING & DATA:** Includes buttons for 'SELECT ROUTE', 'SELECT POINT', 'AVAILABLE OPERATORS', and 'HELP'. It features a 'SHOW ROUTES' section with a table of routes and their characteristics.
- MAPS:** Shows a large map of Europe with a search bar and navigation controls. A smaller map view shows a detailed view of the 'Blaregnies Segeo (Entry, Fluxys)' area.
- OPERATIONAL PROCEDURES:** Contains a 'Map Loaded' section and a search bar.
- COMMERCIAL INFORMATION:** Includes a 'Zelzate GIS' section with a map and a table of technical and commercial data for the Zelzate GIS interconnector.
- Historical Overview Table:** A table showing daily information for the period from 2010-05-11 to 2010-09-10. The table includes columns for Gasday, Nominations, Renominations, Flows, Status, and Interruptions.

Gasday	Nominations**	Renominations**	Flows**	Status	Interruptions (✓/✗)***
10 Sep 2010	5,776,190				
09 Sep 2010	3,455,008	12,158,980	12,158,977		
08 Sep 2010	3,708,922	4,885,838	4,885,838		
07 Sep 2010	3,245,213	3,466,049	3,466,049		
06 Sep 2010	3,306,121	3,606,121	3,606,121		
05 Sep 2010	1,670,027	1,670,027	1,670,027		
04 Sep 2010	1,436,087	1,709,072	1,709,072		
03 Sep 2010	1,769,963	2,366,875	2,366,875		
02 Sep 2010	2,510,890	3,340,890	3,340,890		
01 Sep 2010	3,791,284	2,944,424	2,944,424		
31 Aug 2010	4,759,065	4,073,719	4,073,719		
30 Aug 2010	4,731,705	4,210,723	4,210,723		
29 Aug 2010	2,938,388	3,114,971	3,114,971		
28 Aug 2010	2,667,423	2,778,716	2,778,716		



Legal basis



Legal basis



Which regulation?

- ✓ **REGULATION (EC) No 715/2009 (Transparency Guidelines)**
 - COMMISSION DECISION of 10/11/2010 on amending Annex I to Regulation (EC) No 715/2009
 - COMMISSION DECISION of 24/08/2012 on amending Annex I to Regulation (EC) No 715/2009
 - COMMISSION DECISION (EU) 2015/715 of 30/04/2015 amending Annex I to Regulation (EC) No 715/2009

- ✓ **REGULATION (EU) No 984/2013 (CAM NC)**
- ✓ **REGULATION (EU) No 2015/703 (Interoperability NC)**

- ✓ **REMIT and REMIT IMPLEMENTING ACTS**
 - REGULATION (EU) No 1227/2011
 - REGULATION (EU) No 1348/2014

ANNEX

3. Definition of the technical information necessary for network users to gain effective access to the system, the definition of all relevant points for transparency requirements and the information to be published at all relevant points and the time schedule according to which this information shall be published

3.1. *Definition of the technical information necessary for network users to gain effective access to the system*

3.1.1. Form of publication

(1) Transmission system operators (TSOs) shall provide all information referred to under paragraph 3.1.2 and paragraph 3.3(1) to 3.3(5) in the following manner:

(h) all data shall be made available as of 1 October 2013 on one Union-wide central platform, established by ENTSOG on a cost-efficient basis.;



Legal basis



What data?

REGULATION REFERENCE

COMMISSION DECISION of 10/11/2010 on amending Annex I to Regulation (EC) No 715/2009

Point 3.3.(1) – (5)

Information to be published at all relevant points and point directions

- *Technical capacity*
- *Available firm capacity*
- *Booked firm capacity*
- *Total interruptible capacity*
- *Available interruptible capacity*
- *Booked interruptible capacity*
- *Nominations and re-nominations*
- *Actual physical flow*
- *Planned and actual interruption of interruptible capacity*
- *Planned and unplanned interruptions to firm services*
- *Gross calorific value or Wobbe index*



Legal basis



For which points?

REGULATION REFERENCE

COMMISSION DECISION of 10/11/2010 on amending Annex I to Regulation (EC) No 715/2009

Point 3.2 (1) – (3)

Relevant points, subject to NRA approval, shall include at least

- *All entry and exit points to and from the TSO network, with the exception of exit points connected to a single final customer, and entry points linked directly to a production facility of a single producer that is located within the EU*
- *All entry and exit points between adjacent TSOs*
- *All entry and exit points connecting balancing zones*
- *All connection points between the TSO network and LNG terminal(s)*
- *All connection points between the TSO network and physical gas hub(s)*
- *All connection points between the TSO network and storage facility(s)*
- *All points connecting the TSO network to infrastructure necessary for providing ancillary services as defined by Article 2(14) of Directive 2009/73/EC*
- *Aggregated exit points to final customers, per balancing zone*
- *Aggregated entry points from production facilities, per balancing zone*
- *Other points, subject to NRA's decision*

How the required data shall be published?

REGULATION REFERENCE

COMMISSION DECISION of 10/11/2010 on amending Annex I to Regulation (EC) No 715/2009

Point 3.1.1

Form of publication

- *On public manner, free of charge*
- *Without registration/subscription requirements, on a non-discriminatory basis*
- *In a clear, quantifiable, easily accessible way*
- *On a regular/rolling basis*
- *In a user-friendly manner*
- *In downloadable format that allows for quantitative analyses (e.g.: XML, CSV, XLS)*
- *In consistent units:*
 - *Unit for energy content: **kWh** (with CRT=298,15 K)*
 - *Unit for volume: **m³** (at 273,15 K and 1,01325 bar)*
 - *The constant conversion factor to energy content shall be provided*
- *In the official language(s) of the Member State and in English*



TP overview



ENTSOG TP web-address

<https://transparency.entsog.eu/>

The screenshot displays the 'entsog transparency PLATFORM' interface. At the top, there is a dark blue navigation bar with icons and labels for: POINTS, ZONES, OPERATORS, CALENDAR (showing '27'), SUBSCRIBE, HELP, and LOGIN. Below this bar is a search input field labeled 'Search Zone or Point'. The main area features a map of Europe with a dense network of black lines representing rail routes and numerous colored circular markers (yellow, green, blue, purple) indicating specific points of interest. On the right side of the map, there is a vertical toolbar with icons for zooming in (+), zooming out (-), full screen, layers, a list, and an information icon (i).



ENTSOG TP Overview

Export options

By default, export wizard is returning currently selected points in recipient panel and indicator. You can export selection by using "All points" and "from" fields

All points
 All CAM- Relevant points
 All points from:
 Source:
 Format:

Export infos

Elapsed Time (s):
 Export State:

ENTSOG TP

Transport data | CMP data | Tariff data | Point information | Export wizard

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DISPLAY

- Urgent Market Messages
- Unplanned Inter. Firm Services...
- Planned Inter. Firm Services
- Planned Inter. Intermittible Capacity
- Actual Inter. Intermittible Capacity

TSO

- All TSOs
- Amber Grid
- BBIL
- BTG
- CEGAS
- CEGSA S.A.
- ENDK
- Fleming
- Enegas
- Euribeam
- EGSZ
- Fluysa Belgium
- Fluysa Deutschland

arch Zone or Point

Points | Transport data | CMP data | Tariff data | Point information | Export wizard

Point	Operator	TSO Point Identifier	Direction	Period	Indicator	Value	Status	Last date of value update
Emden (EPT1) (GUD)	Gasunie Deutschland	2120000000000511	entry	01/09/2016 06:00 - 02/09/2016 06:00	Renomination	89,273,370 kWh/d	Statu	04/09/2016 21:14
Emden (EPT1) (GUD)	Gasunie Deutschland	2120000000000511	entry	01/09/2016 06:00 - 02/09/2016 06:00	Nomination	16,887,182 kWh/d	Statu	04/09/2016 20:40

Hourly data
 Daily data
 Periodization
 Compact
 Current Timezone
 CET
 From Gas Day
 2016-08-16

Points | Transport data | CMP data | Tariff data | Point information | Export wizard



ENTSOG TP Overview



Main parts and functionalities

- TP Map (Customizable display and filtering options)
- TSO information part
- Points/Balancing zones part (Numeric data part, chart part, time-stamps)
- Calendar with UMMs and Interruptions information
- Rolling banner
- Search bar
- Advanced search functionality
- Recently viewed items
- Favorites (Quick access to pre-selected set of objects - for registered users only)
- TP Export wizard (Manual data export in XLSX, CSV, XML format)
- TP API (Automated download tool)
- RSS (Web-feeds for subscription to TP data updates)
- Help section with TP User Manual



ENTSOG TP Overview



TP Data types

Indicator	Granularity of data*	Frequency of publication/update	Units
Nominations	Hourly or Daily	Hourly or Daily	kWh/h or kWh/d
Re-nominations	Hourly or Daily	Hourly or Daily	kWh/h or kWh/d
Allocations** (commercial flow)	Hourly or Daily	Hourly or Daily	kWh/h or kWh/d
Actual physical flow	Hourly or Daily	Hourly or Daily	kWh/h or kWh/d
GCV	Hourly or Daily	Hourly or Daily	kWh/m3
Wobbe Index	Hourly or Daily	Hourly or Daily	kWh/m3
Technical capacity	Hourly or Daily	When changed	kWh/d
Booked firm capacity	Hourly or Daily	When changed	kWh/d
Available firm capacity	Hourly or Daily	When changed	kWh/d
Total interruptible capacity	Hourly or Daily	When changed	kWh/d
Booked interruptible capacity	Hourly or Daily	When changed	kWh/d
Available interruptible capacity	Hourly or Daily	When changed	kWh/d



ENTSOG TP Overview



TP Data types

Indicator	Granularity of data*	Frequency of publication/update	Units
Planned interruption of firm capacity	Hourly or Daily	Hourly or Daily	kWh/h or kWh/d
Unplanned interruption of firm capacity	Hourly or Daily	Hourly or Daily	kWh/h or kWh/d
Planned interruption of interruptible capacity	Hourly or Daily	Hourly or Daily	kWh/h or kWh/d
Actual interruption of interruptible capacity	Hourly or Daily	Hourly or Daily	kWh/h or kWh/d
Percentage of the interrupted firm capacity**	-	Hourly or Daily	%
Percentage of the interrupted interruptible capacity**	-	Hourly or Daily	%

* Data granularity depends on the smallest reference period for capacity booking and (re-)nomination and the smallest settlement period for which imbalance charges are calculated;

** Publication on voluntary basis (non-mandatory)



ENTSOG TP Overview



TP Data types

Indicator
Unsuccessful requests for firm capacity products (requested volume, allocated volume, unsuccessful request, number of occurrences)
Auction results (reserved price, cleared price, auction premium)
Unavailable firm capacity (capacity allocation procedure applied)
Capacity made available through the application of a CMP procedure (oversubscription, buy-back, surrender, LT-UIOLI, ST-UIOLI)
Tariff information
Urgent Market Messages



ENTSOG TP Overview



Points information/identification

- ✓ Point name
- ✓ Point direction
- ✓ Point **EIC (Energy Identification Code)**
- ✓ Validity period (Date of commissioning – Date of decommissioning)
- ✓ CAM/CMP Relevance
- ✓ Point types:
 - Transmission point
 - Storage points (connection points TSO transmission system – Storage facility)
 - LNG points (connection points TSO transmission system – LNG Terminal)
 - Aggregated production point
 - Aggregated final customers point
 - Aggregated distribution point
 - Interconnection point
 - Cross-border point
 - In-country connection point
 - Import point
 - Virtual Interconnection point
 - Virtual Trading point



ENTSOG TP Overview



Data submission rules

- Always test the new data types submission first on UAT
- Minimise redundant submissions and apply a “Delta” approach:
Messages submitted to the system should only contain values which have actually changed compared to the ones submitted through a previous message
- Respect ENTSOG recommendations regarding frequency of data uploads
- All deletion actions need to be carefully prepared and coordinated with ENTSOG in advance
- New point definition shall be communicated and coordinated with ENTSOG
- Capacity data units – energy units only – kWh/h, kWh/d
- Point identification – through EICs only

Strictly follow the recommendations of
“ENTSOG Data Publication Best Practices document”



ENTSOG TP Overview



Technical information

Data submission modes

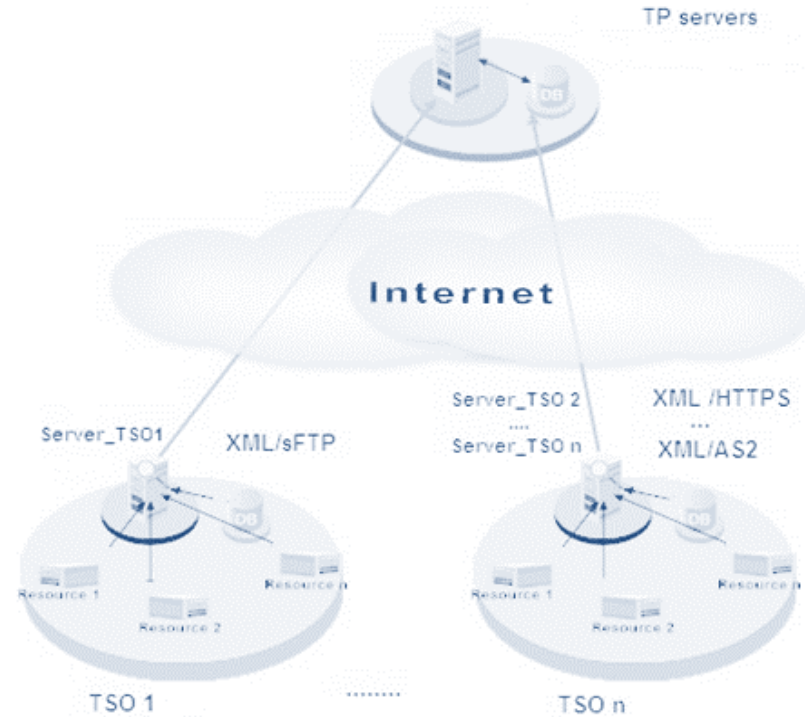
- Manual
- Automated

Supported communication protocols

- SFTP
- HTTPS Pull
- HTTPS Push
- AS2

Data submission format

- XML files based on private ENTSOG XSD specification (TP18_REG715_XSD_ENTSOG_v3.X.X.xsd)



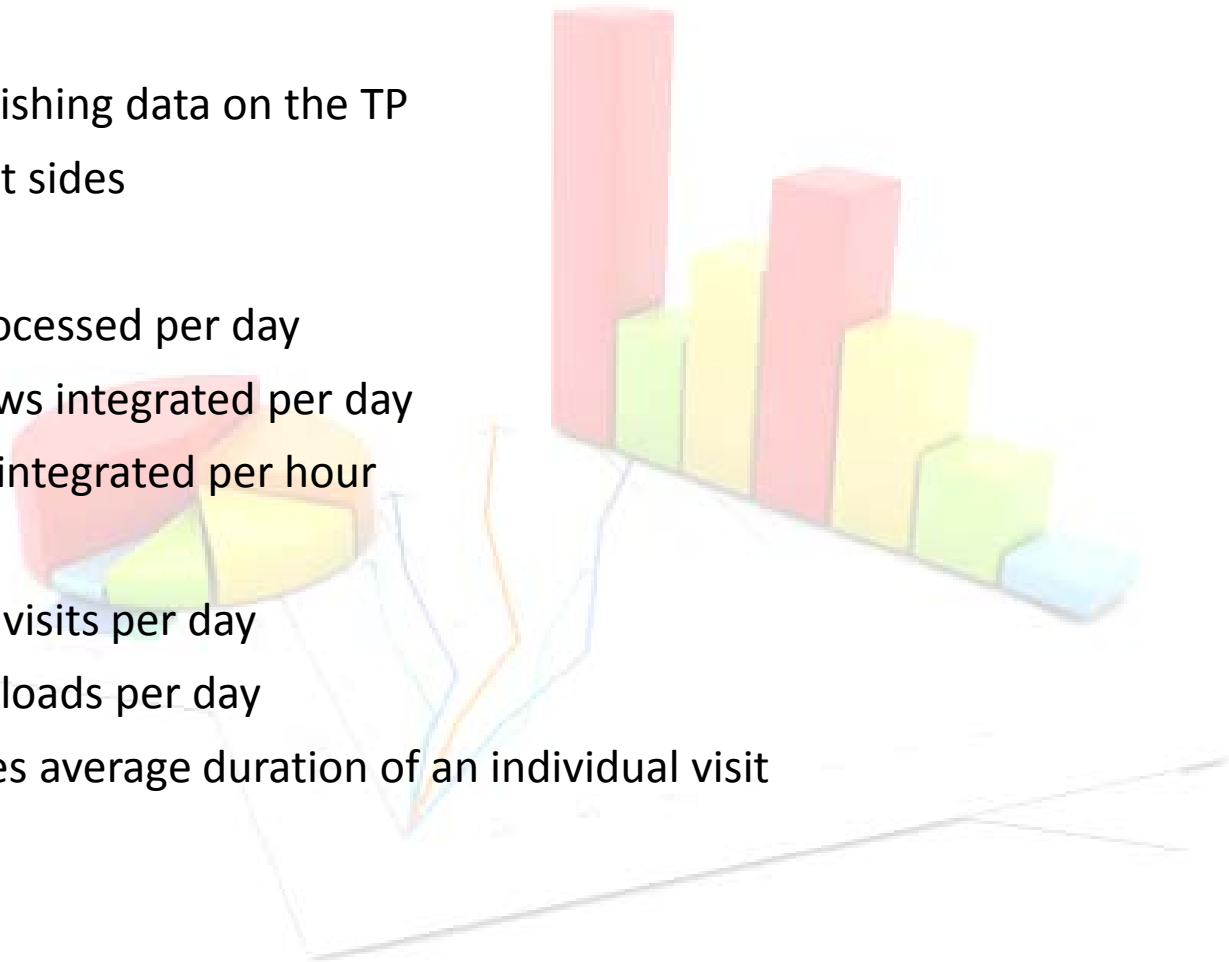


ENTSOG TP Overview



Statistical information

- 49 TSOs publishing data on the TP
- 1550 TP point sides
- 5600 files processed per day
- 1 725 000 rows integrated per day
- 24 000 rows integrated per hour
- 1200 unique visits per day
- 40 000 downloads per day
- 23-27 minutes average duration of an individual visit





Services provided to the ENTSOG members



TP related services



Services and activities performed by ENTSOG Team

- Kit for new TP Publishers (XSD, Administration guide, Best Practices document)
- Support in the establishment of TSO - ENTSOG TP communication interface
- Testing environment (TST)
- Production environment (PRD)
- TP Back-end system – administration portal (MDM)
- Monitoring of the data processing in TST and PRD
- Monitoring of the TP performance and operability
- Troubleshooting and support for solving publication issues
- Data processing and data quality reports
- Annual TP bulk exports for ACER monitoring activities (CMP and MMR reports)
- ENTSOG REMIT Reporting of aggregated fundamental data to ACER
- Further TP development



Open questions



Questions - EnC CP TSOs on ENTSOG TP

1. ***What is the scope of Regulation (EC) No 715/2009 transparency requirements that is envisaged to be implemented by the gas TSOs from the EnC Contracting Parties?***
2. ***Where the data will be published?***
 - On ENTSOG TP and TSOs' own web-sites
 - On TSOs' web-sites
 - On a platform, established by EnC Secretariat
3. ***For which points data will be published?***
 - For all relevant points
 - For the IPs only
4. ***What data will be published?***
 - Full set of the required data
 - Partial implementation (e.g.: capacity, flow and gas quality data)
5. ***In what term the data publications will start?***
6. ***How many EnC CP TSOs will start the data publication within the defined timeline?***
7. ***How the relations between EnC and ENTSOG will be arranged for the usage of ENTSOG TP and the support of the EnC TSOs (Contracts/General Terms and Conditions)?***
8. ***Is the REMIT implementation envisaged by the EnC Contracting Parties?***





Thank You for Your Attention

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TP operators section




General TSO information

- Contact details
- Links to the TSO's web-site
- General technical and commercial data





TSO NAME
TRANSMISSION SYSTEM OPERATOR FOR GAS

21X-TSO-EIC-CODE

 TSO Name
City, 1000
Address st., No 1
Country

Applied capacity model: Entry-Exit
Gas-Day: 6:00 - 6:00
Balancing Model: Daily
Capacity Allocation Mechanism: Auction

CONTACT

 Name: Contact Person/Department Name
 Phone : +32 123456789
 E-Mail : email@tso.com
 Homepage : www.tso.com/en

LINKS

[Instruments for calculating tariffs](#) [Access Conditions page](#)
[Tariff Information page](#) [Contractual Documents page](#)
[Capacity Information page](#) [Maintenance page](#)
[Gas Quality Information page](#)

Points Zones Balancing Info Tariff Info Capacity Info General Info



Transparency data on TSO's web-site

Template applied by all TSOs

- Following the structure of Annex I of Regulation (EC) No 715/2009
- With links to the required data on the TSO's web-site
- In the official language(s) of the Member State and in English

TSO Name

TSO NAME

TSO Contact information
Address
HQ

Homepage

Standardized Section

TSO Transparency Template

Annex I to Regulation (EC) n. 715/2009	Description	Link
3.1.2 a)	A detailed and comprehensive description of the different services and their charges	<ul style="list-style-type: none"> Services description. Chapter 3 of the Network Code Services Booking. Chapter 5 of the Network Code Applicable Charges
3.1.2 b) u. c) 1.	Different transportation contracts and other significant documents	<ul style="list-style-type: none"> Contracts description. Chapter 5 of the Network Code Significant documents
3.1.2 c)	Network code / standard conditions	<ul style="list-style-type: none"> Snam Rete Gas Network Code
3.1.2 c) 2.	Specification of relevant gas quality parameters	<ul style="list-style-type: none"> Gas quality parameters. Chapter 11 of the Network Code, Annex A Contractual obligations. Chapter 19 of the Network Code, § 1.1.2 and 1.2.2
3.1.2 c) 3.	Pressure requirements	<ul style="list-style-type: none"> Pressure requirements are included in the specific files per point typology
3.1.2 c) 4.	Procedure in the event of an interruption of interruptible capacity	<ul style="list-style-type: none"> Procedure for interruption, Chapter 3 of the Network Code, § 2.2

