

Transparency Platform – Current Usage and New Tools

Martin Reisner

5th Transparency Workshop – 23/11/2011

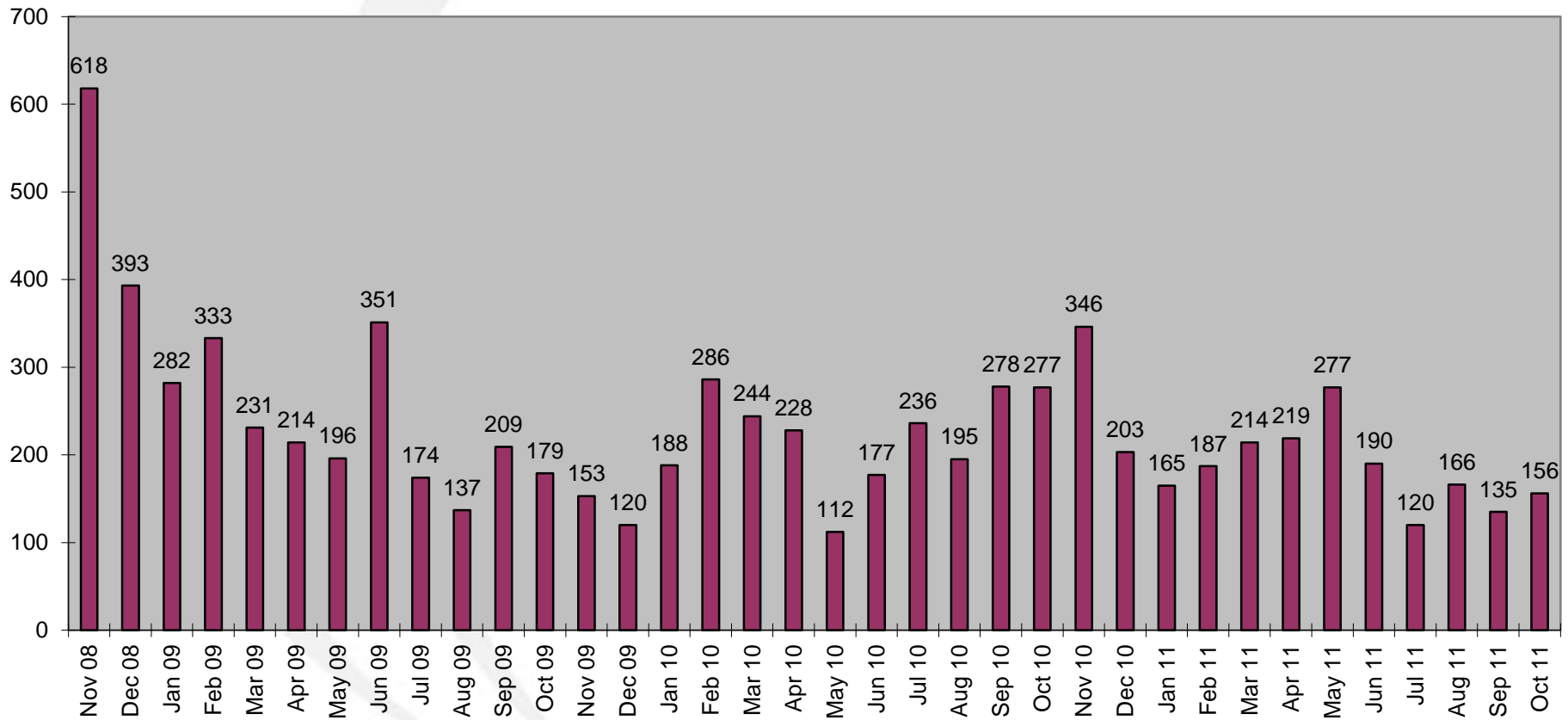
Content of the Presentation

- Transparency Platform
 - Current usage
- New Tools of the Platform
 - Commercial Information
 - Automatic Download Tool



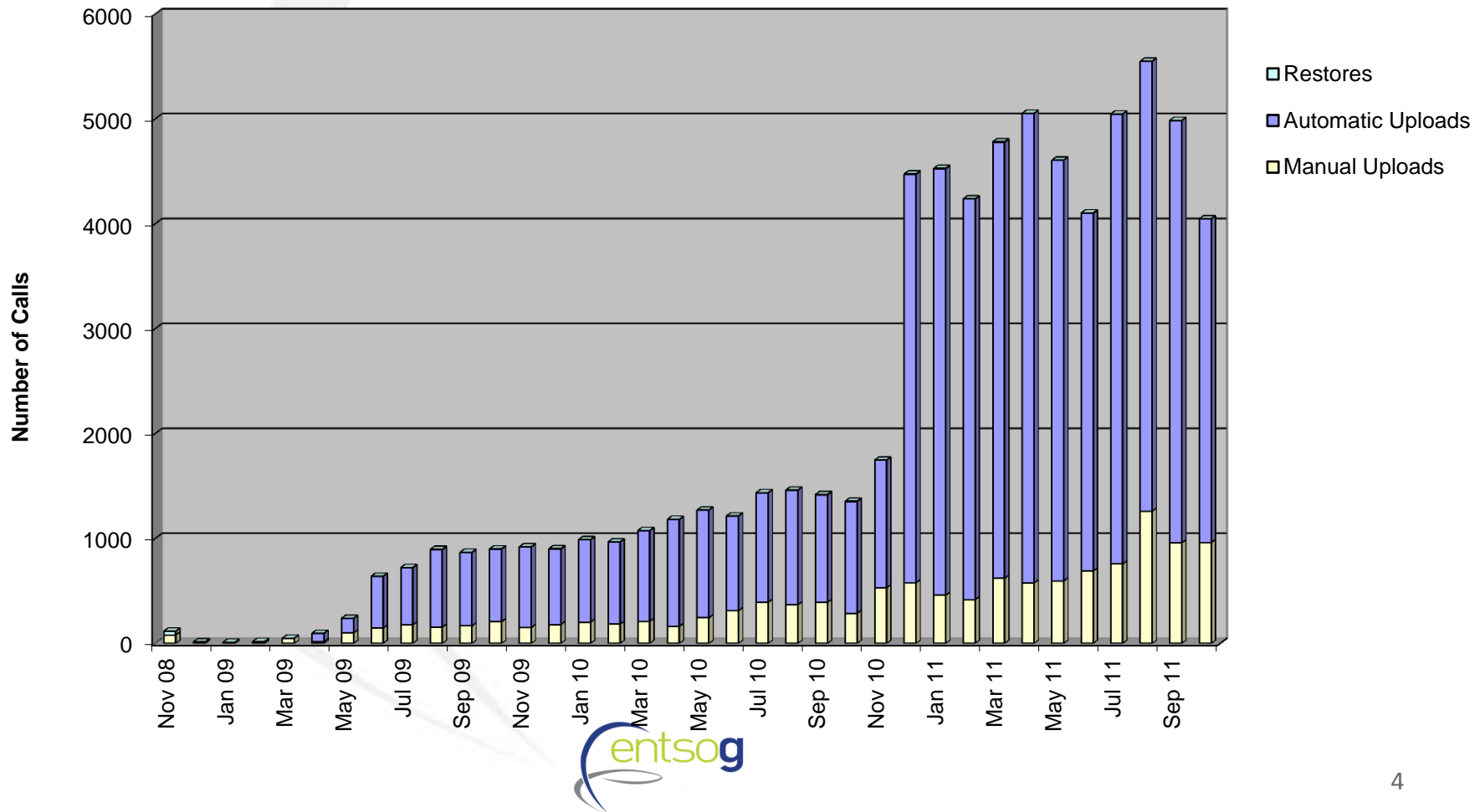
Current Usage of the Platform I

Number of Calculated Routes

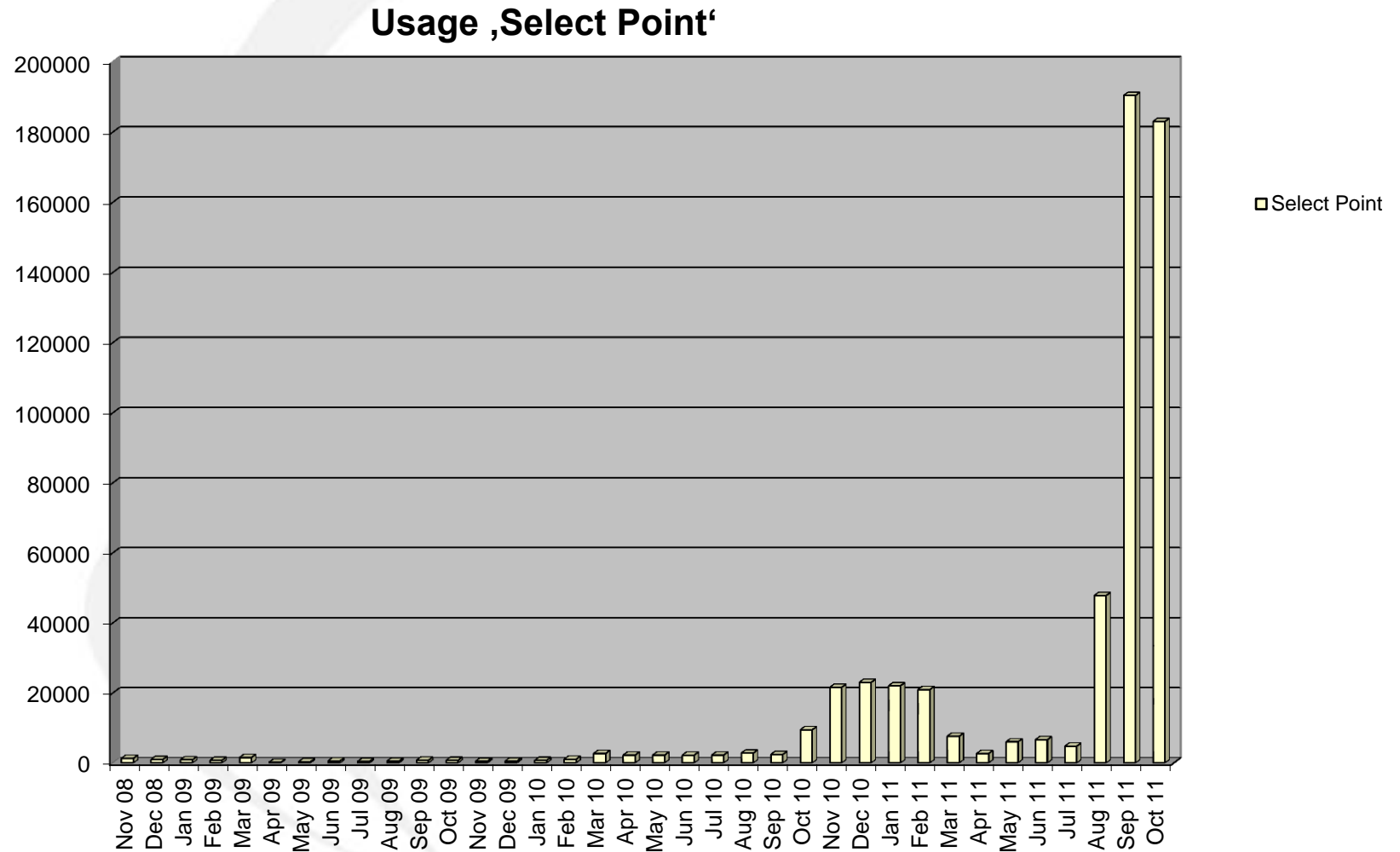


Current Usage of the Platform II

Uploads - Automatic vs. Manual

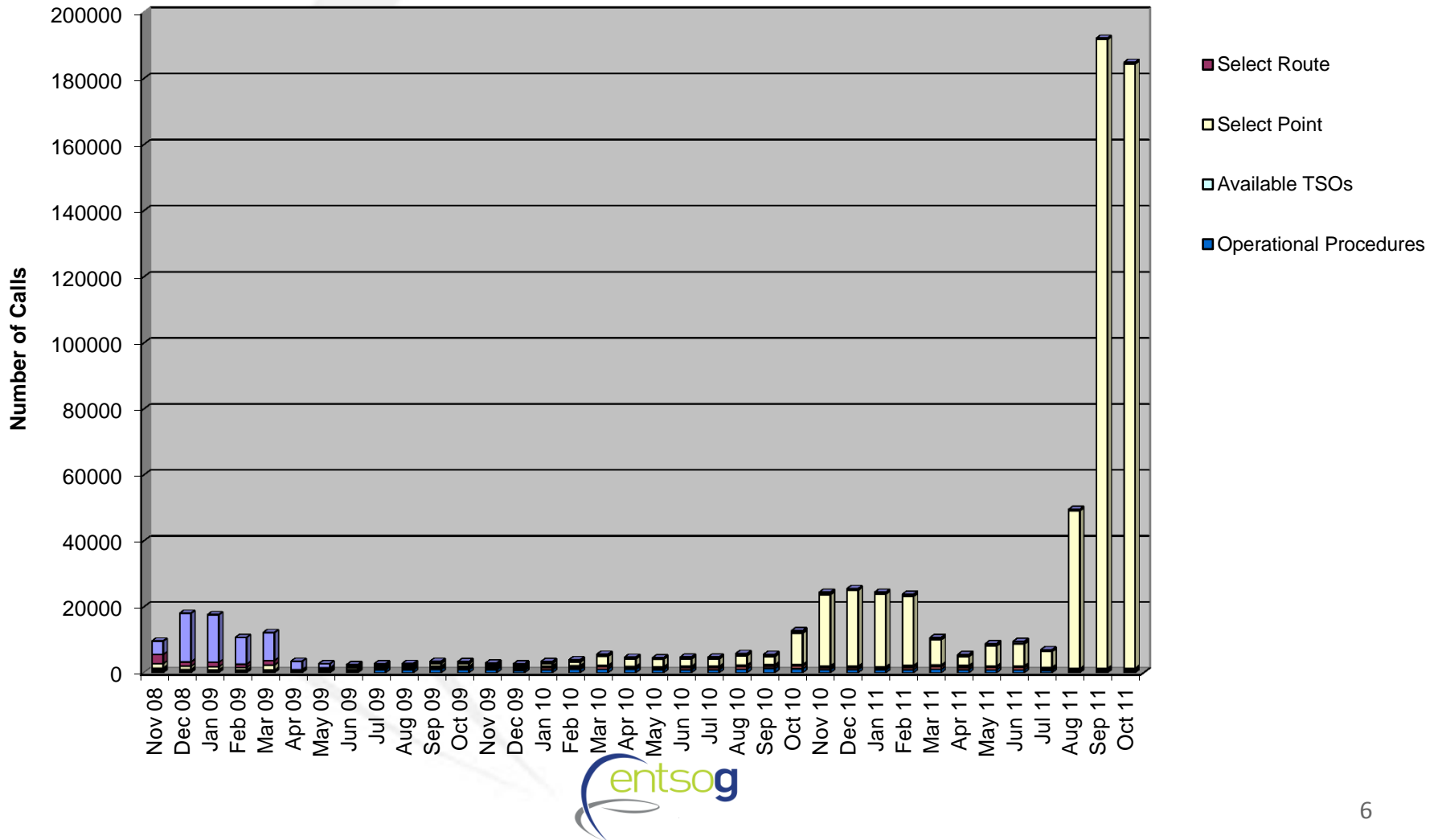


Current Usage of the Platform III



Current Usage of the Platform IV

Usage Main Menu




Transparency Platform

- Offers search tools for a route across the European gas transmission networks (by selecting only the starting and the ending points)
- Route summary
 - overview of available monthly capacities
 - other information such as available contracts, applicable tariffs, balancing rules, capacity allocation mechanisms, dynamic data (flows, nominations, renominations, interruptions)
- links to individual TSOs' websites
- <http://www.gas-roads.eu/>

Transparency Platform Overview

HOME

 **TRANSPARENCY
PLATFORM**

ROUTING & DATA

MAPS

SELECT ROUTE

SELECT POINT

AVAILABLE OPERATORS


HELP


COMMERCIAL INFORMATION

OPERATIONAL PROCEDURES

OPERATIONAL PROCEDURES

Map Loaded.



search here... 

Developed by Polaris - © 2010
> Hold down spacebar to scroll with the mouse
> Hold down spacebar and click to zoom in
Map data updated on 15/06/2010

Route selection

HOME

TRANSPARENCY PLATFORM

ROUTING & DATA

SELECT ROUTE
 SELECT POINT
 AVAILABLE OPERATORS
 HELP

MAPS

COMMERCIAL INFORMATION
 OPERATIONAL PROCEDURES

5. SHOW ROUTES

Based on your searching criteria, the Transparency Platform has found **25 routes**.

- The capacity displayed under 'Firm/Interruptible Available Capacity' relates to the **lowest available monthly capacity** in the period covering the current month plus the following 18 months.
- The capacity displayed under 'Firm Technical/Interruptible Total Capacity' relates to the **highest technical/total monthly capacity** in the period covering the current month plus the following 18 months.

Route 1	Route 2	Route 3	Route 4	Route 5	Route 6	Route 7	Route 8	>
Point Name	Type	Operator	Firm Capacity [kWh/d]		Interruptible Cap. [kWh/d]		More ...	
			Available	Technical	Available	Total		
1 Zelzate 1 (GTS)	P2P	Fluxys	33,494,400	55,824,000	unlimited	unlimited		
2 Blaregnies Segeo	P2P	Fluxys	66,151,440	265,164,000	0	0		
3 TAISNIERES H	Entry	GRTgaz	120,342,101	590,000,000	0	0		
4 TAISNIERES H	Exit	GRTgaz	80,399,000	122,000,000	no data	no data		

1 Available Route Capacity

- Maximum known available **firm** capacity for route 1: **33,494,400 kWh/d**
- Maximum known available **interruptible** capacity for route 1: **0 kWh/d**

Symbols

1 Starting Point CHANGE ☒

Point name: **Zelzate 1 (GTS)**
[Entry]
Operator: **Fluxys**
Country: **Belgium**

2 Ending Point CHANGE ☒

Point name: **TAISNIERES H**
[Exit]
Operator: **GRTgaz**
Country: **France**

3 Period CHANGE ☒

From: **September 2010**
To: **March 2012**

4 Route Sorting CHANGE ☒

Default: **Lowest Number of Points**

5 Routes

25 routes found

Commercial Information per IP

ROUTING & DATA MAPS

Blaregnies Segeo (Entry, Fluxys)

Operator Contracts Capacity Conversion Factors Balancing Tariffs Nominations & Flows Interruptions

Data type	Nominations	Renominations	Flows
Available from	2007-09-09	2007-09-09	2007-09-09

Select the relevant period to show the daily information.

From: 2010-08-11 To: 2010-09-10 SHOW

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	1,670,057	1,670,057	1,670,057	■	-
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	3,360,890	3,360,890	■	-
01 Sep 2010	3,731,254	2,944,424	2,944,424	■	-
31 Aug 2010	4,759,885	4,073,719	4,073,719	■	-
30 Aug 2010	4,731,705	4,210,725	4,210,725	■	-
29 Aug 2010	2,938,388	3,114,971	3,114,971	■	-
28 Aug 2010	2,667,423	2,778,716	2,778,716	■	-

Commercial Information

- User-friendly way to give commercial info, data download and links to websites

The screenshot displays the 'Integration System' interface of the 'entso-gas TRANSPARENCY PLATFORM'. The top navigation bar includes links for HOME, SELECT ROUTE, SELECT POINT, AVAILABLE OPERATORS, HELP, COMMERCIAL INFORMATION (active), and OPERATIONAL PROCEDURES. The main content area is titled 'COMMERCIAL INFORMATION' and features a map of Central Europe showing the Prague-Vienna gas interconnection. The right-hand panel provides detailed data for the 'Baumgarten' point, categorized into General Information, Contracts Available, Tariffs, Firm Capacity, Interruptible Capacity, and Nominations.

Baumgarten	
Cross-border interconnection point within EU	OMV Gas ENTRY
General Information	
Booking Model	P2P
Capacity Allocation Mechanism	6-6
Gas-Day	Hourly
Balancing Model	Link
Link to access condition	11.19
GCV - value	kWh/Nm³
GCV - unit	
Contracts Available	
Multi-annual	✓
Annual	✓
Half-annual	✓
Quarterly	✓
Monthly	✓
Daily	✓
Tariffs	
Capacity Tariff Unit	
Capacity Tariff - Annual	
Commodity Tariff Unit	
Commodity Tariff	Link
Link to tariff information	
Firm Capacity (in kWh/d)	
Technical - Current Month	
Available - Current Month	
Booked - Current Month	
Download capacity info for the next 18 months	
Interruptible Capacity (in kWh/d)	
Total - Current Month	
Available - Current Month	
Booked - Current Month	
Download capacity info for the next 18 months	
Nominations (in kWh/d)	
Gas-Day + 1	

Commercial Information

- Information available by the end of November 2011

Baumgarten		
Cross-border interconnection point within EU	OMV Gas	ENTRY
General Information		
Booking Model	P2P	
Capacity Allocation Mechanism		
Gas-Day	6-6	
Balancing Model	Hourly	
Link to access condition	Link	
GCV - value	11.19	
GCV - unit	kWh/Nm ³	
Contracts Available		
Multi-annual	✓	
Annual	✓	
Half-annual	✓	
Quarterly	✓	
Monthly	✓	
Daily	✓	
Tariffs		
Capacity Tariff Unit		
Capacity Tariff - Annual		
Commodity Tariff Unit		
Commodity Tariff		
Link to tariff information	Link	
Firm Capacity (in kWh/d)		
Technical - Current Month		
Available - Current Month		
Booked - Current Month		
Download capacity info for the next 18 months		
Interruptible Capacity (in kWh/d)		
Total - Current Month		
Available - Current Month		
Booked - Current Month		
Download capacity info for the next 18 months		
Nominations (in kWh/d)		
Gas-Day + 1		

Nominations (in kWh/d)		
Gas-Day + 1		
Gas-Day		
Gas-Day - 1		
Nomination for the past 30 days		
Link to historical nomination		
Renominations (in kWh/d)		
Gas-Day + 1		
Gas-Day		
Gas-Day - 1		
Re-nomination for the past 30 days		
Link to historical re-nomination		
Flows (in kWh/d)		
Gas-Day - 1		
Gas-Day - 2		
Gas-Day - 3		
Flows for the past 30 days		
Link to historical flows		
Interruptions (in kWh/d)		
Last interruption - Date		
Last interruption - Interrupted capacity		
Last interruption - Booked Interruptible capacity		
Link to historical interruption		

Automatic Download Tool

- Stakeholder asked for easier and more frequent access to data
 - Meeting with members → setting up specifications and processes
 - Consideration of further responses and comments
 - 6 months for development
- ENTSOG offered the possibility to have access for downloading data via HTTP
- Download automatically to stakeholders database
- Tool is available
 - at the beginning of December



Automatic Download Tool

- Concept of the Tool
 - Generation of XML – File
 - Different File Types: 3 Files per TSO

File Type	Information	Frequency of Generation
StaticData.xml	TSO Information, Balancing Data, Tariffs, Capacities	As soon as new data is uploaded by a TSO or at least once per month
HistoricalData.xml	Re-/Nominations, Flows and Interruptions for the past up to the end of the previous month	Once per month
DynamicData.xml	Re-/Nominations, Flows and Interruptions of the last month (rolling)	As soon as new data is uploaded by a TSO

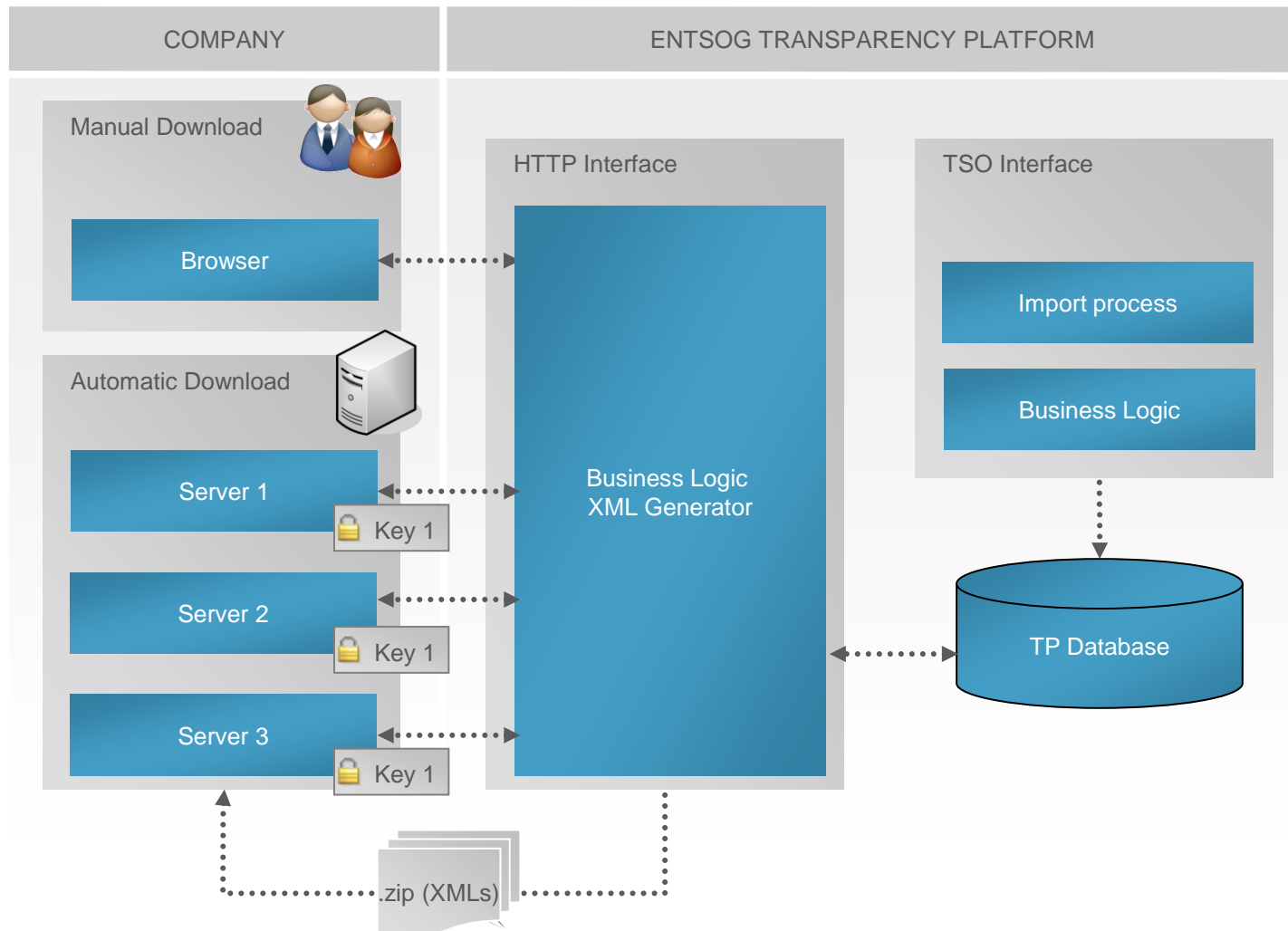
Automatic Download Tool

- Data availability
 - Files will be overwritten as soon as a new one is created
 - ➔ Up to 3 files per TSO are available
- Files will be made available for downloading via HTTP interface
- Registered users can access the interface
 - automatically or
 - manually
- User have to apply for registration at ENTSOG
- Tool is free of charge for users

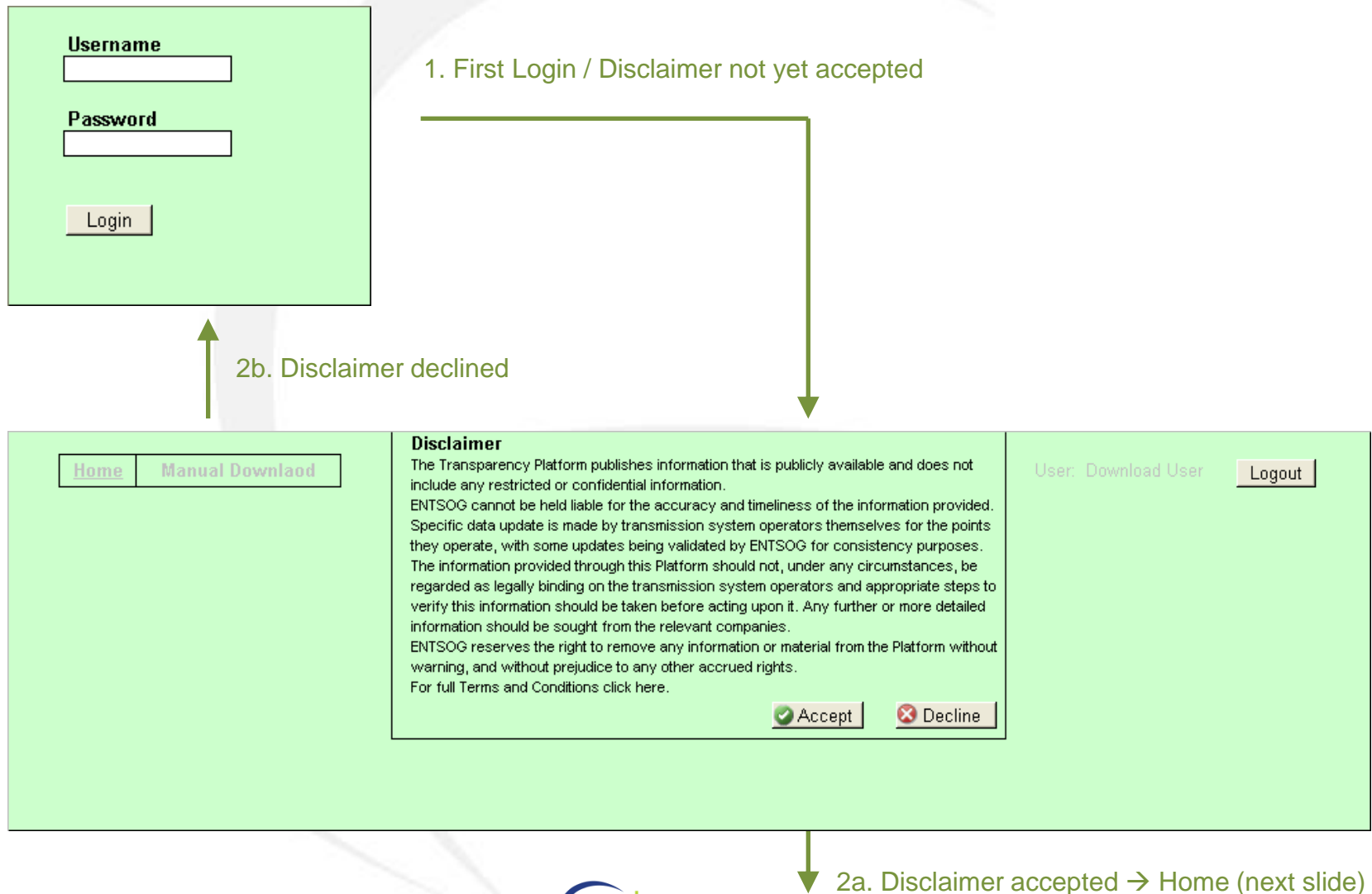


Automatic Download Tool

- Concept: **One key per Company**



Automatic Download Tool



Automatic Download Tool

Disclaimer always visible through a sliding box

Disclaimer

Home

Manual Download

User: Download User

Logout

Welcome Test User

Parameter for Automatic Download

Parameter	Value
URL Structure	https://USERNAME-WEB-SERVER@PASSWORD-WEB-SERVER:www.gas-roads.eu/download?file=<Date>_TP_<EIC-Code-TSO>_<FileType>&key=KEY
USERNAME-WEB-SERVER	gtetp
PASSWORD-WEB-SERVER	gtetp08
File types	StaticData
	HistoricalData
	DynamicData
Download Key	gfh76sdf3

Examples:

https://gtetp@gtetp08:www.gas-roads.eu/download?file=2012-02-01_TP_21X-DE-C-A0A0A-T_StaticData&key=gfh76sdf3

https://gtetp@gtetp08:www.gas-roads.eu/download?file=2012-03-01_TP_21X-BE-A-A0A0A-Y_HistoricalData&key=gfh76sdf3

https://gtetp@gtetp08:www.gas-roads.eu/download?file=2012-01-23_TP_21X-IT-A-A0A0A-7_DynamicData&key=gfh76sdf3

Download key only visible after accepting disclaimer

Automatic Download Tool

[Home](#) [Manual Download](#)

Disclaimer

User: Download User [Logout](#)

TSO	Data Type	Date	Download
Fluxys	StaticData	2012-02-01	Link
	Historical Data	2012-02-01	Link
	DynamicData	2012-02-14	Link
Gas Transport Services	StaticData	2012-02-01	Link
	Historical Data	2012-02-01	Link
	DynamicData	2012-02-15	Link
National Grid	StaticData	2012-02-01	Link
	Historical Data	2012-02-01	Link
	DynamicData	2012-02-15	Link
Open Grid Europe	StaticData	2012-02-01	Link
	Historical Data	2012-02-01	Link
	DynamicData	2012-02-15	Link
Snam Rete Gas	StaticData	2012-02-01	Link
	Historical Data	2012-02-01	Link
	DynamicData	2012-02-15	Link
Wingas	StaticData	2012-02-01	Link
	Historical Data	2012-02-01	Link
	DynamicData	2012-02-15	Link

List is not complete.
It will contain all files available for all
participating TSOs

Thank you for your attention!

Do you have further questions?



Martin Reisner

T: + 32 2 894 5123

F: + 32 2 894 5101

email: martin.reisner@entsog.eu