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Agency for the Cooperation of Energy Regulators

1st ACER Monitoring Report on Congestion

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Outline

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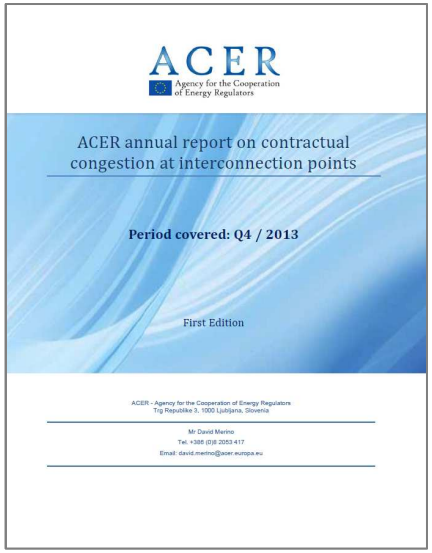
- Enhancements for future reports
- Recommendations



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Scope of Congestion Report

CMP Guidelines'* section 2.2.1.2 requires ACER to publish a monitoring report on congestion at interconnection points (IPs)

- by **1 March** of every year (commencing 2014)
- with respect to firm capacity products sold in preceding year → i.e. products **sold in Q4/2013** for use 1.10.13 - 31.12.15
- based on data published on ENTSOG's Transparency Platform
- taking into consideration
  - ✓ capacity trading on the secondary market
  - ✓ use of interruptible capacity
- IP Scope: NC CAM IP scope list, part I: **352 IP "sides"**
  - ✓ 47 bidirectional + 50 unidirectional IPs (NC CAM applies on both sides)
  - ✓ 4 bidirectional + 24 unidirectional IPs (NC CAM applies on one side only)

**) COMMISSION DECISION of 24 August 2012 on amending Annex I to Regulation (EC) No 715/2009 of the European Parliament and of the Council on conditions for access to the natural gas transmission networks (2.2 Congestion Management Procedures in the event of contractual congestion)*

What is Congestion?

Art. 2 of Regulation (EC) No 715/2009 defines:

- *"'**contractual** congestion' means a situation where the level of firm **capacity demand exceeds the technical capacity**;"*
- *"'**physical** congestion' means a situation where the level of **demand for actual deliveries** exceeds the technical capacity at some point in time;"*

➢ Contractual congestion can be countered by CMPs.

➢ CMPs are ineffective in case of physical congestion. Instead, investments or contractual arrangements (e.g. flow commitments) may help relieve physical congestion.

→ **Focus of report is on contractual congestion (not on capacity hoarding → NRAs)**

Main purpose of Congestion Report

Identification of IP sides where the **Firm Day Ahead Use-It-Or-Lose-It** has to be applied (by 1.7.2016), if the yearly Report on Congestion shows that the following conditions *(of paragraph 2.2.3 of the CMP Guidelines)* are met:

→ **Demand > offer** at IPs (at reserve price in case of auctions) in year Y_M for products for use in Y_M or Y_M +1 or Y_M +2

(a) for at least **3** firm **monthly** capacity products **or**
(b) for at least **2** firm **quarterly** products **or**
(c) for at least **1** firm product with a duration of **≥ 1 year or**
(d) where **no firm capacity product** with a duration of **≥ 1 month** was offered.

Further indicators for 'demand > offer' (= contract. congest.): *booking of interruptible capacity on top of fully booked firm capacity, unsuccessful requests, occurrence of auction premium*

No	TSO	Data on Capacity available	Unavailable firm capacity	Data on unsuccessful Requests	Capacity made available				Auction data (e.g. cleared price > reserve price)
					Over subscription	Day-ahead UIOLI	Surrender	Long-term UIOLI	
1	bayernets (separate file)	P	(***)	(*)	(**) / Y	Y	Y	Y	NP
2	BOG	P	(***)	(*)	(**)	Y	B	B	P
3	Bulgartransgaz	P	(***)	(*)	(**)	B	B	B	NP
4	DESFA	P	N/A	N/A	N/A	B	B	B	N/A
5	Enagas (separate file)	P	(***)	(*)	(**)	B	B	B	NP
6	Energinet.dk	P	(***)	(*)	(**)	B	B	B	NP
7	Eustream	P	(***)	(*)	(**)	B	B	B	NP
8	Fluxys Deutschland	P	N/A	N/A	N/A	B	B	B	N/A
9	Fluxys Belgium	P	(***)	(*)	(**)	B	B	B	NP
10	Fluxys TENP	P	(***)	(*)	(**)	B	B	B	NP
11	Gas Connect Austria (separate file)	P	(***) / CAM	(*)	(**)	Y	Y	B	NP
12	Gas Transport Nord	P	N/A	1 / N/A	N/A	B	B	B	N/A
13	Gascade	P	(***) / N/A / CAM	(*)	Y	Y	Y	Y	N/A
14	Gaslink Independent System Operator Ltd	P	(***) / N/A	(*)	(**) / N/A	P	P	P	N/A
16	Gasunie Deutschland	P	N/A	(*)	N/A	B	Y	B	N/A
17	Gasunie Ostseeanbindungsleitung	P	N/A	N/A	N/A	B	Y	B	N/A
18	Gasunie Transport Services	P	(***)	(*)	(**)	B	B	B	NP
31	GAZ-SYSTEM S.A.	Y	(***)	(*)	(**)	B	B	B	NP
32	GAZ-SYSTEM S.A. (ISO)	1 (only 0)	(***)	(*)	(**)	B	B	B	NP
19	GRT Gaz	P	(***) / N/A / CAM	242 / N/A	Y / (**) / N/A	P	P	P	N/A
20	GRTgaz Deutschland GmbH	P	(***) / CAM	(*)	(**) / Y	P	P	P	NP
21	GTS (separate file)	Y	(***)	(*)	(**)	B	B	B	N/A
22	Interconnector	Y	N/A	N/A	N/A	B	B	B	N/A
23	jordgasTransport	P	N/A	N/A	N/A	B	P	B	N/A
24	National Grid	P	(***)	(*)	(**)	B	B	B	NP
25	NEL Gastransport	1 (only 0)	N/A	N/A	N/A / B	P	P	P	N/A
26	NET4GAS	1 (only 0)	(***) / CAM	1 / (*)	(**)	B	B	B	NP
27	Nowega	P	N/A	N/A	N/A	B	B	B	N/A
28	Ontras (separate file)	P	N/A / CAM	N/A	N/A / B	P	P	P	P
29	OPAL	1 (only 0)	N/A	N/A	N/A / B	P	P	P	N/A
30	Open Grid Europe (separate file)	Y	(***) / N/A	(*) / N/A	Y / (**) / N/A	P	P	B	N/A
33	Plinovodi	1	(***) / N/A / CAM	N/A	(**) / N/A	B	B	B	N/A
34	Premier Transmission Ltd. (separate file)	P	B	(*)	P	P	P	P	N/A
35	SNAM	P	(***)	(*)	(**)	B	B	B	NP
36	TAG	P	(***)	(*)	(**) / B	P	P	B	NP
37	Thyssengas	P	N/A / CAM	1 / N/A	N/A / B	P	P	P	N/A
38	TIGF	Y	(***)	(*)	(**)	B	B	B	NP
39	Transgaz	P	(***) / CAM	(*)	P	B	B	B	NP

(P): Partial information
(*): Currently there are no request for firm capacity products on this point with a duration of one month or longer that weren't successfully fulfilled.
(**): Currently no capacity has been made available on this point through the application of the congestion-management procedures.
(***): Currently firm products with a duration of one month or longer are offered on this point in the regular allocation process.
NP: Currently there are no firm capacity products on this point with a duration of one month or longer auctioned having cleared with an auction premium.
B: Blank (no data)
N/A: Not applicable
CAM: Info on type of capacity allocation mechanism

Data Sources

Poor data quality limits quality of report

1. ENTSOG Transparency Platform & TSO files:

- data via IT provider, no auction results

→ problems with completeness & quality

2. PRISMA Primary:

- auction reports published monthly
- easy to use and filter relevant info
- only data of participating TSOs

3. PRISMA Secondary/CAPQUARE/TSOs:

- access only via TSOs/NRAs
- only limited data from DE, FR, (BE)

4. ACER's CMP online survey (2 questions)**:**

- 41 TSOs (w/o derogated TSOs: FI, EE, LV)
- good response: ~37 TSOs (though some incomplete)

Main findings of the analysis

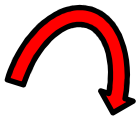
- Congestion observed at least on 1/3 of relevant IP sides *(118/352)*
- At least **45** congested IP sides *(where FDA UIOLI is not yet applied)* are potentially **subject to** mandatory application of **FDA UIOLI** by 1.7.2016, if congestion persists in 2014/15.
- Most congestion identified in **NW Europe** *(most data available!)*, but also congested IPs in Central East and Southern Europe
- **CMPs** are not yet applied widely (Oversubscription on 5, Surrender on 4 IP sides; no LT UIOLI), except for FDA UIOLI (applied at 72 IP sides in DE & AT)
- **Secondary capacity trading** is limited (but little insight) *(55 deals 16 IPs on PRISMA Secondary & CAPSQUARE in Q4/13)*

Disclaimer on results

Constraints

Beyond data inconsistency, the following constraints limited the reliability of the results in this first congestion report:

- only one quarter (Oct. to Dec. 2013) covered, which did not allow for coverage of e.g. yearly auctions in March
- data quality / missing data on the ENTSOG TP;
- data quality and completeness were not validated by either ENTSOG, all TSOs or NRAs.



Report cannot provide complete overview on all congestions in EU *(just an indicative minimum!)*

NRAs shall further investigate congestion case-by-case *(also on IP sides where no congestion has been identified in this report.)*

Findings from PRISMA auction analysis

IP	TSO 1	Direc-tion 1	TSO 2	Direc-tion 2	Sep-13		Oct-13		Nov-13		Dec-13		Unsuccessful requests (total capacity demanded at reserve price - total allocated) (kWh/h)	Type of capacity	Additional Remarks
					DA	MA	DA	MA	DA	MA	DA	MA			
Arnoldstein	TAG	exit										1	20,824	FZK	
Arnoldstein/Tarvisio	TAG	exit	SNAM Rete	entry					3		10		16,425,912	bundled FZK - firm	congestion also on interrupt. cap. on 4.12. for DA
Blaregnies Troll/Taisnières H	Fluxys Belgium NV/SA	exit	GRTgaz	entry			1						1,417,554	bundled firm - firm	
Drohne	Gasunie Deutschl. Transp. Serv.	exit				1							95,427	FZK	
Ellund	Energinet.dk	entry			5								578,566	interruptible L1	
Oberkappel/OBER-DE->AT	Open Grid Europe	exit	Baumgarten Oberkappel Gasleitungs-gesellschaft	entry	6		9						11,441,721	bundled FZK - FZK	
OUDE STATENZIJL H	Gasunie Deutschl. Transp. Serv.	entry				1		1		1			474,708	FZK	
OUDE STATENZIJL L	Gasunie Deutschl. Transp. Serv.	entry										1	35,830	FZK	
Überackern SUDAL DE->AT	GAS CONNECT AUSTRIA	entry									4		632,490	DZK	
Überackern SUDAL DE->AT	GAS CONNECT AUSTRIA	entry			1								42,504	interruptible	
Wallbach - Exit	Fluxys TENP	exit							1				91,031	FZK	

In Q4/2013, only Oude Statenzijl H (GUD entry) had auction premiums for 3 months indicating contractual congestion
(according to paragraph 2.2.3 (a) of the CMP Guidelines)

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Results

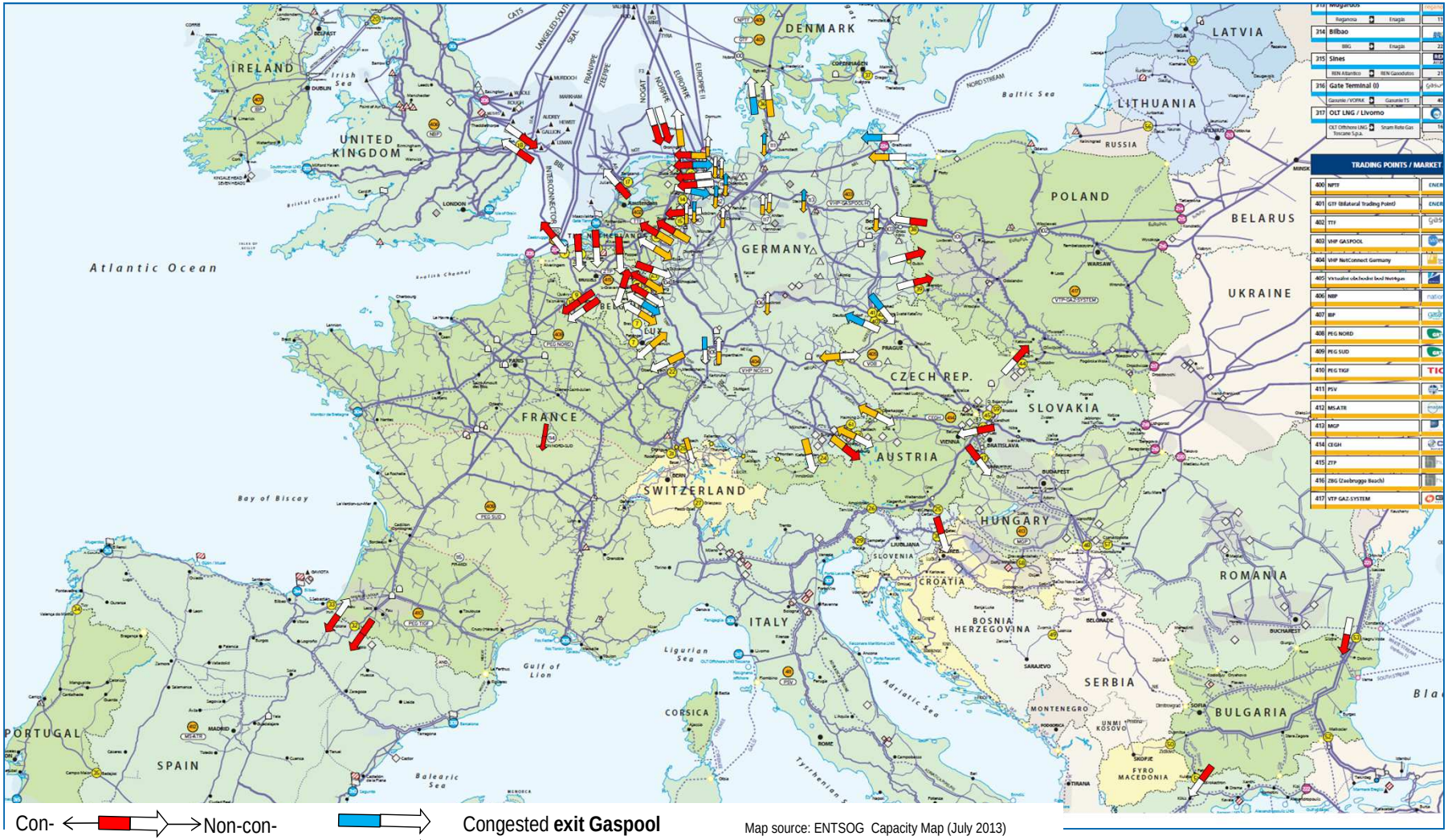
Summary table of congested* IP sides

		Key: yes = (some) capacity available / bookable; 0 = 'no capacity available in that month'; n/a = 'no data'; p = 'partly' (cap. is available on some days)		Data source: ENTSOG's Transparency Platform (Bulk export file from ENTSOG's service provider, 28.1.2014), if not otherwise stated as corrected individual 'TSO file')																										Data source: ACER online survey on CMP implementation monitoring (status 11.2.14)	Data source: TP export & TSO files					Data source: PRISMA secondary / CAPSQUARE (status: 7.2.14)	
				Available firm capacity?																												Congestion?	Interruptible capacity?					Secondary Market?	
Source	TSO	IP - name	direction (entry or exit)	Oct-13	Nov-13	Dec-13	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Any occurence of contractual congestion [according to the definition in CMP 2.2.3 (1) a) to d)] during cap. allocation in the year 2013 for products for use in either 2013 / 2014 / or 2015?	Offered by the TSO?	booked Q4/13?	booked 2014?	booked 2015?	int. cap. actually interrupted in Q4/13?	Has capacity been offered/requested/traded on the secondary market in Q4/13?	FDA UIOLI already applied? (all DE & AT IP sides)
TSO file	Enagas	Irún	exit	yes	yes	yes	yes	yes	yes	0	0	0	0	0	0	yes	yes	yes	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	no	no	-	-	-	no		
TSO file	Enagas	Irún	entry	0	n/a	n/a	n/a	n/a	n/a	yes	yes	yes	yes	yes	yes	yes	n/a	n/a	n/a	n/a	n/a	yes	yes	yes	yes	yes	yes	yes	n/a	n/a	no	p	none	n/a	n/a	no		
TSO file	GTS	Julianadorp (NL)/Balgzand (UK)	exit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	no	yes	p	p	none	n/a		
TSO file	OGE	Kiefersfelden-Kufstein	exit	0	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	yes	yes	none	n/a	n/a	no		y
TSO file	OGE	Kienbaum	entry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	no	yes	yes	n/a	n/a	no		y
TSO file	OGE	Kienbaum	exit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	yes	yes	p	n/a	n/a	no		y
ENTSOG TP	Bulgartransgaz	Kulata BG Sidirokast	exit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	no	yes	none	none	none	no		
TSO file	OGE	Lampertheim I	exit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	yes	yes	yes	n/a	n/a	no		y
TSO file	Enagas	Larrau	entry	yes	yes	0	0	0	0	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	p	none	none	no		
ENTSOG TP	TIGF	Larrau	exit	yes	0	0	0	0	0	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	n/a	n/a	n/a	n/a	n/a	n/a	no	-	-	-	no		
ENTSOG TP	GRTgaz	Liaison Nord-Sud	exit	0	0	0	0	0	0	0	0	0	0	0	0	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	n/a	n/a	n/a	yes	yes	yes	yes	yes	5 trades (M)		
ENTSOG TP	GAZ-SYSTEM	Mallnow	exit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	no	yes	none	n/a	n/a	no		
TSO file	OGE	Medelsheim	exit	0	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	n/a	n/a	n/a	n/a	n/a	no	yes	p	n/a	n/a	no		y
ENTSOG TP	GCA	Mosonmagyarovar	exit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	yes	yes	p	none	no		y
ENTSOG TP	Bulgartransgaz	Negru Voda II	entry	0	0	0	0	0	yes	yes	yes	yes	yes	yes	yes	yes	yes	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	no	yes	none	none	none	no		
TSO file	OGE	Nordlohne	entry	0	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	n/a	n/a	n/a	n/a	no	yes	yes	n/a	n/a	no		y
TSO file	OGE	Nordlohne	exit	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	n/a	n/a	n/a	no		y
TSO file	OGE	Oberkappel	entry	0	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	n/a	n/a	n/a	n/a	no	yes	yes	p	n/a	no	11 offers (M)	y
ENTSOG TP	GRTgaz DE	Oberkappel	exit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	yes	yes	yes	yes	no		y
ENTSOG TP	Gascade	Olbernhau II	exit	0	0	0	0	0	0	0	0	0	0	0	0	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	no	yes	yes	p	p	no		y
TSO file	GTS	Oude Statenzijl (Gascade-H)/Bunde (DE)	entry	0	p	p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	yes	yes	p	none	none	n/a		
TSO file	GTS	OUDE STATENZIJL (GTG NORD-G)	entry	n/a	n/a	n/a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	yes	none	yes	yes	n/a		
TSO file	GTS	Oude Statenzijl (GUD-H)[OBEGH]/Bunde (DE)	entry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	no	yes	p	none	none	n/a	4 Requ. (3M,1Q), 1 trade (Q)	
ENTSOG TP	Gastransport Nord	Oude Statenzijl (L) entry	entry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	no	yes	yes	none	none	no		y
TSO file	GTS	Oude Statenzijl (OGE)/Bunde (H) (DE)	entry	0	p	p	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	no	yes	p	none	none	n/a		
ENTSOG TP	GUD	OUDE STATENZIJL H exit	exit	yes	0	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	n/a	n/a	n/a	n/a	yes	yes	yes	p	none	no?		y
TSO file	OGE	Quarnstedt	entry	0	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	n/a	n/a	n/a	no		y
TSO file	OGE	Quarnstedt	exit	0	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	yes	n/a	n/a	n/a	n/a	no		y
TSO file	OGE	Reckrod I	entry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	yes	yes	yes	p	none	no		y
TSO file	OGE	Reckrod I	exit	0	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	n/a	n/a	n/a	n/a	n/a	no	yes	yes	p	none	no		y
TSO file	OGE	Remich	entry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	yes	yes	p	none	no		y
TSO file	OGE	Remich	exit	0	0	0	0	0	0	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	n/a	n/a	n/a	n/a	n/a	no	yes	yes	p	none	no		y
ENTSOG TP	Plinovodi	Rogatec	exit	0	0	0	0	0	0	0	0	0	0	0	0	yes	yes	yes	yes	yes	yes	yes	yes	yes	n/a	n/a	n/a	n/a	n/a	n/a	yes	p	p	none	no		
TSO file	GTS	s Gravenvoeren (NL)/'s Gravenvoeren (BE)	entry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	yes	yes	yes	yes	yes	n/a		
TSO file	GTS	s Gravenvoeren (NL)/'s Gravenvoeren (BE)	exit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	no	yes	yes	yes	yes	n/a		
TSO file	OGE	Steinitz	entry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	yes	yes	p	none	no		y
TSO file	OGE	Steinitz	exit	0	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	n/a	n/a	n/a	n/a	n/a	no	yes	yes	p	none	no		y
ENTSOG TP	ONTRAS	Steinitz	exit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	no	yes	p	p	none	no		y
TSO file	Ontras	Steinitz (206)	exit	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	yes	yes	p	n/a	no		y
ENTSOG TP	GRTgaz	Taisnières H	entry	0	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	yes	n/a	n/a	n/a	n/a	n/a	no	yes	none	none	none	no	6 trades (M)	
TSO file	OGE	Tegelen	entry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	yes	yes	none	p	p	no		y
TSO file	OGE	Tegelen	exit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	n/a	n/a	n/a	n/a	n/a	yes	yes	none	none	none	no		y

*) CMP GL 2.2.3 (d): **No firm capacity product** with a duration of **≥ 1 month** was offered.

Contractual congestion

according to CMP 2.2.3 (1) (TSOs answers + ENTSOG TP)



Con-gested **exit** ← → Non-con-gested **entry**

Congested **exit Gaspool**

Congested **entry NCG**

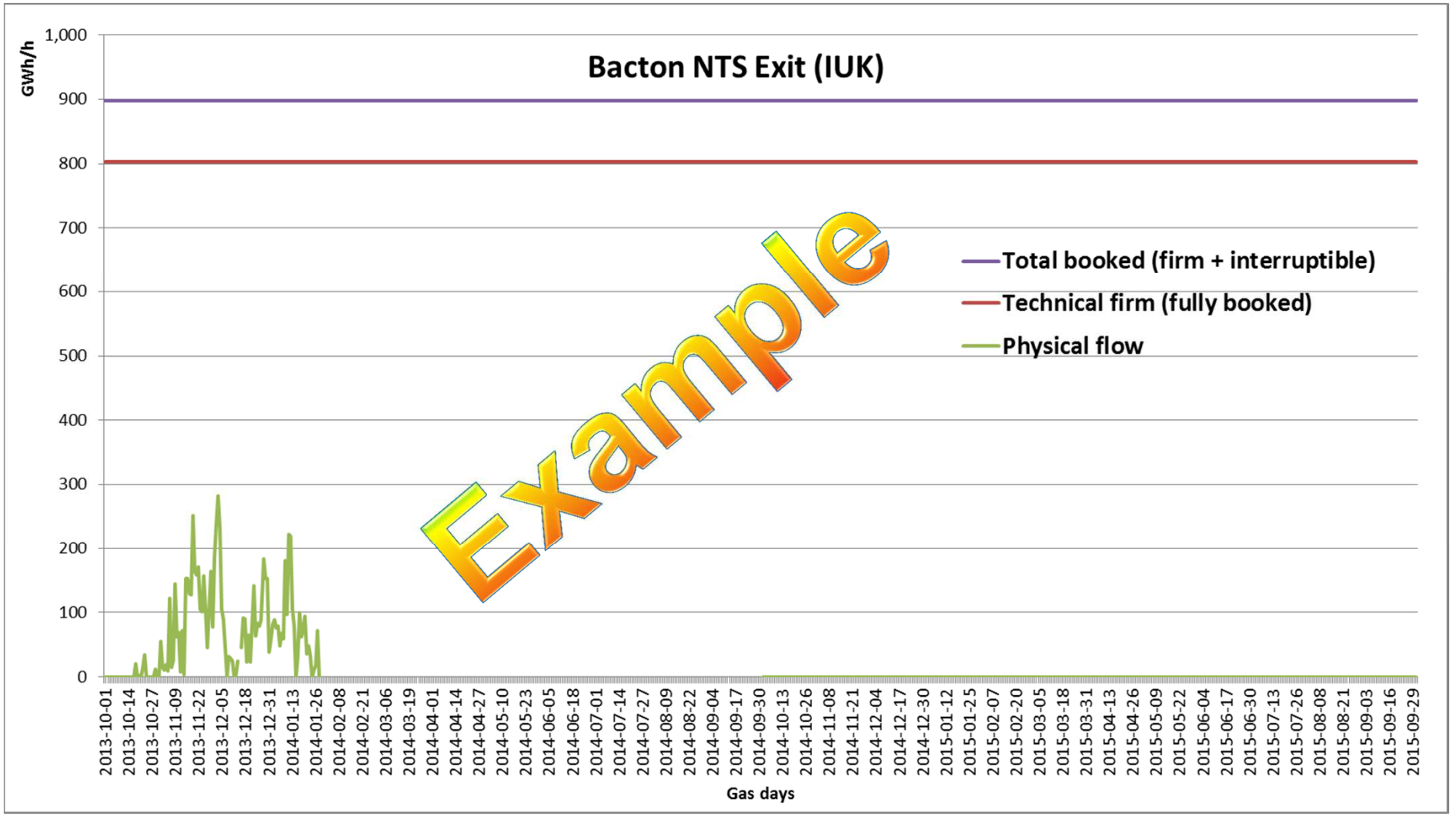
All 4 sides (entries & exits) congested

Congested entry & exit on red side only

Map source: ENTSOG Capacity Map (July 2013)
http://www.entsog.eu/maps/transmission-capacity-map

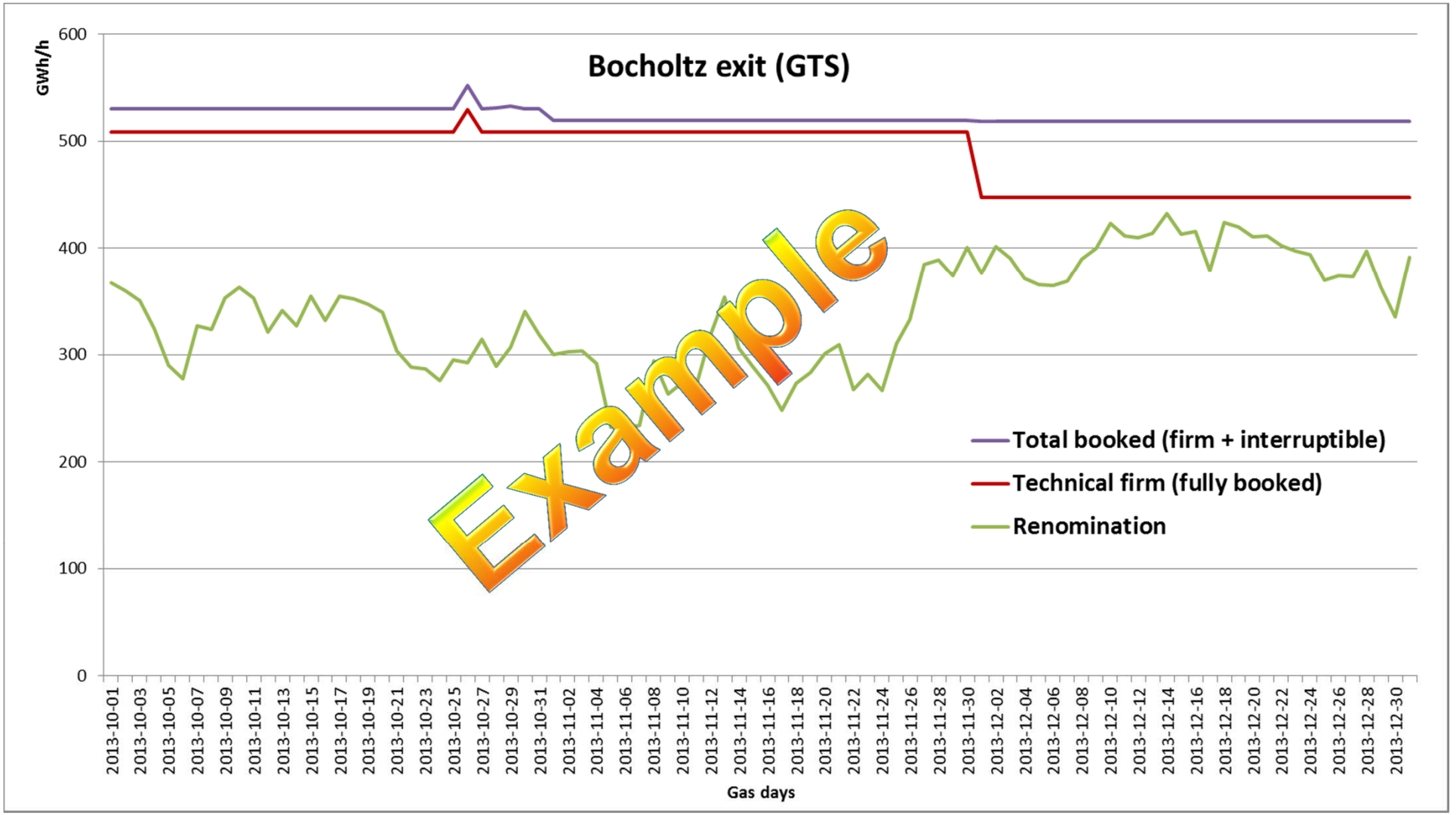
Exemplary Results

Analysis of bookings & flows at IPs



Exemplary Results

Analysis of bookings & flows at IPs



Potential future enhancements

- Analysis of the relative importance of each of the 4 conditions triggering the application of FDA UIOLI at congested IP sides
- Inclusion of capacity volume offered to the market due to the application of CMPs
- Include impact of capacity calculation methodologies on (increased) capacity offer by TSOs, incl. the additional amount of bundled capacity *(according to Art. 6 (4) NC CAM)*

- Assessment of links between capacity booking levels and price spreads between adjacent markets;

- Analysis of utilisation levels of capacities at IPs:
  → NRAs to check for potential capacity hoarding
  (according to 2.2.5 CMP GL)

Recommendations for future reports

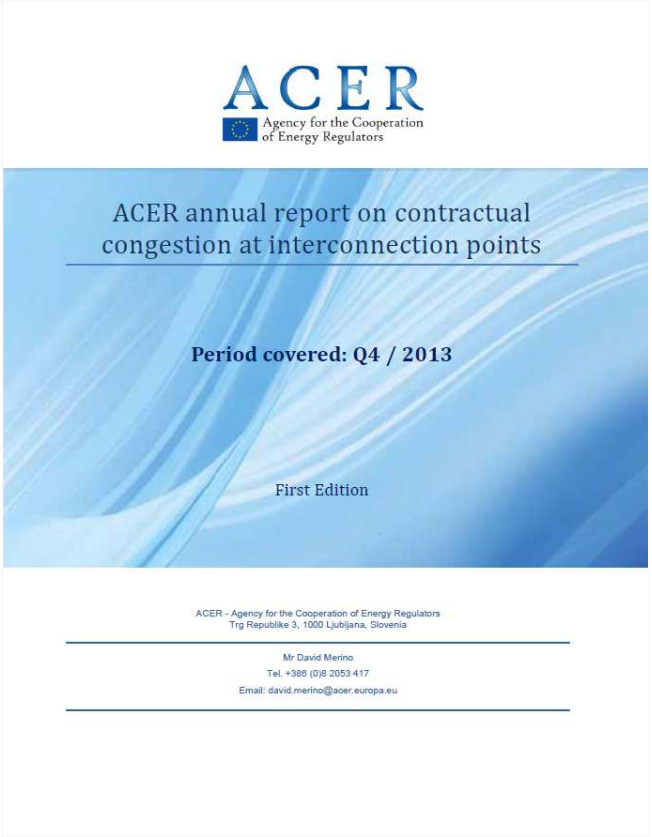
- **ENTSOG, TSOs** and **TSO-led platforms**
  → to improve data availability, quality and consistency
- **European Commission**
  → to shift the reporting period and yearly due date of the report by one quarter to 1 June
  (to cover March auctions and analyse data)
- **NRAs**
  → to support quality check of data and verify validity and completeness of 'their' TSO data

Publication & Feedback

1st ACER Congestion Report is published on ACER's website since 28.02.2014 :

Link:
http://www.acer.europa.eu/Official_documents/Acts_of_the_Agency/Publication/ACER%20Gas%20Contractual%20Congestion%20Report%202014.pdf

→ **Your feedback is appreciated!**
Mail to: cmpsurvey@acer.europa.eu



Thank you for your attention!

www.acer.europa.eu

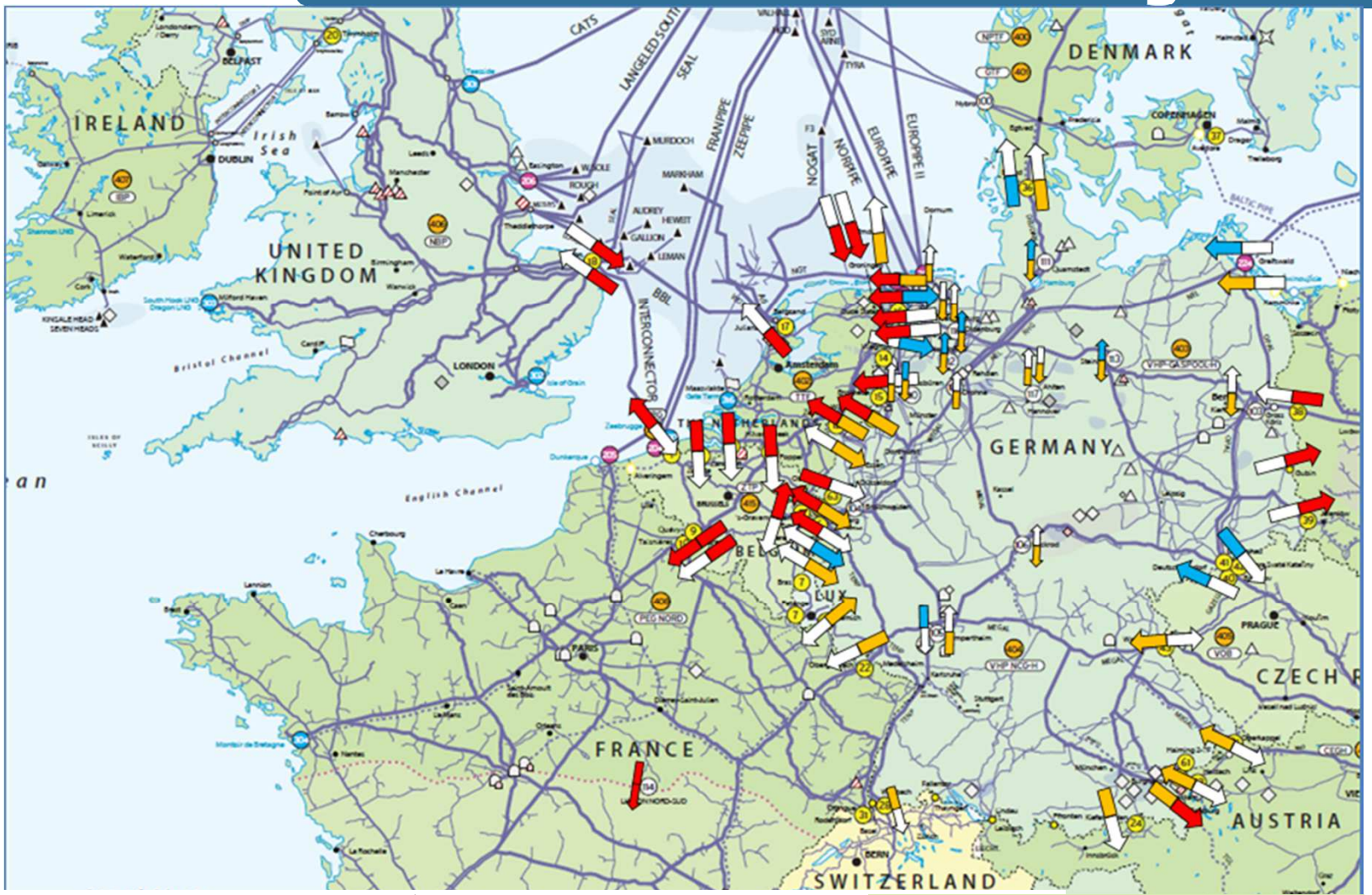
Legal basis:

COMMISSION DECISION of 24 August 2012
on amending Annex I to Regulation (EC) No 715/2009 of the European Parliament and of the Council on conditions for access to the natural gas transmission networks

„CMP Guideline“ section 2.2.1.2:

*“On the basis of the **information published** by the transmission system operators pursuant to Section 3 of this Annex and, where appropriate, validated by national regulatory authorities, the Agency shall publish **by 1 March of every year, commencing with the year 2014**, a monitoring report on congestion at interconnection points with respect to firm capacity products sold in the preceding year, taking into consideration to the extent possible capacity trading on the secondary market and the use of interruptible capacity.”*

Contractual congestion
North –West region



Con-gested **exit** ← → Non-con-gested **entry**

Congested **exit Gaspool**

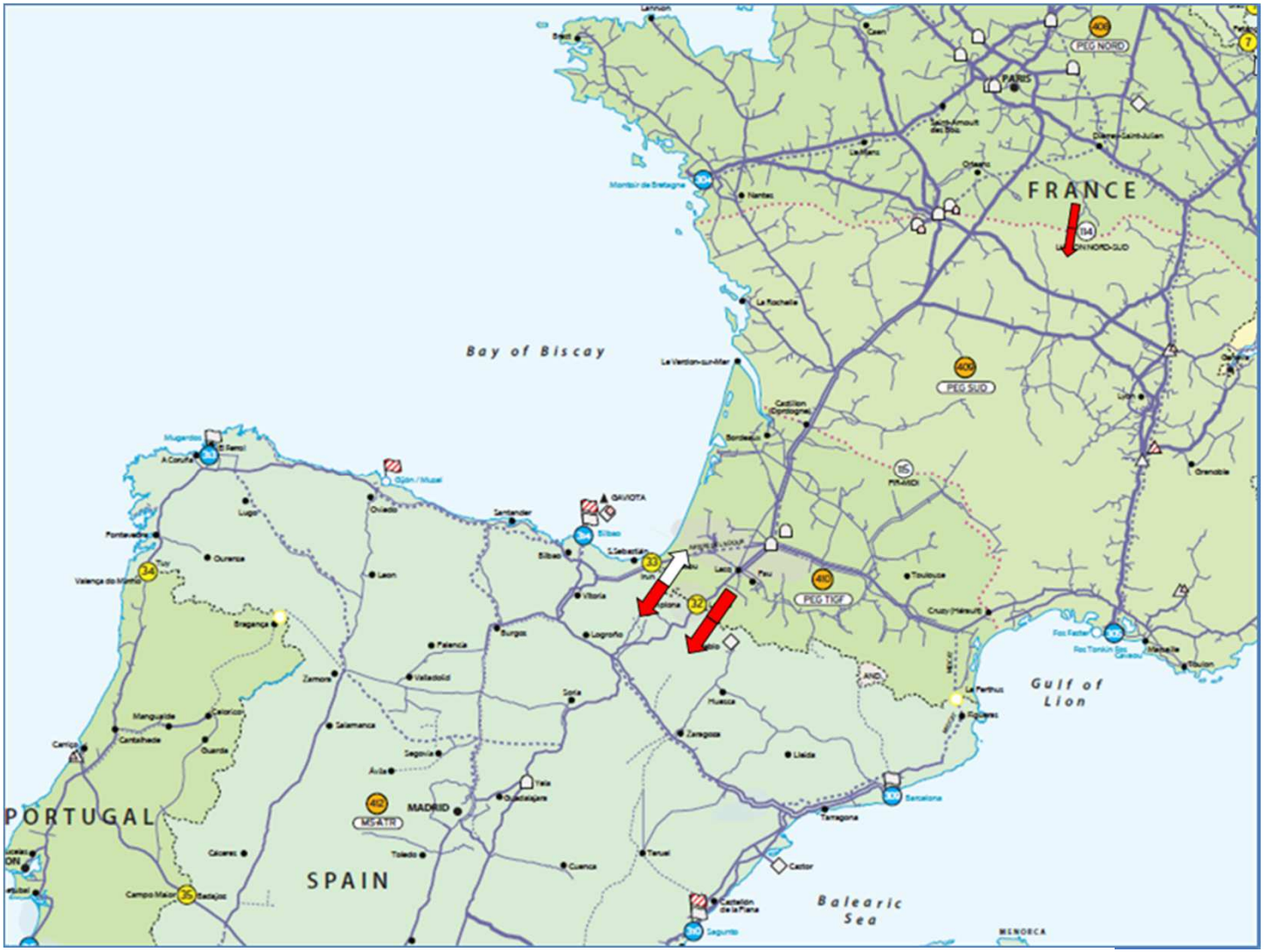
Congested **entry NCG**

All 4 sides entries & exits) congested

Congested entry & exit on red side only

Map source: ENTSOG Capacity Map (July 2013)
http://www.entsog.eu/maps/transmission-capacity-map

Contractual congestion
South region



Con-gested **exit** ← → Non-con-gested **entry**

Congested entry & exit on red side only

Map source: ENTSOG Capacity Map (July 2013)
http://www.entsog.eu/maps/transmission-capacity-map

Contractual congestion
South South-East region

Con-gested **exit** → Non-con-gested **entry**

Congested **exit Gaspool**

Congested **entry NCG**

All 4 sides (entries & exits) congested

Congested entry & exit on red side only

Map source: ENTSOG Capacity Map (July 2013)
http://www.entsog.eu/maps/transmission-capacity-map

Exemplary Results

Analysis of bookings & flows at IPs