

Overview of early implementation of CAM NC (IP-level)

Briefing for 2nd CAM Roadmap group meetings

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Scope of CAM NC*

Article 2 Scope

1. This Regulation shall apply to interconnection points. It may also apply to entry points from and exit points to third countries, subject to the decision of the relevant national regulatory authority. This Regulation shall not apply to exit points to end consumers and distribution networks, entry points from ‘liquefied natural gas’ (LNG) terminals and production facilities, and entry-exit points to or from storage facilities.

Where

‘interconnection point’ means a physical or virtual point connecting adjacent entry-exit systems or connecting an entry-exit system with an interconnector, in so far as these points are subject to booking procedures by network users

* Regulation text as of 15 April 2013

ENTSOG/ACER CAM NC IP list

CAP368
29 July 2013



List of Interconnection Points for the Expected or Possible Application of the Capacity Allocation Mechanism Network Code

EXPLANATORY NOTE/DISCLAIMER

The capacity allocation mechanisms network code (CAM NC) is expected to become a Commission Regulation in Q3 2013, subject to the scrutiny of the European Parliament and Council of Ministers and the adoption of the European Commission.

The CAM NC applies to interconnection points (IPs), meaning physical or virtual points connecting adjacent entry-exit systems or connecting an entry-exit system with an interconnector, in so far as these points are subject to booking procedures by network users. It may also apply to entry points from and exit points to third countries, subject to the decision of the relevant national regulatory authority. It will not apply to exit points to end consumers and distribution networks, entry points from LNG terminals and production facilities, or entry-exit points to or from storage facilities.

This two-part list has been prepared by ENTSOG in co-operation with ACER and NRAs. It represents a best assessment, as of 29 July 2013.

- Part I: IPs where the CAM NC is expected to apply (either on both sides or one side of an IP);
- Part II: IPs where the CAM NC may apply in the future, subject to a NRA decision.

The list may be subject to update.

Connection points where it is expected that the CAM NC will not apply, as they are covered by the exclusions in the CAM NC, are not included in this list. Therefore, this file should not be considered an exhaustive list of connection points.

The names of IPs may differ on each side of the border (e.g., Winterswijk on the Dutch side is called Vreden on the German side). For those cases, we have adopted the name that is most commonly used in a European context. For others, the names given are given.

The information provided was originally prepared in a professional and working language by ENTSOG and relates only to the application of the CAM NC without any prejudice to the application of other EU law (e.g., transparency requirements concerning transmission system operators). All information is provided as is, without any warranty as to the completeness, accuracy, fitness for any particular purpose or any use of results based on such information.

Updates can be communicated to ENTSOG in real-time

To be updated approx. every 6 mos. -- in sync with CAM Roadmap updates

Part I: IPs where the CAM NC is expected to apply (on both sides or one side of an IP)

PART I: INTERCONNECTION POINTS WHERE CAM NC EXPECTED TO APPLY

See explanatory note for detail.
Version date: 29 July 2013

Note
> Uni-directional IP (flow direction)
<> Bi-directional IP

APPLICATION ON BOTH SIDES OF IP

POINT TYPE	NAME LOCATION	System Operator 1	CC	Dir	System Operator 2	CC	COMMENTS
cross-border	IZT	Interconnector	UK	<>	Fluxys Belgium	BE	
cross-border	Zelzate	Fluxys Belgium	BE	<>	Gasunie Transport Services	NL	
cross-border	Zandvliet H-gas	Gasunie Transport Services	NL	>	Fluxys Belgium	BE	
cross-border	Zandvliet-L (NL) / Poppel (BE)	Gasunie Transport Services	NL	>	Fluxys Belgium	BE	
	Hilvarenbeek (NL) / Poppel (BE)	Gasunie Transport Services	NL	>			
cross-border	Zandvliet-L (NL) / Hilvarenbeek (BE)	Gasunie Transport Services	NL	>	Fluxys Belgium	BE	
	Hilvarenbeek (NL) / Hilvarenbeek (BE)	Gasunie Transport Services	NL	>			
cross-border	's Gravenvoeren (NL) / 's Gravenvoeren (BE)	Gasunie Transport Services	NL	<>	Fluxys Belgium	BE	
cross-border	Eynatten 1 (BE) / Eynatten (DE)	Fluxys Belgium	BE	<>	Gascade	DE	
cross-border	Eynatten 2 (BE) // Lichtenbusch / Raeren (DE)	Fluxys Belgium	BE	>	Open Grid Europe	DE	
			BE	>	Fluxys TEMP	DE	
			BE	>	Thyssengas	DE	
cross-border	Lichtenbusch / Raeren (DE) // Eynatten 2 (BE)	Fluxys TEMP	DE	>	Fluxys Belgium	BE	
		Open Grid Europe	DE	>		BE	
cross-border	Blaregnies Segeo (BE) / Taisnières (H) (FR)	Fluxys Belgium	BE	>	GRTgaz	FR	
	Blaregnies Troll (BE) / Taisnières (H) (FR)	Fluxys Belgium	BE	>		FR	
cross-border	Blaregnies Segeo (BE) / Taisnières (H) (FR)	GRTgaz	FR	>	Fluxys Belgium	BE	
	E) / Taisnières-L (FR)	Fluxys Belgium	BE	>	GRTgaz	FR	
		GRTgaz	FR	>	Fluxys Belgium	BE	IP will be operational in the end of 2015. CAM NC will apply to the available capacity.

For example:

- IPs where there are derogations in one of the Member States Corrections can be communicated to ENTSOG in real-time
- IPs with production sites where the NRA has decided to apply the CAM NC on the Member State side

Operating VIPs are included

Part II: IPs where the CAM NC may apply in the future, subject to a NRA decision

PART II: INTERCONNECTION POINTS WHERE FUTURE APPLICATION POSSIBLE (SUBJECT TO NRA DECISION)

See explanatory note for detail.

Version date: 29 July 2013

Note

- > Uni-directional IP (flow direction)
- <> Bi-directional IP

POINT TYPE	NAME LOCATION	System Operator 1	CC	Dir	System Operator 2	CC	COMMENTS
cross-border	Karksi	Võrguteenus	EE	<>	Latvijas Gaze	LV	Derogation un
cross-border IP	Kiemenai	Latvijas Gaze	LV	<>	Lietuvos Dujos	LT	Derogation un
cross-border	Twynholm	Gaslink	IE	>	Premier Transmission Limited (PTL)	UK	This point is ut a result, NRAs point being m
third country	Oltingue (FR) / Rodersdorf (CH)	GRTgaz	FR	>	Swissgas	CH	
third country	Kiskundorozsma	FGSZ	HU	>	Srbijagas	SB	
third country	Beregdaróc	FGSZ	HU	>	Ukrtransgaz	UA	
third country	Beregovo	Ukrtransgaz	UA	>	FGSZ	HU	
third country	Zidilovo	Bulgartransgaz	BG	>	Makpetrol	MK	
third country	Malkoclar	Bulgartransgaz	BG	>	Botas	TK	
third country	Sakiai	Lietuvos Dujos	LT	>	Gazprom	RU	
third country	Tarifa	EMPL	MA	>	Enagas	ES	
third country	Almeria	Medgaz	MA	>	Enagás	ES	
third country	Mazara del Vallo	TPMC	TN	>	Snam Rete Gas	IT	
third country	Gela	GreenStream Network	LY	>	Snam Rete Gas	IT	

For example:

- IPs with derogations in the two Member States involved
- IPs including a non-EU country

IP-level early implementation info: firm standard capacity products (offered; bundled)

By when will firm capacity products (where available) be allocated via auctions?									
Yearly		Quarterly		Monthly		Day-Ahead		Within-day	
Offered	Bundled	Offered	Bundled	Offered	Bundled	Offered	Bundled	Offered	Bundled

Key:

- Yes** already implemented (as of 1 Sep. 2013)
- 2013** end-2013
- 2014** end-2014
- 2015** prior to 1 November 2015
- TBD** to be determined (i.e. implementation decision pending)
- ID** Implementation on deadline of 1 November 2015
- NA** not applicable

At a given IP for the same direction of flow, if the products do not match for TSO 1 and TSO 2, two entries per cell can be made (date TSO 1 / date TSO 2)

IP-level early implementation info: firm standard capacity products (offered; bundled)

When product(s) auctioned, by when...			
Web-based platform used?	URL/web link for booking platform	CAM NC timings used?	CAM NC auctions algorithms used?

IP-level info: examples* (1)

ILLUSTRATIVE

Annex/table includes 80 IPs where CAM NC application on both sides is expected

Bundled product offers available from German TSOs and some other PRISMA participants already

Offer of within-day products under consideration or not planned until formal implementation date of Nov'15

APPLICATION ON BOTH SIDES OF IP						By when will firm capacity products (where available) be allocated via auctions?									
						Yearly		Quarterly		Monthly		Day-Ahead		Within-day	
IP NAME	TSO1	CC	Dir	TSO2	CC	Offered	Bundled	Offered	Bundled	Offered	Bundled	Offered	Bundled	Offered	Bundled
Oberkappel	OGE	DE	>	BOG	AT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	TBD/ID	TBD/ID
	BOG	AT	>	OGE	DE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	ID/TBD	ID/TBD
	GRTgaz DE	DE	>	BOG	AT	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	ID	ID
	BOG	AT	>	GRTgaz DE	DE	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	ID	ID
Überackern	GCA	AT	>	bayernets	DE	Yes	TBD	Yes	TBD	Yes	TBD	Yes	TBD	ID/TBD	ID
	bayernets	DE	>	GCA	AT	Yes	TBD	Yes	TBD	Yes	TBD	Yes	TBD	TBD/ID	ID
	GCA	AT	>	OGE	DE	Yes	TBD	Yes	TBD	Yes	TBD	Yes	TBD	ID/TBD	TBD
	OGE	DE	>	GCA	AT	Yes	TBD	Yes	TBD	Yes	TBD	Yes	TBD	TBD/ID	TBD

IP-level info: examples* (2)

ILLUSTRATIVE

Generally, one notes progressive introduction of standard products and bundling

APPLICATION ON BOTH SIDES OF IP						By when will firm capacity products (where available) be allocated via auctions?									
						Yearly		Quarterly		Monthly		Day-Ahead		Within-day	
IP NAME	TSO1	CC	Dir	TSO2	CC	Offered	Bundled	Offered	Bundled	Offered	Bundled	Offered	Bundled	Offered	Bundled
Tarvisio (IT) / Arnoldstein (AT)	TAG	AT	>	Snam Rete Gas	IT	Yes/2014	2014	Yes/2014	2014	Yes/2014	2014	Yes	Yes	2015	2015
	Snam Rete Gas	IT	>	TAG	AT	2014/Yes	2014	2014/Yes	2014	2014/Yes	2014	Yes	Yes	2015	2015
Larrau	TIGF	IFR	>	Enagas	IES	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015
	Enagas	ES	>	TIGF	FR	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015
Bariatou (FR) / Irun (ES)	TIGF	FR	>	Enagas	ES	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015
	Enagas	ES	>	TIGF	FR	2014	2014	2014	2014	2014	2014	2015	2015	2015	2015

* ENTSOG info. file under review by NRAs through 20 September 2013

ENTSOG observations from early implementation reporting exercise

- > **Within pilot projects identified and reported upon**
 - **range of the standard capacity products offered will increase over time**
 - **bundling is nascent but will increase over time**
- > **Other TSOs are working toward the CAM NC implementation deadline of 1 November 2015; additional pilot projects may emerge over time**
- > **ACER/ENTSOG aspire to increase number of IPs reported with the next update of the CAM Roadmap**

It's hoped that CAM NC IP list and early implementation report will serve as a valuable resource for stakeholders