

Public Transparency workshop

28 November 2018

TRA WG 30 October 2018

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Stakeholder feedback – how and what?

1A: Stakeholder feedback – how and what?

3 x 4-6 weeks survey run in 2016 and 2017 with limited responses

- One suggestion on personalised views is being discussed
- Information in Calendar is being improved
- More clarity on interruption indicators

Since December 2017, a standing survey has been available online

- On ENTSOG's website
- On the Transparency Platform

Limited responses (7 in total) makes it difficult to make statistical conclusions. Surveys are instead used as input for user improvements and deciding which functionalities need more promotion.

TRA WG continue to discuss stakeholder feedback.

1A: Stakeholder feedback – how and what?

Suggestions 2018

- More visual presentation of data
- Quicker download and ease of update

More promotion needed 2018

- Calendar section and Latest interruptions (no action)
- API tool (Demo video to be prepared)
- [Export tool](#) (Demo video is already prepared)
- [Recently viewed items](#) (Demo video is already prepared)

ENTSOG and the TSOs are evaluating and prioritising the suggestions



**Delivered functionalities 2018 –
questions welcome during presentation**



Virtual Reverse flow applies

Background: Feedback from ACER

- > Issue: It is difficult for ACER to see the virtual reverse flows in the Point information on the TP (was kept in a manual spreadsheet)
- > New master data indicator: Virtual Reverse flow applies incl. remark field
- > Added to give more transparency on virtual reverse flows with less manual maintenance

Point	Operator	TSO Point Identifier	Direction	CAM&CMP	Virtual Reverse Flow
Waidhaus	NET4GAS	21Z0000000000236	entry	CAM CMP	No
Waidhaus	NET4GAS	21Z0000000000236	exit	CAM CMP	No
Waidhaus (GRTgaz D)	GRTgaz Deutschland	21Z000000000162T	entry	CAM CMP	No
Waidhaus (GRTgaz D)	GRTgaz Deutschland	21Z000000000162T	exit	CAM CMP	Yes
Waidhaus (OGE)	Open Grid Europe	21Z0000000000236	entry	CAM CMP	No
Waidhaus (OGE)	Open Grid Europe	21Z0000000000236	exit	CAM CMP	Yes

Showing 1 to 6 of 6 entries

Info on virtual reverse flow can now be found on the TP and in downloads



Improved tariff section [1/2]

Background: Feedback from TSOs

- > Issue: Data could be more user friendly
- > Added Common Remarks on “Applicable tariffs” in TP GUI and downloads

Product type	Applicable tariff in common unit [value]	Applicable tariff in common unit [unit]	Start time of validity	End time of validity	Multiplier	Discount for interruptible capacity	Seasonal factor	Applicable tariff per kWh/d [value]	Applicable tariff in local currency/kWh/d [unit]	Applicable tariff per kWh/h [value]	Applicable tariff in local currency/kWh/h [unit]	Applicable tariff per kWh/d [value]	Applicable tariff in EUR/kWh/d [unit]	Applicable tariff per kWh/h [value]
Product T	Applicable	Applicable	Start time	End time c	Multiplie	Discount for interruptibl	Season:	Applicable	Applicable tarif	Applicable	Applicable tari	Applicable	Applicable	Applicable
Daily	0.01286082	Euro/ (kWh/h)/d	01/01/2018 06:00	01/01/2019 06:00	1.4	0.1	N/A	0.00053587	EUR/(kWh/d)/d	0.01286082	EUR/(kWh/h)/d	0.00053587	Euro/ (kWh/d)/d	0.01286082

More precise information to the users



Improved tariff section [2/3]

Background: Feedback from TSOs

- > Issue: Data could be more user friendly
- > Removed insignificant zeroes after the decimal point

Applicable tariff in common unit (value)	Applicable tariff in common unit (unit)	Start time of validity	End time of validity	Multiplier	Discount for interruptible capacity	Seasonal factor	Applicable tariff per kWh/d [value]	Applicable tariff per kWh/d [unit]	Applicable tariff per kWh/h [value]	Applicable tariff per kWh/h [unit]
11546007	Euro/ (kWh/h)/d	01/05/2018 06:00	01/10/2019 06:00	1.00000000	10.00000000	1.00000000	0.03023680	BGN/ (kWh/d)/m	0.00125987	BGN/ (kWh/h)/m
11496135	Euro/ (kWh/h)/d	01/06/2018 06:00	01/10/2019 06:00	1.00000000	10.00000000	1.00000000	0.02926140	BGN/ (kWh/d)/m	0.00121922	BGN/ (kWh/h)/m
11546007	Euro/ (kWh/h)/d	01/07/2018 06:00	01/10/2019 06:00	1.00000000	10.00000000	1.00000000	0.03023680	BGN/ (kWh/d)/m	0.00125987	BGN/ (kWh/h)/m
11546007	Euro/ (kWh/h)/d	01/08/2018 06:00	01/10/2019 06:00	1.00000000	10.00000000	1.00000000	0.03023680	BGN/ (kWh/d)/m	0.00125987	BGN/ (kWh/h)/m
11496135	Euro/ (kWh/h)/d	01/09/2018 06:00	01/10/2019 06:00	1.00000000	10.00000000	1.00000000	0.02926140	BGN/ (kWh/d)/m	0.00121922	BGN/ (kWh/h)/m
10149611	Euro/ (kWh/h)/d	01/10/2017 06:00	01/10/2018 06:00	3.00000000	10.00000000	1.00000000	0.00292610	BGN/ (kWh/d)/m	0.00012192	BGN/ (kWh/h)/m

More precise information to the users



Improved tariff section [3/3]

Background: Feedback from TSOs

- > Issue: Data could be more user friendly
- > Improved sorting of data in the TP GUI

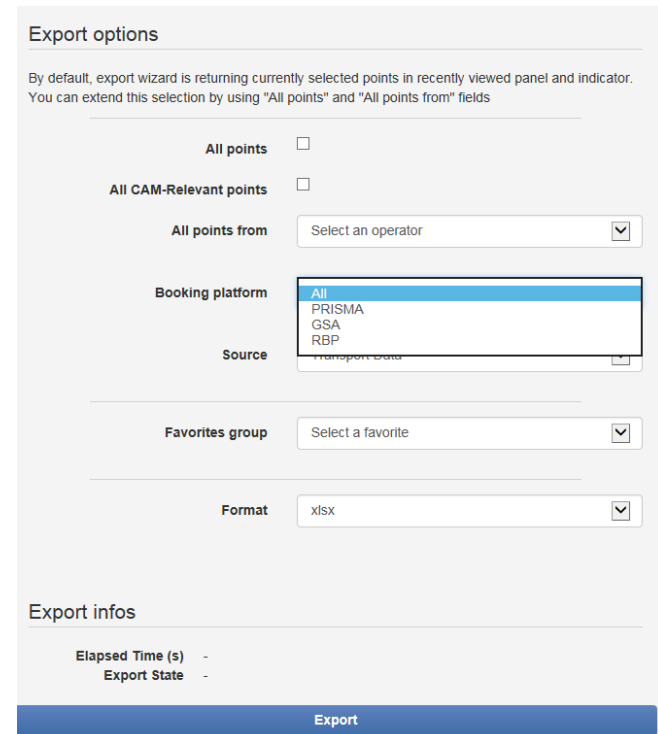
Tariff Period	Point Name	Direction	Operator	Capacity type	Product Type	Applicable tariff in common unit [value]	Applicable tariff in common unit [unit]	Start time of validity	End time of validity
01/10/2017 06:00 01/10/2018 06:00	Drager	exit	Energinet.dk	Firm	Yearly	0.00523296	Euro/(kWh/h)/d	01/10/2017 06:00	01/10/2018 06:00
01/10/2018 06:00 01/10/2019 06:00	Drager	exit	Energinet.dk	Firm	Yearly	0.00607389	Euro/(kWh/h)/d	01/10/2018 06:00	01/10/2019 06:00
01/10/2017 06:00 01/10/2018 06:00	Drager	exit	Energinet.dk	Firm	Quarterly	0.00570932	Euro/(kWh/h)/d	01/10/2017 06:00	01/01/2018 06:00
01/10/2017 06:00 01/10/2018 06:00	Drager	exit	Energinet.dk	Firm	Quarterly	0.00583629	Euro/(kWh/h)/d	01/01/2018 06:00	01/04/2018 06:00
01/10/2017 06:00 01/10/2018 06:00	Drager	exit	Energinet.dk	Firm	Quarterly	0.00577207	Euro/(kWh/h)/d	01/04/2018 06:00	01/07/2018 06:00
01/10/2017 06:00 01/10/2018 06:00	Drager	exit	Energinet.dk	Firm	Quarterly	0.00570932	Euro/(kWh/h)/d	01/07/2018 06:00	01/10/2018 06:00
01/10/2018 06:00 01/10/2019 06:00	Drager	exit	Energinet.dk	Firm	Quarterly	0.00662674	Euro/(kWh/h)/d	01/10/2018 06:00	01/01/2019 06:00
01/10/2018 06:00 01/10/2019 06:00	Drager	exit	Energinet.dk	Firm	Quarterly	0.00677445	Euro/(kWh/h)/d	01/01/2019 06:00	01/04/2019 06:00
01/10/2018 06:00 01/10/2019 06:00	Drager	exit	Energinet.dk	Firm	Quarterly	0.00669925	Euro/(kWh/h)/d	01/04/2019 06:00	01/07/2019 06:00
01/10/2018 06:00 01/10/2019 06:00	Drager	exit	Energinet.dk	Firm	Quarterly	0.00662674	Euro/(kWh/h)/d	01/07/2019 06:00	01/10/2019 06:00
01/10/2017 06:00 01/10/2018 06:00	Drager	exit	Energinet.dk	Firm	Monthly	0.00640786	Euro/(kWh/h)/d	01/10/2017 06:00	01/11/2017 06:00
01/10/2017 06:00 01/10/2018 06:00	Drager	exit	Energinet.dk	Firm	Monthly	0.00662152	Euro/(kWh/h)/d	01/11/2017 06:00	01/12/2017 06:00

Tariff data are sorted by Capacity Type then Product Type

Export filter by booking platforms

Background: Feedback from ACER

- > *Issue: After adding information about booking platforms on the TP, it would be useful to also be able to base exports on them*
- > New export filter added to the Point Information and Transport Data downloads



The screenshot shows the 'Export options' dialog box. It contains the following fields and options:

- All points**:
- All CAM-Relevant points**:
- All points from**: Select an operator (dropdown menu)
- Booking platform**: All (dropdown menu with options: All, PRISMA, GSA, RBP, Transport Data)
- Source**: Transport Data (dropdown menu)
- Favorites group**: Select a favorite (dropdown menu)
- Format**: xlsx (dropdown menu)

Below the options, there is an 'Export infos' section with the following status:

- Elapsed Time (s) -
- Export State -

An 'Export' button is located at the bottom right of the dialog box.

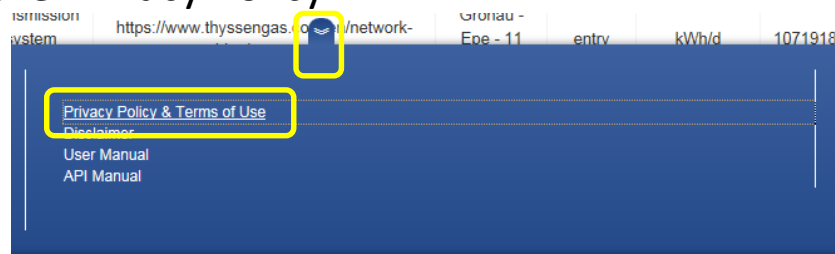
Exports can be filtered by Booking Platform too



GDPR update to user login

Background: GDPR regulation

- > Issue: GDPR requires a policy for privacy and use of personal data
- > TP Terms of Use has been updated with a privacy section
- > TP user request section has been updated with a mandatory agreement to the [Privacy Policy and Terms of Use](#)
- > Existing users have been prompted to accept the Privacy Policy



The TP is compliant with GDPR



Tooltip over CMP sections

Background: Questions from ACER

- > *Issue: A default sentence was added to the CMP sections, to show that data was not missing despite no records for CMP activity, but it was not very clear how the default sentence works*
- > A tooltip has been added to CMP Unavailable Firm Capacities

The screenshot shows a web application interface with a navigation bar at the top containing tabs for 'Points', 'Transport data', 'CMP data', and 'Tariff data'. Below the navigation bar, there are three main sections: 'CMP Unsuccessful Requests', 'CMP Auction Results', and 'CMP Unavailable Firm Capacities'. The 'CMP Unavailable Firm Capacities' section is expanded, showing a table with columns for 'Point' and 'Operator'. A tooltip is displayed over the 'CMP Unavailable Firm Capacities' section, containing the following text: 'When Firm Capacity is available and it is offered via the regular allocation process then a default sentence is published. If Firm Capacity is NOT available, the actual regular allocation process is inserted instead of the default sentence. To see solely the instances where Firm Capacity was not available, please filter out the rows with a default sentence. The possible values for the regular allocation process applied at the points for the particular periods are: - Auction - FCFS - OpenSubscription - Other'. Below the table, it says 'Showing 0 to 0 of 0 entries'.

Tooltip is used to avoid misunderstandings in case of no data



Updated names of interruption indicators

Background: Feedback from satisfaction survey 2017

- > *Issue: The names for the interruption indicators are not very clear*
- > Names have been updated in the TP GUI and the downloads

▼ INTERRUPTION

▼ FIRM PLANNED

- FIRM CAPACITY BEFORE INTERRUPTION
- PLANNED INTERRUPTION OF FIRM CAPACITY
- PLANNED INTERRUPTION OF FIRM CAPACITY %

▼ FIRM UNPLANNED

- FIRM CAPACITY BEFORE INTERRUPTION
- UNPLANNED INTERRUPTION OF FIRM CAPACITY
- UNPLANNED INTERRUPTION OF FIRM CAPACITY %

▼ INTERRUPTIBLE PLANNED

- INTERRUPTIBLE CAPACITY BEFORE INTERRUPTION
- PLANNED INTERRUPTION OF INTERRUPTIBLE CAPACITY
- PLANNED INTERRUPTION OF INTERRUPTIBLE CAPACITY %

▼ INTERRUPTIBLE ACTUAL

- INTERRUPTIBLE CAPACITY BEFORE INTERRUPTION
- ACTUAL INTERRUPTION OF INTERRUPTIBLE CAPACITY
- ACTUAL INTERRUPTION OF INTERRUPTIBLE CAPACITY - %

More clear names to make the data easier to interpret



New UMM section

Background: ACER guidance and opinions on ENTSOG AR2016

- > *Issue: Aligning UMM format with ACER's standardised format for inside information publications issued in December 2016*
- > TP GUI is updated with ACER's standard format
- > GUI can show more assets in one picture
- > UMMs can be downloaded
- > Ready for ACER RSS feed
- > Publication available to ENTSOG Members, Ass. Partners, Observers and Booking Platforms

[Link to Platform](#)



Planned functionalities 2018 – questions welcome during presentation



Export filter by Point Types

Background: TP user questions and workshop feedback (REKK)

- > *Issue: You cannot export based on a certain point type*
- > New export being tested
- > Currently available for Transport Data and Point Information

Export options

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

All points

All CAM-Relevant points

Points type

All points from

Booking platform

Source

Export

Planned release December 2018



New UMM section

Plan: New Filter for operator



Unavailabilities of gas facilities | Other market information | Export wizard

UMM ID	Version number	MP name	MP EIC	Balancing zone EIC	Event start	Event stop	Event status	Type of unavailability	Type of event	Reason for unavailability	Point name	Point direction	Unit of measurement	Technical capacity	Available capacity	Unavailable capacity	Remark	Publication date/time	
18100821X-DE-G-ADADA-U001	1	Thyssaengas GmbH	21X-DE-G-ADADA-U	37Y701125M100001	12/11/2018 05:00	24/11/2018 05:00	Active	Planned	Transmission system unavailability	Increase of available capacity during planned maintenance starting from 12.11.2018 06:00 to 24.11.2018 06:00. For further information please visit: https://www.thyssaengas.com/en/network-enquiries/transparency-information/maintenance-measures-in-accordance-with-eu-ordinance-7152009-annex-1-point-331-f-and-g-and-28-thyssaengasgtr/	Gronau - Epe - 13 (UGS-E)	entry	kWh/d	40252224	12000				
18100821X-DE-G-ADADA-U001	2	Thyssaengas GmbH	21X-DE-G-ADADA-U	37Y701125M100001	12/11/2018 06:00	24/11/2018 06:00	Active	Planned	Transmission system unavailability	Increase of available capacity during planned maintenance starting from 12.11.2018 06:00 to 24.11.2018 06:00. For further information please visit: https://www.thyssaengas.com/en/network-enquiries/transparency-information/maintenance-measures-in-accordance-with-eu-ordinance-7152009-annex-1-point-331-f-and-g-and-28-thyssaengasgtr/	Gronau - Epe - 13 (UGS-E)	entry	kWh/d	40252224	12000				

Current Timezone
CET

From Gas Day
2018-10-24

To Gas Day
2018-11-24

Event status
All

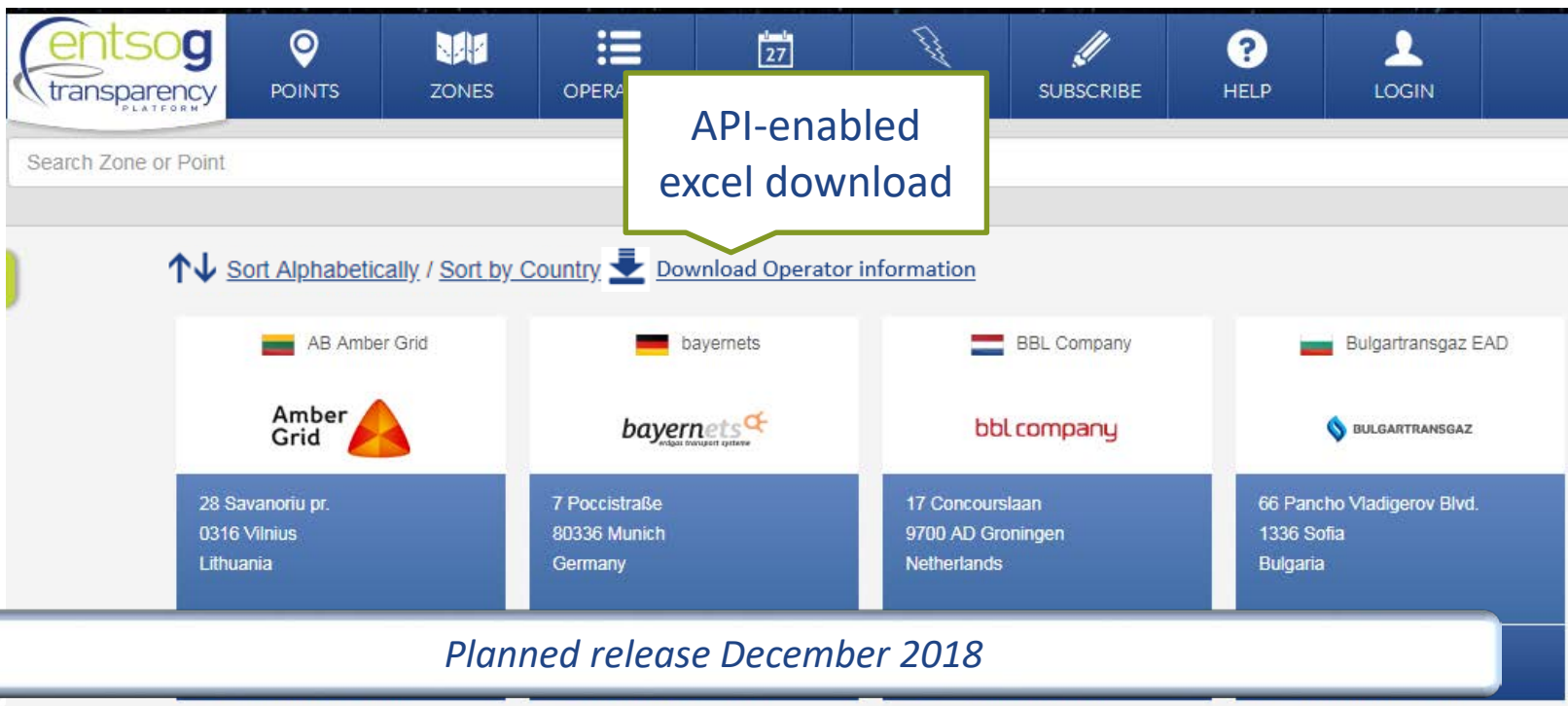
Market Participant
All

Planned Release December 2018

Easier access to Operator downloads

Background: Request from EFET and ACER after Tariff implementation

- > Issue: It is not possible to download a list of links to the tariff information on the TSOs/NRAs websites
- > The information was available through API
- > A new button shall make it more easy to find the information



The screenshot shows the 'entsog transparency platform' interface. A navigation bar at the top includes icons for POINTS, ZONES, OPERATORS, a calendar, a lightning bolt, SUBSCRIBE, HELP, and LOGIN. Below the navigation bar is a search field labeled 'Search Zone or Point'. A callout box with a green border points to a blue button labeled 'Download Operator information' in the main content area. Below this button are sorting options: 'Sort Alphabetically / Sort by Country'. The main content area displays a grid of operator information cards for AB Amber Grid, bayernets, BBL Company, and Bulgartransgaz EAD. Each card includes the operator's name, logo, and address details.

Operator	Address	Country
AB Amber Grid	28 Savanoriu pr. 0316 Vilnius Lithuania	Lithuania
bayernets	7 Poccistraße 80336 Munich Germany	Germany
BBL Company	17 Conourslaan 9700 AD Groningen Netherlands	Netherlands
Bulgartransgaz EAD	66 Pancho Vladigerov Blvd. 1336 Sofia Bulgaria	Bulgaria

Planned release December 2018



Update Point Information Download

Background: Feedback from ACER

- > Issue: Information about adjacent TSOs, EICs and Balancing Zones is not available in the current point information download
- > The download will be updated to include this information (being tested)

Country	Zone	Operator	TSO/EIC	Point	Cross-B	EU Relation	Point Ty	Identifier	Directi	CAM	CMP	Virtual Reverse Flow	Virtual Reverse Flow Applies Rem	Booking Platform	Connected Operators	Adjacent TSO EIC	Adjacent Zon	Adjacent Count
AT	Austria	GCA	21X-AT-B-A0A0A-K	Überackern SUDAL	Cross-Borc	within EU	Cross-Bord	21200000000001240	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	bayernets	21X-DE-A-A0A0A-A	NGC	DE
DE	NGC	GRTD	21X000000001008P	Oberkappel	Cross-Borc	within EU	Cross-Bord	2120000000000161V	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	bayernets	21X-DE-A-A0A0A-A	NGC	DE
AT	Austria	GCA	21X-AT-B-A0A0A-K	Überackern ABG (A)	Cross-Borc	within EU	Cross-Bord	2120000000000002E	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	OGE	21X-DE-C-A0A0A-T	NGC	DE
AT	Austria	GCA	21X-AT-B-A0A0A-K	Überackern ABG (A)	Cross-Borc	within EU	Cross-Bord	212000000000000003C	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	FGSZ	21X-HU-A-A0A0A-8	Hungary	HU
DE	GASPOOL	GASCADE	21X-DE-H-A0A0A-L	Eynatten 1 (BE) // L	Cross-Borc	within EU	Cross-Bord	21200000000000155	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	Fluxys Belgium	21X-BE-A-A0A0A-Y	BeLux	BE
AT	Austria	GCA	21X-AT-B-A0A0A-K	Murfeld (AT) / Cerz	Cross-Borc	within EU	Cross-Bord	21200000000000058	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	Plinovodi	21X-SI-A-A0A0A-8	Slovenia	SI
DE	NGC	Thyssengas	21X-DE-G-A0A0A-U	Eynatten 2 (BE) // L	Cross-Borc	within EU	Cross-Bord	2120000000000147P	exit	CAM-Relevant	Non-CMP-Relevant	TRUE		PRISMA	Fluxys Belgium	21X-BE-A-A0A0A-Y	BeLux	BE
AT	Austria	GCA	21X-AT-B-A0A0A-K	Oberkappel	Cross-Borc	within EU	Cross-Bord	2120000000000010G	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	GRTD	21X000000001008P	NGC	DE
AT	Austria	GCA	21X-AT-B-A0A0A-K	Oberkappel	Cross-Borc	within EU	Cross-Bord	2120000000000010G	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	OGE	21X-DE-C-A0A0A-T	NGC	DE
AT	Austria	GCA	21X-AT-B-A0A0A-K	Baumgarten	Cross-Borc	within EU	Cross-Bord	2120000000000163R	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	Eustream	21X-SK-A-A0A0A-N	Slovakia	SK
AT	Austria	GCA	21X-AT-B-A0A0A-K	Baumgarten	Cross-Borc	within EU	Cross-Bord	2120000000000175K	exit	CAM-Relevant	Non-CMP-Relevant	FALSE		PRISMA	Eustream	21X-SK-A-A0A0A-N	Slovakia	SK
AT	Austria	TAG GmbH	21X-AT-C-A0A0A-B	Baumgarten	Cross-Borc	within EU	Cross-Bord	2120000000000164P	exit	CAM-Relevant	Non-CMP-Relevant	TRUE		PRISMA	Eustream	21X-SK-A-A0A0A-N	Slovakia	SK
AT	Austria	TAG GmbH	21X-AT-C-A0A0A-B	Tarvisio (IT) / Arno	Cross-Borc	within EU	Cross-Bord	2120000000000004A	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	SNAM RETE GAS	21X-IT-A-A0A0A-7	Italy	IT
DE	GASPOOL	ONTRAS Gas	21X-DE-F-A0A0A-2	Hora Svaté Kateřin	Cross-Borc	within EU	Cross-Bord	21200000000000228	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	N4G	21X000000001304L	Czech	CZ
DE	NGC	GRTD	21X000000001008P	Waidhaus	Cross-Borc	within EU	Cross-Bord	21200000000000162T	exit	CAM-Relevant	Non-CMP-Relevant	TRUE		PRISMA	N4G	21X000000001304L	Czech	CZ
DE	GASPOOL	GASCADE	21X-DE-H-A0A0A-L	Obernshau (DE) / H	Cross-Borc	within EU	Cross-Bord	21200000000000920	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	N4G	21X000000001304L	Czech	CZ
DE	GASPOOL	GUD	21X-DE-D-A0A0A-K	Bunde (DE) / Oude	Cross-Borc	within EU	Cross-Bord	2120000000000076M	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	GTS	21X-NL-A-A0A0A-Z	Netherlands	NL
BE	L-Zone	Fluxys Belgi	21X-BE-A-A0A0A-Y	Hilvarenbeek	Cross-Borc	within EU	Cross-Bord	2120000000000243T	exit	CAM-Relevant	Non-CMP-Relevant	TRUE		PRISMA	GTS	21X-NL-A-A0A0A-Z	Netherlands	NL
DE	GASPOOL	GUD	21X-DE-D-A0A0A-K	Bunde (DE) / Oude	Cross-Borc	within EU	Cross-Bord	2120000000000078I	exit	CAM-Relevant	Non-CMP-Relevant	TRUE		PRISMA	GTS	21X-NL-A-A0A0A-Z	Netherlands	NL
DE	GASPOOL	GASCADE	21X-DE-H-A0A0A-L	Bunde (DE) / Oude	Cross-Borc	within EU	Cross-Bord	2120000000000074Q	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	GTS	21X-NL-A-A0A0A-Z	Netherlands	NL
BE	BeLux	Fluxys Belgi	21X-BE-A-A0A0A-Y	Zeebrugge IZT	Cross-Borc	within EU	Cross-Bord	21200000000000074	exit	CAM-Relevant	CMP-Relevant	FALSE		PRISMA	IUK	21X-GB-B-A0A0A-Z	IUK	UK
DE	NGC	Thyssengas	21X-DE-G-A0A0A-U	Bocholtz-Vetschau	Cross-Borc	within EU	Cross-Bord	2120000000000107U	exit	CAM-Relevant	Non-CMP-Relevant	TRUE		PRISMA	GTS	21X-NL-A-A0A0A-Z	Netherlands	NL
RF	BelLux	Fluxys Belgi	21X-BE-A-A0A0A-Y	Zandvoort H-acc	Cross-Borc	within EU	Cross-Bord	2120000000000106Z	exit	CAM-Relevant	Non-CMP-Relevant	TRUE		PRISMA	GTS	21X-NL-A-A0A0A-Z	Netherlands	NL

With this update, ENTSOG and ACER can skip maintaining the CAM Relevant IP Sidelist

A green L-shaped graphic consisting of two thick bars meeting at a right angle in the top-left corner.

Updated CMP validation rules

Background: Feedback from ACER

- > Issue: Certain CMP data is not correctly published on the TP
- > New validation rules will ensure
 - Correct amounts in unsuccessful requests (no negative values)
 - Correct dates in the auctions and products
 - Auction Premium, Reserve Price and Cleared Price will always be filled
 - Correct duration of products

This will apply to CMP data in 2019 and onwards



ENTSOOG data retention policy



Background: 5 years publication requirement reached 01/10/2018

- > 5 years of data will always be available on the TP
- > Older data will be removed per gas year – first time in October 2019 for the gas year 2013-2014

Keep a cost-efficient solid environment for continuous improvement

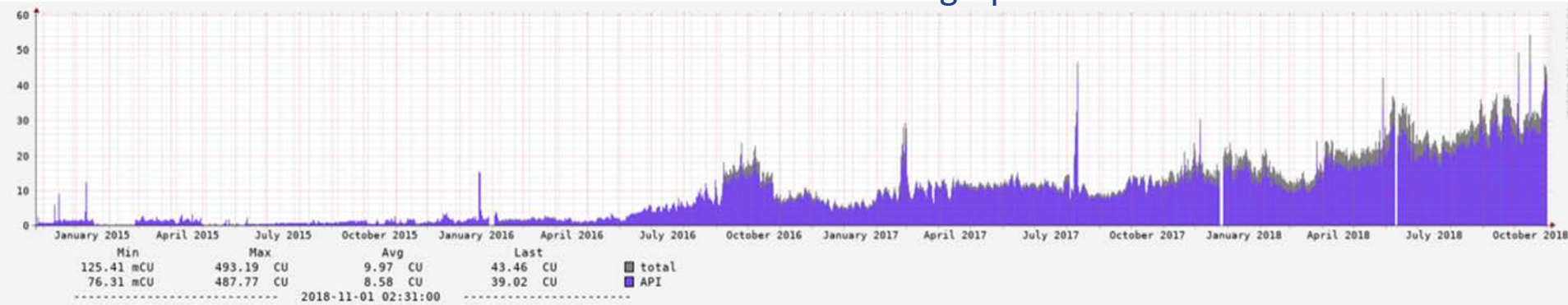


Update to TP hardware

Moving the TP to the cloud

- > Hardware is outdated and needs upgrades
- > Application review shows significant benefits if moving to the cloud
- > More stable performance: Less risk of performance issues if datacentre has issues
- > Better API management: Investigate if 60 sec. limit might be increased

TP Status – Concurrent Users graph



Update will be done gradually during 2019

Fora Available for the Stakeholders

Stakeholders in general

- > *'Submit a question' form on ENTSOG TP*
- > *Direct contacts to TSOs*
- > *Annual workshops*
- > *Annual satisfaction surveys*
- > *Functionality Platform to raise issues*
- > *Ad-hoc meetings upon stakeholder requests*

ACER:

- > *Ad-hoc discussions with ACER on data for monitoring,*
- > *Bi-weekly meetings with REMIT team*
- > *Workshops on special topics*

Many fora are open to stakeholders



Thank You for Your Attention

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PowerQuery by Bogdan Gugescu



Thank You for Your Attention

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