

# Joint Information Day



## CEGH and AGGM Vienna, 28 November 2018



# Joint Information Day



## Agenda

- **Welcome, Opening Words**
- Update CEGH VTP:  
New Gas Storage Marketing Platform, REMIT Platform
- PEGAS CEGH Gas Markets AT and CZ
- BREXIT
- Relaunch CEGH Website
- AGGM
- Feedback Session / Q&A
- Invitation to Mulled Wine Booth (Palais Coburg)

# CEGH Volume Development 2018

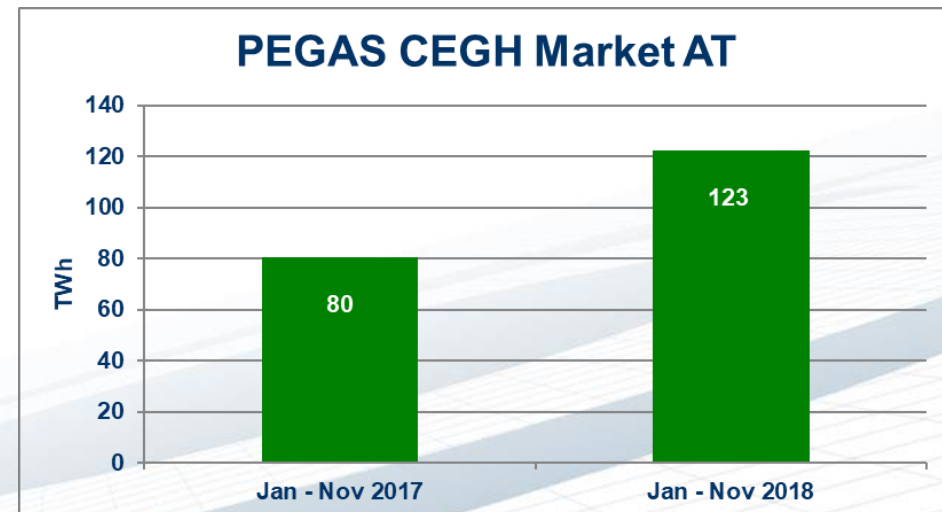
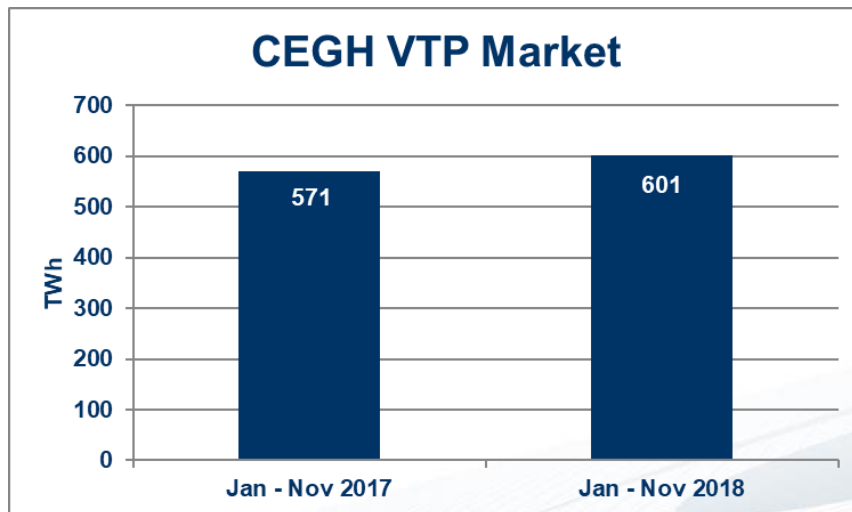


## CEGH VTP\*):

1 - 11 / 2018: app. 601 TWh  
(y-t-y: **+5.4%**)

## PEGAS CEGH Gas Market\*):

1 - 11 / 2018: app. 123 TWh  
(y-t-y: **+52.6%**)



\*) November calculated as forecast

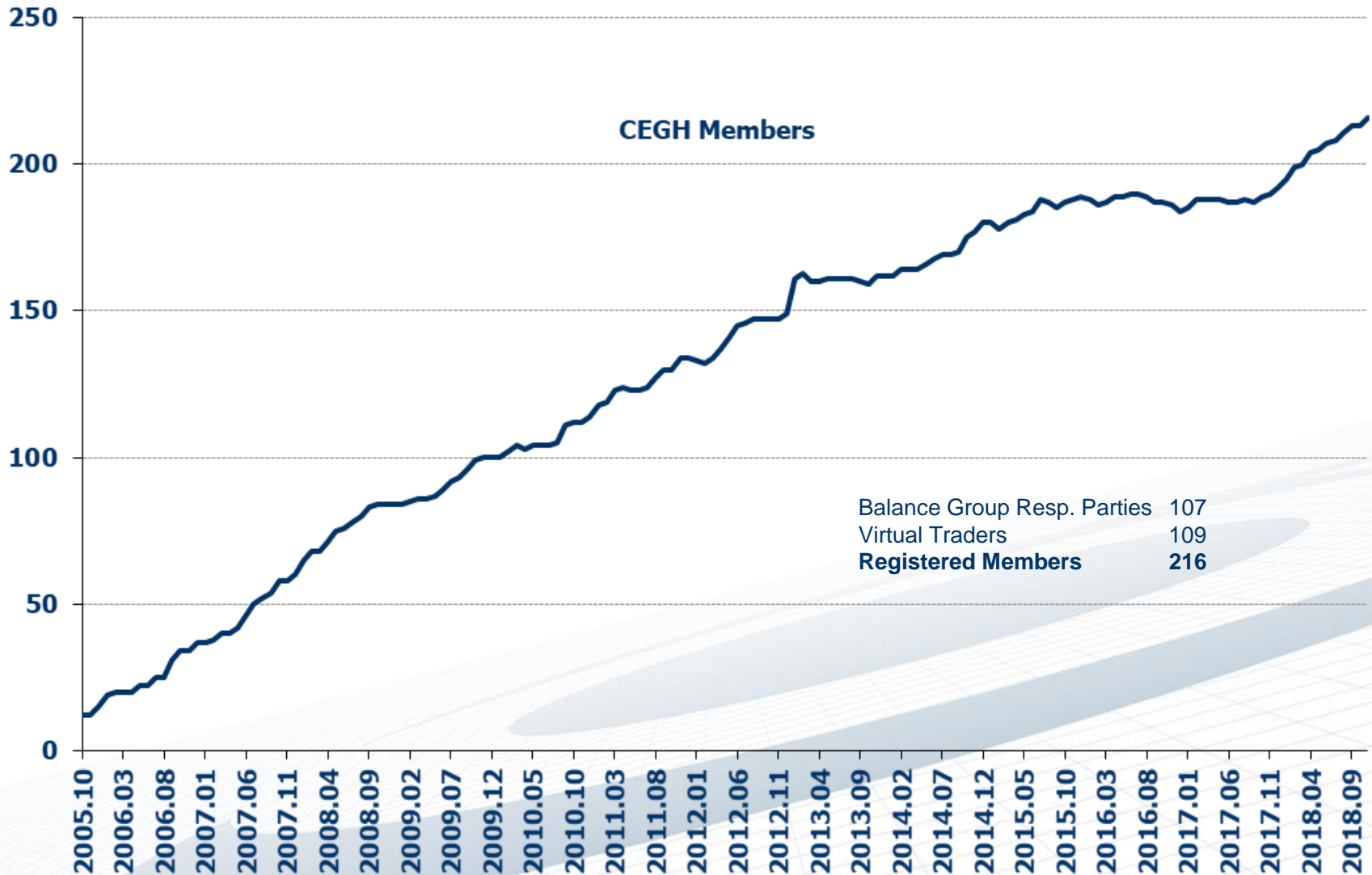
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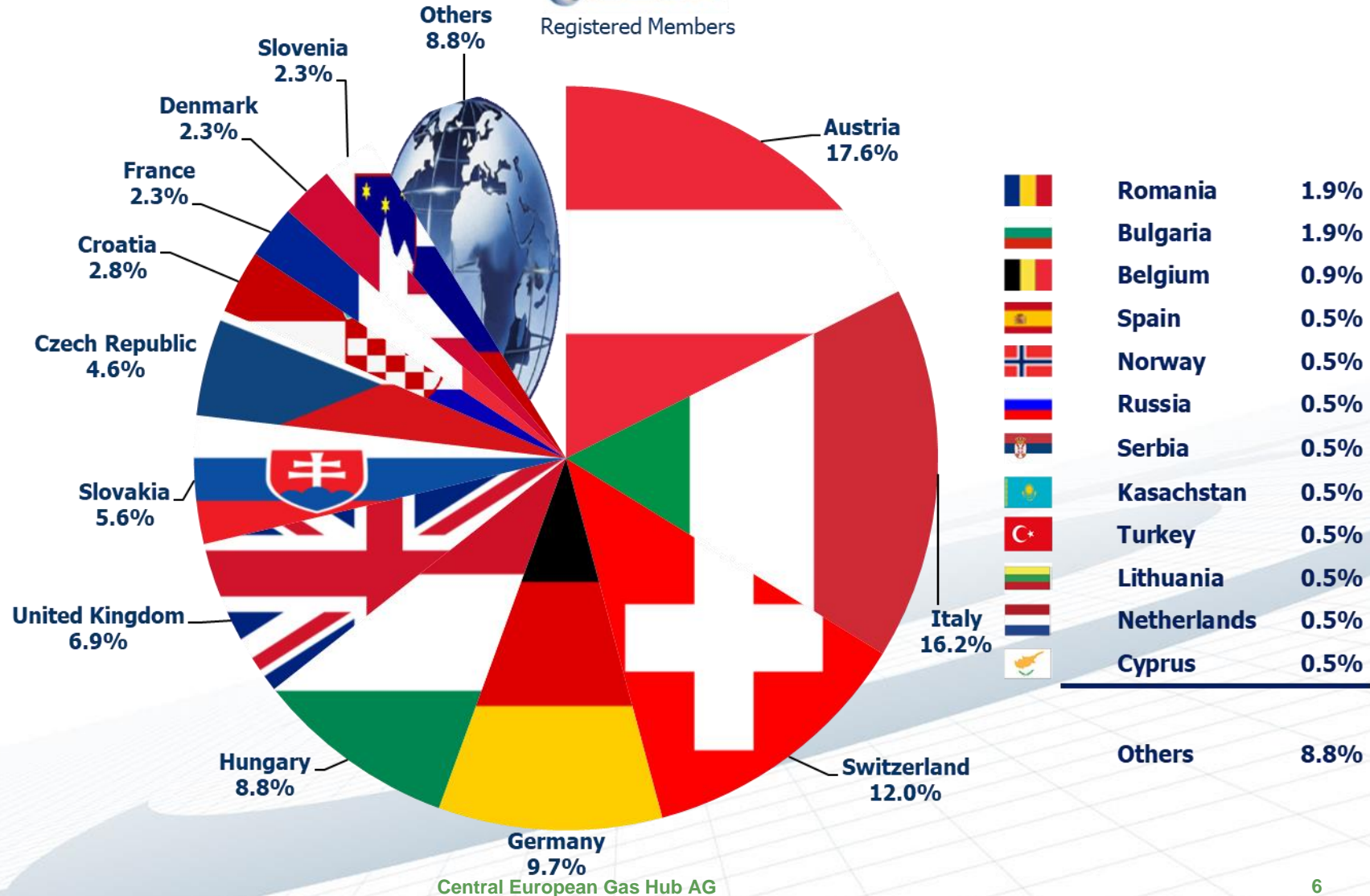
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# CEGH - Development of VTP Trading Registered Members

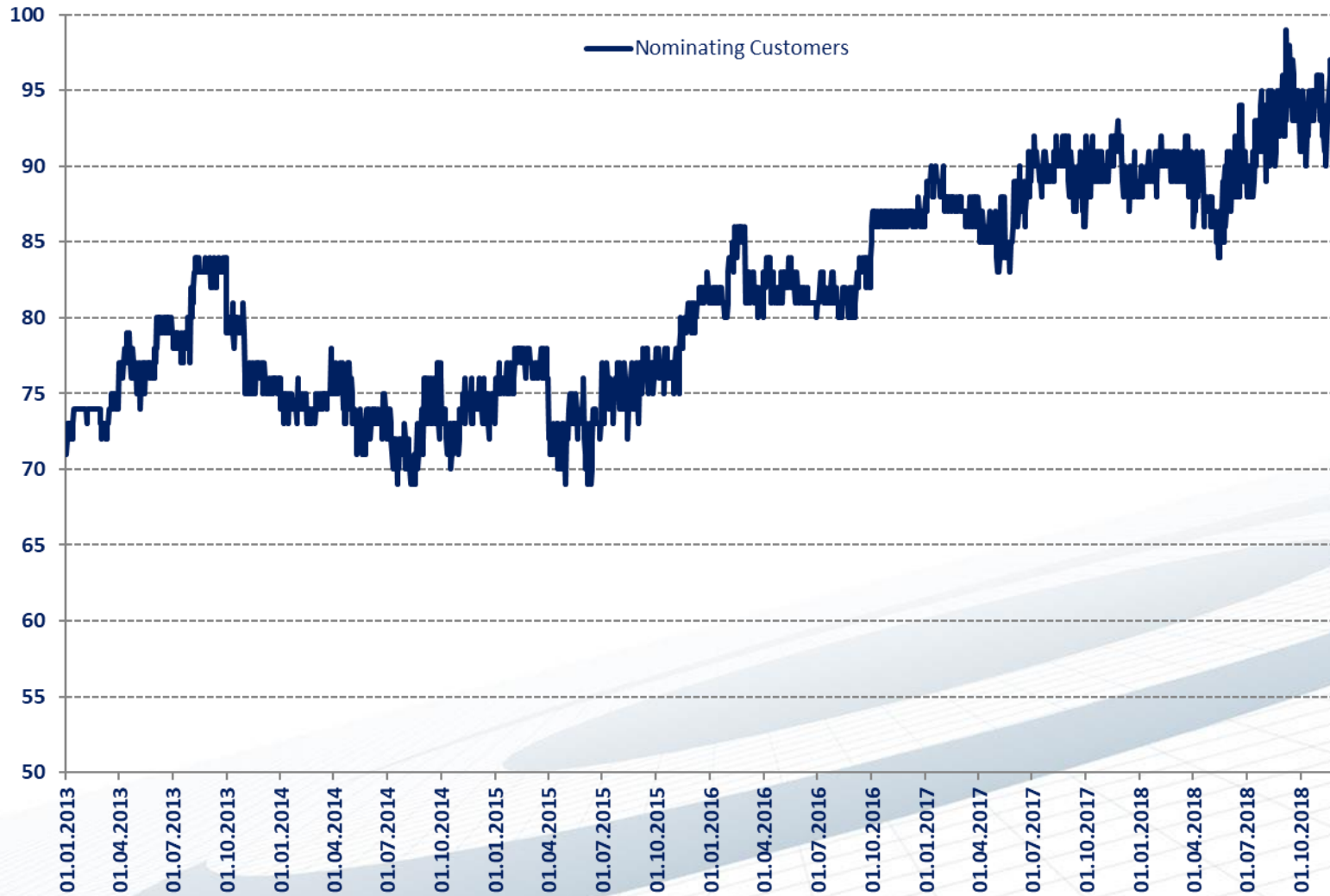


# CEGH - Development of VTP Trading

## Diversity of Registered Members



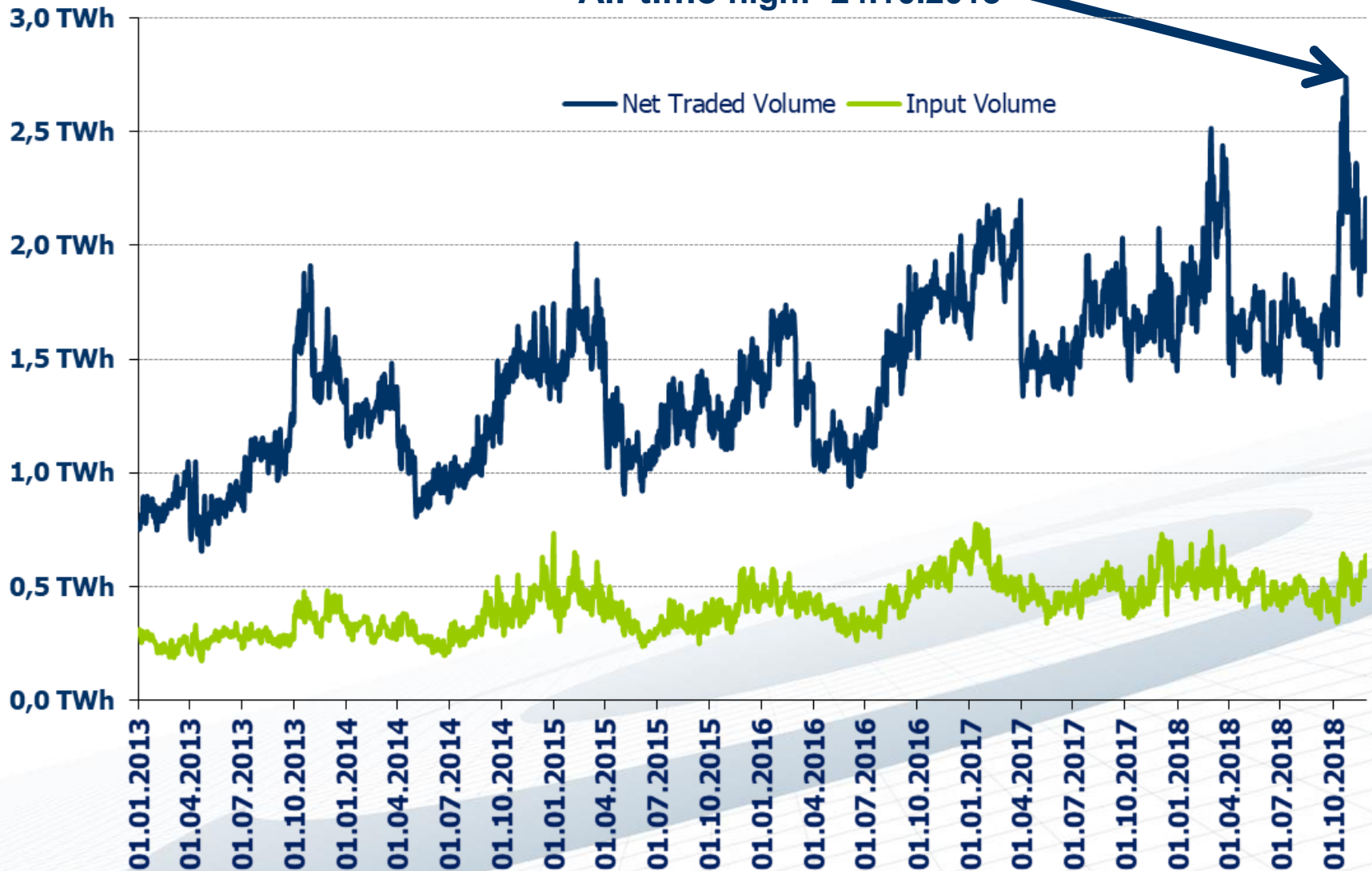
# CEGH VTP: Nominating Customers on daily basis since 2013



# CEGH VTP: Daily Net Traded Volume since Jan 2013

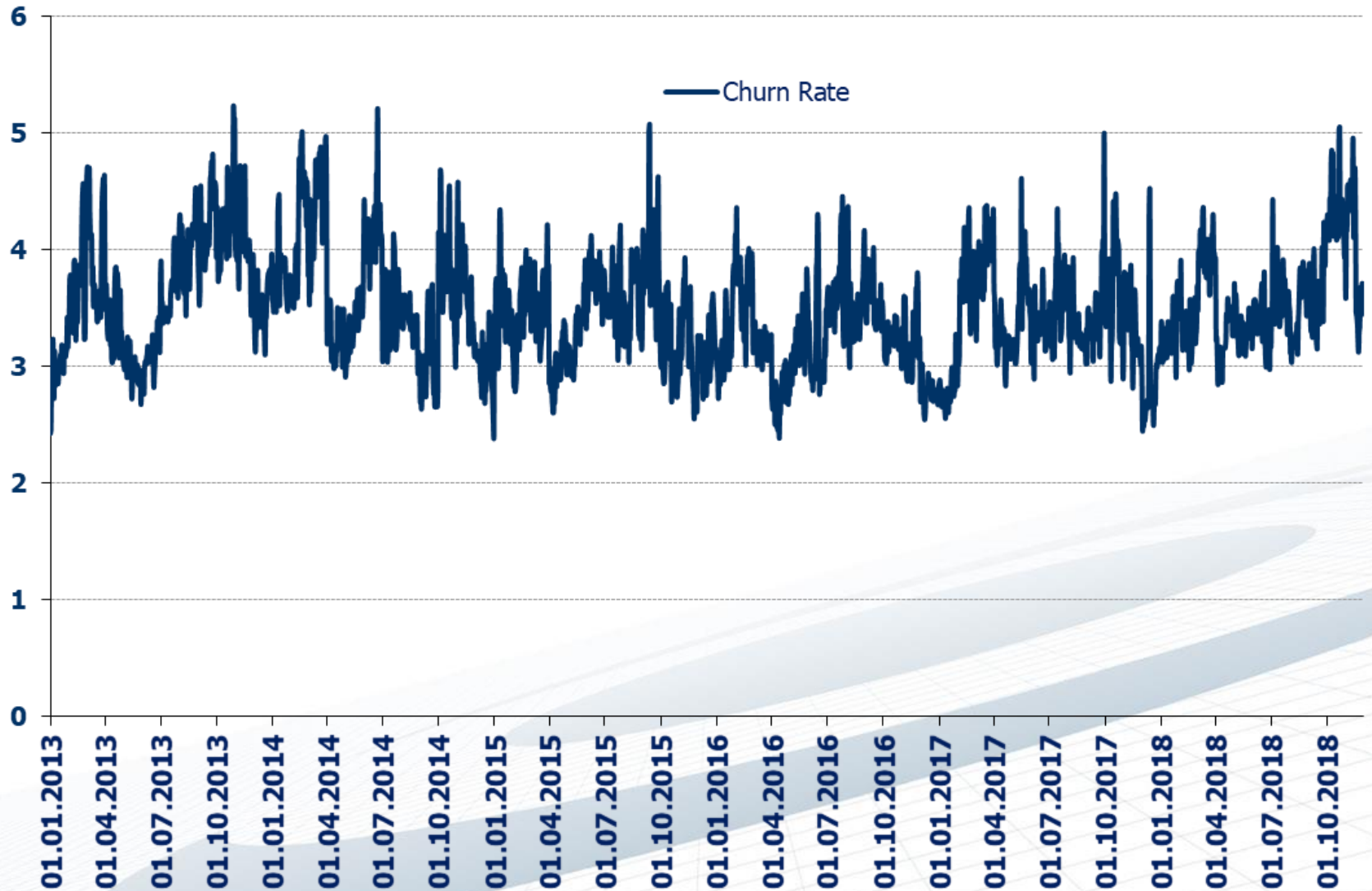


All-time high: 24.10.2018

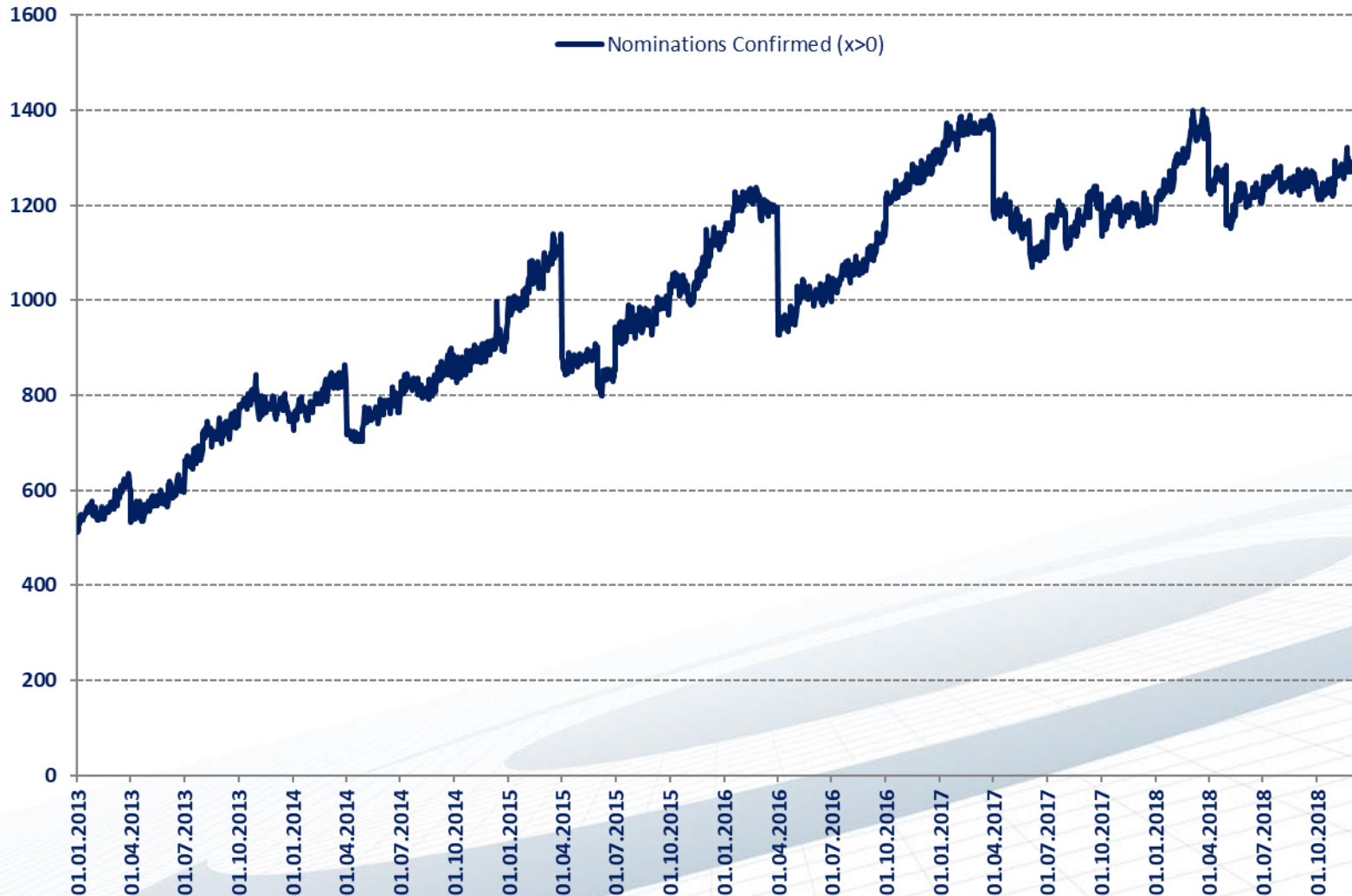




# CEGH VTP: Daily Churn Rate since Jan 2013



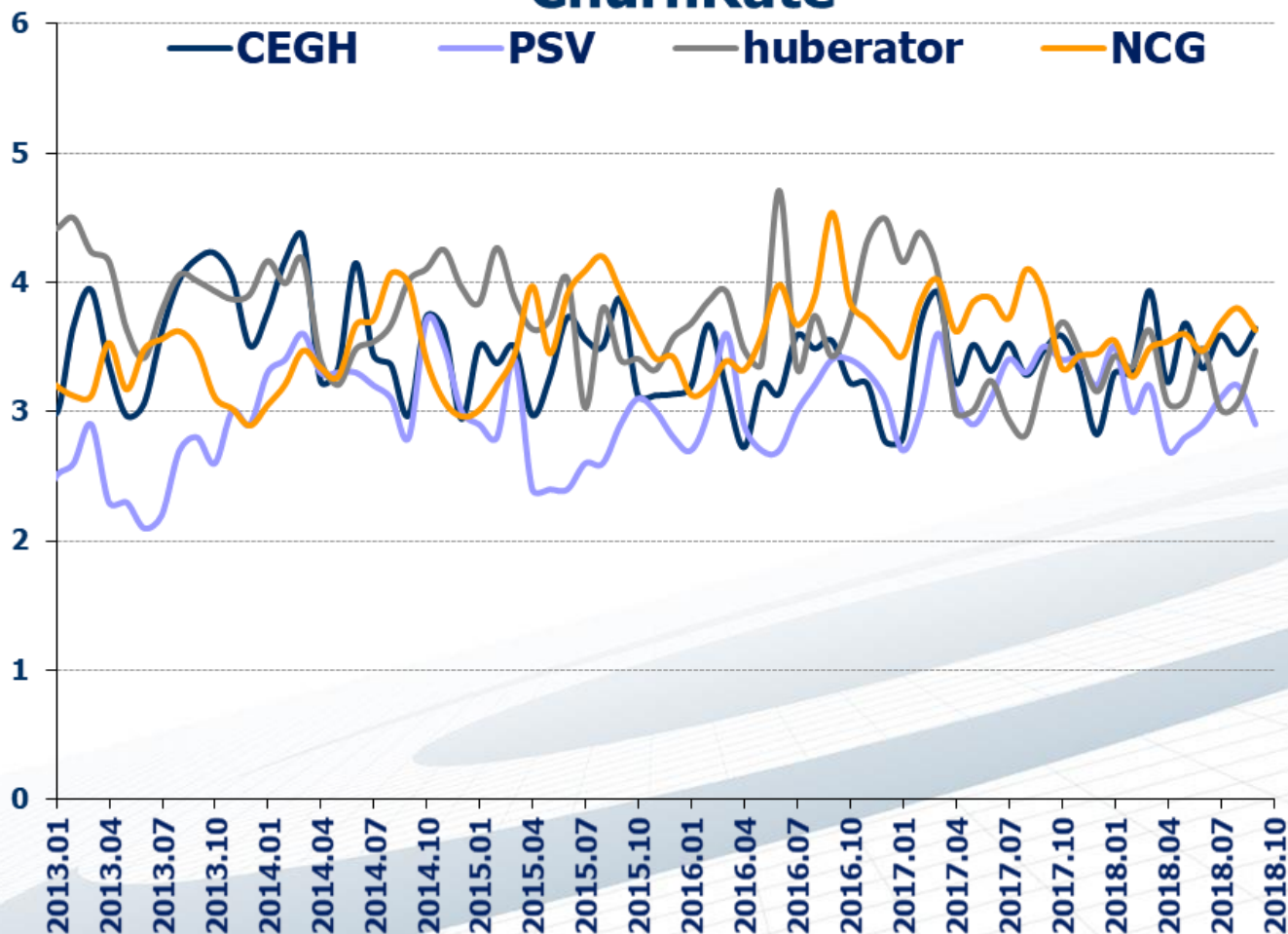
# CEGH VTP: Daily Nominations since Jan 2013



# Continental European Gas Hubs Churn Rate since Jan 2013



## Continental European Gas Hubs - ChurnRate



# NEW CEGH Gas Storage Marketing Platform

# Added value for Gas Storages



- Security of Supply
- Additional opportunities and flexibility for gas traders
- For more than 50 years important part of the Gas Market
- System and insurance significance for grid and network users
- ~8.3 bcm storage capacity in Austria and additionally high storage capacity available in neighboring countries
- CEGH VTP and gas storages benefit from each other
- Cooperation between CEGH and gas storages significantly supports market development (e.g. Wheeling Service in the past)

# CEGH Gas Storage Marketing Platform



- CEGH is offering a Gas Storage Marketing Platform to Gas Storage Operators for marketing their capacities.
- Gas Storage Operators can publish their free capacities and storage customers can place their bids via the CEGH Gas Storage Marketing Platform.
- The allocation of the capacity is done by the Gas Storage Operators.

The screenshot displays the CEGH Gas Storage Marketing Platform interface. At the top, the CEGH logo and 'GAS STORAGE MARKETING PLATFORM' text are visible, along with navigation links for 'Overview' and 'Registration'. A filter sidebar on the left includes fields for 'Company', 'Storage', and 'Status' (with checkboxes for Open, Closed, Published, and Cancelled), and 'Offer ID', 'Publication date', and 'Bidding period' ranges. The main content area features a prominent orange banner stating 'OPEN FOR BIDDING IN 7 DAYS, 17 HOURS, 3 MINUTES'. Below this, the details for 'OMV Gas Storage GmbH' are shown, including its logo and 'OMV Storage-Pool VTP' designation. A table displays key metrics: 'WORKING GAS VOLUME' (17.000 MWh), 'INJECTION RATE' (8 MWh/h), and 'WITHDRAWAL RATE' (12 MWh/h), all marked as 'FIRM'. Additional details include Offer ID: 307, Bidding period: 29.11.2018 10:00 - 29.11.2018 15:00, Publication date: 08.11.2018 14:00, Quantity: 100 Bundles, Pricing: € / Bundle / month, and Service period: 01.04.2019 06:00 - 01.04.2020 06:00. A pagination control shows '1' of 1 items.

# CEGH Gas Storage Marketing Platform



- One platform with easy market access to all market participants for placing offers and bids
- Easy participation for every interested company
- Free of charge for customers of Storage Operators

**CREATE OFFER**

**1. Basic Information**

Publication Date (Format: dd.mm.yyyy HH:mm)

Bidding period (Format: dd.mm.yyyy HH:mm)  
 to

Notice (optional)

**2. Product Details**

Storage (To add, edit or delete a storage you can use the storage administration.)  
 Demo Storage 1

Service period (Format: dd.mm.yyyy)  
 06:00 to  06:00

Product type

**3. Documents**

Please upload the document(s) as a PDF-file (max. 5 MB file size).

**4. Price Details**

Bid price

Currency	Unit	Time period
€	<input type="text"/>	runtime <input type="text"/>

**15 HOURS, 9 MINUTES LEFT TO BID**

**Storage Operator 1**  
 Demo Storage 1

Notice

# Offer ID: 1

Bidding period: 21.11.2018 00:00 - 22.11.2018 00:00

Publication date: 20.11.2018 00:00

Quantity: 100,000 Bundles

Pricing: € / Bundle / runtime

Service period: 01.04.2019 06:00 - 01.04.2020 06:00

INJECTION RATE	WORKING GAS VOLUME	WITHDRAWAL
FIRM 10,000 MWh/h 01.04.19 06:00 - 01.04.20 06:00	FIRM 10,000 MWh 01.04.19 06:00 - 01.04.20 06:00	FIRM 10,000 M 01.04.19 06:00 - 01.04.20 06:00

**PLACE A BID**

Requested number of Bundles  Bundles Minimum accepted number of Bundles (optional)

Price  €/Bundle/runtime

Notice (optional)

I have read the [Terms of Use / Data Protection](#) of the Platform and accept them.

**PLACED BIDS**

Bid ID	Bidder	Date	Requested number of Bundles
No bids were submitted.			

# CEGH Gas Storage Marketing Platform



- **Storage Operators** are
  - publishing free capacity
  - informing all CEGH customers and registered platform users by using the platform
  - collecting bids
  - the contact for all product related questions
  
- **Platform Users** can
  - register for publication alerts via email
  - register as platform users for the possibility to place bids
  
- **CEGH** is
  - operator of the CEGH Gas Storage Marketing Platform
  - providing technical support for customers
  - not able to access placed offers or any commercial data

The allocation of the capacity and the conclusion of a contract is subject to discretion of the storage operator.



# CEGH Gas Storage Marketing Platform



- CEGH is inviting everyone (i.e. Storage Operators & market participants) to participate
- CEGH is happy to receive feedback for further improving and developing the platform
- CEGH is looking for input on additional features (e.g. market for secondary capacity)

# Updated CEGH REMIT Platform

# CEGH REMIT Platform: Update



[RSS](#) | [Publication Alert](#) | [Login](#) | [Register](#)

## CEGH REMIT platform for publication of inside information

This platform enables market participants to publish inside information according to REMIT Regulation (EU\*No. 1227/2011).

Since the CEGH REMIT Platform is endorsed by E-Control Austria, inside information can be published via the CEGH REMIT Platform in an effective manner. The use of the CEGH REMIT Platform is free of charge. For detailed information please refer to the ["Terms of Use"](#)

[HOME - POSTINGS](#)

[DETAIL SEARCH](#)

Search ...

- Available 24/7
- Free of charge plus publication alert / RSS feed subscription
- Contents open to the public
- AGGM and GCA will publish on CEGH REMIT platform as of 01.12.2018
- Main source of information in the Austrian Market Area
- Posting only for registered users
- Postings fulfil legal obligation to publish insider information acc. to REMIT Art. 4
- Platform meets all ACER requirements (incl. automatic ACER feed)
- Recommended by Austria's Energy Regulator E-Control

[Terms of Use](#) | [Imprint](#) | [Contact](#) | [Manual](#)

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# CEGH REMIT Platform: Templates



HOME - POSTINGS CREATE POSTING DETAIL S **1.** ADMINISTRATION Search ...

## Templates

**2.** Add Delete Copy

Template name ▾  
Prepared Template #1  
Prepared Template #2

1

**General information**

Template name \*  
Information type: Unavailabilities of gas facilities  
Event type  
Unavailability type  
Reason  
Remarks: **B I U S**

**Affected assets/units**

Asset/Unit \*  
(Asset/Unit administration)  
 VTP CEGH (21Y0000000000009E)  
(Zone administration)  
Capacity unit  
Unavailable capacity  
Available capacity  
Technical capacity

Remove Asset/Unit

Add Asset/Unit

Save

Edit, delete or copy existing templates

Wildcards can be used here

- [INFORMATION\_TYPE]
- [EVENT\_TYPE]
- [UNAVAILABILITY\_TYPE]
- [FUEL\_TYPE]
- [VALID\_FROM]
- [VALID\_UNTIL]
- [VALID\_FROM\_DATE]
- [VALID\_UNTIL\_DATE]

# CEGH REMIT Platform: Wildcards



## Create Posting

### Template

Template  ▼  
(Template administration)

### General information

Information type \*  ▼

Event type \*  ▼

Unavailability type \*  ▼

Time zone \*

Validity period \*  to   
(e.g.: 01.01.2018 06:00)

Reason \*

Remarks **B I U S**

from  till

## Available Wildcards:

- [[INFORMATION\_TYPE]]
- [[EVENT\_TYPE]]
- [[UNAVAILABILITY\_TYPE]]
- [[FUEL\_TYPE]]
- [[VALID\_FROM]]
- [[VALID\_UNTIL]]
- [[VALID\_FROM\_DATE]]
- [[VALID\_UNTIL\_DATE]]

**Preview**

Platform Message ID:	not posted	<b>Unavailabilities of gas facilities</b>
Publication date:	not posted	<input type="checkbox"/> not posted
Status:	not posted	
Market-Participant:		Information Type: Unavailabilities of gas facilities
Market-Participant-Code:	21X000000001062J	Event-Type: Injection unavailability
		Unavailability Type: planned
Event Start:	06.11.2018 00:00 CET	<b>Unavailabilities of gas facilities</b> from <b>06.11.2018 00:00 CET</b> till <b>12.11.2018 00:00 CET</b> .
Event Stop:	12.11.2018 00:00 CET	
<b>Affected assets/units</b>		
ACER Message ID	Asset/Unit:	VTP CEGH (21Y0000000000009E)
not posted	Balancing zone(s):	VTP CEGH (21Y0000000000009E)
	Unavailable capacity:	1 KWh/d
	Available capacity:	1 KWh/d
	Technical capacity:	1 KWh/d

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## PEGAS CEGH Gas Markets

# One Platform for one European Gas Market: Product offer



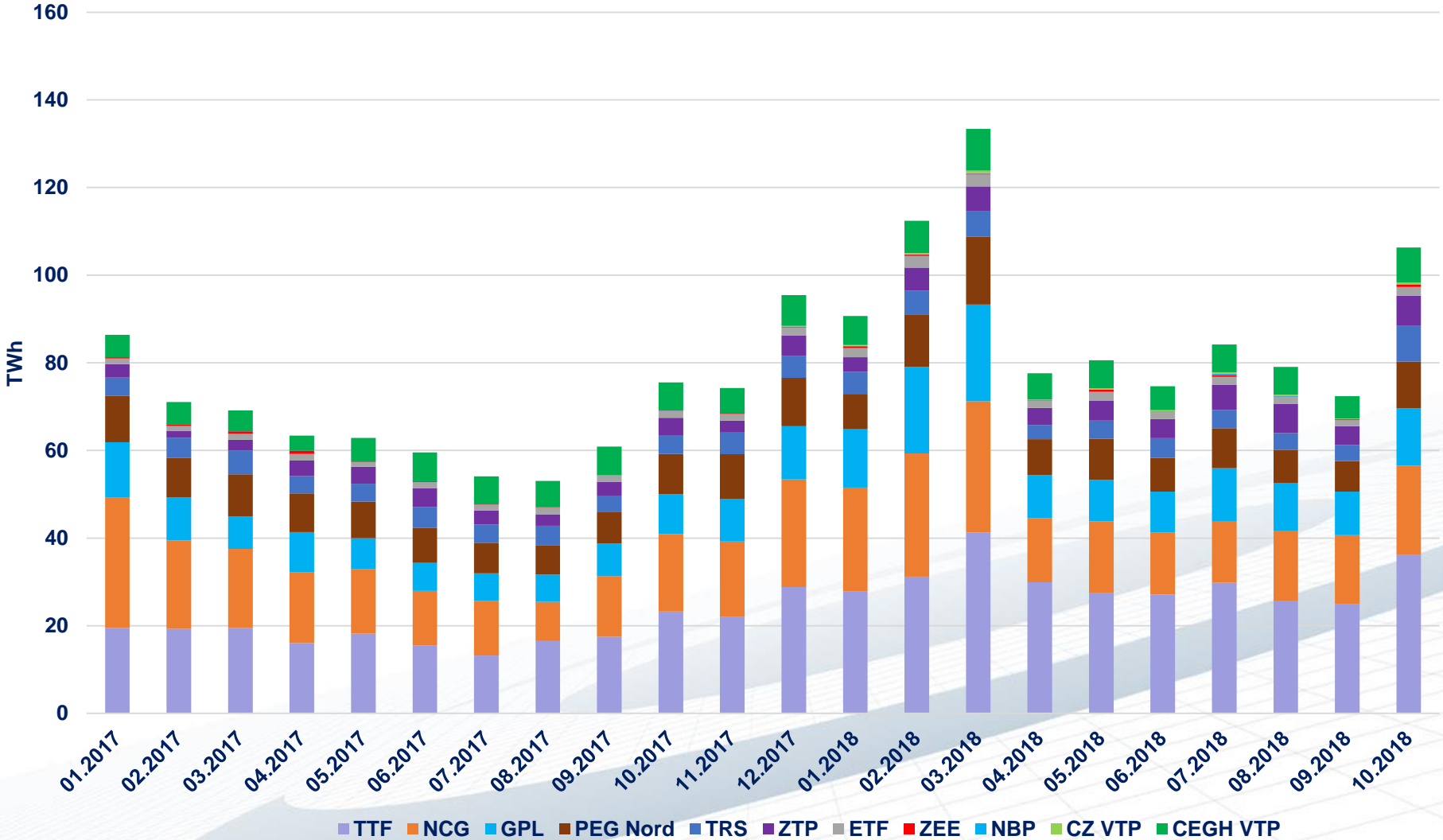
- PEGAS is the central gas trading platform of EEX Group operated by Powernext, providing its members with access to all contracts in the Austrian, Belgian, Czech, Danish, Dutch, French, German, Italian and UK market areas
- PEGAS covers spot and derivatives contracts for the major European gas Hubs as well as trading in location spread products between these market areas
- This setup enables market harmonisation and forms the preferred pan European natural gas market



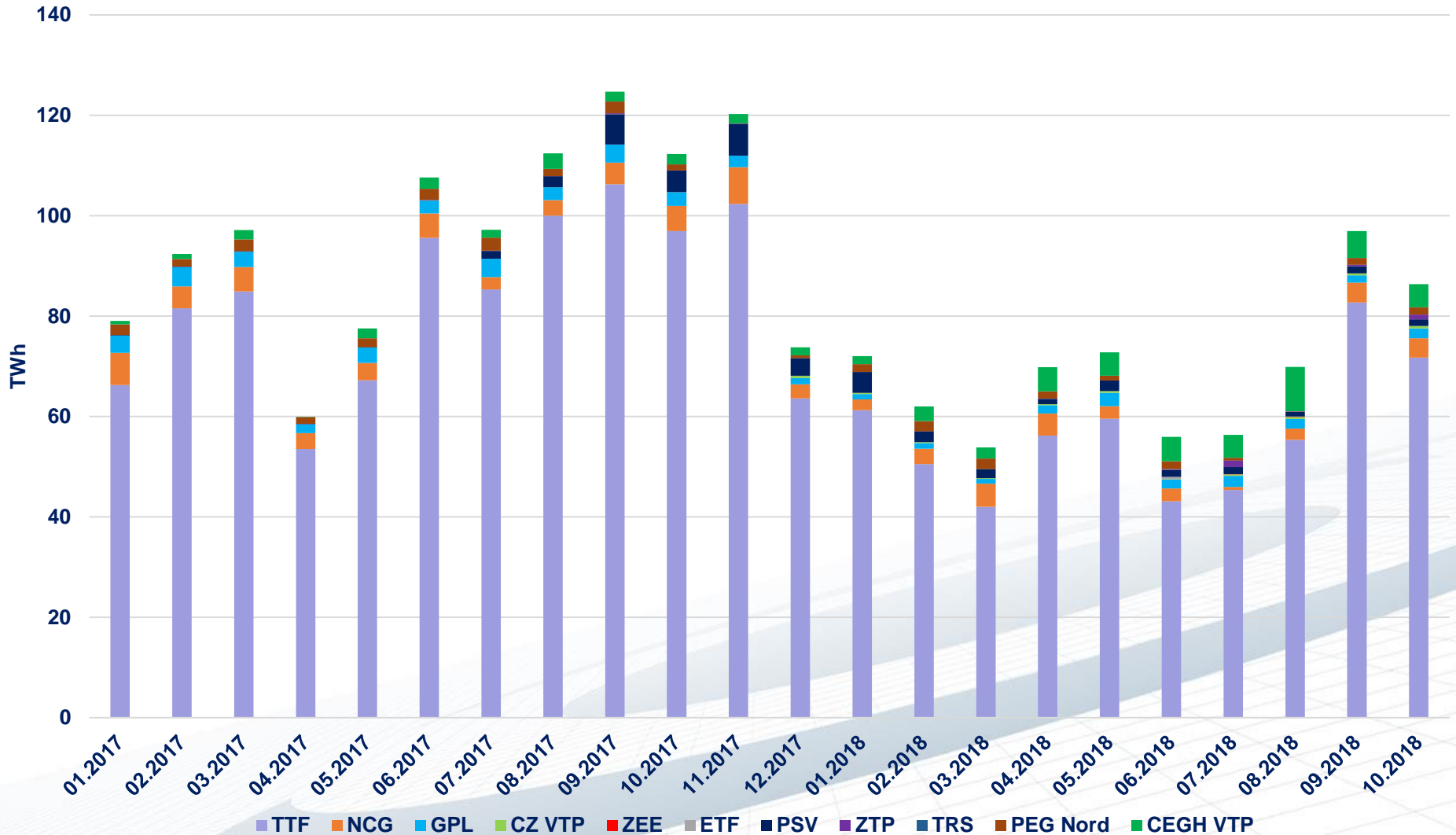
11 hubs in 8 countries



# PEGAS Volume development – Spot overview



# PEGAS Volume development – Futures overview



# Detailed Products and Services Offering



## Spot markets

- Hourly
- Within-Day
- Day-Ahead
- Weekend
- Saturday
- Sunday
- Individual Days

## Futures regulated markets

- Next 6 Months
- Next 7 Quarters
- Next 6 Seasons
- Next 6 Calendar years

## OTF markets

- Next 6 Months
- Next 7 Quarters
- Next 6 Seasons
- Next 6 Calendar years

**Locational Spreads trading facility with TTF, GPL, NCG, PSV and CZ VTP**

## Time Spreads

### Trade registration for futures contracts

Bilateral trade clearing at ECC through STP or OTC Web platform

### Data and indices

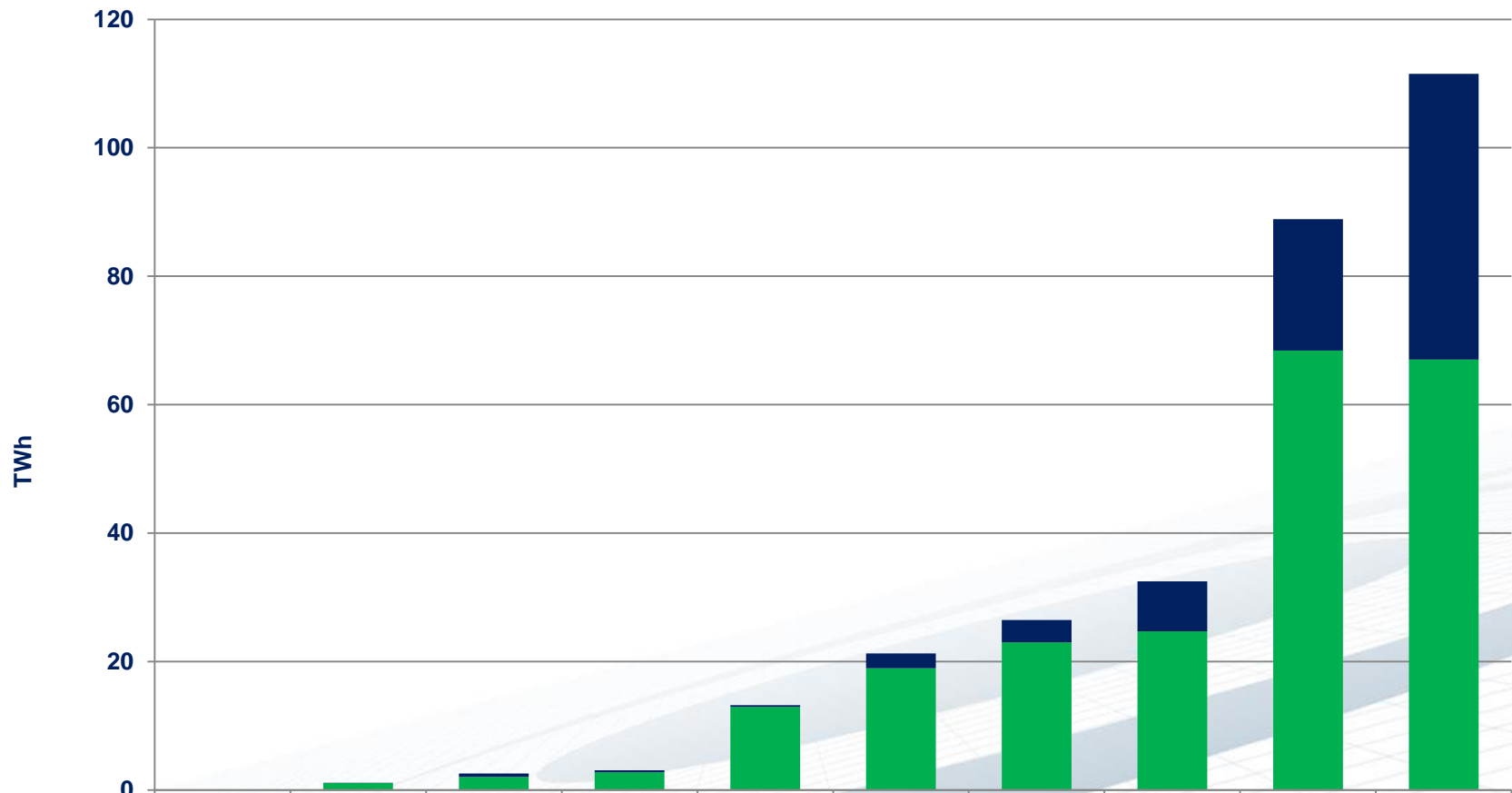
All customers have free access to EEX ftp and PEGAS tools

CEGHIX, CEGHEDI, 1<sup>st</sup> FM, 1<sup>st</sup> FQ and 1<sup>st</sup> FM Reference Index are published on the CEGH website

# PEGAS and CEGH – Locational Spread products



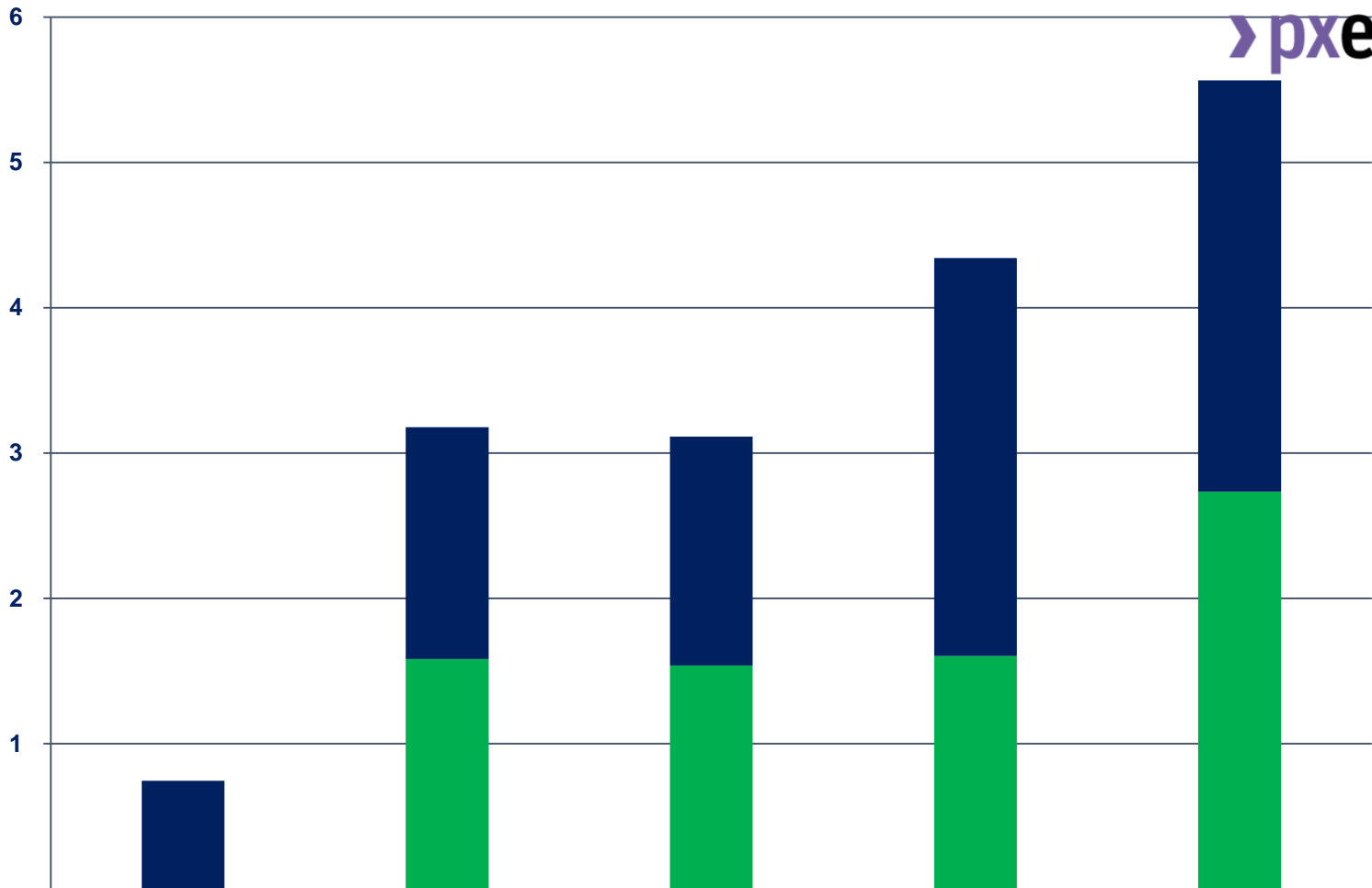
# PEGAS CEGH Austrian Gas Market \*: Yearly Trading Volume since 2009



	2009	2010	2011	2012	2013	2014	2015	2016	2017	01.2018-10.2018
<b>■ Futures Market</b>	0	52 080	525 150	296 910	301 170	2 317 190	3 510 900	7 761 580	20 466 813	44 493 680
<b>■ Spot Market</b>	8 640	1 061 160	2 016 290	2 761 020	12 917 736	18 944 252	22 964 499	24 715 422	68 432 929	67 021 077

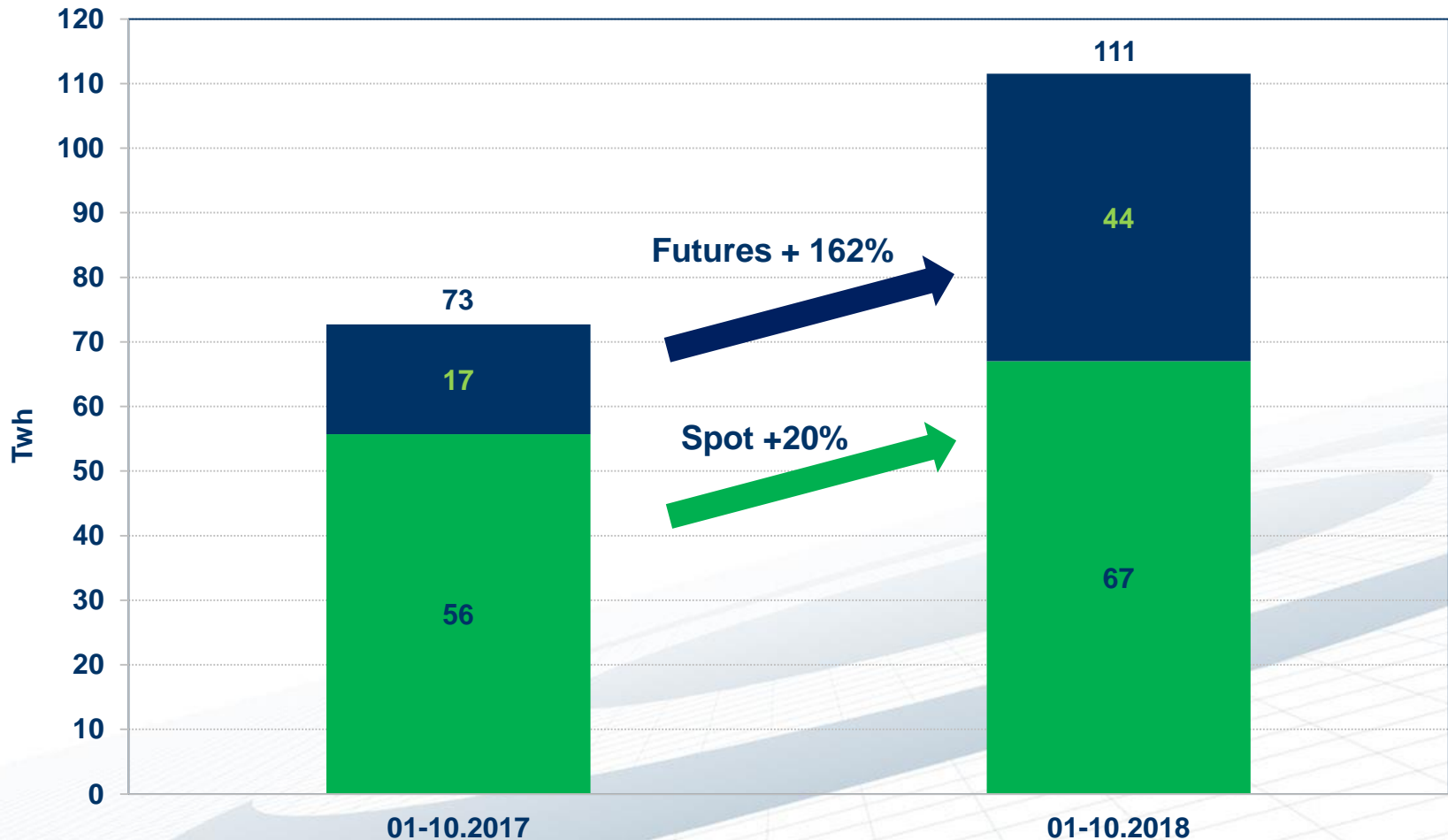
\*up to Nov 2016: CEGH Gas Exchange of Wiener Boerse

# PEGAS CEGH Czech Gas Market: Yearly Trading Volume since 2014

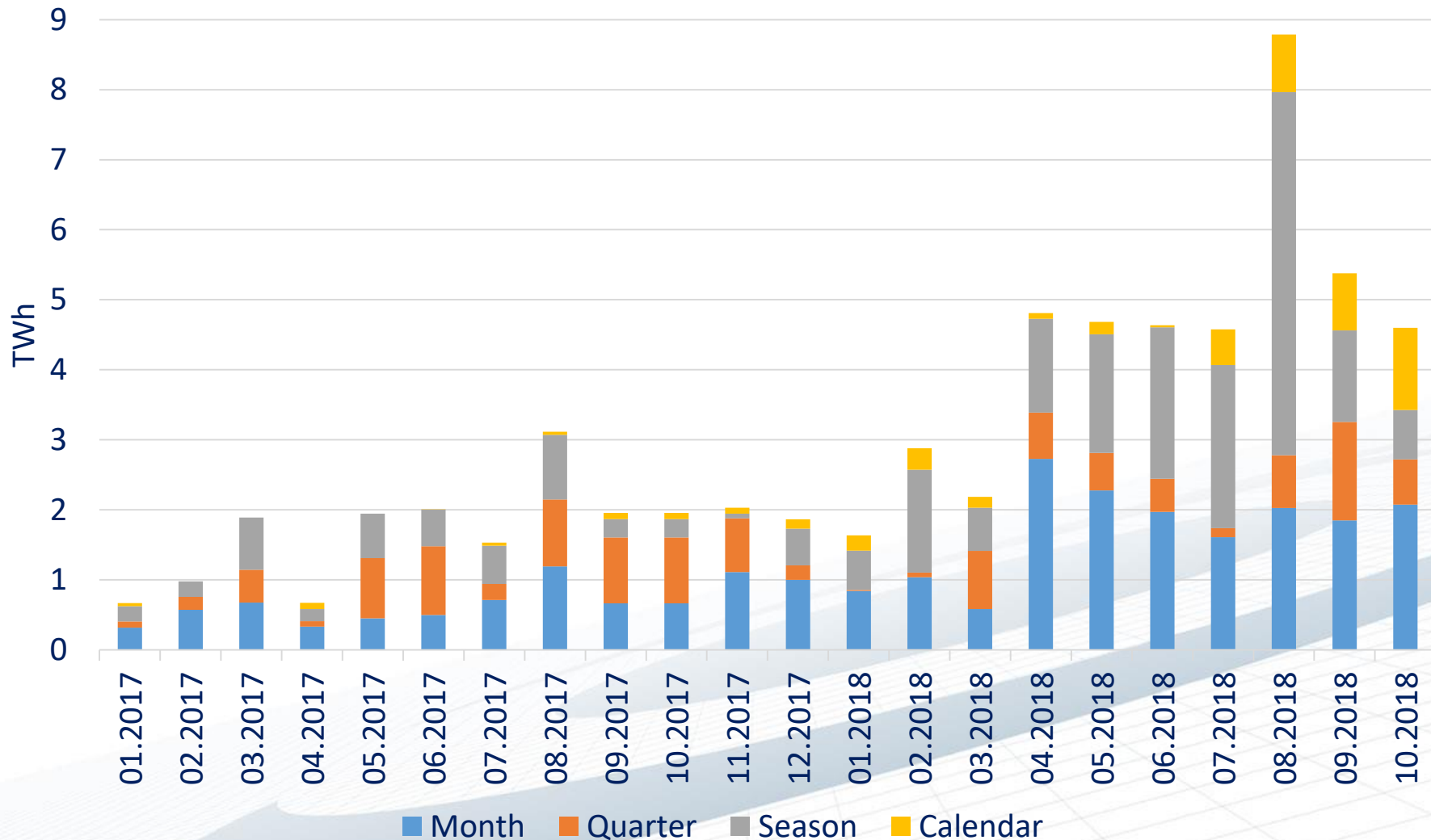


	2014	2015	2016	2017	01.2018-10.2018
<b>Futures Market</b>	745 080	1 593 757	1 574 601	2 736 787	2 829 463
<b>Spot Market</b>	-	1 584 050	1 538 496	1 604 244	2 734 293

# PEGAS CEGH Austrian Gas Market: Spot and Future Growth 1- 10 / 2017 vs 2018



# PEGAS CEGH Austrian Gas Market: Monthly Trading Volume since Dec 2009

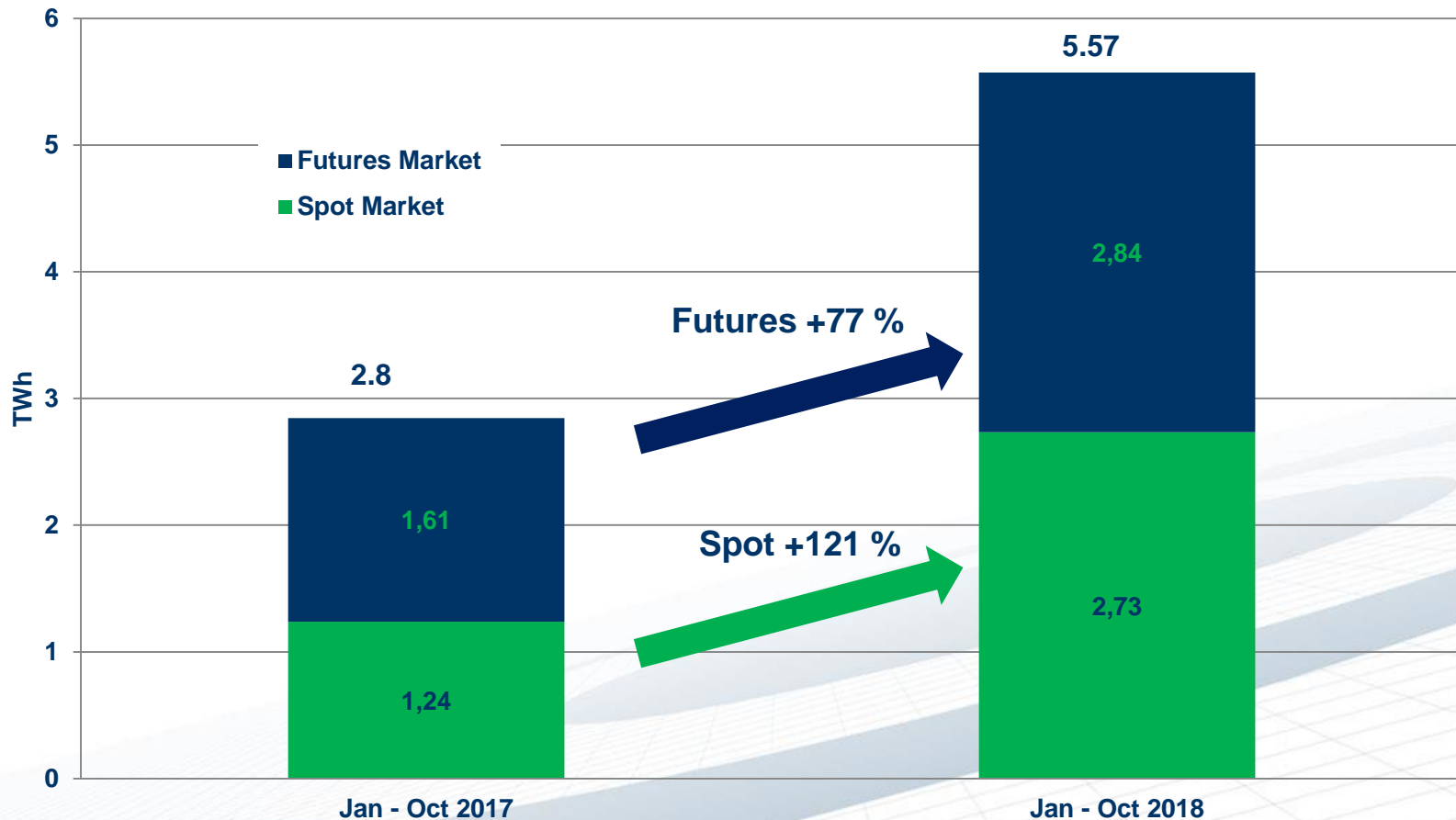




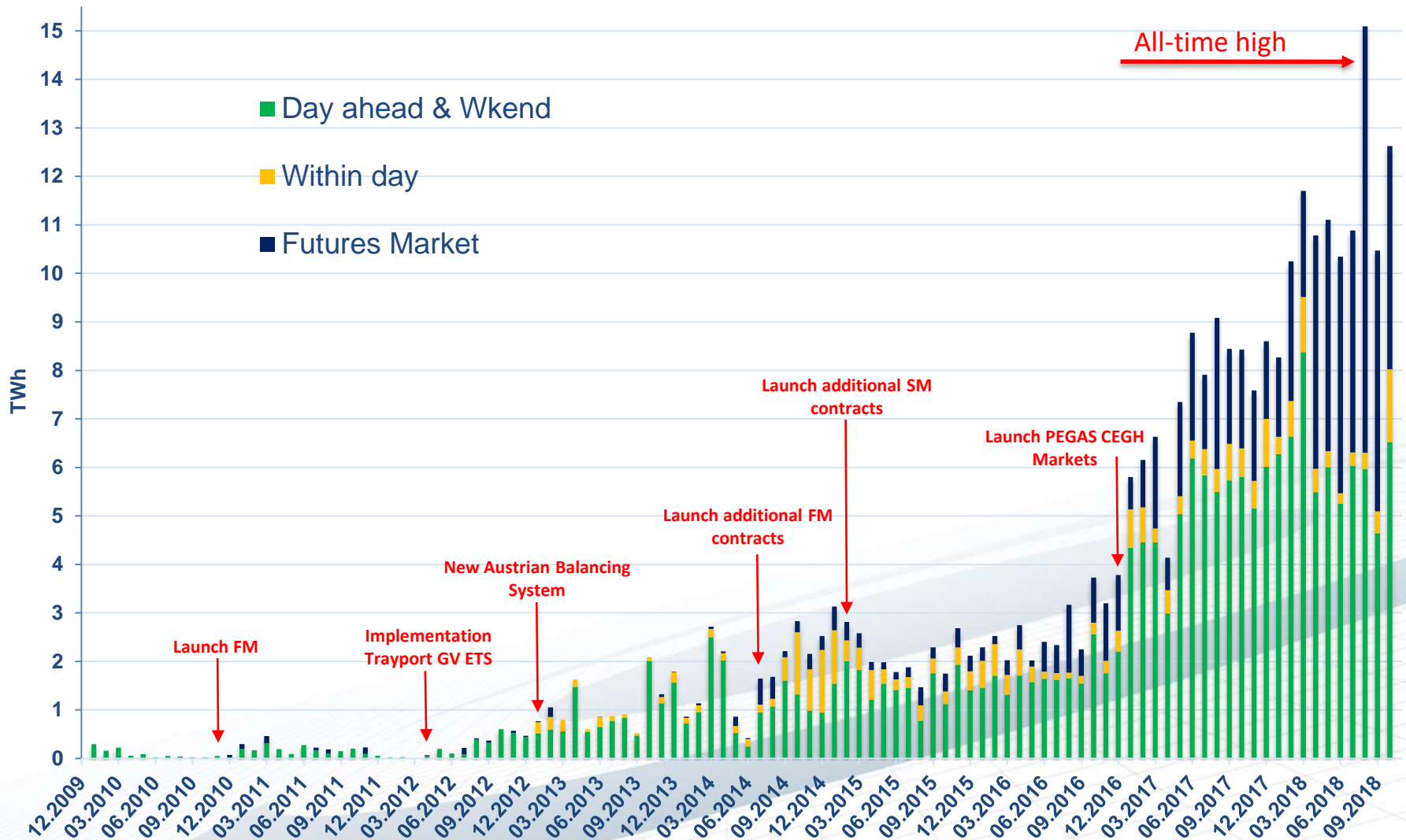
# PEGAS CEGH Czech Gas Market : Spot and Future Growth 1- 10 / 2017 vs 2018



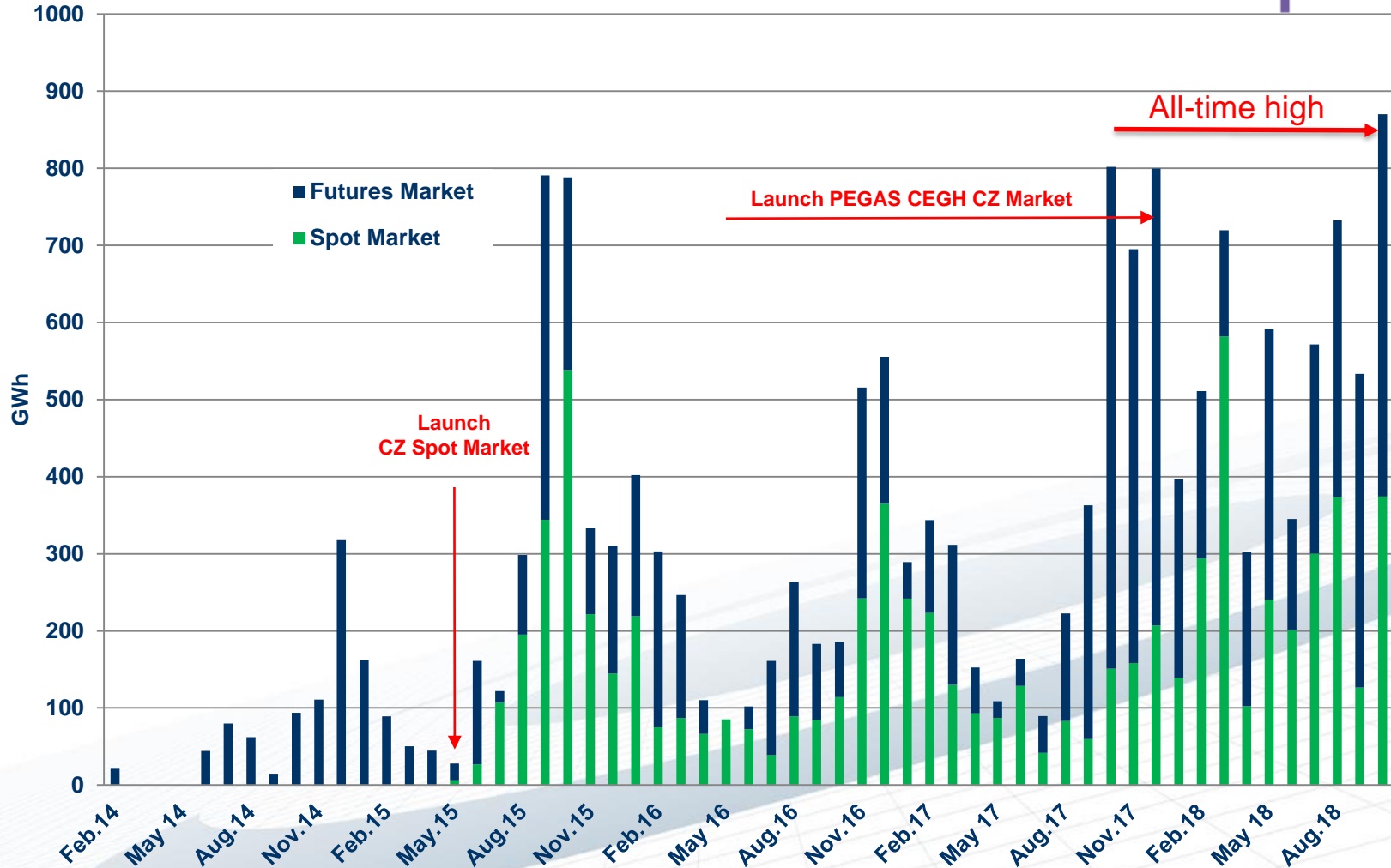
Total Volume Development



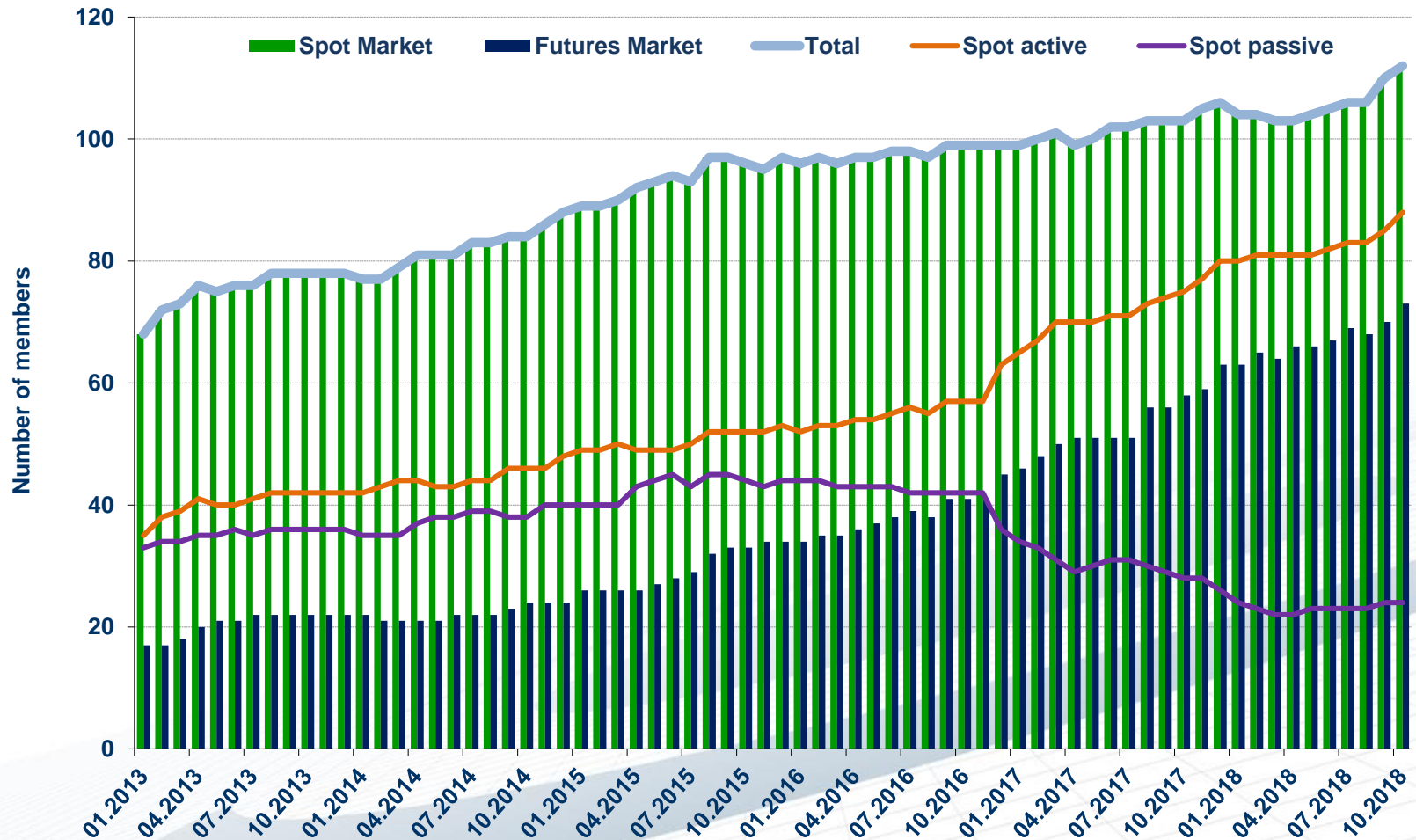
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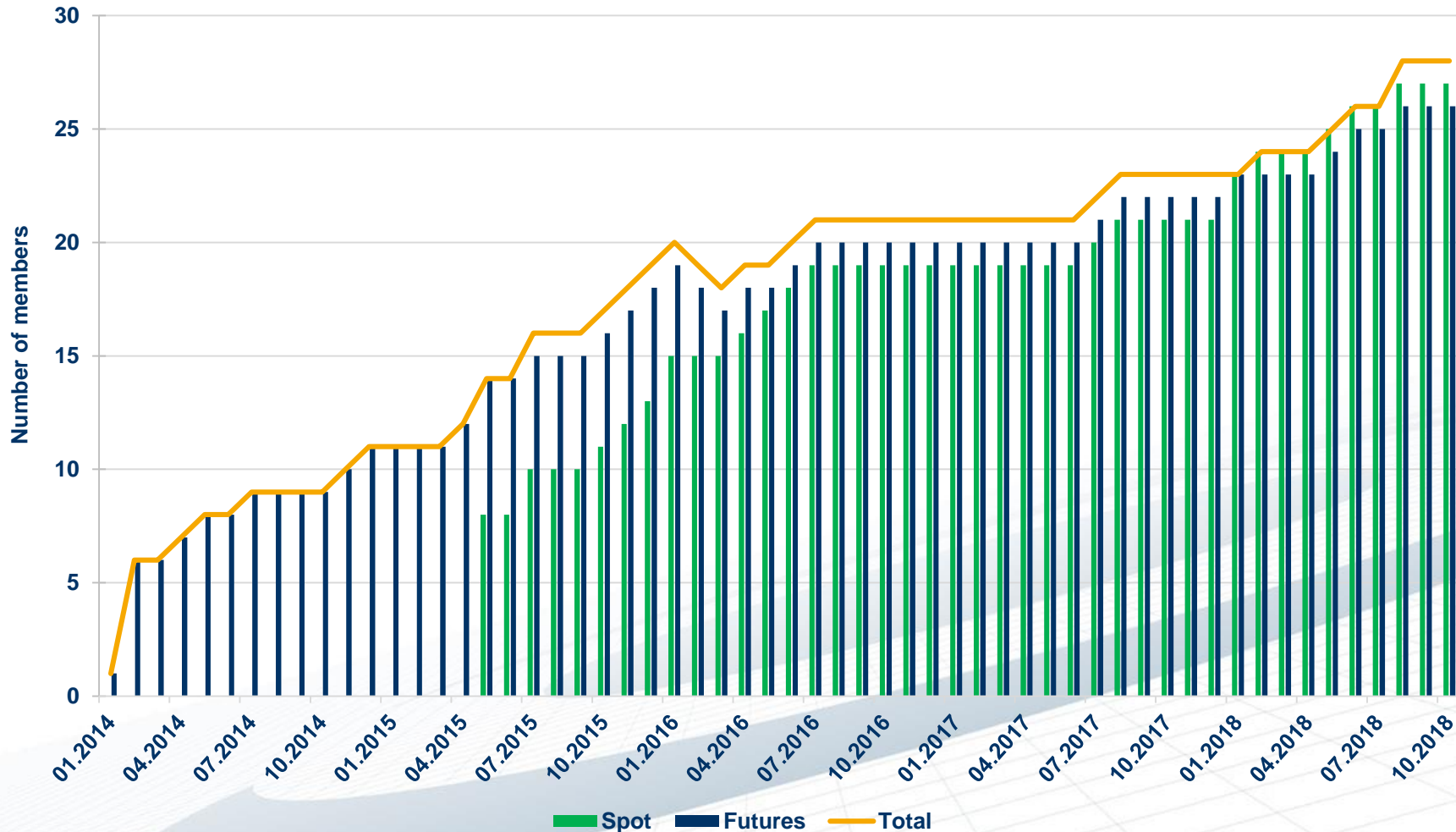
# PEGAS CEGH Czech Market: Monthly Trading Volume since Feb 2014



# PEGAS CEGH Austrian Gas Market: Development of the Members since 2013



# PEGAS CEGH Czech Gas Market: Development of Members since 2014



# 200,000 hours



From a small seed  
a mighty trunk may grow.

Aeschylus



Thank you!



WHO'S AWESOME?

You're awesome!

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## BREXIT Impact on CEGH Members

# BREXIT Background



Requirements for Balance Group Group Responsible Parties at the CEGH-VTP:

According to the Austrian Gas Act 2011 (Art. 90 Par. 3), Balance Group Responsible Parties (BGRPs) must have their seat in

- Austria; or
- any other EU Member State; or
- an EEA Member State; or
- in a country with a related agreement (e.g. Switzerland)

# BREXIT Consequences



- Since both the legal relationship of the United Kingdom with the EU after a BREXIT and the future legal requirements in Austria are unclear, it cannot be assessed today whether or not UK-based BGRPs will then meet the requirements under the Austrian Gas Act.
- If the respective requirement of the Austrian Gas Act is not fulfilled, it is to be expected that Energie Control Austria might withdraw the relevant BGRP Licenses.
- Following the withdrawal of a BGRP License, physical trading in the Austrian Market Area East (including Entry / Exit, transportation capacity booking / usage) would no longer be possible.

# After - BREXIT Options



UK-based BGRPs have the following options:

- Use a new company / subsidiary within Austria, any other EU Member State, an EEA Member State or in a country with bilateral agreement (e.g. Switzerland) and apply for this company for a BGRP-license.
- Switch operational activities within the group of companies to an already existing EU / EEA / Swiss company / subsidiary and make use of an already existing license.
- Use the Balance Group Service, offered by various companies.

If you use services of a UK based clearing bank, please contact your clearing bank for further clarifications.

In any case, CEGH will keep you posted about new developments. For questions in relation to BREXIT and the CEGH-VTP, please contact us.

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# Relaunch of CEGH Website



VWAP/CEGHIX 24.807 €/MWh
EN
Nomination Platform

VTP MARKET EXCHANGE MARKET BECOME A MEMBER SERVICES ABOUT US
Q

## Transparent trading with first class service

[Learn more >](#)

### PEGAS CEGH AT Day Ahead Market >

Trading Day	Contract	VWAP / CEGHIX <small>€/MWh</small>
27 November	<b>Wednesday</b>	<b>24.807</b>
26 November	<b>Tuesday</b>	<b>24.250</b>
23 November	<b>Monday</b>	<b>24.660</b>

### PEGAS CEGH AT Futures Market >

Trading Day	Contract	Settlement Price <small>€/MWh</small>
27 November	<b>December 2018</b>	<b>25.143</b>
27 November	<b>Q1 2019</b>	<b>25.495</b>
27 November	<b>Summer 2019</b>	<b>22.769</b>

Saturday and Sunday Contracts will be shown on the overview page

[All market data >](#)

# Relaunch of CEGH Website



Main Features of new CEGH Website:

- Detailed Market Data information on CEGH Website
- Online registration tool for new CEGH members
- List of all registered CEGH members
- Measures of Liquidity according to EFET guidelines
- Registration for CEGH Newsletter
- Direct access to CEGH CMT Nomination Platform
- Links to CEGH REMIT Platform and CEGH Gas Storage Marketing Platform

# Relaunch of CEGH Website



## Market Data for CEGH VTP:

- Table with monthly nominated volume back to 2013
- Download of VTP nominated volumes on daily basis back to 2013
- List of all registered CEGH members

## CEGH VTP Volumes

CEGH Statistics 2018

CEGH Statistics 2017

CEGH Statistics 2016

CEGH Statistics 2015

CEGH Statistics 2014

CEGH Statistics 2013

With the launch of the new Austrian Gas Market Model by 1 January 2013 all CEGH Volumes are published in energy.

<i>Delivery Month</i>	<i>Net Traded Volume TWh</i>	<i>Physical Volume TWh</i>	<i>Churn Rate</i>
2018.10	65.50	15.26	4.29
2018.09	48.54	13.31	3.65
2018.08	50.19	14.57	3.44
2018.07	52.95	14.74	3.59
2018.06	45.33	13.59	3.33
2018.05	52.43	15.83	3.31
2018.04	48.26	14.95	3.23
2018.03	68.21	17.32	3.94
2018.02	53.62	16,25	3,3



# Relaunch of CEGH Website



## Market Data for PEGAS CEGH Gas Exchange Market:

- Overview of all trades per day  
(accumulated, DA with 15 minutes delay, Futures at the end of the day)
- Index for Austria:  
CEGHEDI, CEGHIX, 1st Front Month, 1st Front Quarter
- Index for CZ:  
CZ Spot Reference Price
- Single select function:  
search for any historic day to see the Market Data for this specific day
- Market Data download with data of the last 3 months  
(in csv format, per contract)
- Subscription for daily CEGHIX notification

# Relaunch of CEGH Website



TODAY: VWAP/CEGHIX WED. 24.680 €/MWh EN Nomination Plattform



CEGH VTP MARKET EXCHANGE MARKETS BECOME A MEMBER SERVICES ABOUT US

Home > Exchange Markets > Market Data

## Market Data

On this page CEGH publishes Market Data for the PEGAS CEGH products of the last seven days.

csv download

Select market

AT Austria

Select product

Day Ahead Market

.CSV

Select country (AT or CZ)

Select contract

Trading Day	Contract	Open €/MWh	High €/MWh	Low €/MWh	Close €/MWh	Volume acc.	Trades	CEGHEDI	VWAP / CEGHIX €/ MWh	Trend	Best	Best Ask
20.11.	Wednesday	24.550	26.750	24.025	24.025	154 776	157	24.510	24.680	↗		
19.11.	Tuesday	24.725	24.750	23.950	24.750	167 616	134	24.142	24.321	↘		
16.11.	Monday	26.700	26.800	25.500	25.650	190 872	153	25.680	26.354	→		
16.11.	Sunday	26.700	26.875	25.850	26.000	2 328	10	-	26.395	↗		
16.11.	Saturday	26.700	26.700	25.600	26.675	576	9	-	26.240	→		
16.11.	Weekend	26.500	26.650	25.600	25.650	269 040	129	25.708	26.226	↘		
15.11.	Friday	26.125	26.500	25.425	26.350	163 968	172	-	26.360	→		
14.11.	Thursday	26.375	26.450	26.000	26.250	255 744	186	26.196	26.274	↗		

VWAP ... Volume Weighted Average Price published from 08:00 am CET until 06:00 pm CET. Prices 15 minutes delayed;  
CEGHIX ... CEGH Gas Index published at 07:50 pm

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## Q & A



# Joint Information Day



## Invitation to Mulled Wine (Punsch)

# CEGH and AGGM Punsch Stand



Porgy & Bess

## How to get there:



Palais Coburg  
Coburgbastei 4  
1010 Vienna

# CEGH and AGGM Punsch Stand



Joint Information Day  
Mulled Wine Booth:

Palais Coburg, Coburgbastei 4



Elevator to 1st floor (button „M“)



# Joint Information Day



**Thank you very much  
for your attention**

