

Central European Gas Hub



20th CEGH Feedback Workshop

Vienna, 3 December 2020



20th CEGH Feedback Workshop



Virtual Meeting - Guidelines

- Please set your microphone on „mute“.
- We will have a Q&A session at the end of the Workshop.
- For questions during the presentations, please use the „Chat function“.
- You can ask questions directly after each session by raising your hand in MS Teams.
- The link to the download of the presentation will be sent in a Newsletter within the next days.

20th CEGH Feedback Workshop



Agenda

- **Welcome, Opening Words**
- Update CEGH VTP
- EEX Markets - overview
- EEX CEGH Gas Markets AT, CZ
- New CEGH App
- 15 Years of CEGH
- Feedback / Q&A

CEGH and COVID-19



CEGH ensures full functionality:

- CEGH VTP and EEX CEGH markets were smoothly running in 2020 at all times - 24/7 - despite COVID-19
- We could not observe any distortions in the markets or difficulties of our members in their operations due to COVID-19
- Operational teams of VTP and Exchange are fully working from home office in full & semi-full lock-down periods
- Our strict internal measures ensure full availability of our services and of the CEGH team in our 24/7 operations

CEGH Volume Development 1-10/2020

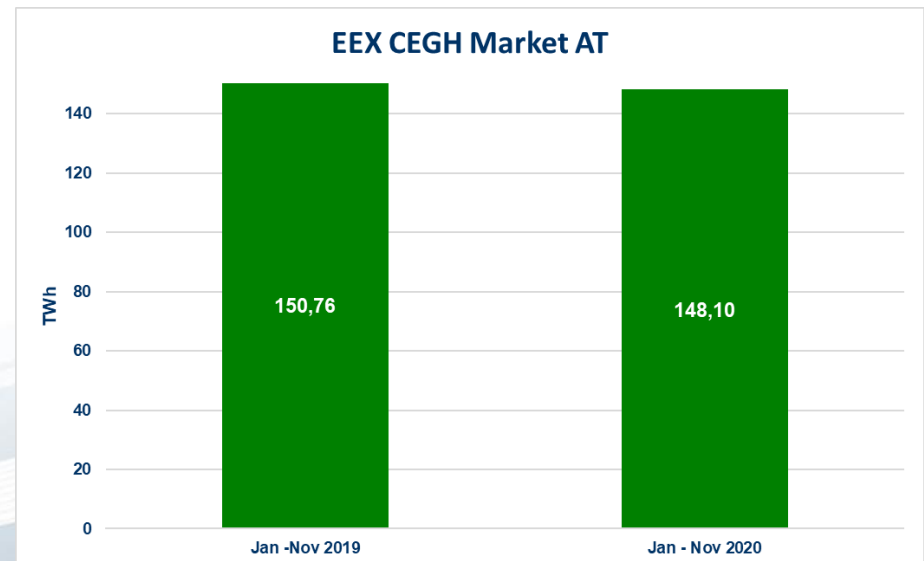
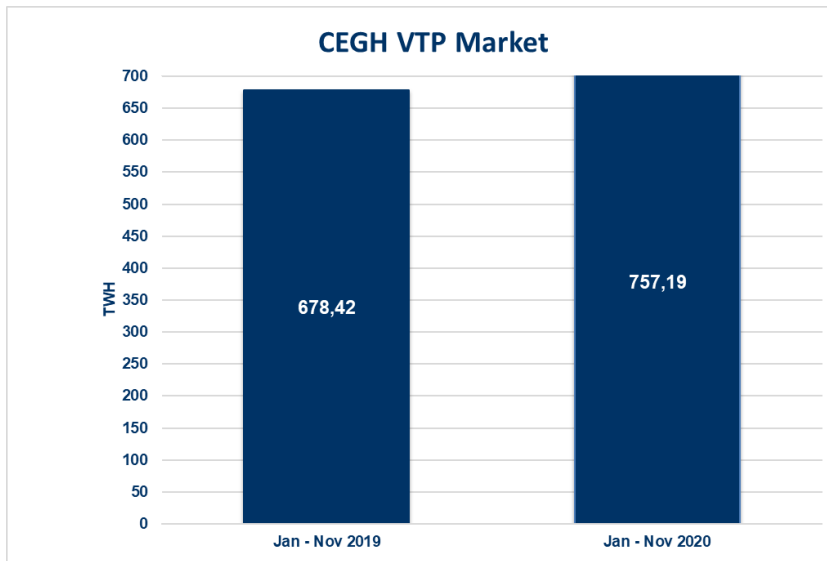


CEGH VTP:

1-11/2020: 757.19 TWh
(y-t-y: **+11.6%**)

EEX CEGH Gas Market:

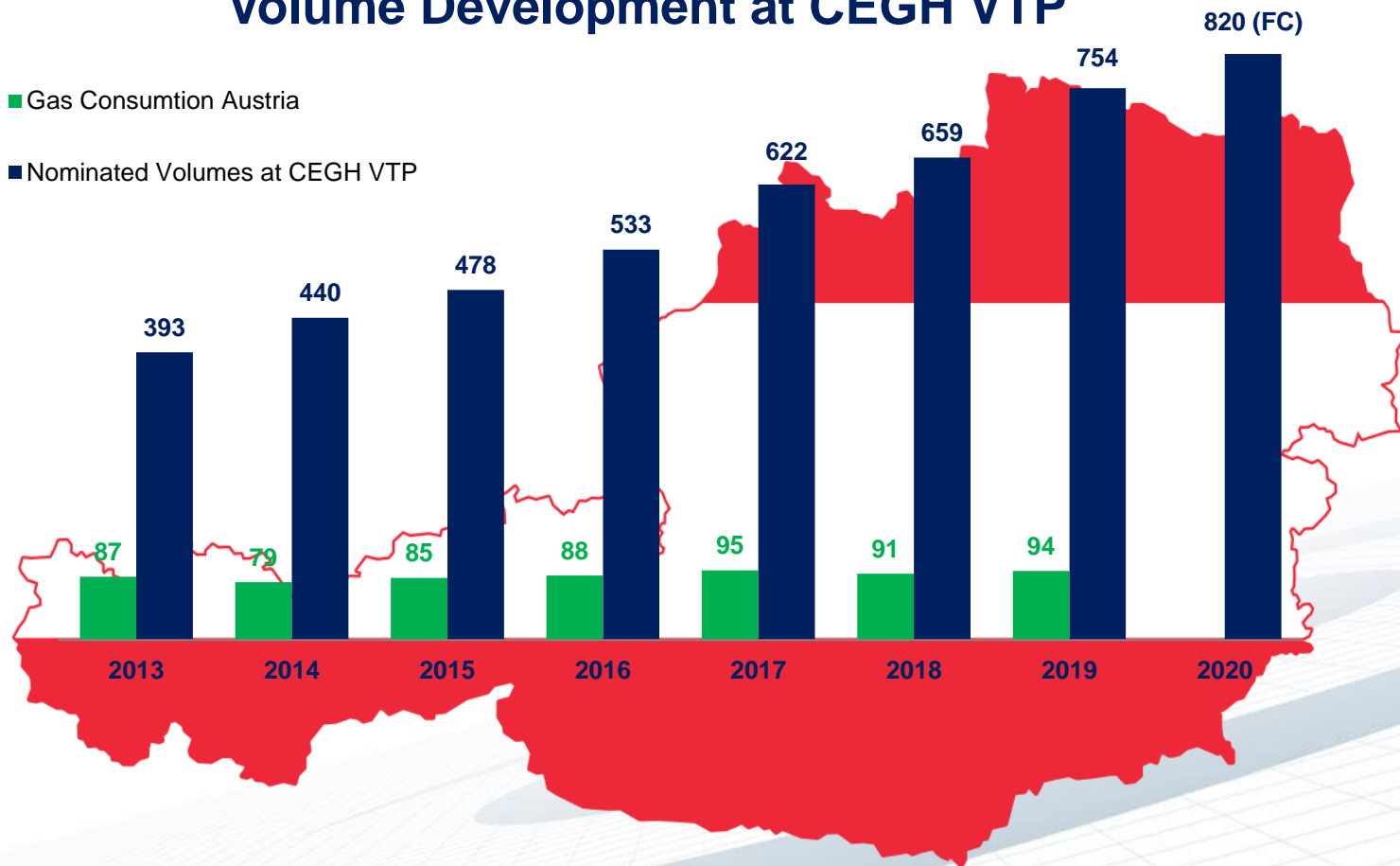
1-11/2020: 148.10 TWh
(y-t-y: **-1.7%**)



CEGH VTP Volume development and Austrian Gas Consumption (in TWh)



Volume Development at CEGH VTP



Source: CEGH, E-control Austria

Graph: Wikimedia.org

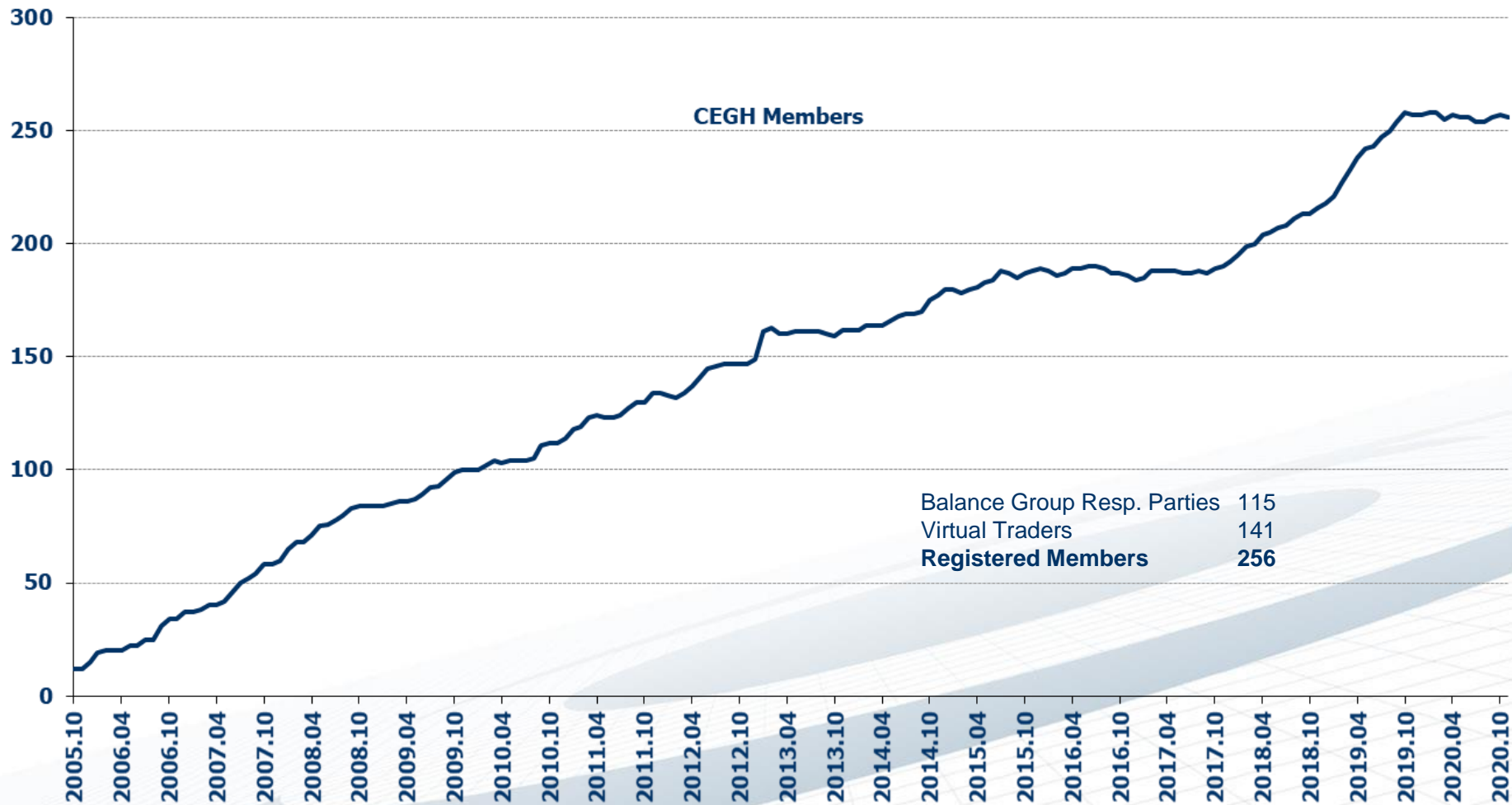
20th CEGH Feedback Workshop



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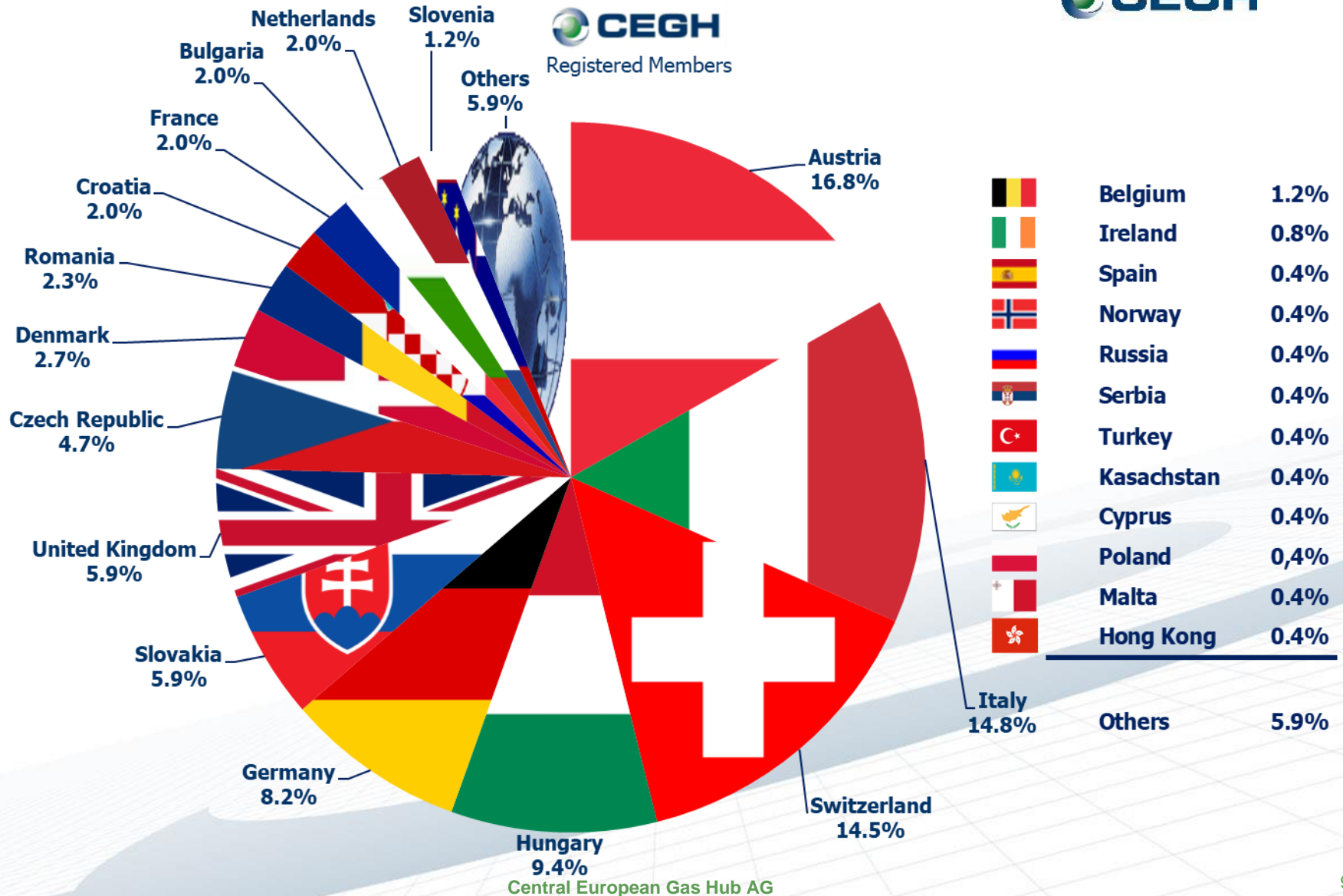
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CEGH - Development of VTP Trading Registered Members

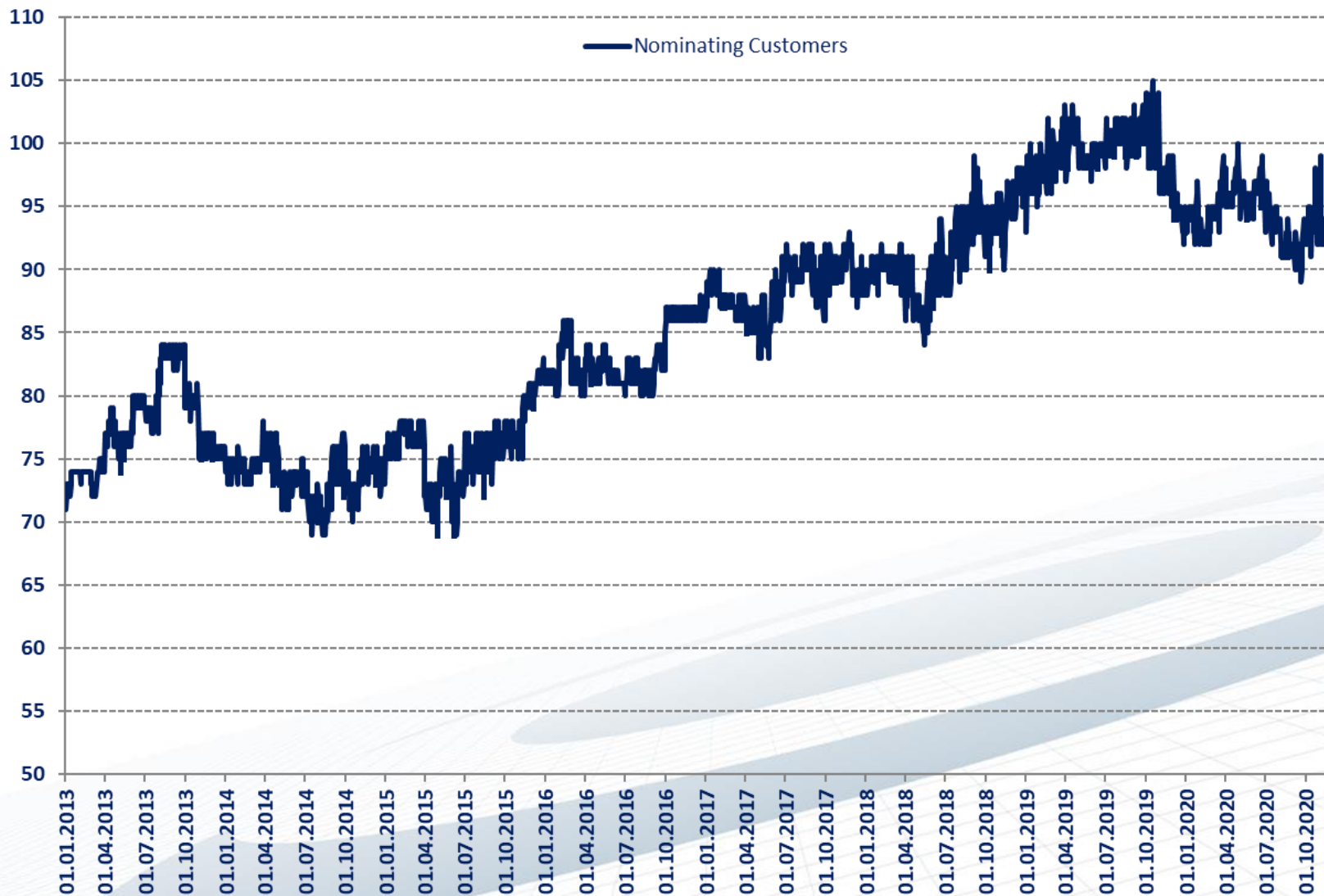


CEGH - Development of VTP Trading

Diversity of Registered Members



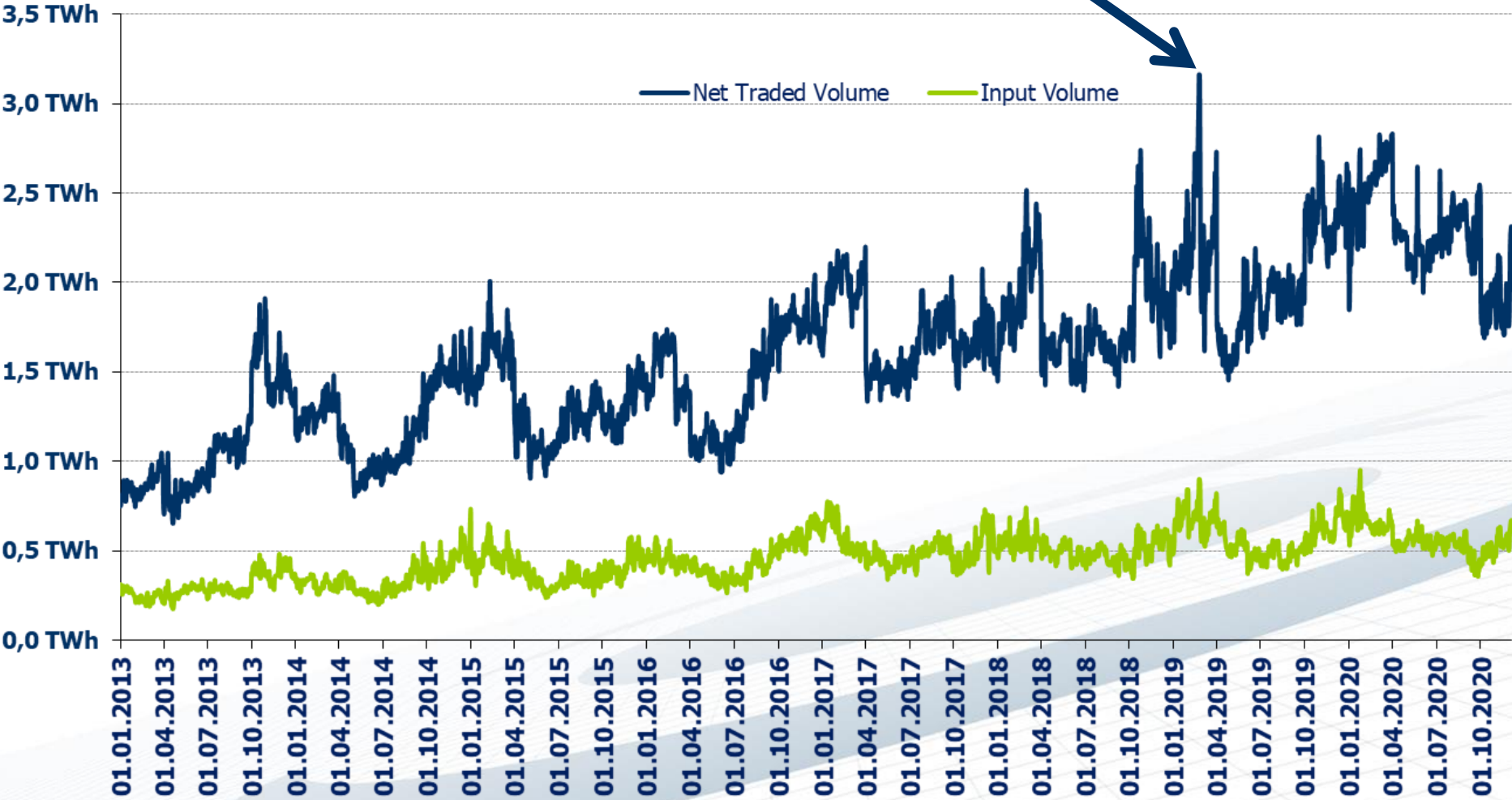
CEGH VTP: Nominating Customers on daily basis since 2013



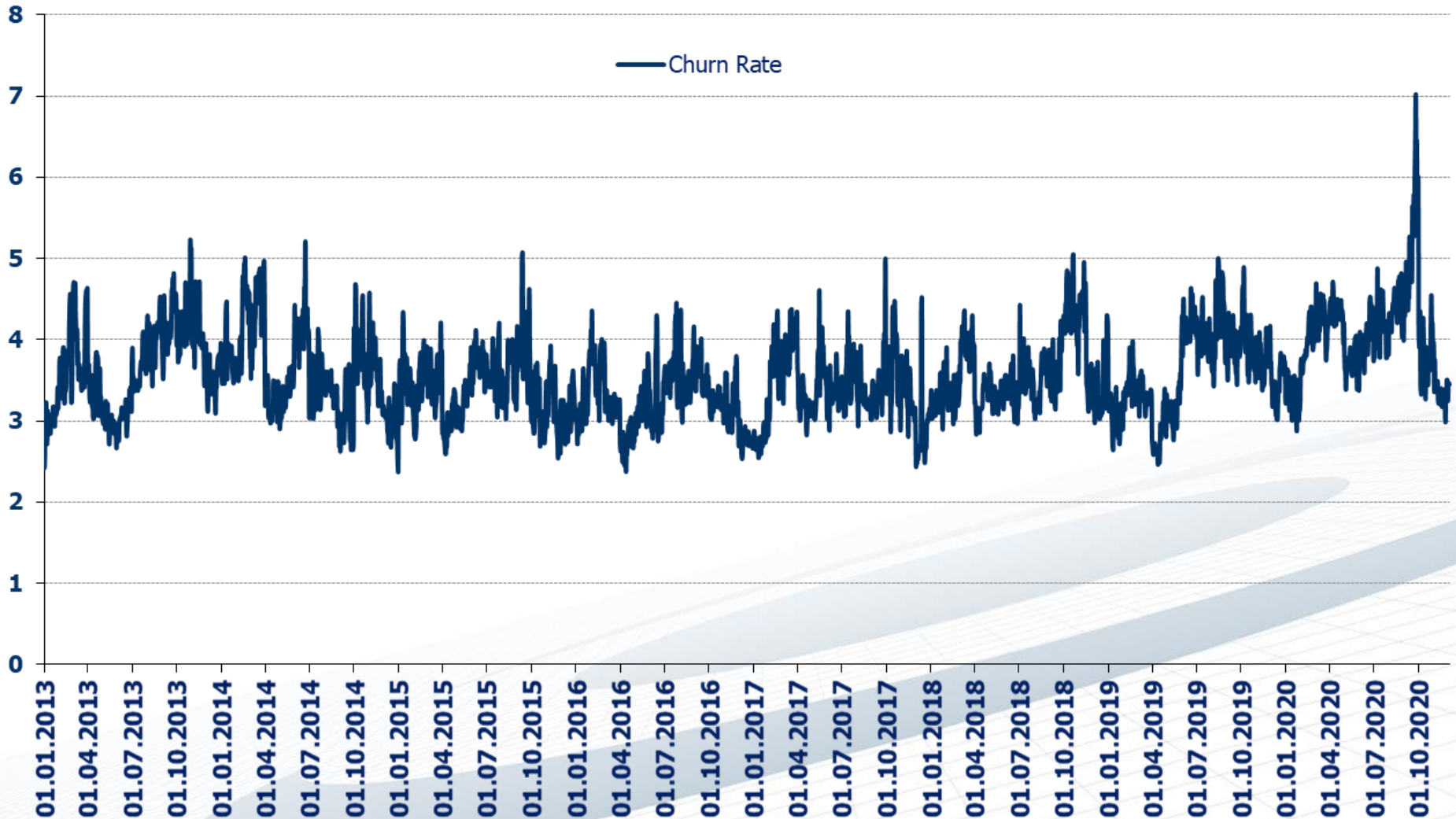
CEGH VTP: Daily Net Traded Volume since Jan 2013



All-time high: 23.02.2019



CEGH VTP: Daily Churn Rate since 2013

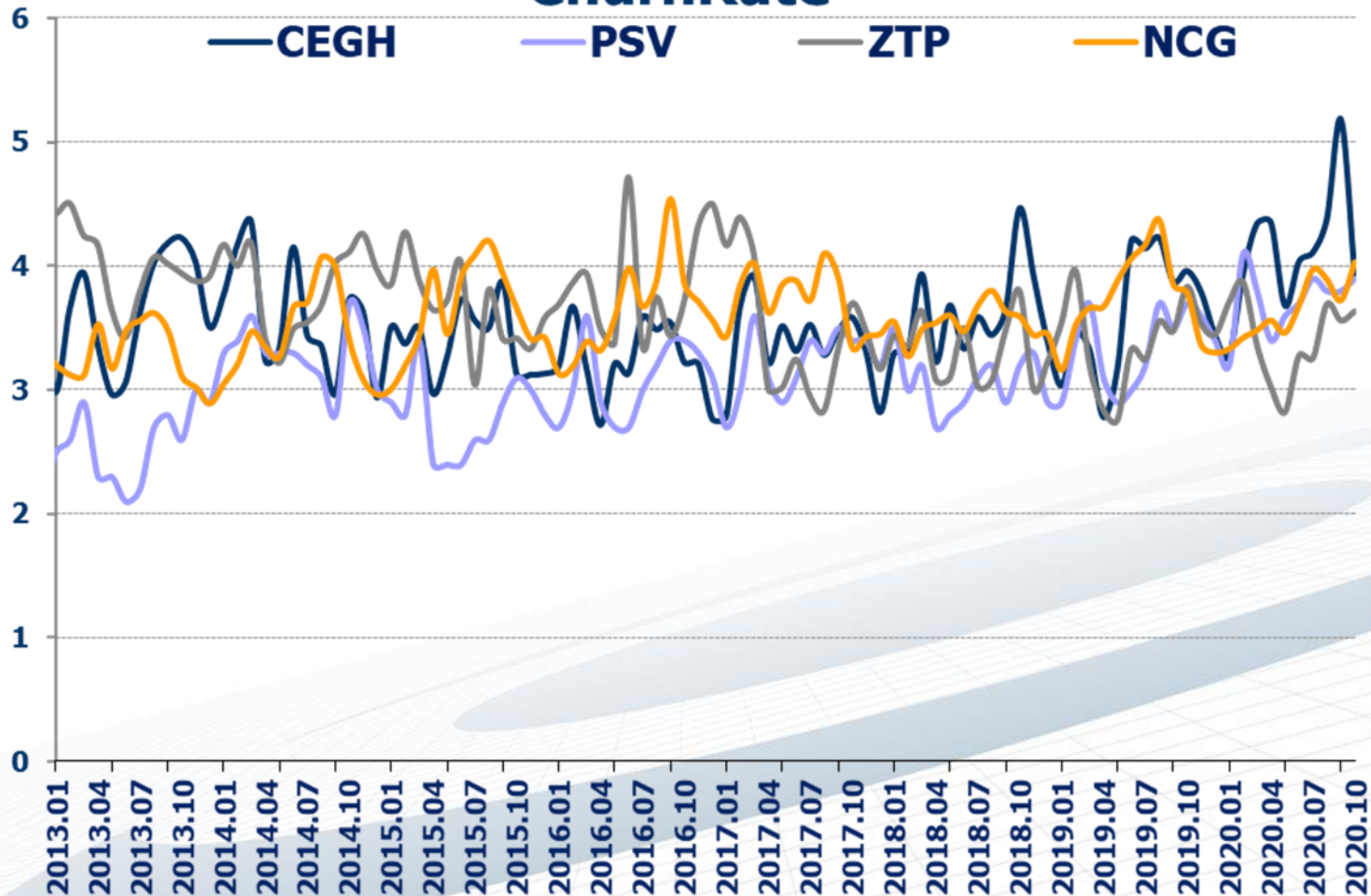


CEGH Development of VTP

Continental European Gas Hubs - Churn Rate



Continental European Gas Hubs - ChurnRate



CEGH REMIT Platform: www.cegh.at/remit



Filter your results

Sort: Event period ▾

Posting date

Available 24/7

Contents open to the public

Supports “templates” and “wildcards”

AGGM, GCA and CEGH publish on CEGH REMIT platform their Urgent Market Messages (UMMs): Main source of information in the Austrian Market Area

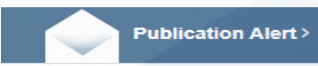
Posting only for registered users

Postings fulfil legal obligation to publish insider information acc. to REMIT Art. 4

Meeting all ACER requirements and recommended by E-Control

Free of charge plus publication alert / RSS feed subscription

19.11.2019 06:00 CET	Storage facility maintenance	11.09.2019 09:10 CET 000000042533-A00058077_SK_001 (inactive)
29.11.2019 09:00 CET	POZAGAS a.s. A00058077_SK Other market information	>
29.11.2019 15:30 CET	Unplanned SD NH3 Plant	>
04.12.2019 06:00 CET	Borealis Agrolinz Melamine GmbH Unavailabilities of gas facilities Consumption unavailability (planned)	27.11.2019 16:24 CET 000000042571-A00040896_DE_001 (inactive)
27.11.2019 15:00 CET	Instandhaltung	>
11.12.2019 09:00 CET	Voestalpine Rohstoffbeschaffungs GmbH Consumption unavailability (planned)	29.11.2019 10:14 CET 000000042570-A00040896_DE_001 (inactive)
27.11.2020 09:00 CET	Geplante Abstellungen von Erdgasverbrauchern mit einer kumulierten Minderung des Erdgasbedarfs v...	>
14.09.2020 23:00 CEST	Unavailabilities of gas facilities Consumption unavailability (planned) Werk Ludwigshafen	23.09.2019 16:52 CEST 000000042572-A0002192G_DE_001 (active)



CEGH Gas Storage Marketing Platform



Filter your results

Company

Storage

Status
 open
 closed
 published
 cancelled

Offer ID

Publication date
 to

Bidding period
 to

CLOSED ON 12.11.2020 15:00				
OMV Gas Storage GmbH OMV Storage-Pool VTP # Offer ID: 567 ⚡ Bidding period: 12.11.2020 10:00 - 12.11.2020 15:00 📅 Publication date: 02.11.2020 15:00 📦 Quantity: 30 Bundles 💰 Pricing: € / Bundle / month ⌚ Service period: 01.04.2022 06:00 - 01.04.2023 06:00		WORKING GAS VOLUME FIRM 17.000 MWh <small>01.04.22 06:00 - 01.04.23 06:00</small>	INJECTION RATE FIRM 8 MWh/h <small>01.04.22 06:00 - 01.04.23 06:00</small>	WITHDRAWAL RATE FIRM 8 MWh/h <small>01.04.22 06:00 - 01.04.23 06:00</small>
CLOSED ON 17.09.2020 15:00				
OMV Gas Storage GmbH OMV Storage-Pool VTP # Offer ID: 567 ⚡ Bidding period: 17.09.2020 10:00 - 17.09.2020 15:00 📅 Publication date: 11.09.2020 10:45 📦 Quantity: 25 Bundles 💰 Pricing: € / Bundle / month ⌚ Service period: 01.04.2021 06:00 - 01.04.2022 06:00		WORKING GAS VOLUME FIRM 17.000 MWh <small>01.04.21 06:00 - 01.04.22 06:00</small>	INJECTION RATE FIRM 8 MWh/h <small>01.04.21 06:00 - 01.04.22 06:00</small>	WITHDRAWAL RATE FIRM 8 MWh/h <small>01.04.21 06:00 - 01.04.22 06:00</small>
CLOSED ON 27.08.2020 15:00				
OMV Gas Storage GmbH OMV Storage-Pool VTP # Offer ID: 547 ⚡ Bidding period: 27.08.2020 10:00 - 27.08.2020 15:00 📅 Publication date: 20.08.2020 11:00 📦 Quantity: 20 Bundles 💰 Pricing: € / Bundle / month ⌚ Service period: 01.04.2021 06:00 - 01.04.2022 06:00		WORKING GAS VOLUME FIRM 17.000 MWh <small>01.04.21 06:00 - 01.04.22 06:00</small>	INJECTION RATE FIRM 8 MWh/h <small>01.04.21 06:00 - 01.04.22 06:00</small>	WITHDRAWAL RATE FIRM 8 MWh/h <small>01.04.21 06:00 - 01.04.22 06:00</small>
CLOSED ON 27.08.2020 15:00				
OMV Gas Storage GmbH OMV Storage-Pool VTP # Offer ID: 548 ⚡ Bidding period: 27.08.2020 10:00 - 27.08.2020 15:00 📅 Publication date: 20.08.2020 11:00 📦 Quantity: 20 Bundles 💰 Pricing: € / Bundle / month ⌚ Service period: 01.04.2021 06:00 - 01.04.2022 06:00		WORKING GAS VOLUME FIRM 17.000 MWh <small>01.04.21 06:00 - 01.04.22 06:00</small>	INJECTION RATE INTERRUPTIBLE 8 MWh/h <small>01.04.21 06:00 - 01.04.22 06:00</small>	WITHDRAWAL RATE FIRM 8 MWh/h <small>01.04.21 06:00 - 01.04.22 06:00</small>
CLOSED ON 13.08.2020 15:00				
OMV Gas Storage GmbH OMV Storage-Pool VTP # Offer ID: 527 ⚡ Bidding period: 13.08.2020 10:00 - 13.08.2020 15:00 📅 Publication date: 28.07.2020 15:30 📦 Quantity: 20 Bundles 💰 Pricing: € / Bundle / month ⌚ Service period: 01.04.2021 06:00 - 01.04.2022 06:00		WORKING GAS VOLUME FIRM 17.000 MWh <small>01.04.21 06:00 - 01.04.22 06:00</small>	INJECTION RATE INTERRUPTIBLE 8 MWh/h <small>01.04.21 06:00 - 01.04.22 06:00</small>	WITHDRAWAL RATE FIRM 8 MWh/h <small>01.04.21 06:00 - 01.04.22 06:00</small>

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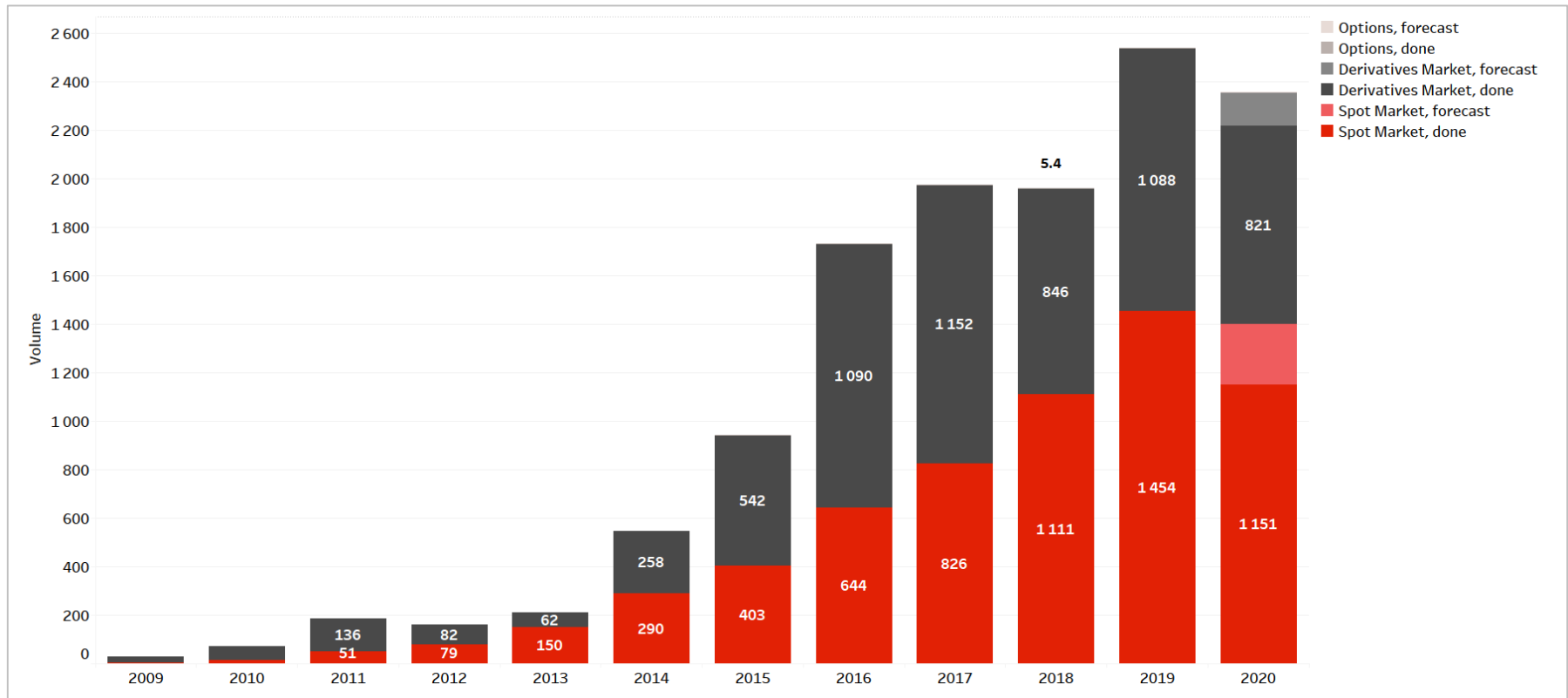
- Welcome, Opening Words
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- **EEX Markets - overview**
- EEX CEGH Gas Markets AT, CZ
- New CEGH App
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- Feedback / Q&A

A satellite night view of Europe, showing city lights and coastlines against a dark background.

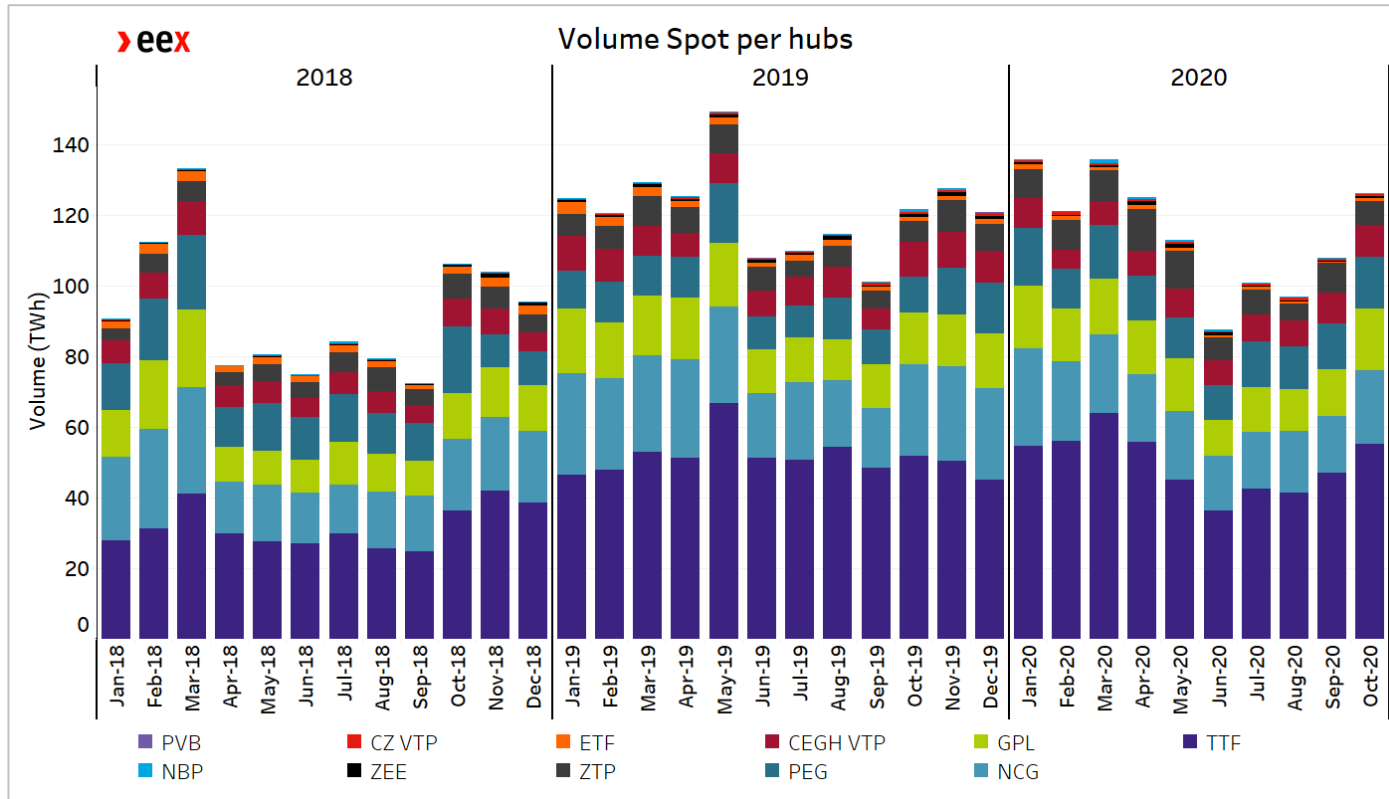
EEX Gas Overview CEGH Feedback Workshop

3 December 2020

Trading Volume on the EEX Gas Spot and Derivatives Markets

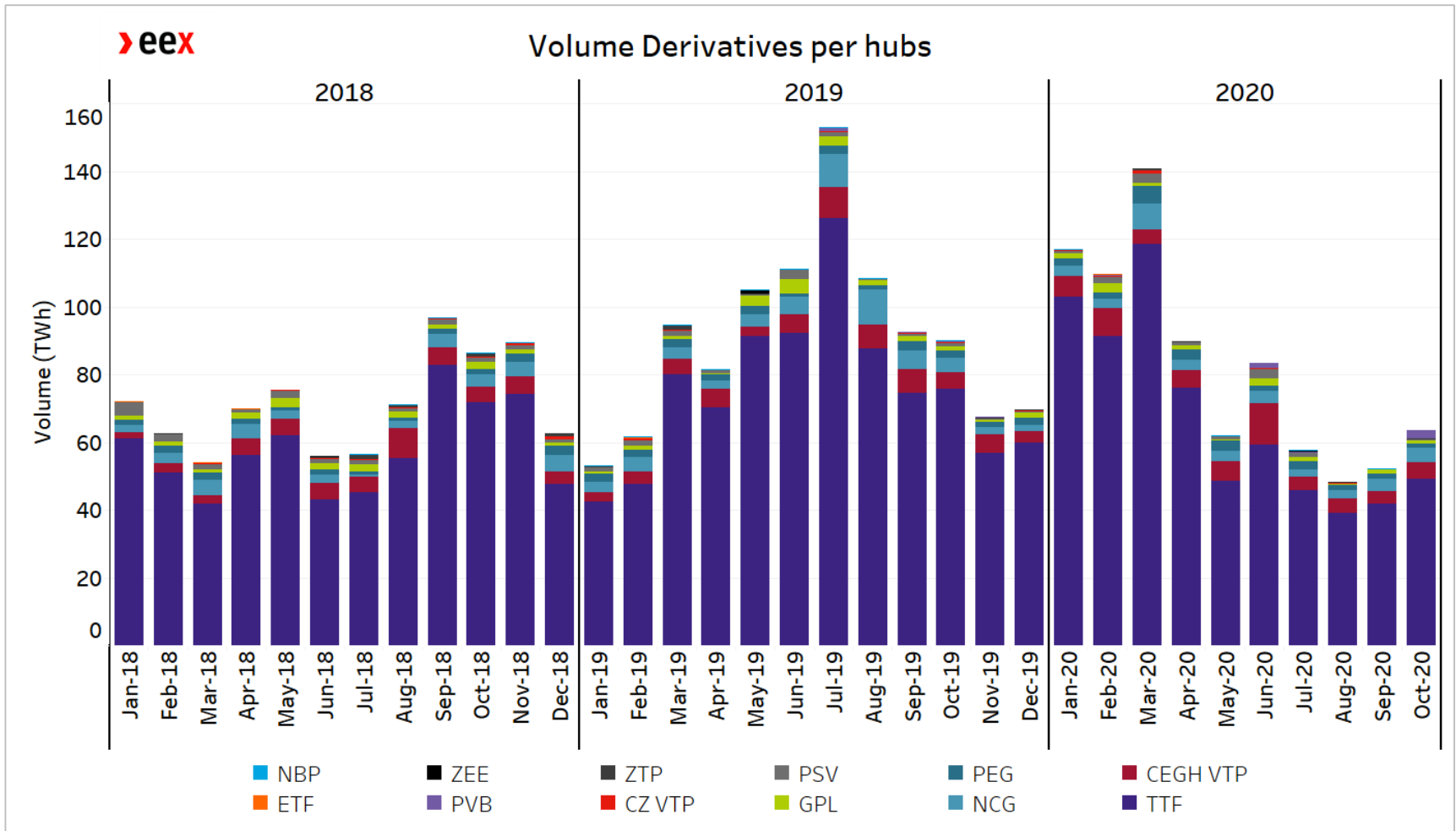


EEX Spot traded volumes



- EEX market shares in 2020 have grown in all spot markets
- Spot wholesale markets have decreased significantly in Spring and are still not back to 2019 levels.

EEX Futures traded volumes



- EEX market activity decreased on TTF in 2020 since April
- Some satellite hubs like CEGH VTP still registered growth on our platform

EEX Gas Markets Project Update 2020 & 2021

- **2020:**

- **Enabling negative prices Spot Markets (October 01st, 2020)**

- EEX successfully adapted the possibility to trade negative prices for all products for all listed market areas of EEX Natural Gas Markets.

- **2021: New Products to be launched**

- **TTF Futures Style Month Options (15 February, 2021)**

- EEX to launch Futures Style Margin Options on Power, Gas and Carbon Emission Futures and extends number of time spreads for Power Futures.

- **Financial (cash-settled) Gas Futures Products (Q1, 2021)**

- Cash-settled Gas Futures on the European Gas Spot Index (EGSI)
 - New products to be launched together with Spark Spreads thereby linking the gas and power markets of EEX
 - Launched for TTF, NCG (THE), CEGH VTP

20th CEGH Feedback Workshop



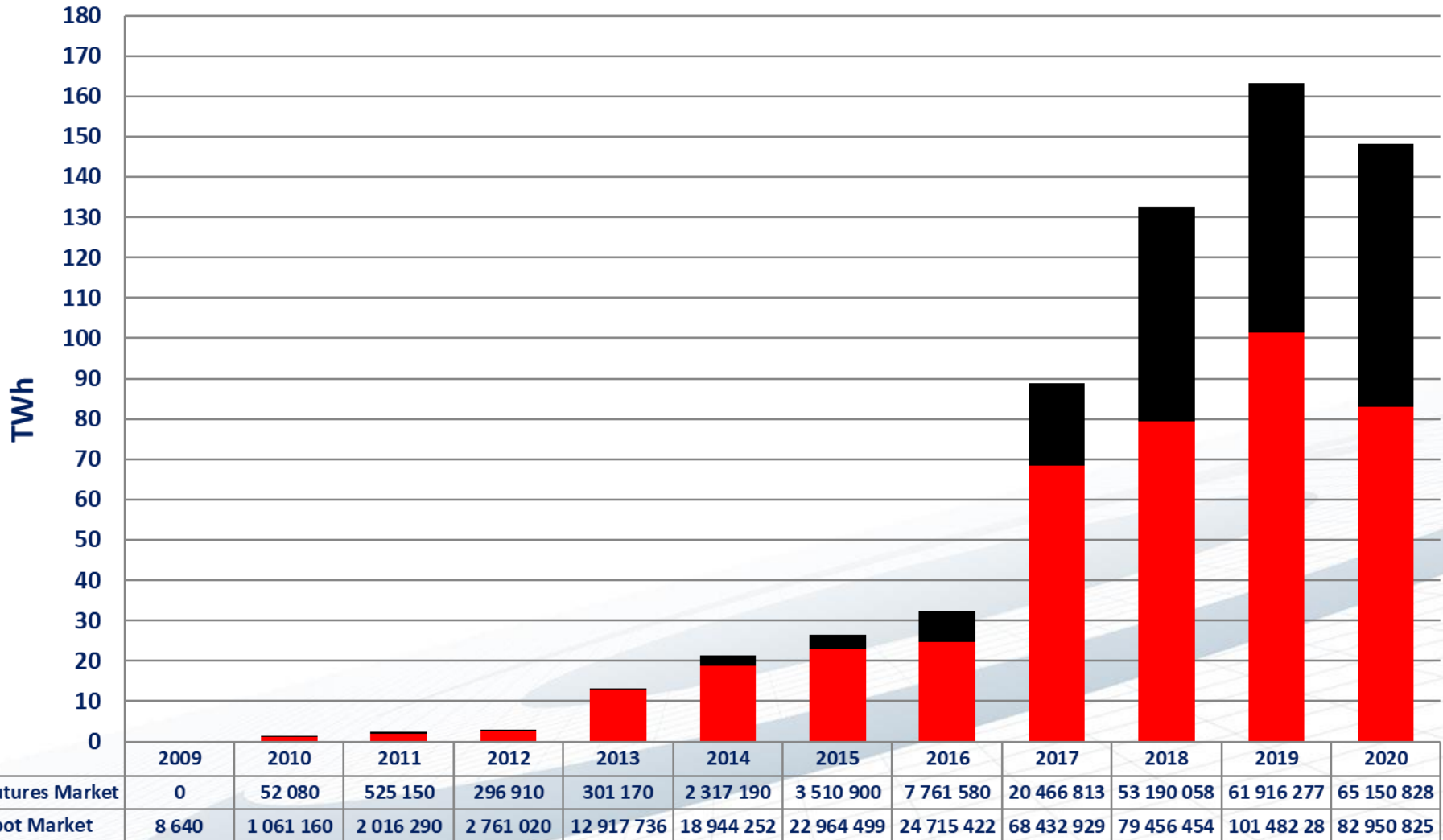
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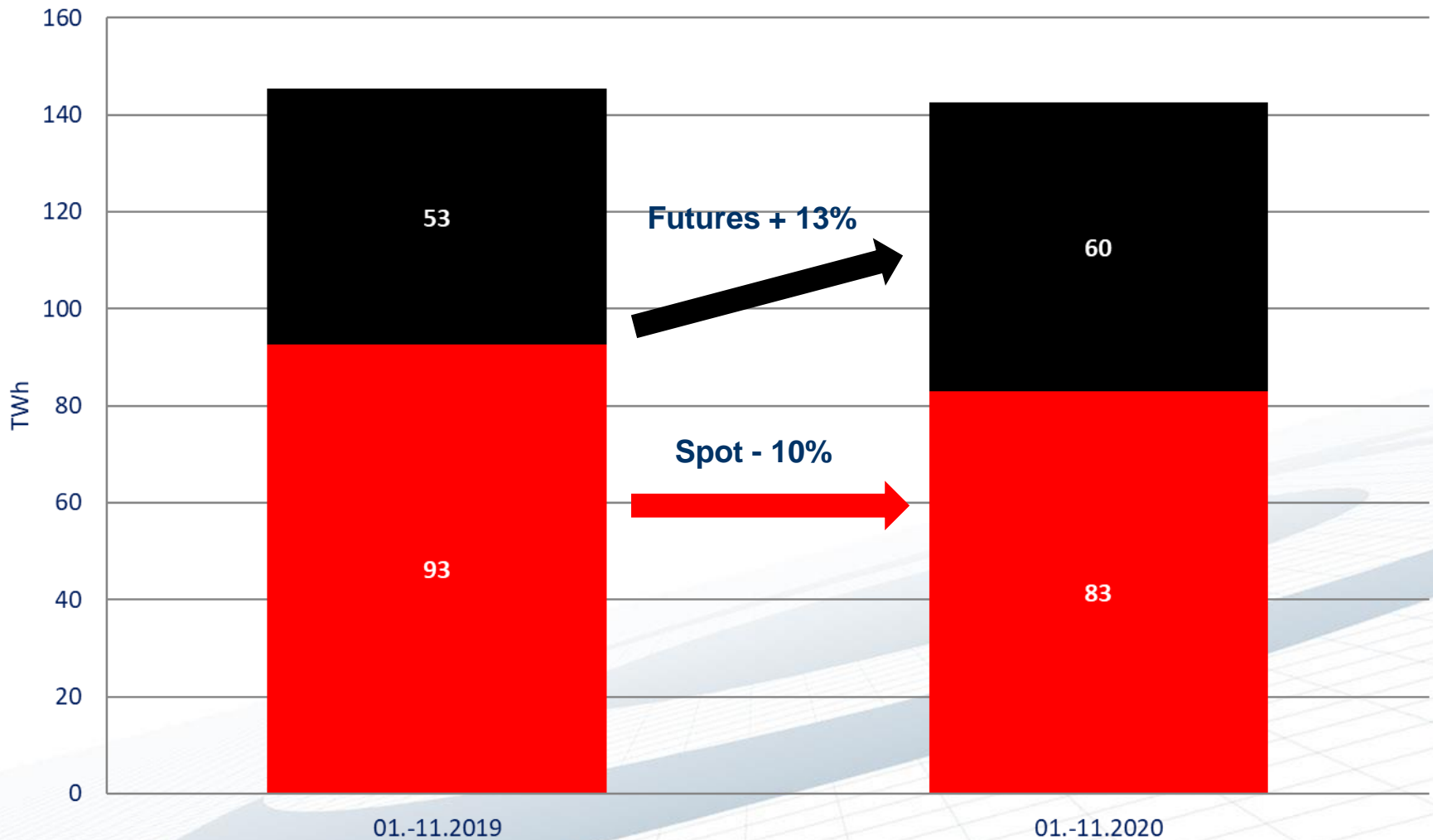


EEX CEGH Austrian Gas Market

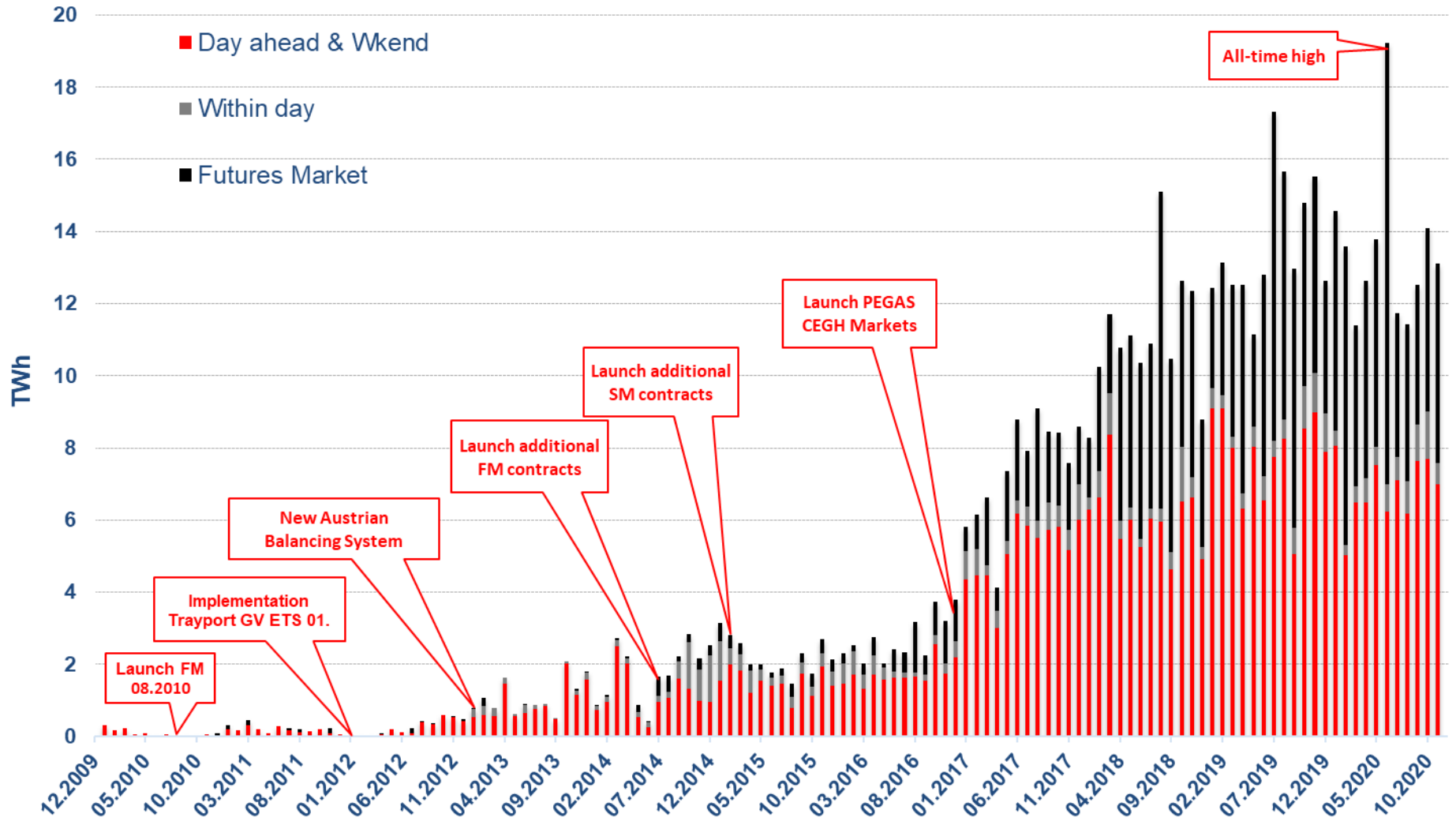
EEX CEGH Austrian Gas Market: Yearly Trading Volume since 2009 - 11.2020



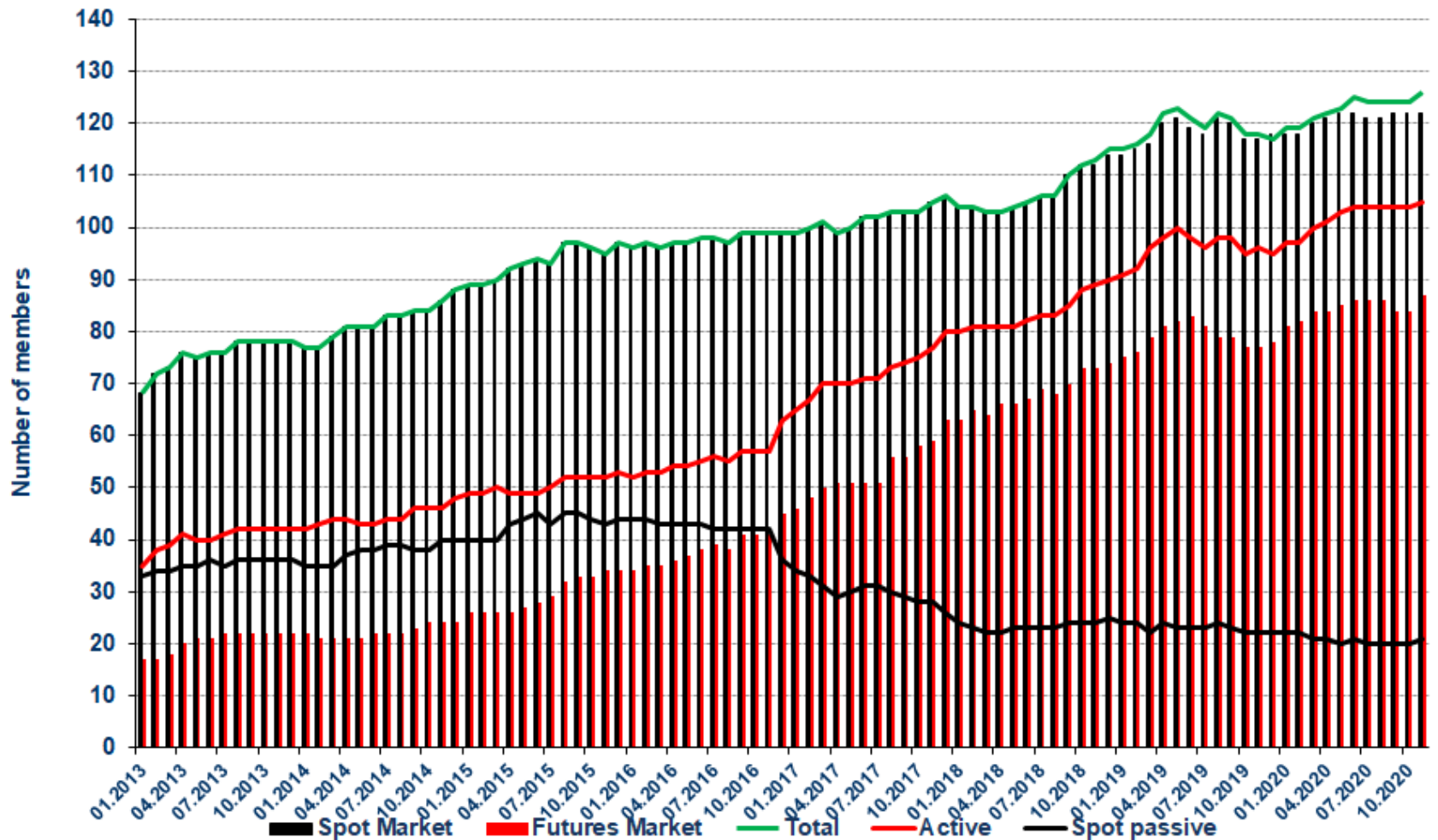
EEX CEGH Austrian Gas Market: Spot and Future Growth 01. - 11.2019 vs 2020



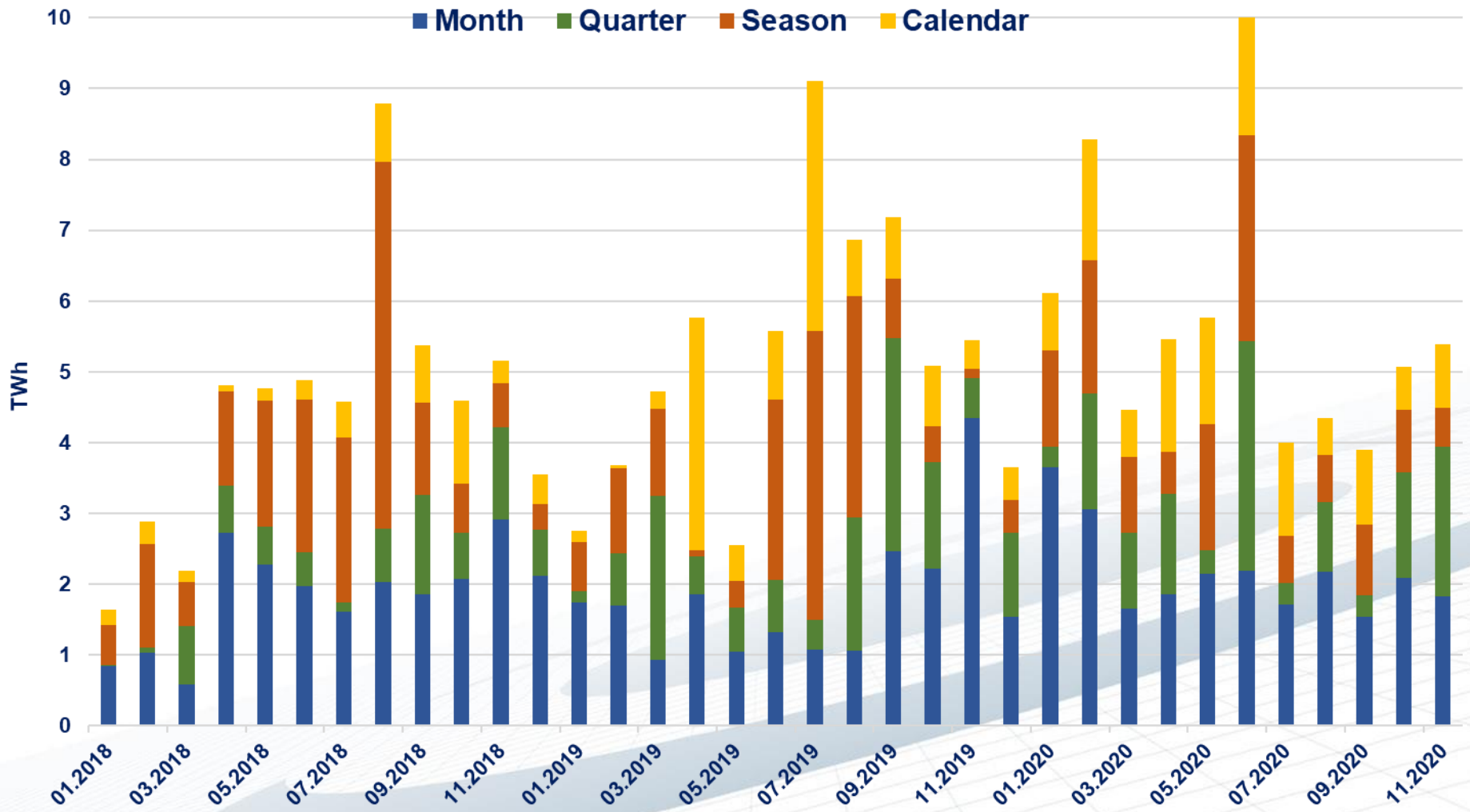
EEX CEGH Austrian Gas Market: Monthly Trading Volume since Dec 2009



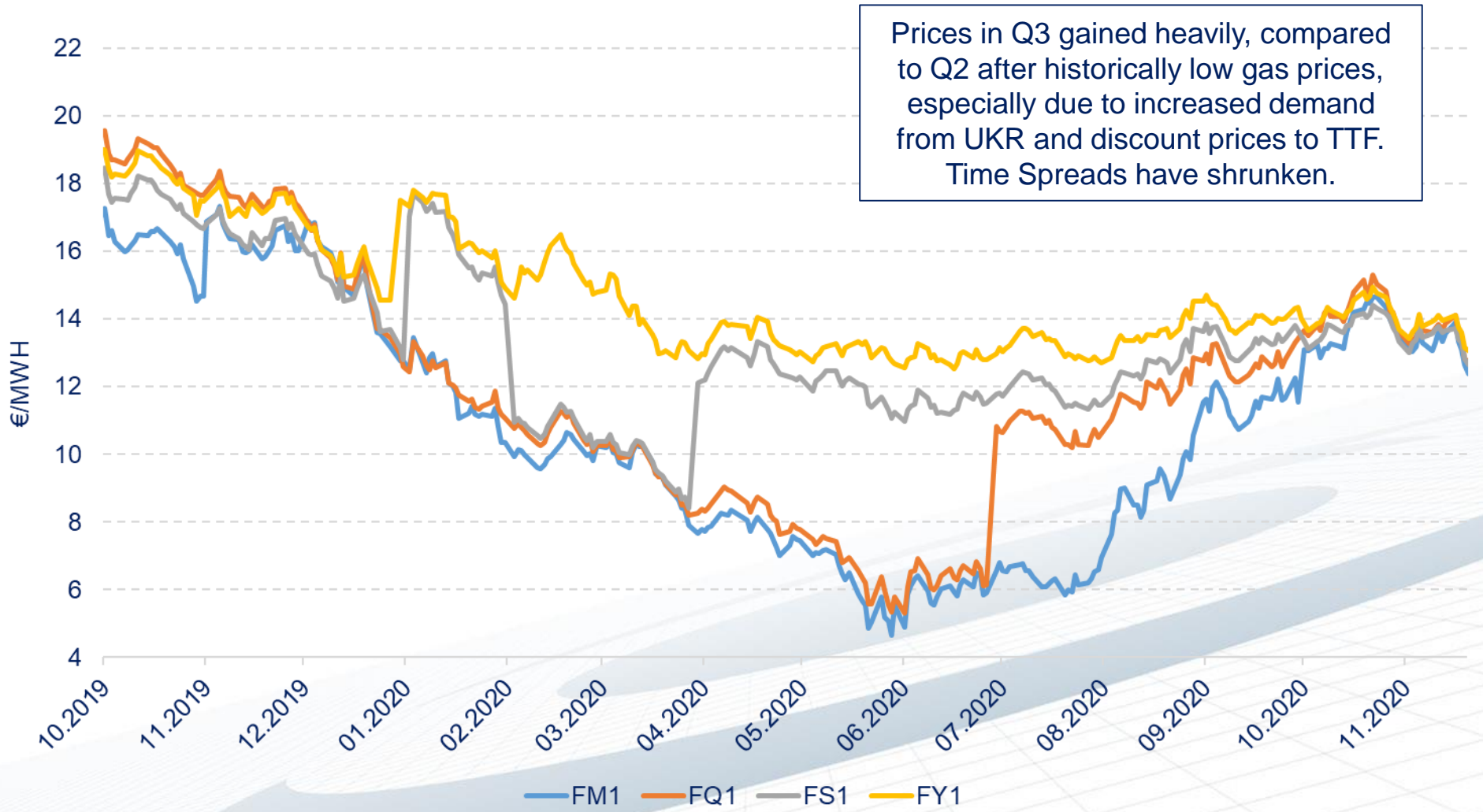
EEX CEGH Austrian Gas Market: Development of Members since 2013



EEX CEGH Austrian Gas Market: Monthly Futures Volume since 2018



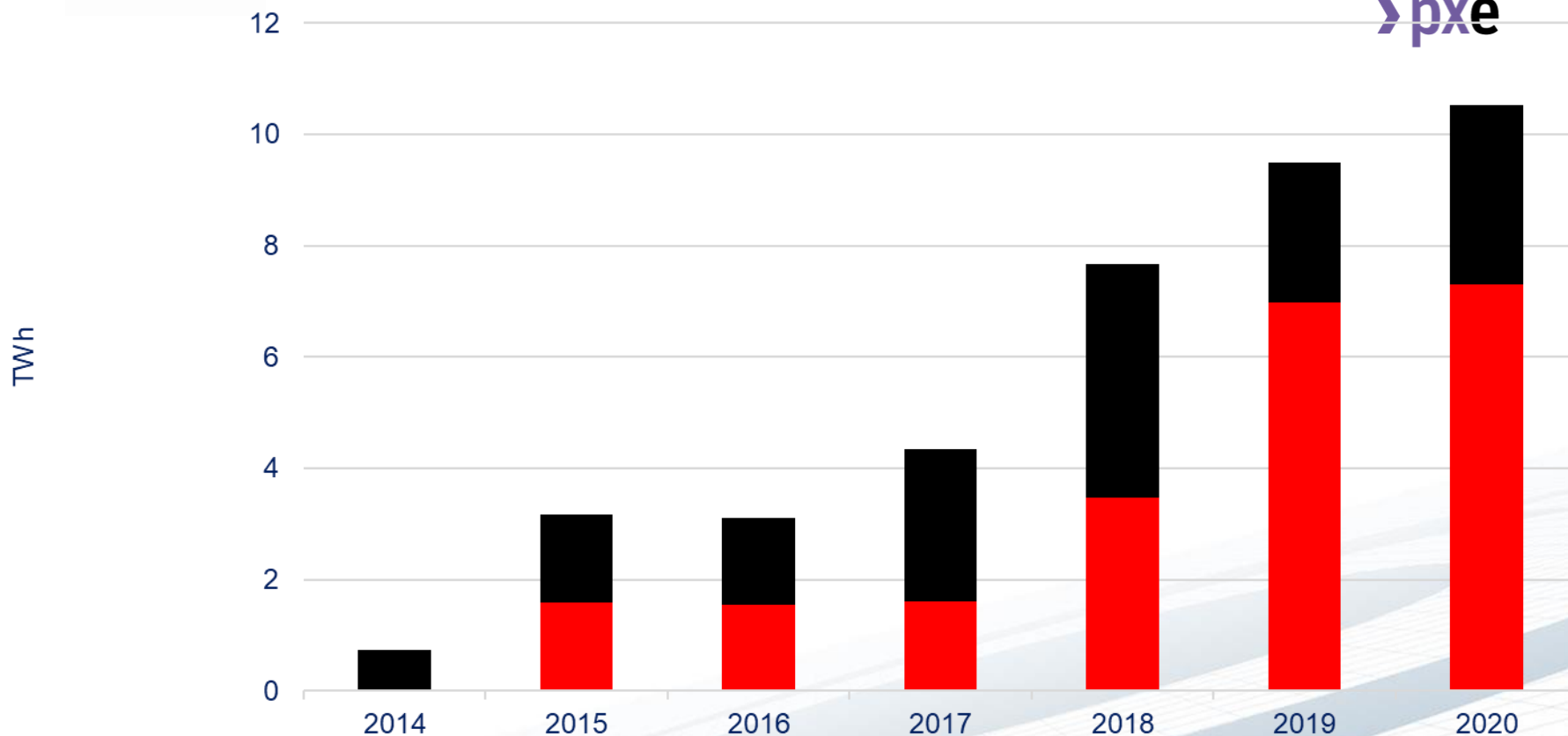
EEX CEGH Austrian Gas Market: Futures Contract Prices for CEGH VTP





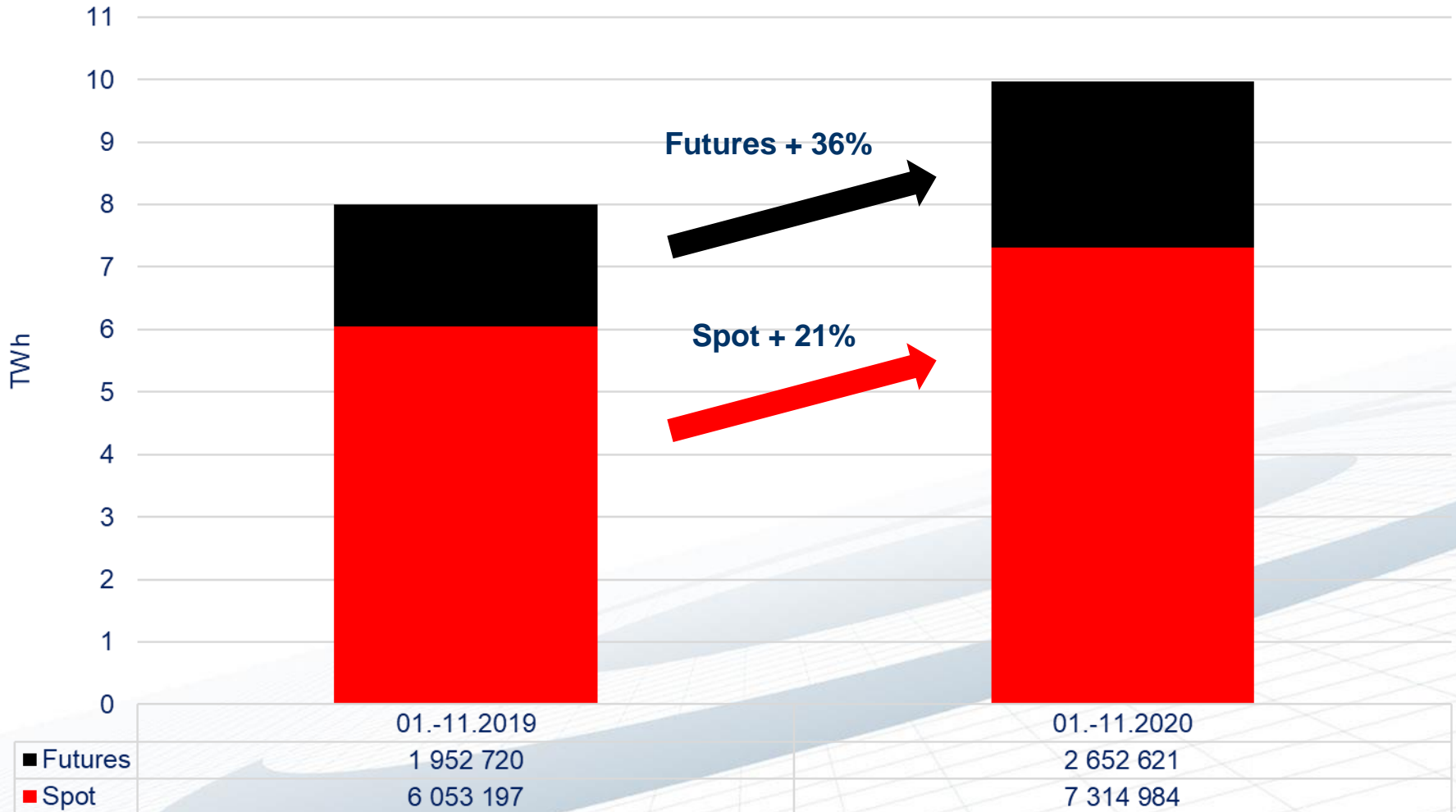
EEX CEGH Czech Gas Market

EEX CEGH Czech Gas Market: Yearly Trading Volume 2014 - 11.2020

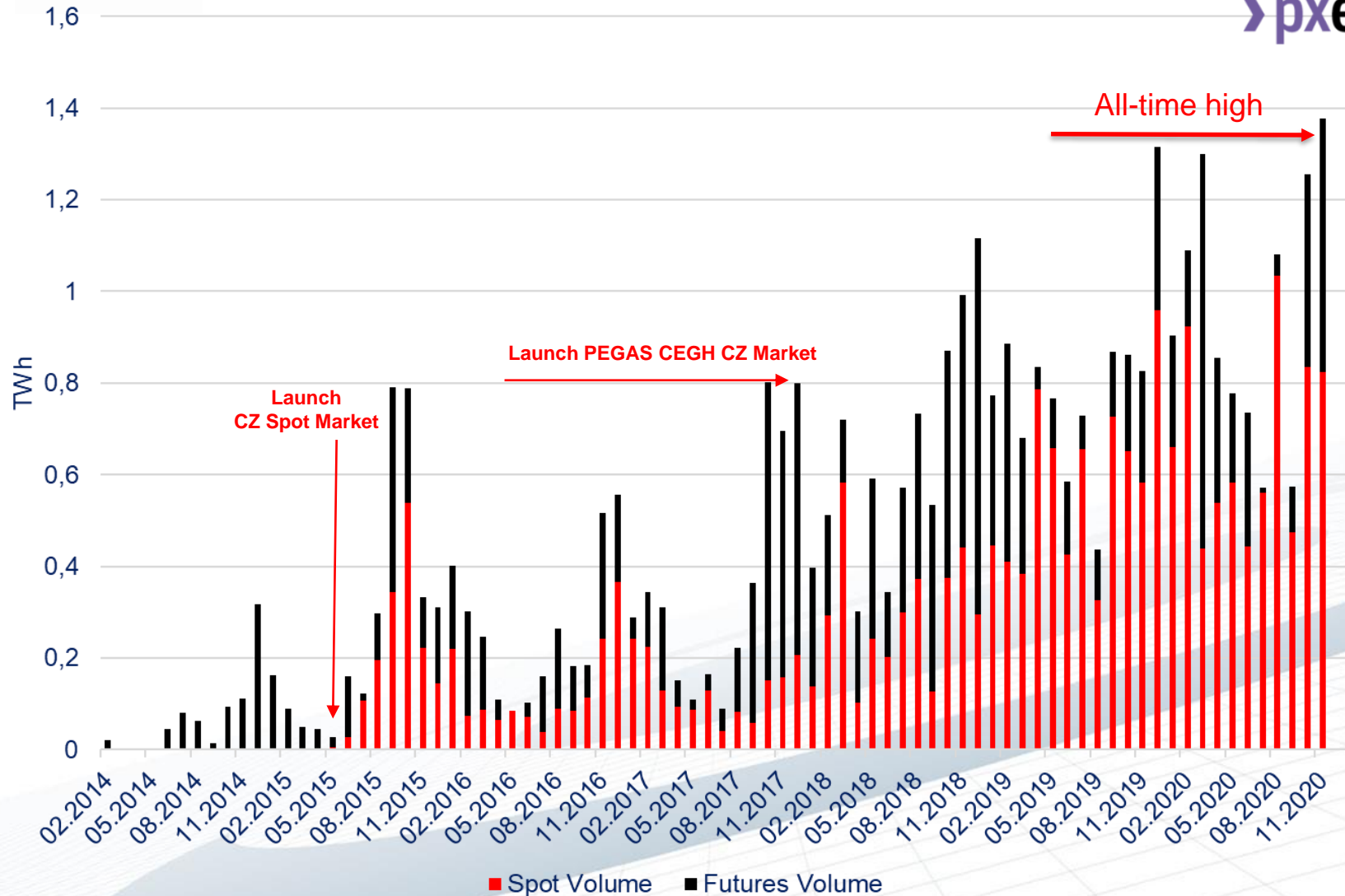


	2014	2015	2016	2017	2018	2019	2020
■ EEX CEGH Gas CZ Futures	745080	1593757	1574601	2 736 787	4 198 844	2 523 905	3 204 775
■ EEX CEGH Gas CZ Spot	0	1584050	1538496	1 604 244	3 472 197	6 975 037	7 314 984

EEX CEGH Czech Gas Market : Spot and Futures Growth 01. – 11.2019 vs 2020



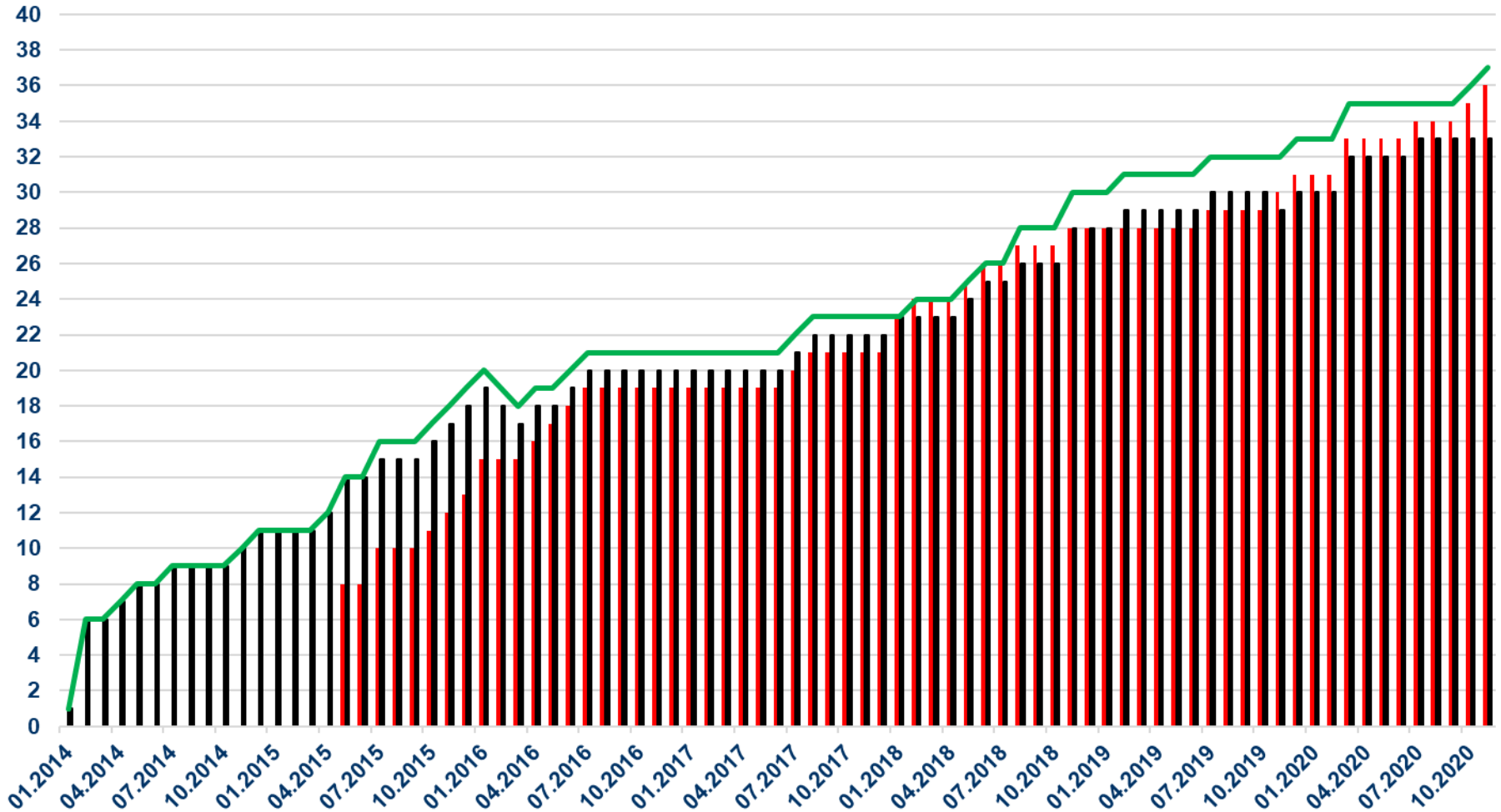
EEX CEGH Czech Gas Market: Monthly Trading Volume



Development of EEX CEGH CZ Gas Market Members since 2014



Spot Futures Total



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CEGH App



First Gas Hub App in the EU

to be launched by CEGH in December 2020 (*iOS & Android*)

Main Features

- All EEX CEGH Gas Exchange market data directly in the App
- Price alerts for exchange products
- Push-notifications of CEGHIX
- Check daily nominated CEGH VTP volumes
- REMIT: up to date with the latest publications (push notification)

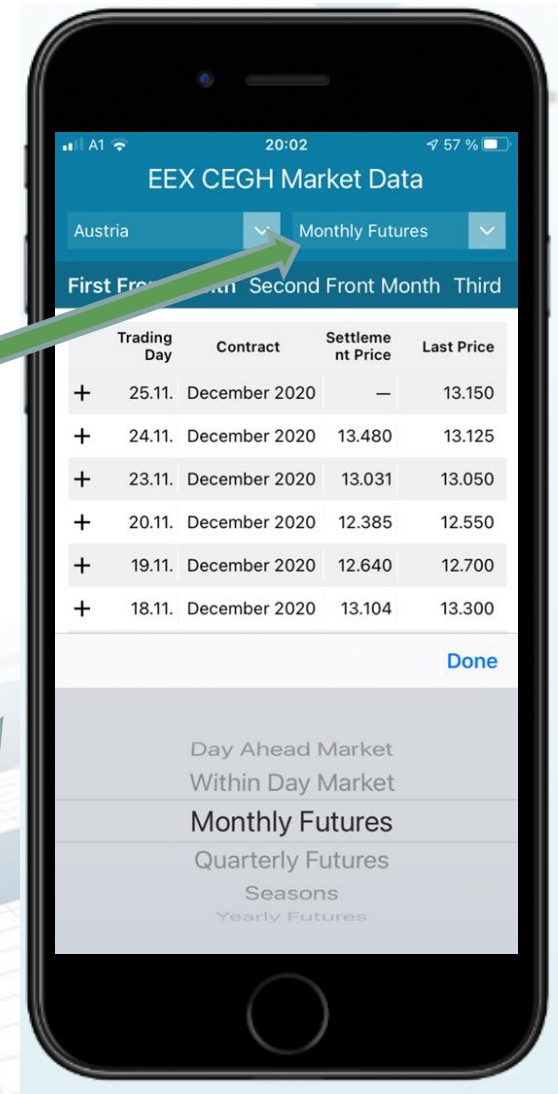
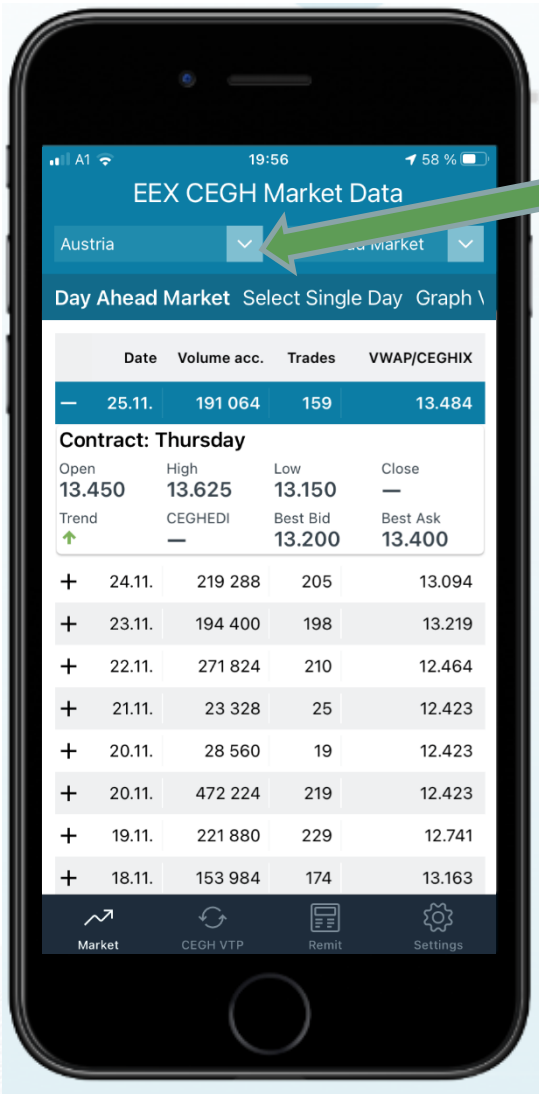


EEX CEGH Gas Exchange Market Data



Select country:
AT or CZ

Select contract



CEGH App



EEX CEGH Gas Exchange Market Data:



Choose „Graph view“

- Graph for Day Ahead and all 1st front Futures contracts:
- Select the time period
- Klick on a single day in the graph to see traded volume and settlement price

CEGH App



CEGH VTP Market Data

- All CEGH VTP nominated volumes directly in the App
- Updated daily at 8:00 a.m. with data of the previous day
- Data for current month are shown accumulated
- Data in the App available since January 2020

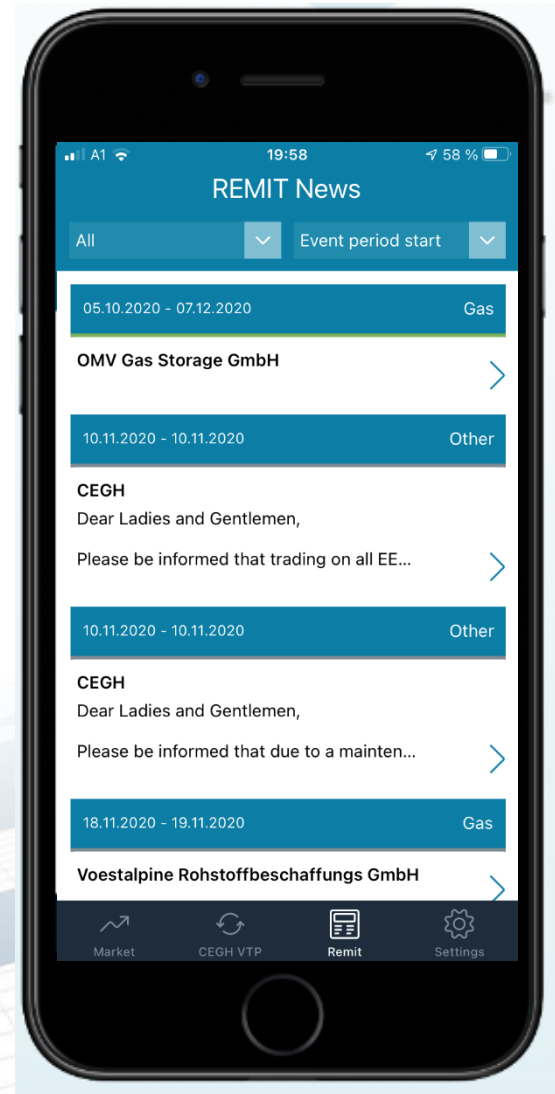
Delivery Month	CEGH VTP volume TWh	Physical volume TWh	Churn rate
— 2020-11	45.34	13.44	3.37
24.11.2020	1.77	0.55	3.20
23.11.2020	1.99	0.59	3.39
22.11.2020	1.89	0.56	3.38
21.11.2020	1.89	0.57	3.33
20.11.2020	1.86	0.56	3.33
19.11.2020	1.71	0.53	3.23
18.11.2020	1.71	0.54	3.18
17.11.2020	1.72	0.51	3.34
16.11.2020	1.76	0.52	3.40
15.11.2020	1.76	0.55	3.21
14.11.2020	1.74	0.54	3.25
13.11.2020	1.76	0.54	3.25

CEGH App



REMIT publications

- Publications at the CEGH REMIT platform also available in the App
- Postings in the App shown for events of the next 2 months
- Receive push notification when a new REMIT posting is published
- Select per category (gas, electricity, other, or all)

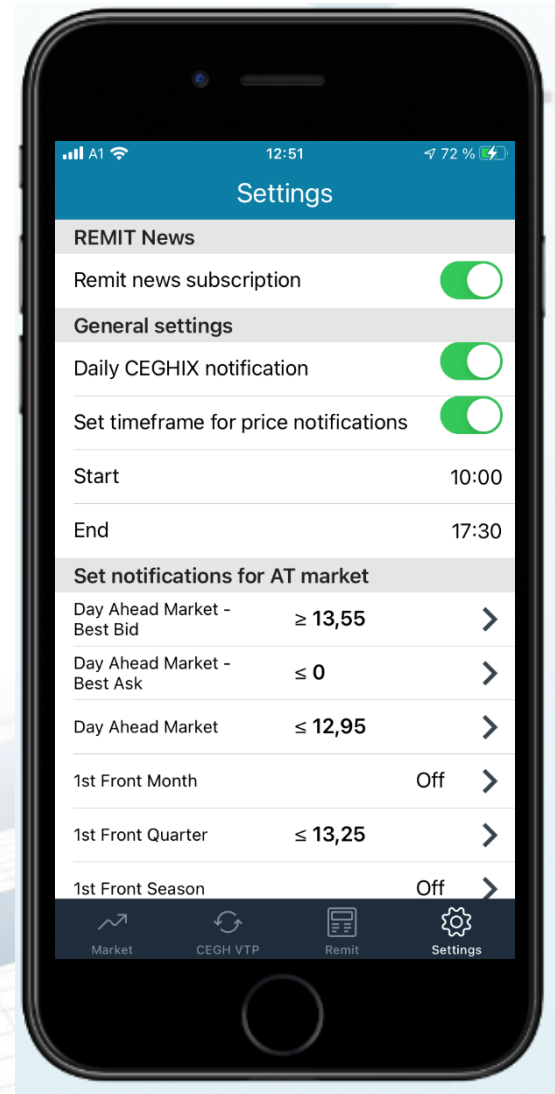


CEGH App



Push Notifications

- When REMIT News are published at the CEGH REMIT platform
- When the CEGHIX is published on the Website at the end of the trading day
- Set individual price notifications for the Austrian and Czech Market for DA and all First Front contracts: „at or below“ or „at or above“
- Choose the time window in which you want to receive the price notifications as a “push” message on your mobile

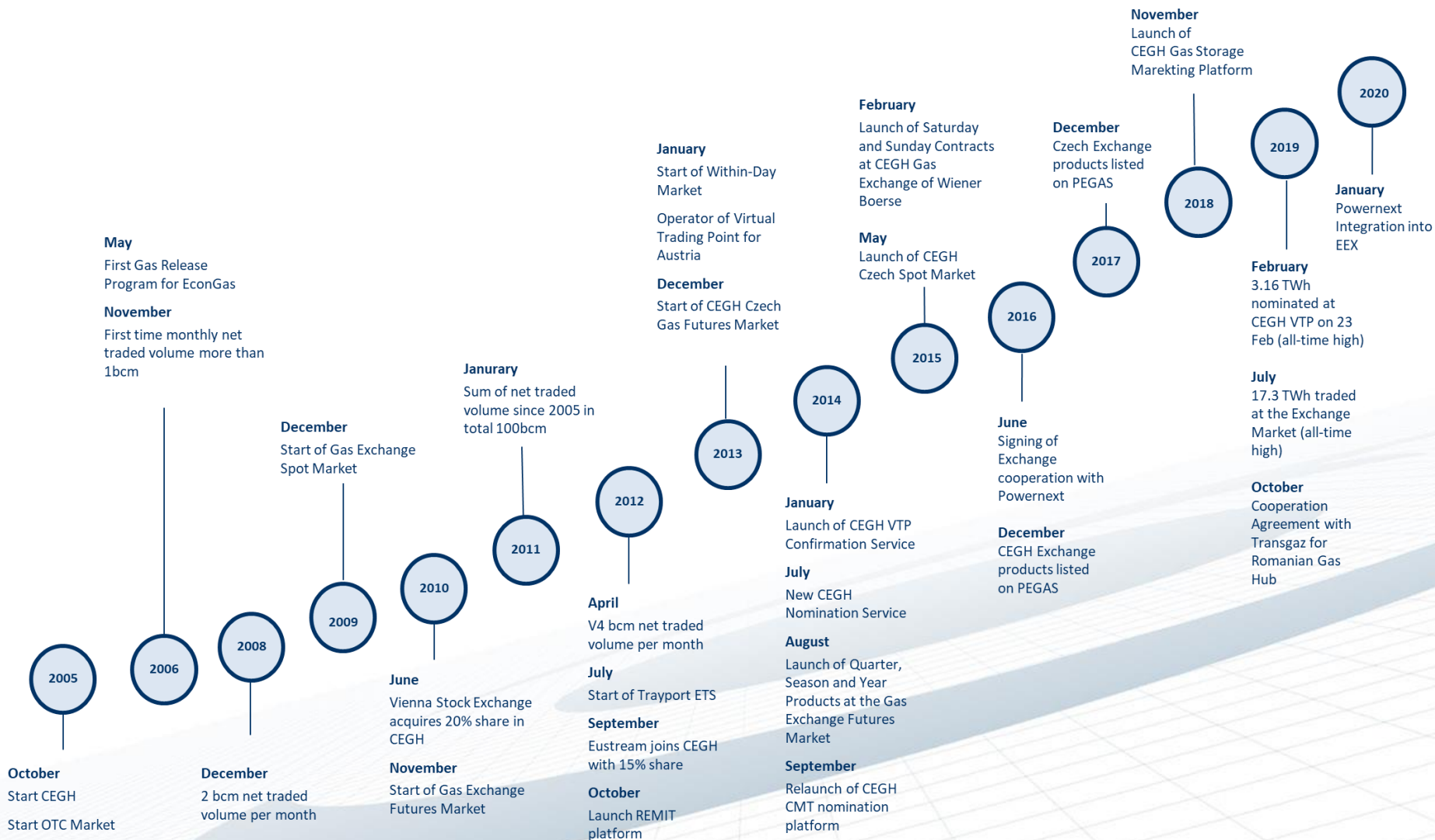


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**Thank you very much
for your attention**

