



Stories of the recent weeks

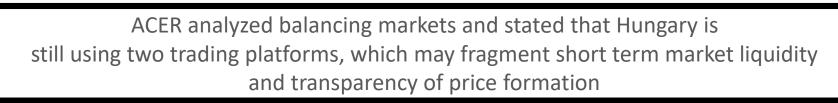
EU announced the Fit for 55 package with the amendment of EU ETS, RED and EED and introduces CBAM among others, while

the hydrogen and gas decarbonization package still awaits until December

US and Germany agreed on Nord Stream 2 with Ukraine receiving 245 million USD, with a possibility to extend the compensation up to 1 billion USD, however this amount is still less than the 2.1 billion USD transit fees received in 2020

> Bulls hit major commodity prices, Henry Hub rose above 4 USD/mmbtu (~12 EUR/MWh), API2 coal rocketed above 140 USD/t, while Brent oil is still above 70 USD/barrel, which could significantly trigger inflation

Wintershall gas producer joint venture companies, had to halt production after the fire occurred at the Gazprom Novy Urengoy condensate processing facility.





Stories of the recent weeks

While the yearly capacity auctions were held successfully on 5th July, the RS>HU direction is yet to come on 6th September as the pipeline is completed and the agreement is signed between Gastrans and FGSZ



RS>HU firm capacity: 245 GWh/day (8.5 bcm/year)

RO>HU firm capacity: 50 GWh/day (1.7 bcm/year)

Szőreg firm withdrawal capacity: 57 GWh/day (2 bcm/year)

Szőreg firm injection capacity: 29 GWh/day (1 bcm/year)

In theory, the TSO pipeline towards Városföld need an upgrade in order to serve all the possible firm capacities

In practice as Szőreg is a strategic storage, it's possible to extend RS>HU capacity without network development as it's unlikely to have high volumes of withdrawal from Szőreg and Serbian or Romanian import at the same time

Disclaimer: This document contains analyst opinions, which don't necessarily represent the official views of HUPX Group or any of its subsidiaries.



1) Kiskundorozsma (RSHU)

2) Csanádpalota (ROHU)

3 Városföld (TSO compressor station)

4) Szőreg (strategic storage)

Allocated gas volumes and capacity bookings

Allocated gas volumes via Hungarian interconnector dropped significantly in 2021, however some notable changes:

- **HR>HU** direction in use with up to 10 GWh/day volumes
- AT>HU flows changes day-by-day
- **HU>UA** flows restarted in June, then increased in July

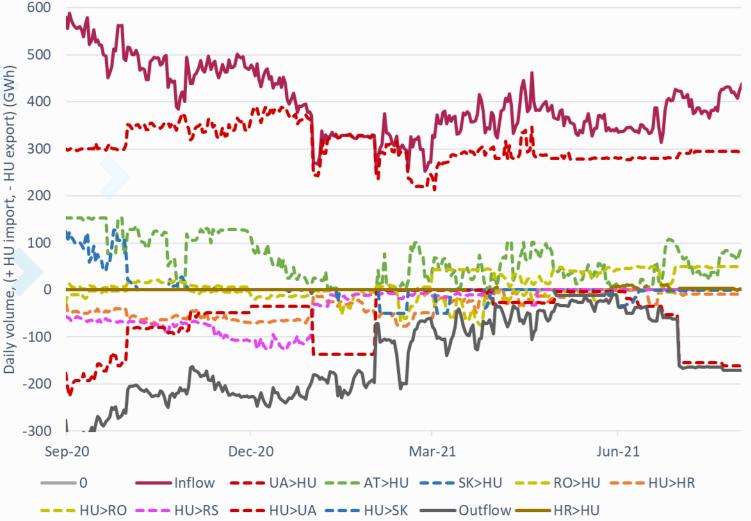
On 5th FGSZ and the adjacent TSOs held the capacity auction for yearly products, where interest was much lower than in the previous years:

- HR>HU less than 1 GWh/day after 10 GWh/day this GY
- UA>HU no booked yearly capacities
- HU>UA 1 GWh/day after 4 GWh/day this GY

Interconnectors, where the booked capacities increased:

- **RO>HU** appeared after GY 2018/19 with 1 GWh/day
- HU>RO is fully booked for next GY
- AT>HU is largely booked for next GY

The bidirectional ROHU booking shows the different expectations of different market participants, while the largely booked AT>HU indicates the expectation that the slightly utilized interconnector can ramp up again.





Source: CEEGEX

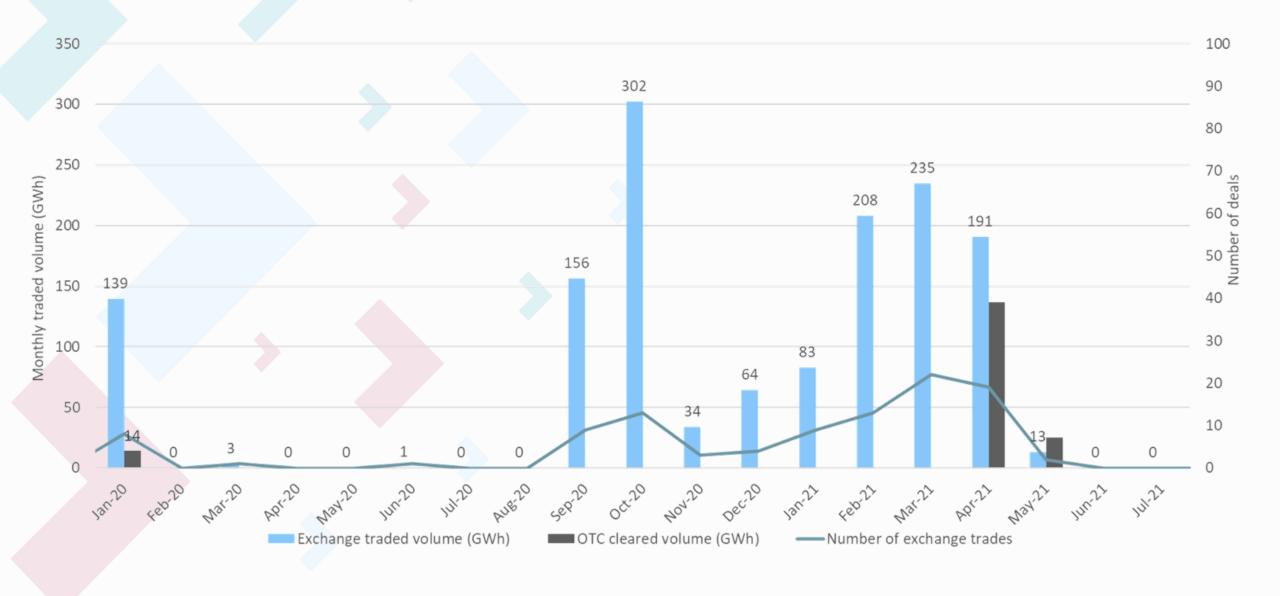
CEEGEX monthly traded volumes



Day-Ahead (TWh) Within-Day (TWh)



HUDEX Natural Gas Segment

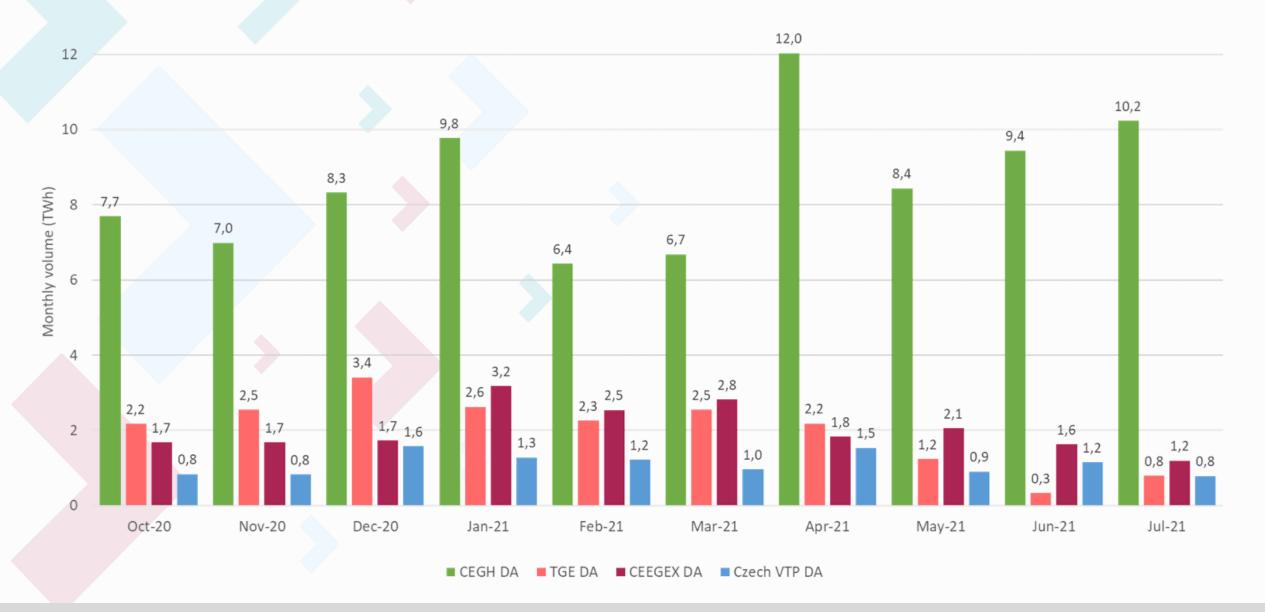


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Source: HUDEX

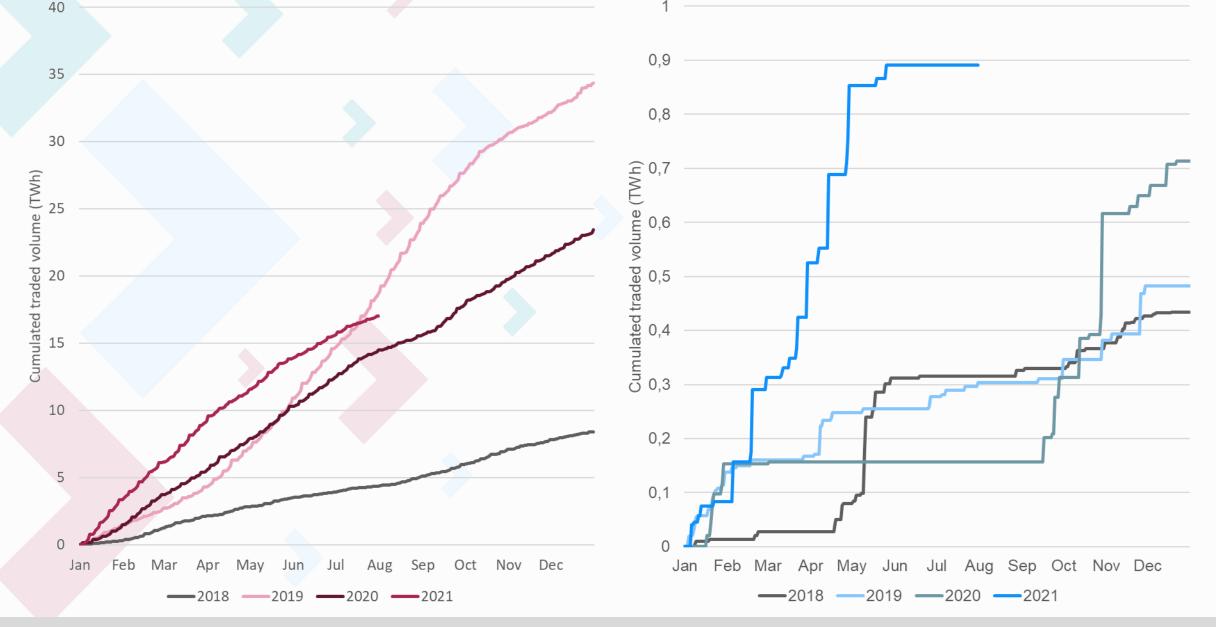


Regional Spot traded volumes





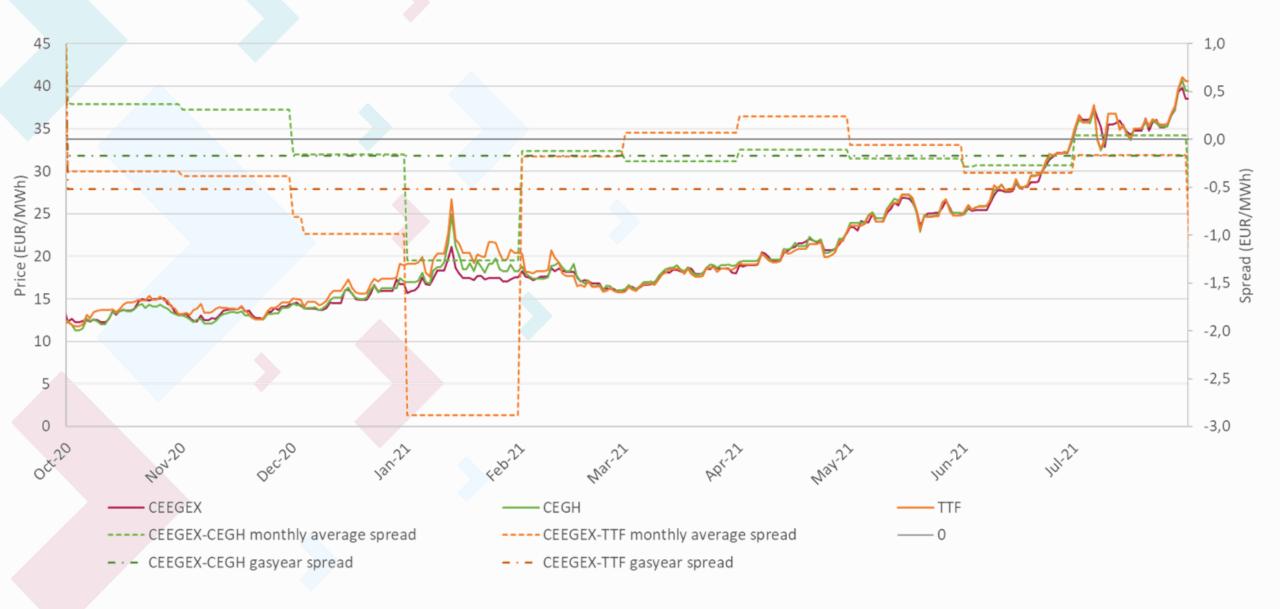
CEEGEX and **HUDEX** Natural Gas cumulative annual volumes





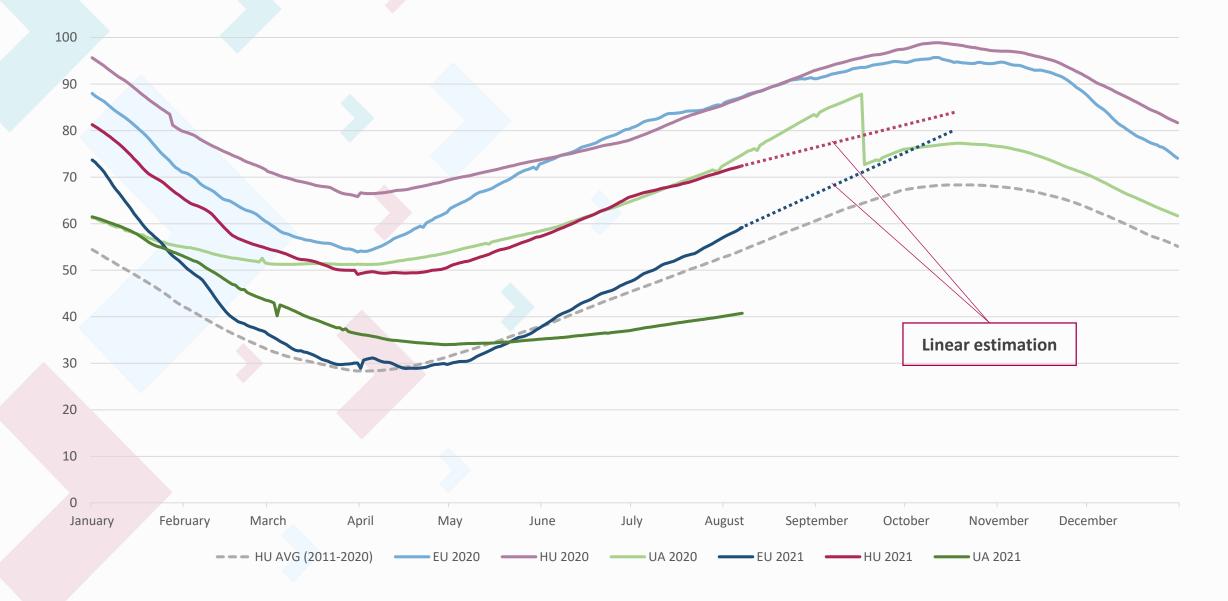
Source: CEEGEX, EEX

Bullish price trend in July again



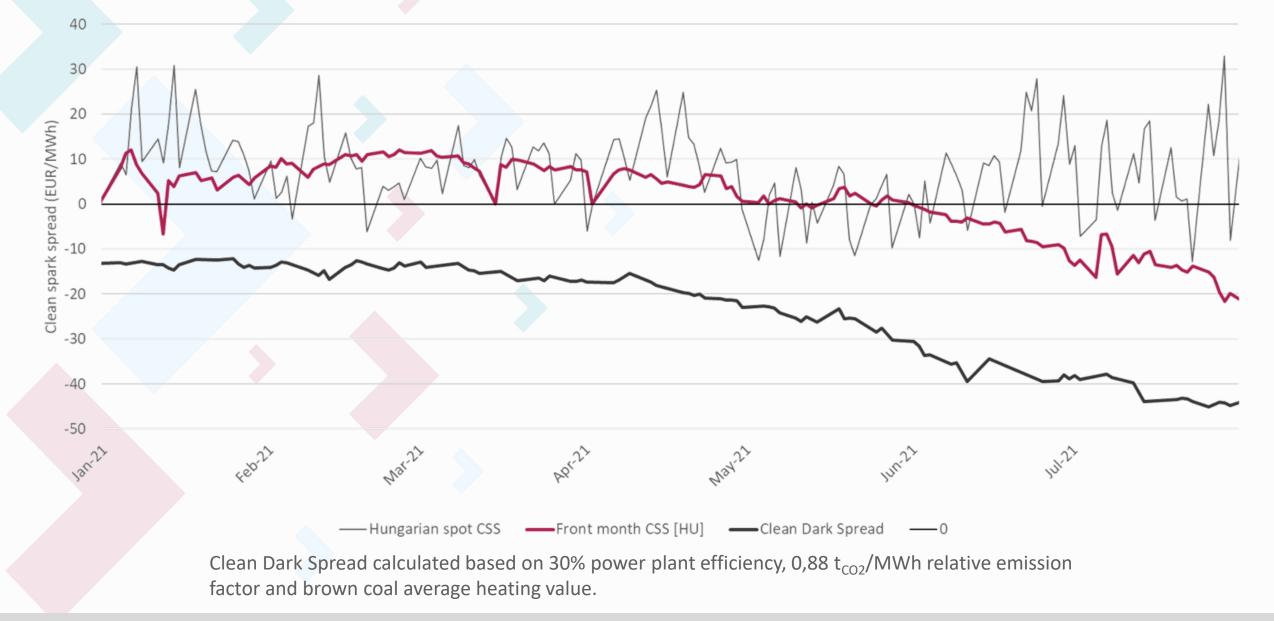


Demand side – Gas storages



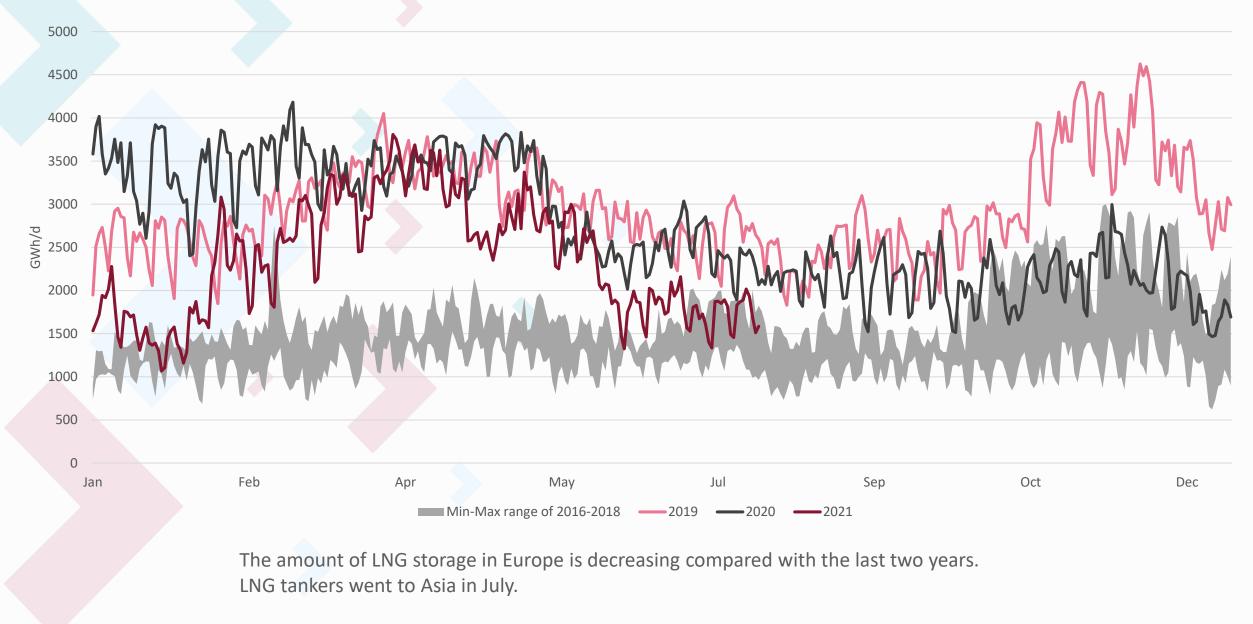


Clean Spark Spread and Clean Dark Spread





LNG send-out in Europe

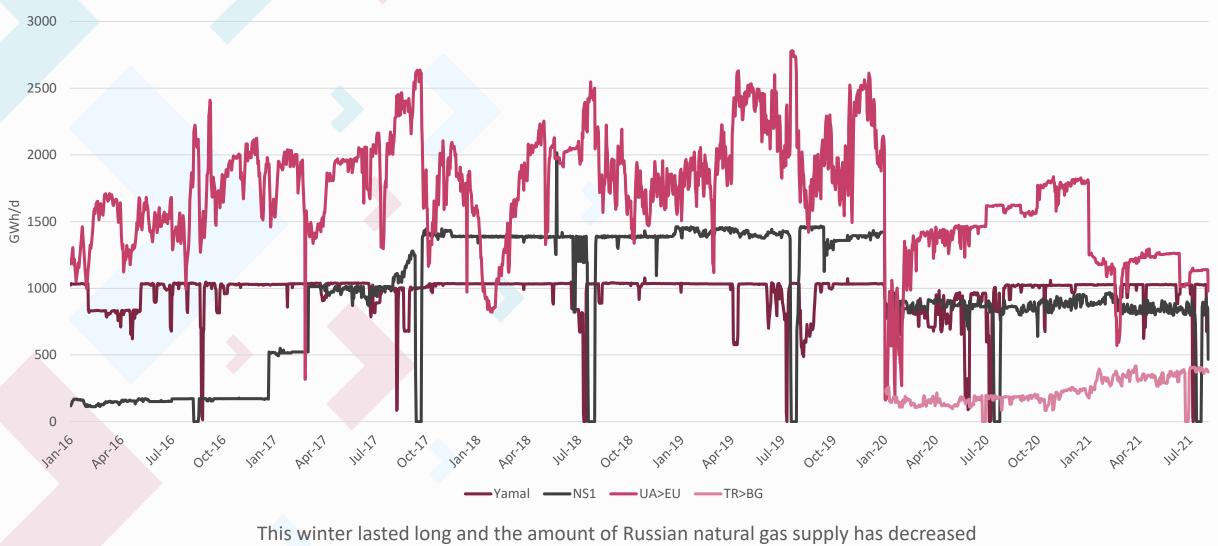


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Ceegex

Entry amount of natural gas



seriously which made the gas price as high as 40€/MWh.

Ссеедех сектем сисона са восмаяс