

Power Derivatives Market Update December 2020

EEX Group Volumes Year 2020 Power Derivatives

Commodity	Year 2020	Year 2019	Change
EEX Power Derivatives Market Europe (MWh)	4,736,334,586	3,972,612,379	19%
German Power Futures	3,006,053,525	2,596,674,325	16%
French Power Futures	550,907,818	356,399,216	55%
Italian Power Futures	545,759,553	568,552,607	-4%
Hungarian Power Futures	220,142,027	124,719,329	77%
Spanish Power Futures	189,399,417	150,853,968	26%
Other CSEE Power Futures ¹	57,665,726	61,684,821	-7%
Dutch Power Futures	47,228,932	31,036,412	52%
Austrian Power Futures	12,937,290	15,081,892	-14%
Swiss Power Futures	7,511,076	8,239,310	-9%
Nordics Power Futures	5,589,278	894,706	525%
Belgian Power Futures	5,235,366	2,350,345	123%
Other Power Futures Markets Europe ²	3,780,493	5,097,724	-26%
UK Power Futures	3,545,992	616,650	475%
Power Options	80,578,093	50,411,074	60%
EEX Power Derivatives Market Japan (MWh)	587,172	n/a	n/a
Nodal Power Derivatives Market US (MWh)	1,718,837,611	1,857,109,762	-7%
EPEX Power Spot Market Europe (MWh) ³	621,608,883	597,982,246	4%
Total Volume EPEX Day-Ahead	510,439,121	506,323,212	1%
Total Volume EPEX Intraday	111,169,762	91,659,033	21%
EEX Group Global Power Total (MWh)	7,077,368,252	6,427,704,387	10%

4,736 TWh
traded in EEX
European Power
in 2020

+10%
overall increase in
EEX Group Power

587.2 GWh
total trading volume
Japanese Power
Derivatives since
launch in May 2020

¹ Includes EEX-PXE Czech, Polish, Slovakian, Slovenian, Serbian, Romanian and Bulgarian Power Futures

² Other markets includes EEX Greek Power Futures and German/Austrian Power Futures.

³ Includes EPEX SPOT, SEEPEX & PXE power spot volumes.

EEX Group Volumes December Power Derivatives

Commodity	December 2020	December 2019	Change
EEX Power Derivatives Market Europe (MWh)	400,475,841	360,290,817	11%
German Power Futures	249,273,758	208,734,137	19%
Italian Power Futures	49,096,540	54,515,928	-10%
French Power Futures	47,947,333	43,023,202	11%
Hungarian Power Futures	18,051,518	12,706,803	42%
Spanish Power Futures	16,323,151	23,817,281	-31%
Other CSEE Power Futures ¹	6,810,382	6,186,162	10%
Austrian Power Futures	3,034,505	4,580,551	-34%
Dutch Power Futures	2,856,985	2,724,513	5%
Swiss Power Futures	1,210,771	2,264,636	-47%
Other Power Futures Markets Europe ²	593,280	13,728	4222%
Nordics Power Futures	564,861	178,275	217%
Belgian Power Futures	440,912	92,346	377%
UK Power Futures	332,845	60,715	448%
Power Options	3,939,000	1,392,540	183%
EEX Power Derivatives Market Japan (MWh)	108,516	n/a	n/a
Nodal Power Derivatives Market US (MWh)	104,797,982	122,117,497	-14%
EPEX Power Spot Market Europe (MWh) ³	55,806,857	53,693,105	4%
Total Volume EPEX Day-Ahead	45,726,374	44,618,011	2%
Total Volume EPEX Intraday	10,080,483	9,075,093	11%
EEX Group Global Power Total (MWh)	561,189,196	536,101,419	5%

+42 %
increase in Hungarian
Power Futures

+448%
increase in UK Power
Futures

55.8 TWh
new high on
European Power Spot
Markets

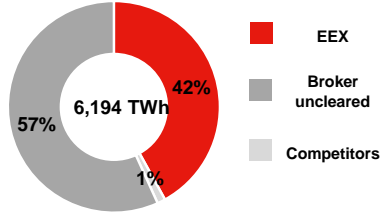
¹ Includes EEX-PXE Czech, Polish, Slovakian, Slovenian, Serbian, Romanian and Bulgarian Power Futures

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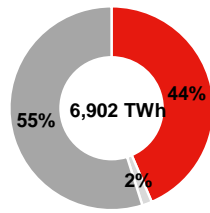
³ Includes EPEX SPOT, SEEPEX & PXE power spot volumes.

EEX German Power Futures

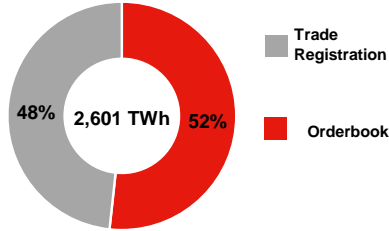
Market structure
Jan 2019 - Dec 2019



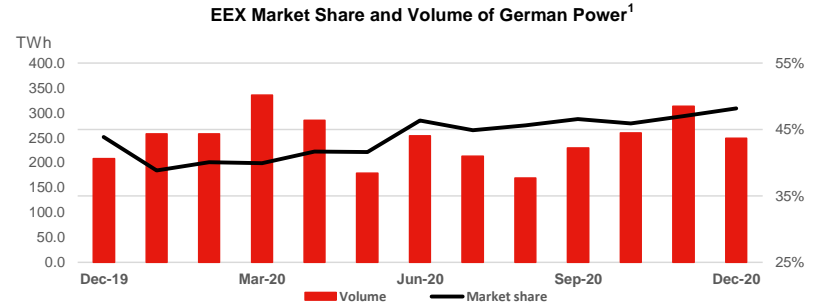
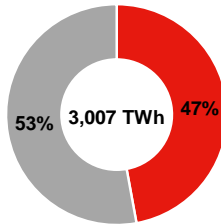
Market structure
Jan 2020 - Dec 2020



EEX Volume Distribution
Jan 2019 - Dec 2019



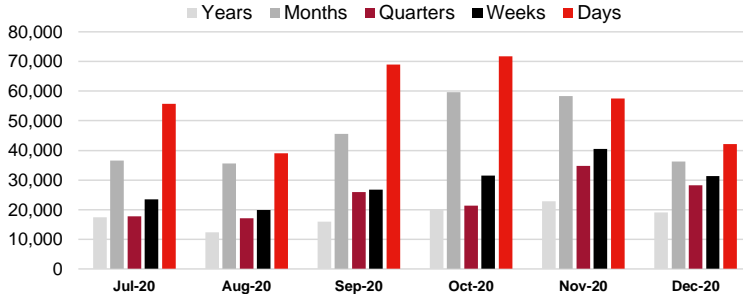
EEX Volume Distribution
Jan 2020 - Dec 2020



Key figures EEX German Power Future - Front Year contract
(monthly average for Price and Open Interest, monthly total for Volume)

Price in €/MWh	45.54	↑	5.19% compared to Dec-19
Open Interest in Lots	138,940	↑	12.97% compared to Dec-19
Volume in TWh	86.66	↑	22.70% compared to Dec-19

Number of cleared contracts for German Products



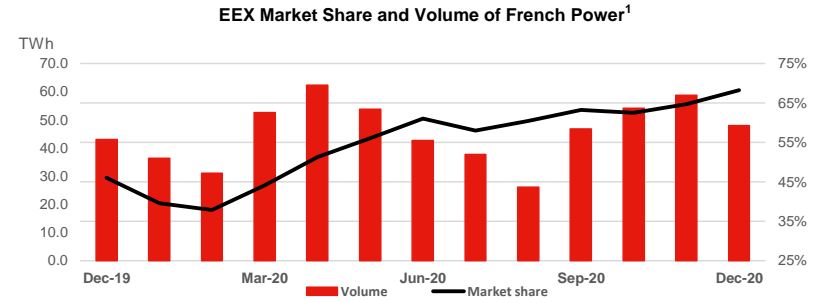
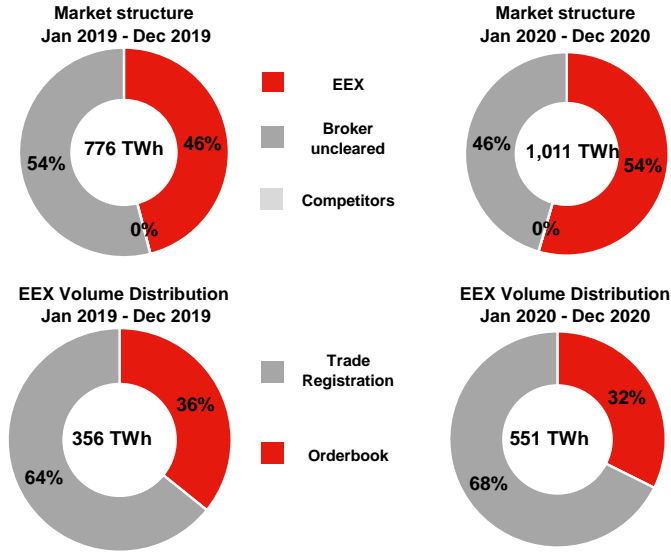
Volatility EEX German Power Future - Front Year contract²



¹ The calculation of EEX' market share is based on the figures published by the exchanges and the London Energy Brokers' Association (LEBA) every month.

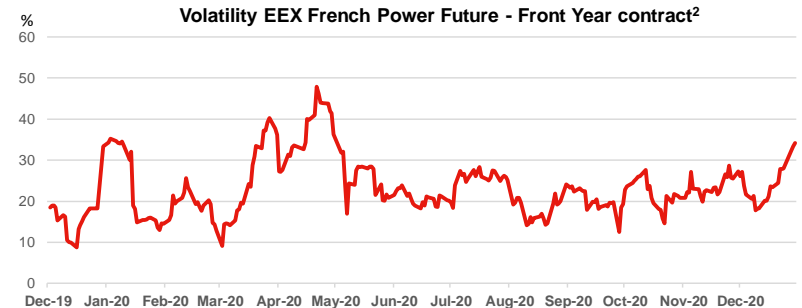
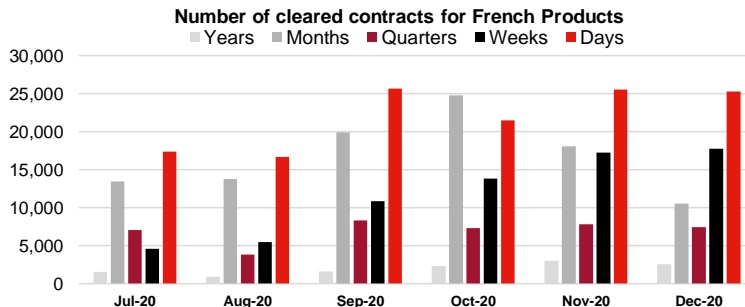
² Source: Thomson Reuters

EEX French Power Futures



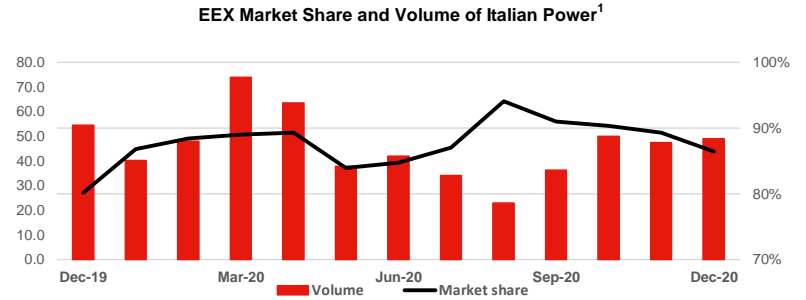
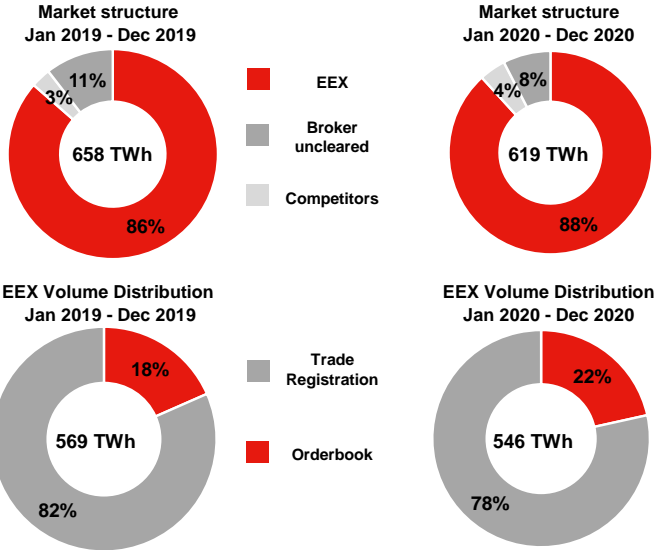
Key figures EEX French Power Future - Front Year contract (monthly average for Price and Open Interest, monthly total for Volume)

Price in €/MWh	49.06 ↑	5.73% compared to Dec-19
Open Interest in Lots	14,028 ↑	39.01% compared to Dec-19
Volume in TWh	11.95 ↑	32.43% compared to Dec-19



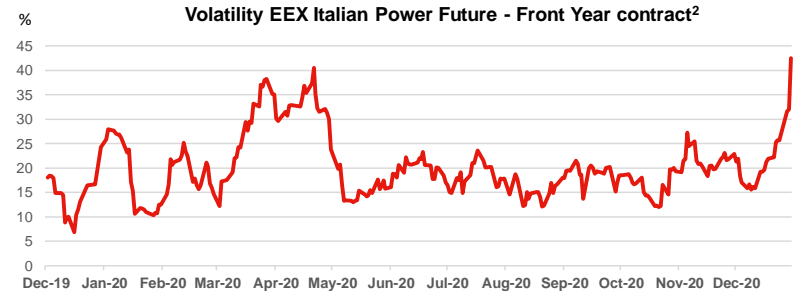
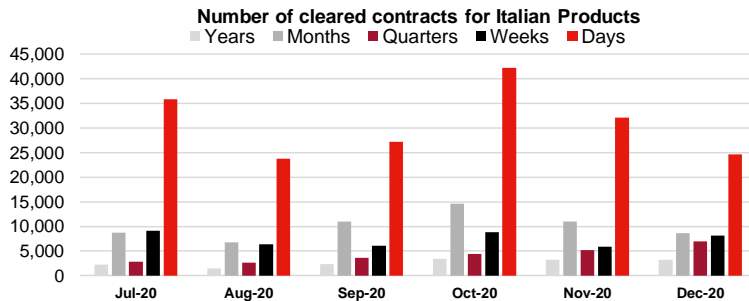
¹ The calculation of EEX' market share is based on the figures published by the exchanges and the London Energy Brokers' Association (LEBA) every month.
² Source: Thomson Reuters

EEX Italian Power Futures



Key figures EEX Italian Power Future - Front Year contract (monthly average for Price and Open Interest, monthly total for Volume)

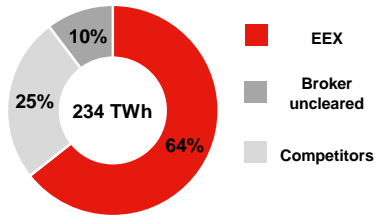
Price in €/MWh	53.69	↓ -1.14% compared to Dec-19
Open Interest in Lots	23,771	↓ -7.72% compared to Dec-19
Volume in TWh	17.48	↓ -31.24% compared to Dec-19



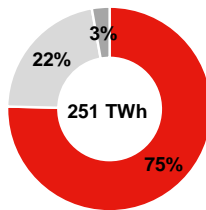
¹ The calculation of EEX' market share is based on the figures published by the exchanges and the London Energy Brokers' Association (LEBA) every month.
² Source: Thomson Reuters

EEX Spanish Power Futures

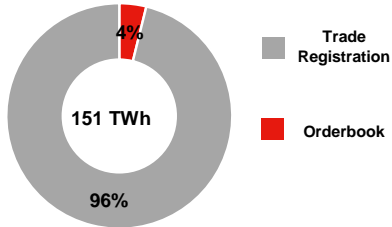
Market structure
Jan 2019 - Dec 2019



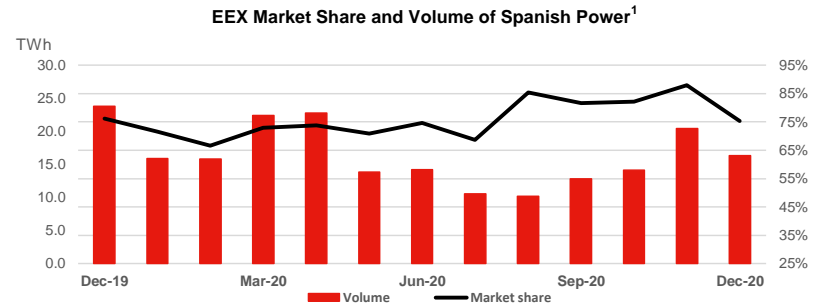
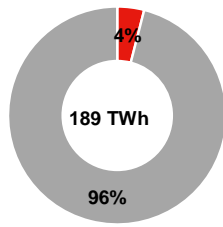
Market structure
Jan 2020 - Dec 2020



EEX Volume Distribution
Jan 2019 - Dec 2019



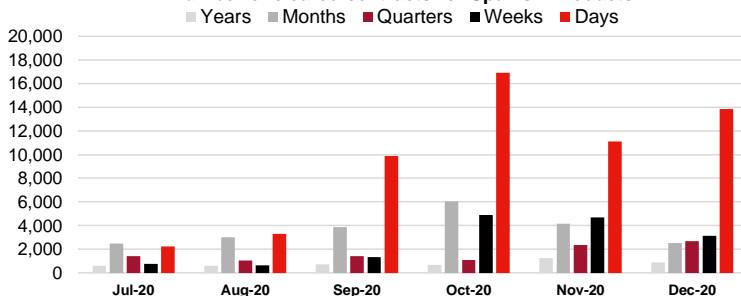
EEX Volume Distribution
Jan 2020 - Dec 2020



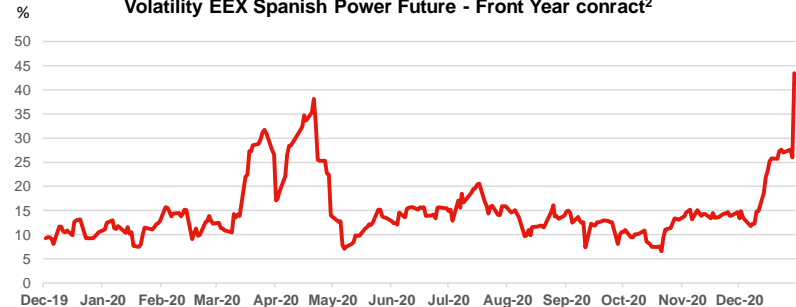
Key figures EEX Spanish Power Future - Front Year contract
(monthly average for Price and Open Interest, monthly total for Volume)

Price in €/MWh	48.16	↓	-1.30% compared to Dec-19
Open Interest in Lots	6,200	↑	31.00% compared to Dec-19
Volume in TWh	4.57	↑	2.58% compared to Dec-19

Number of cleared contracts for Spanish Products



Volatility EEX Spanish Power Future - Front Year contract²

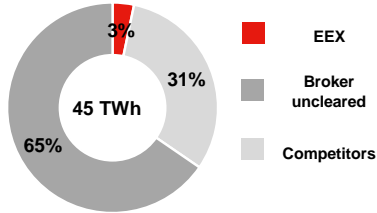


¹ The calculation of EEX' market share is based on the figures published by the exchanges and the London Energy Brokers' Association (LEBA) every month.

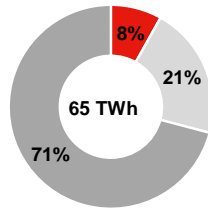
² Source: Thomson Reuters

EEX Belgian Power Futures

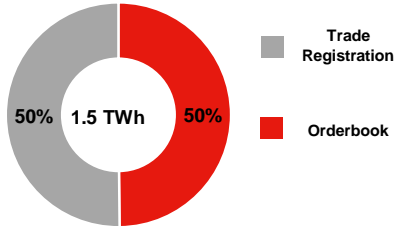
Market structure
Jan 2019 - Dec 2019



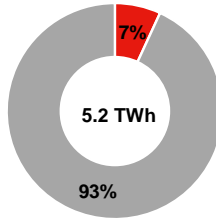
Market structure
Jan 2020 - Dec 2020



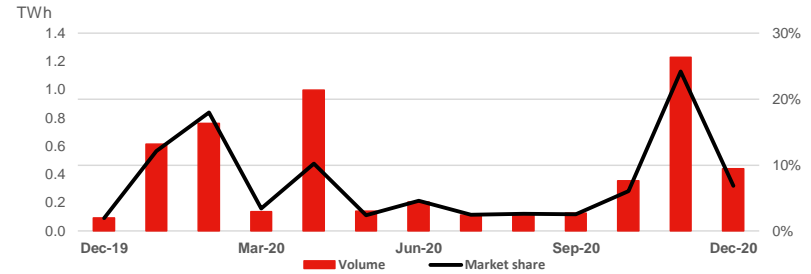
EEX Volume Distribution
Jan 2019 - Dec 2019



EEX Volume Distribution
Jan 2020 - Dec 2020

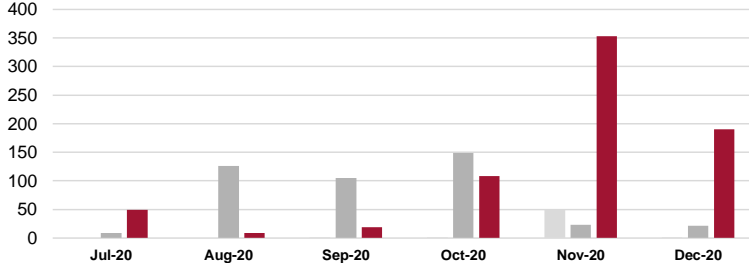


EEX Market Share and Volume of Belgian Power¹



Key figures EEX Belgian Future - Front Year contract (monthly average for Price and Open Interest, monthly total for Volume)			
Price in €/MWh	45.50	↓	-0.57% compared to Dec-19
Open Interest in Lots	307	↑	368.34% compared to Dec-19
Volume in TWh	0.01		no data compared to Dec-19

Number of cleared contracts for Belgian Products



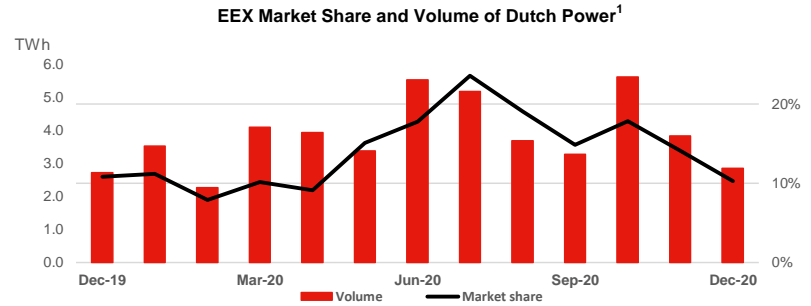
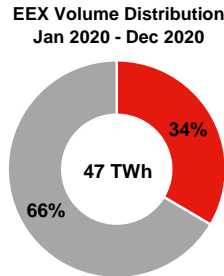
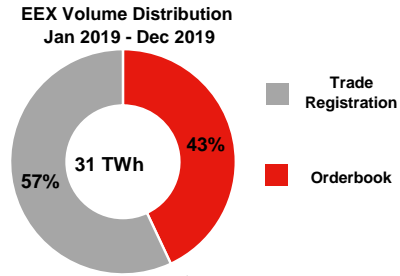
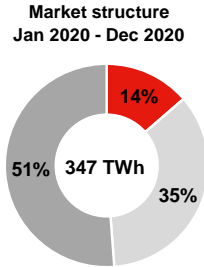
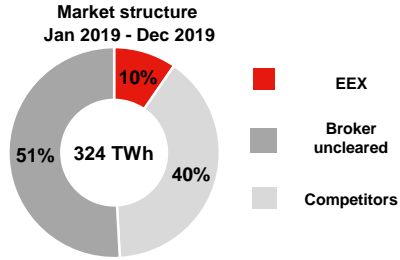
Volatility EEX Belgian Power Future - Front Year contract²



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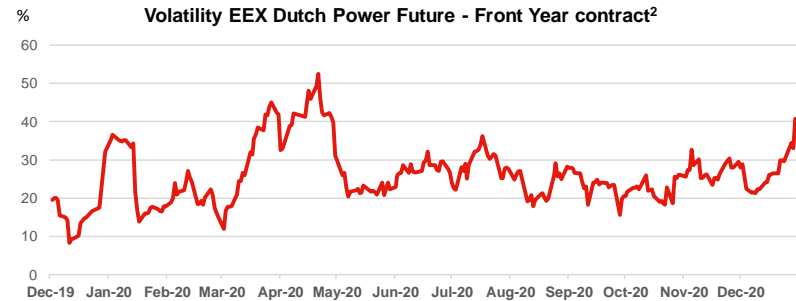
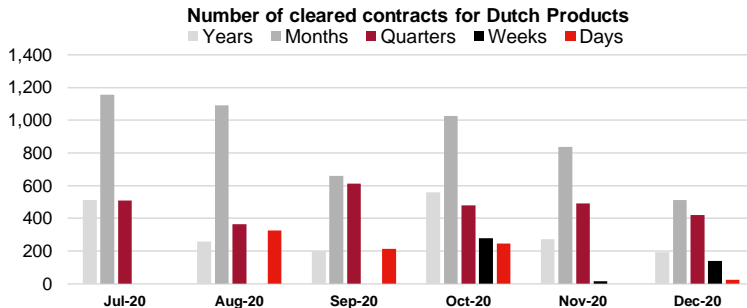
² Source: Thomson Reuters

EEX Dutch Power Futures



Key figures EEX Dutch Power Future - Front Year contract (monthly average for Price and Open Interest, monthly total for Volume)

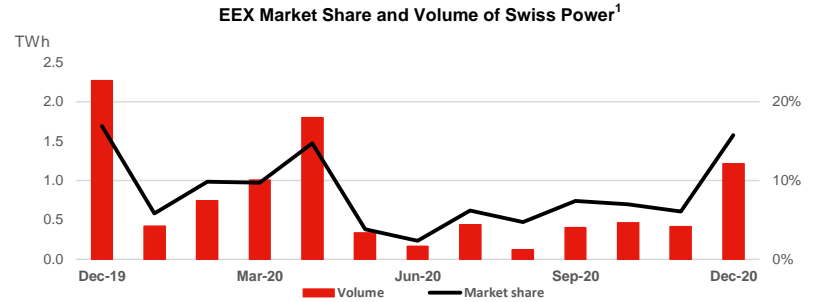
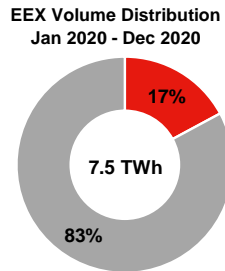
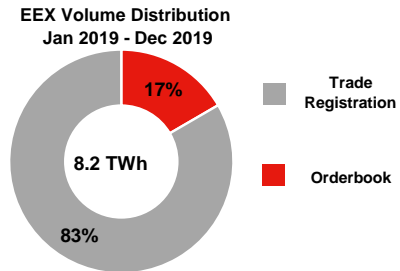
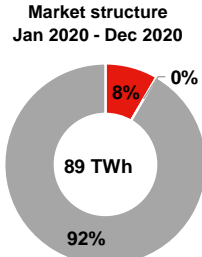
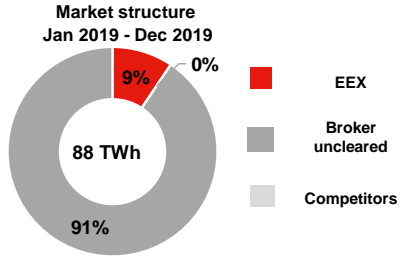
Price in €/MWh	45.65	↑	1.91% compared to Dec-19
Open Interest in Lots	1,490	↓	-15.67% compared to Dec-19
Volume in TWh	0.72	↑	10.81% compared to Dec-19



¹ The calculation of EEX' market share is based on the figures published by the exchanges and the London Energy Brokers' Association (LEBA) every month.

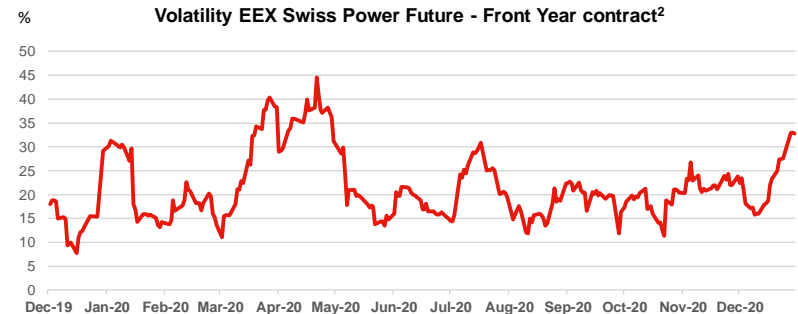
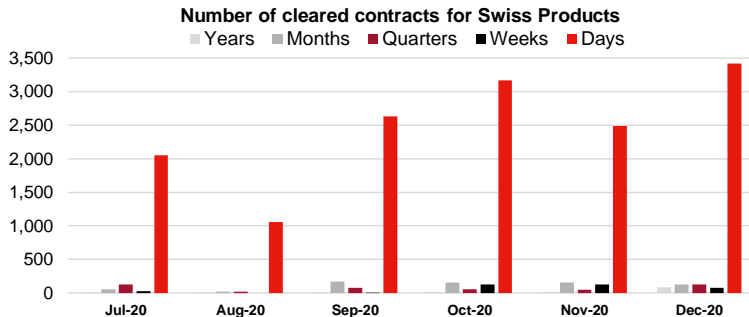
² Source: Thomson Reuters

EEX Swiss Power Futures



Key figures EEX Swiss Power Future - Front Year contract (monthly average for Price and Open Interest, monthly total for Volume)

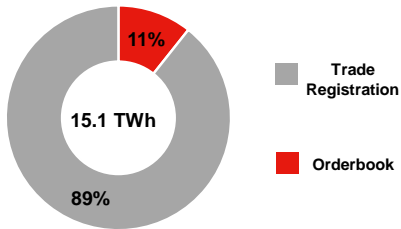
Price in €/MWh	49.12	↑	3.26% compared to Dec-19
Open Interest in Lots	205	↓	-24.14% compared to Dec-19
Volume in TWh	0.65	↓	-63.73% compared to Dec-19



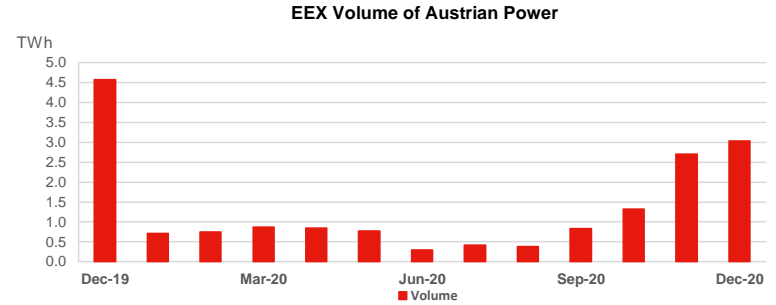
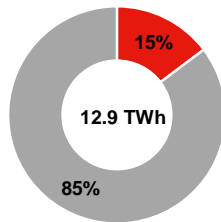
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² Source: Thomson Reuters

EEX Austrian Power Futures

**EEX Volume Distribution
Jan 2019 - Dec 2019**



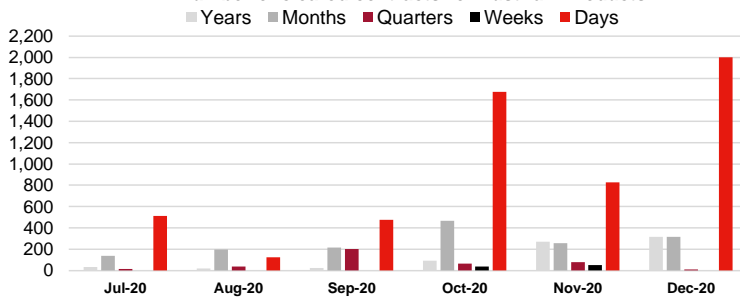
**EEX Volume Distribution
Jan 2020 - Dec 2020**



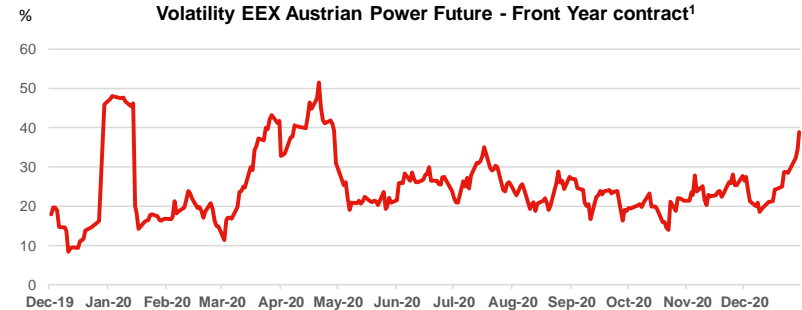
**Key figures EEX Austrian Power Future - Front Year contract
(monthly average for Price and Open Interest, monthly total for Volume)**

Price in €/MWh	47.78 ↑	4.04% compared to Dec-19
Open Interest in Lots	619 ↑	11.96% compared to Dec-19
Volume in TWh	2.72 ↓	-26.37% compared to Dec-19

Number of cleared contracts for Austrian Products

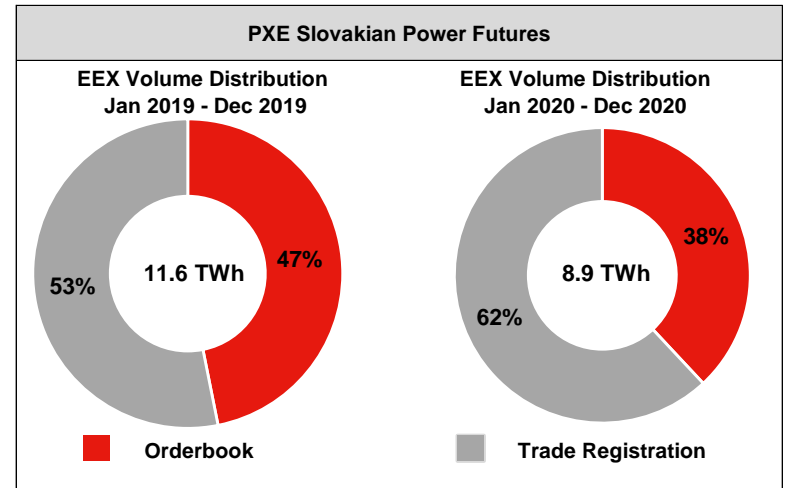
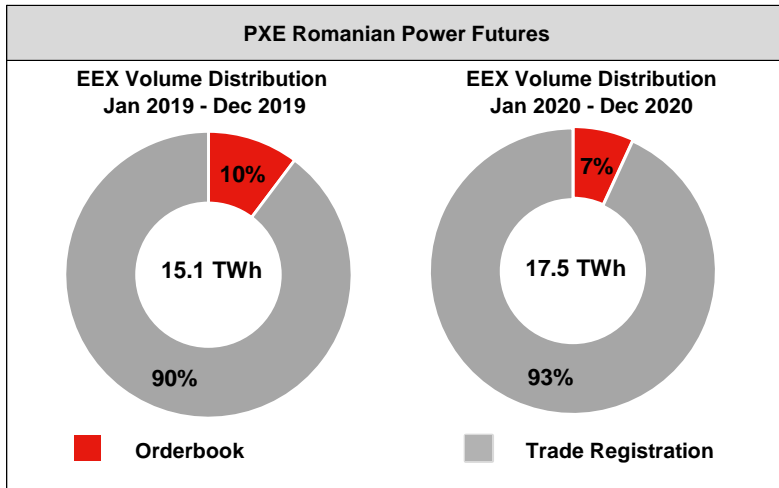
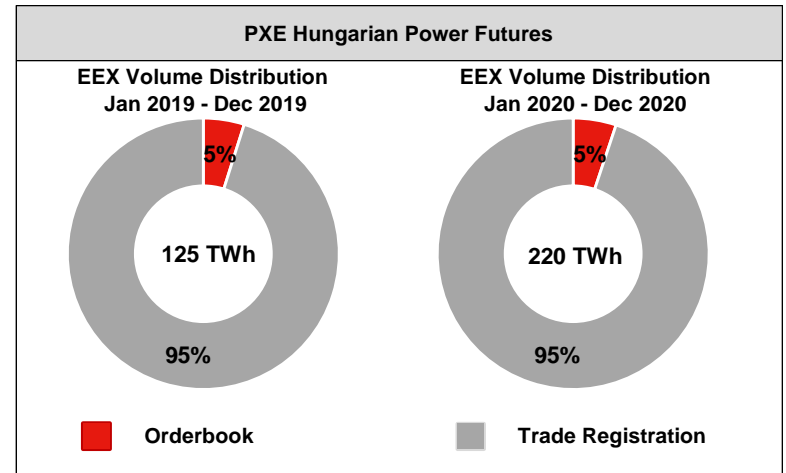
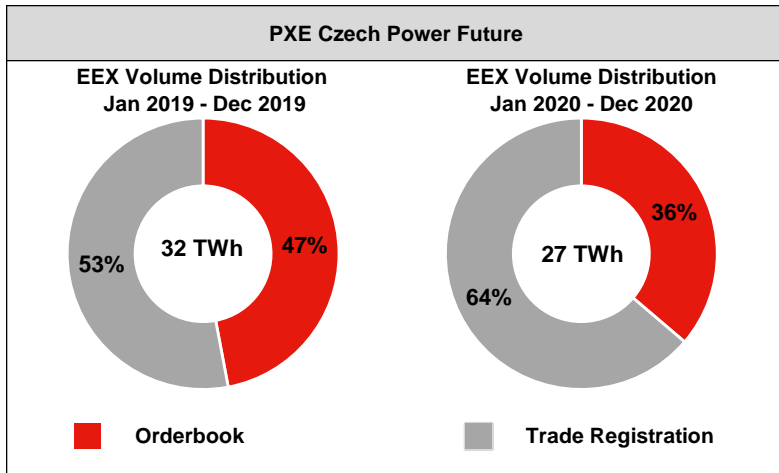


Volatility EEX Austrian Power Future - Front Year contract¹



¹ Source: Thomson Reuters

EEX Eastern-European Power Futures



Other EEX Power Derivatives Markets

Product	EEX Volume Jan 2020 – Dec 2020	EEX Volume Jan 2019 – Dec 2019
Greek Power Futures	3.23 TWh	0.73 TWh
Nordic Power Futures	5.59 TWh	0.89 TWh
GB Power Futures	3.55 TWh	0.62 TWh
PXE Polish Power Futures	0.03 TWh	0.29 TWh
PXE Slovenian Power Futures	2.23 TWh	1.62 TWh
PXE Bulgarian Power Futures	1.64 TWh	1.55 TWh
PXE Serbian Power Futures	0.26 TWh	0.01 TWh
Japanese Power Futures	0.59 TWh	/ (launched in May 2020)

EEX Options on Power Futures

German Power Options	Volume Jan 2020 – Dec 2020	79.0 TWh
	Volume Jan 2019 – Dec 2019	49.2 TWh

Other EEX Power Options	
Product	Volume (Jan 2020 – Dec 2020)
French Power Options	0.979 TWh
Spanish Power Options	0.374 TWh
Italian Power Options	0.223 TWh

Thank you

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