

SUMMARY OF TRADING ACTIVITY AT TGE MARKETS

FEBRUARY 2019

ELECTRICITY

THE VOLUME OF TRADING IN ELECTRICITY (MWh)



Total Volume	16 434 002	+78,6% (YoY)
Commodity Forward Instruments Market (CFIM)	13 791 215	+95,00% (YoY)
Spot Market	2 642 787	+24,2% (YoY)

THE WEIGHTED AVERAGE PRICE

Day Ahead Market **213,21** (PLN/MWh)

↓ -33,03 (PLN/MWh) (m/m)

Contract with base load delivery in 2020 (BASE_Y-20) **262,15** (PLN/MWh)

↓ -12,33 (PLN/MWh) (m/m)

NATURAL GAS

THE VOLUME OF TRADING IN NATURAL GAS (MWh)



Total Volume

6 470 135

↓ -31,0% (YoY)

Commodity Forward Instruments Market (CFIMg)

4 960 673

↓ -4,7% (YoY)

DAMg | IDMg

1 509 462

↓ -63,9% (YoY)

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DAM&IDMg **86,60** (PLN/MWh)

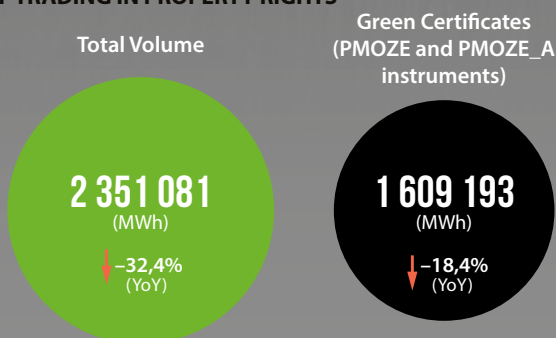
↓ -16,60 (PLN/MWh) (m/m)

Contract with base load delivery in 2020 (BASE_Y-20) **98,03** (PLN/MWh)

↓ -1,17 (PLN/MWh) (m/m)

PROPERTY RIGHTS

THE VOLUME OF TRADING IN PROPERTY RIGHTS



Total Volume

2 351 081

(MWh)

↓ -32,4% (YoY)

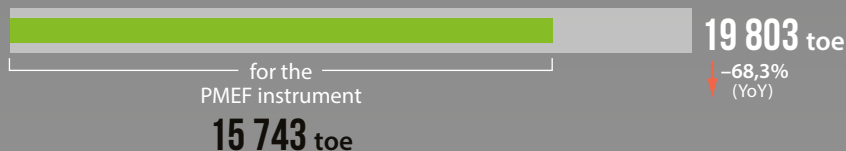
Green Certificates (PMOZE and PMOZE_A instruments)

1 609 193

(MWh)

↓ -18,4% (YoY)

THE VOLUME FOR PROPERTY RIGHTS RELATED TO ENERGY EFFICIENCY



19 803 toe

↓ -68,3% (YoY)

for the PMEF instrument

15 743 toe

THE WEIGHTED AVERAGE PRICE

PMOZE_A Instrument **118,25** (PLN/MWh)

↓ -21,55 (PLN/MWh) (m/m)

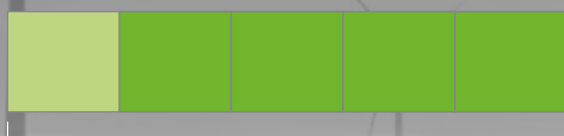
THE WEIGHTED AVERAGE PRICE DURING MARKET SESSIONS

PMEF Instrument **322,99** (PLN/toe)

↑ +71,19 (PLN/toe) (m/m)

GUARANTEES OF ORIGIN REGISTER

THE VOLUME OF TRANSACTIONS CONCLUDED IN THE GUARANTEES OF ORIGIN REGISTER



1 689 123
(MWh)

THE WEIGHTED AVERAGE PRICE

0,96 (PLN/MWh) $\uparrow +0,28$ (PLN/MWh)
(m/m)

STEAM COAL



PSCMI 1

THE PRICE INDEX PSCMI 1

based on the ex-works pricing data for supplied by the Industrial Development Agency (ARP) for utility and industrial power generation sector at the end of January 2019

254,77 PLN/t

$\uparrow +5,38\%$
(*)



11,86 PLN/GJ

$\uparrow +6,86\%$
(*)

THE PRICE PER 1 GJ OF ENERGY

PSCMI 2

THE PRICE INDEX PSCMI 2

which reflects prices for industrial and municipal CHP plants

300,91 PLN/t

$\downarrow -3,45\%$
(*)



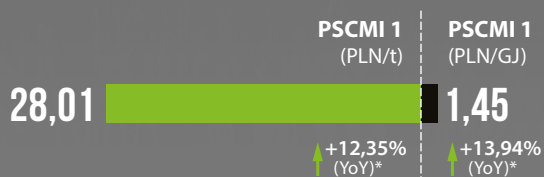
12,61 PLN/GJ

$\downarrow -1,64\%$
(*)

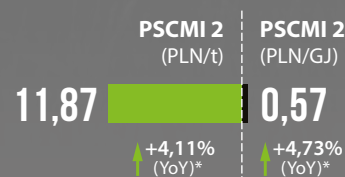
THE PRICE PER 1 GJ OF ENERGY

(*) compared to December 2018

THE CHANGE OF MONTHLY INDICES



THE CHANGE OF MONTHLY INDICES



* compared to January 2018

NEW PARTICIPANTS

The end of February 2019

3 738
members

Certificate of Origin
Register

76

companies
Commodity Market
(CM)

482

members
Guarantees of Origin
Register

**MONTHLY
VOLUME
(MWh)**
**VOLUME
IN PREVIOUS MONTH
(MWh)**
**MONTHLY VOLUME
IN PREVIOUS YEAR
(MWh)**
ELECTRICITY

IDM	3 266	3 337	6 081
DAM	2 639 520	2 915 388	2 121 472
CFIM	13 791 215	5 783 802	7 072 569
TOTAL	16 434 002	8 702 527	9 200 122

NATURAL GAS

IDMg	356 238	517 694	737 389
DAMg	1 153 224	2 693 016	3 440 448
CFIMg	4 960 673	6 516 938	5 203 931
TOTAL	6 470 135	9 727 648	9 381 768

PROPERTY RIGHTS FOR ELECTRICITY

GREEN CERTIFICATES	1 609 193	2 366 191	1 973 059
PRM sessions	911 896	741 110	887 027
OTC	697 298	1 625 081	1 086 032
BLUE CERTIFICATES	50 779	46 185	46 632
PRM sessions	42 314	35 819	34 096
OTC	8 465	10 365	12 535
YELLOW CERTIFICATES	360 972	345 845	656 422
PRM sessions	294 936	308 734	290 792
OTC	66 037	37 111	365 630
RED CERTIFICATES	294 523	254 206	772 183
PRM sessions	211 062	171 153	268 020
OTC	83 461	83 053	504 163
PURPLE CERTIFICATES	35 613	123 722	30 555
PRM sessions	35 613	35 097	30 555
OTC	0	88 625	0
TOTAL	2 351 081	3 136 149	3 478 850

PROPERTY RIGHTS FOR ENERGY EFFICIENCY

PRM sessions	18 717	21 039	60 690
OTC	1 086	650	1 728
TOTAL	19 803	21 689	62 418