

SUMMARY OF TRADING ACTIVITY AT TGE MARKETS

JANUARY 2019

ELECTRICITY

THE VOLUME OF TRADING IN ELECTRICITY (MWh)



Total Volume	8 702 527	↓ -20,1% (YoY)
Commodity Forward Instruments Market (CFIM)	5 783 802	↓ -30,6% (YoY)
Spot Market	2 918 725	↑ +13,9% (YoY)

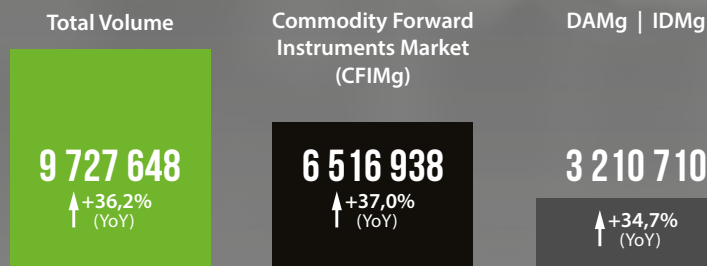
↑
THE HIGHEST LEVEL
IN THE HISTORY OF TGE

THE WEIGHTED AVERAGE PRICE

Day Ahead Market	246,24 (PLN/MWh)	↑ +28,23 (PLN/MWh) (m/m)
Contract with base load delivery in 2020 (BASE_Y-20)	274,48 (PLN/MWh)	↓ -0,76 (PLN/MWh) (m/m)

NATURAL GAS

THE VOLUME OF TRADING IN NATURAL GAS (MWh)

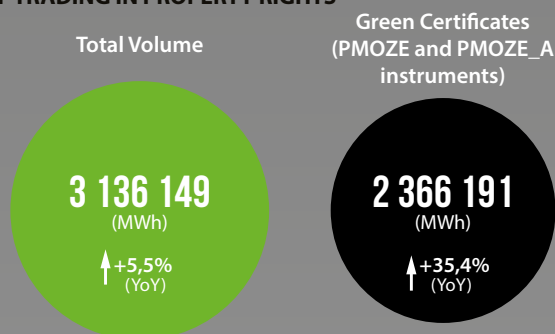


THE WEIGHTED AVERAGE PRICE

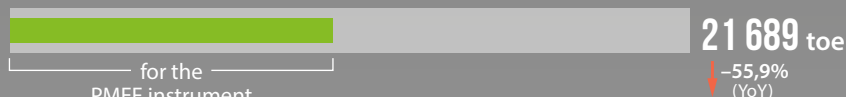
DAM&IDMg	103,20 (PLN/MWh)	↓ -8,45 (PLN/MWh) (m/m)
Contract with base load delivery in 2020 (BASE_Y-20)	99,20 (PLN/MWh)	↓ -2,37 (PLN/MWh) (m/m)

PROPERTY RIGHTS

THE VOLUME OF TRADING IN PROPERTY RIGHTS



THE VOLUME FOR PROPERTY RIGHTS RELATED TO ENERGY EFFICIENCY



10 310 toe

FOR THE FIRST TIME IN THE HISTORY OF THE MARKET, TRADING IN THE PMEF INSTRUMENT REPRESENTED A MINORITY OF THE VOLUME (47.5%) OF ALL INSTRUMENTS FOR ENERGY EFFICIENCY

THE WEIGHTED AVERAGE PRICE

PMOZE_A Instrument	139,80 (PLN/MWh)	↓ -13,27 (PLN/MWh) (m/m)
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THE WEIGHTED AVERAGE PRICE DURING MARKET SESSIONS

PMEF Instrument	251,80 (PLN/toe)	↓ -70,11 (PLN/toe) (m/m)
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GUARANTEES OF ORIGIN REGISTER

THE VOLUME OF TRANSACTIONS CONCLUDED IN THE GUARANTEES OF ORIGIN REGISTER



THE WEIGHTED AVERAGE PRICE

0,68 (PLN/MWh) ↑ +0,17 (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 December 2018

241,76 PLN/t

↓ -3,60%
(*)



11,10 PLN/GJ

↓ -2,03%
(*)

THE PRICE PER 1 GJ
OF ENERGY

PSCMI 2

THE PRICE INDEX PSCMI 2

which reflects prices for industrial and municipal CHP plants

311,66 PLN/t

↑ +4,85%
(*)



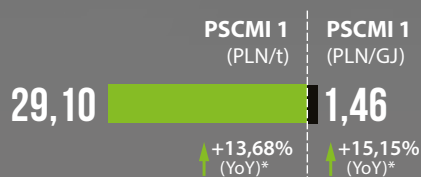
12,82 PLN/GJ

↑ +3,22%
(*)

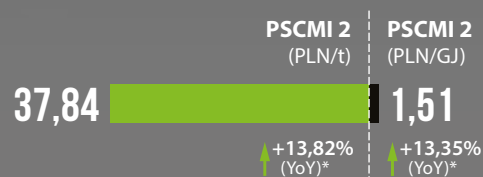
THE PRICE PER 1 GJ
OF ENERGY

(*) compared to November 2018

THE CHANGE OF MONTHLY INDICES



THE CHANGE OF MONTHLY INDICES



* compared to December 2017

NEW PARTICIPANTS

The end of January 2019

3 713
members

Certificate of Origin
Register

76

companies
Commodity Market
(CM)

454

members
Guarantees of Origin
Register

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

IDM	3 337	2 542	14 962
DAM	2 915 388	2 705 589	2 548 094
CFIM	5 783 802	12 735 089	8 333 398
TOTAL	8 702 527	15 443 219	10 896 454

NATURAL GAS

IDMg	517 694	495 008	749 968
DAMg	2 693 016	2 059 152	1 634 400
CFIMg	6 516 938	8 945 087	4 758 030
TOTAL	9 727 648	11 499 247	7 142 398

PROPERTY RIGHTS FOR ELECTRICITY

GREEN CERTIFICATES	2 366 191	2 288 989	1 748 099
PRM sessions	741 110	884 185	765 261
OTC	1 625 081	1 404 804	982 839
BLUE CERTIFICATES	46 185	48 854	48 420
PRM sessions	35 819	43 683	32 861
OTC	10 365	5 171	15 559
YELLOW CERTIFICATES	345 845	554 151	466 045
PRM sessions	308 734	152 381	245 151
OTC	37 111	401 770	220 894
RED CERTIFICATES	254 206	771 566	687 359
PRM sessions	171 153	272 495	229 369
OTC	83 053	499 072	457 990
PURPLE CERTIFICATES	123 722	19 643	23 503
PRM sessions	35 097	19 643	23 503
OTC	88 625	0	0
TOTAL	3 136 149	3 683 204	2 973 426

PROPERTY RIGHTS FOR ENERGY EFFICIENCY

PRM sessions	21 039	18 918	45 651
OTC	650	11 612	3 523
TOTAL	21 689	30 530	49 174