



# H1 2015 key financial parameters



TAURON Gr	oup's H1 2015 res	ults
[PLN m]		
Sales revenue	9 184	(-0.5% yoy)
EBITDA	1 915	(-4.0% yoy)
Net profit	720	(-1.8% yoy)
CAPEX	1 771	(41.6% yoy)
Net debt/EBITDA	1.93x	(up 0.25 yoy)

Key segments' H1 2015 results						
[PLN m]	Distribution	Supply	Generation	Mining		
Segment's revenue	3 228	8 094	2 675	542		
EBITDA	1 243	335	473	(158)		
EBIT	758	330	182	(214)		
CAPEX	696	3	886	146		

# Q2 2015 key financial parameters



TAURON Group's Q2 2015 results						
[PLN m]						
Sales revenue	4 430	(2.1% yoy)				
EBITDA	894	(-1.4% yoy)				
Net profit	218	(-35.1% yoy)				
CAPEX	979	(43.0% yoy)				
Net debt/EBITDA	1.93x	(up 0.25 yoy)				

Key segments' Q2 2015 results						
[PLN m]	Distribution	Supply	Generation	Mining		
Segment's revenue	1 585	3 916	1 148	273		
EBITDA	697	141	189	(114)		
EBIT	453	139	44	(142)		
CAPEX	411	1	462	86		

# Highlights

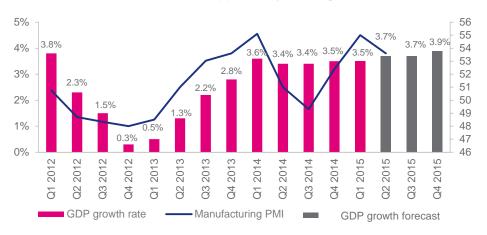


January 16	Expression of initial interest in the purchase of all or a part of Brzeszcze Coal Mine assets
March 12	Floating 17 500 TAURON bonds worth PLN 1.75bn in total on the Catalyst market
April 15	Signature of agreement to purchase 10 percent of shares in PGE EJ 1 – a special purpose vehicle set up to carry out the 3 000 MW nuclear power plant construction project
April 23	Decision of Ordinary General Meeting of Shareholders on the distribution of the 2014 profit. Dividend per share: PLN 0.15. Total dividend amount: PLN 262.9m. Dividend was paid out on August 12, 2015.
July 10	Signature of an amendment to the agreement with Bank Gospodarstwa Krajowego on increasing the value of the bond issue program by PLN 700m. Current total value of the program: PLN 1.7bn
July 13	Signature of the agreement with the Polish Investments for Development on the construction of a 413 MWe CCGT unit at Łagisza Power Plant
July 17	<ul> <li>TAURON's ratings affirmed by Fitch:</li> <li>international long term rating in domestic and foreign currency of "BBB" with a stable outlook</li> <li>international short term rating in domestic and foreign currency of "F3"</li> <li>national long term rating of "A (pol)" with a stable outlook</li> <li>national rating of unsecured and unsubordinated debt of "A (pol)"</li> </ul>
August 4	Definition of the boundary conditions for the possible Brzeszcze Coal Mine acquisition transaction

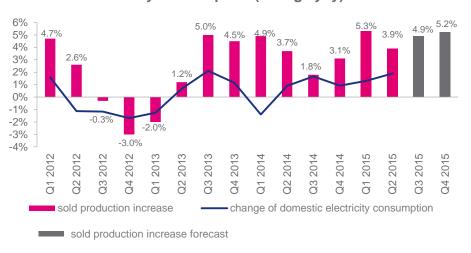
### Macroeconomic and market situation



## Poland's GDP growth rate\* and manufacturing PMI (quarterly average)



### Increase of manufacturing production sold and electricity consumption (change yoy)\*



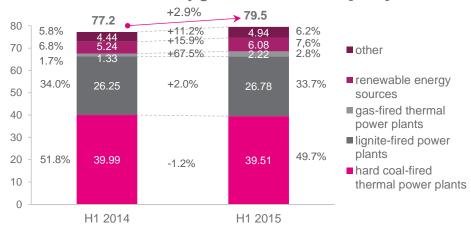
#### **Electricity prices under one year BASE contracts**

	Average price [PLN/MWh]	Volume [GWh]
Y-13	191.60	108 861
Y-14	160.40	142 841
Y-15	168.11	146 932
Y-16	169.37	94 814
Y-17	168.23	9 014

Average electricity sales prices on the competitive market (acc. to ERO):

- 2011: PLN 198.90/MWh
- 2012: PLN 201.36/MWh
- 2013: PLN 181.55/MWh
- 2014: PLN 163.58/MWh

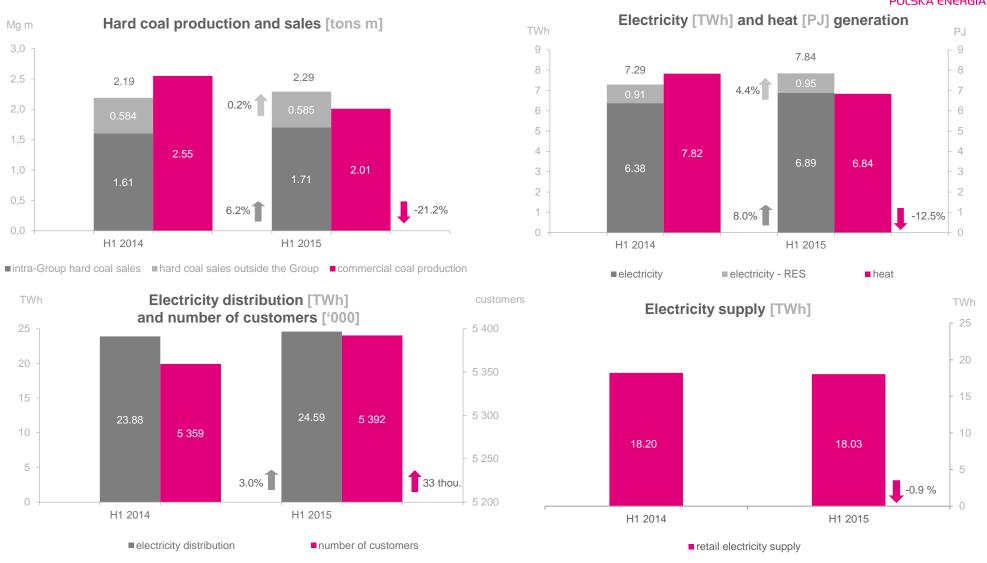
#### Structure of electricity generation in Poland [TWh]



Source: GUS, IBnGR, PSE 5

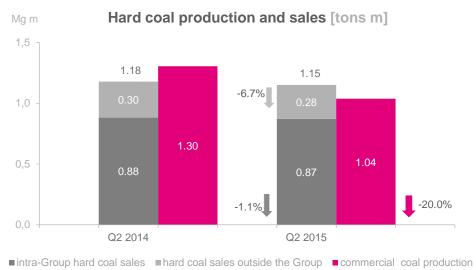
## H1 2015 key operating data

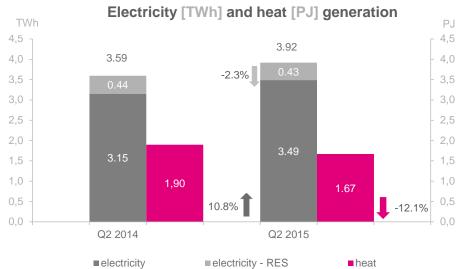


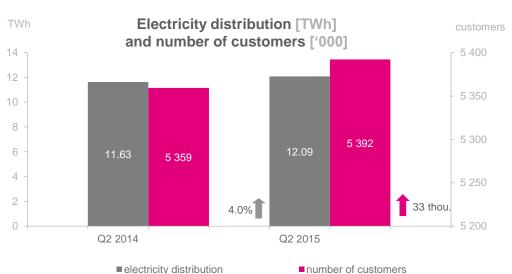


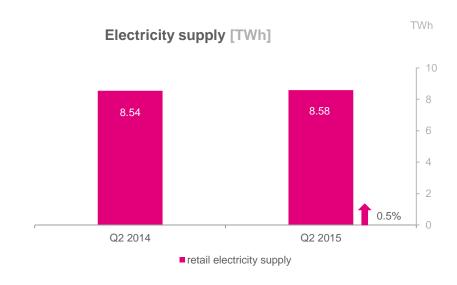
## Q2 2015 key operating data





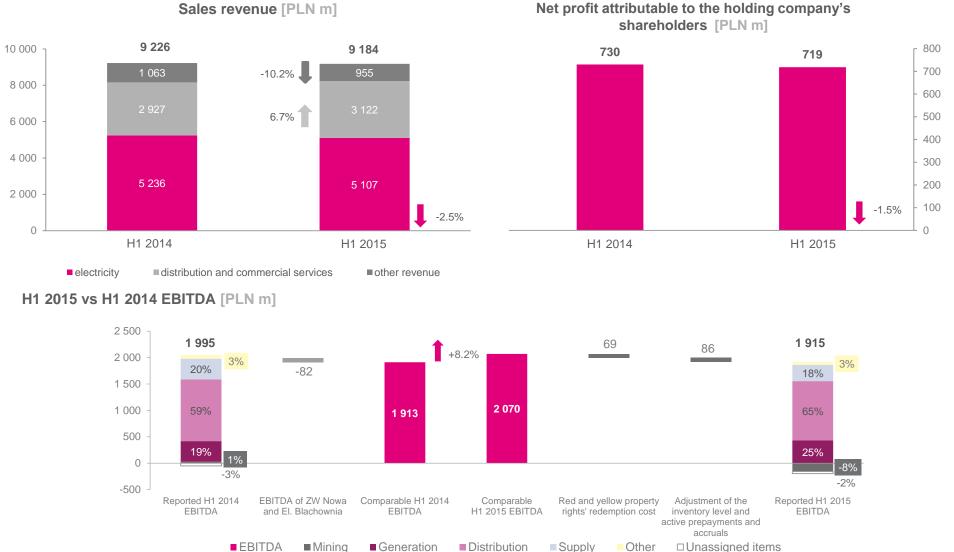






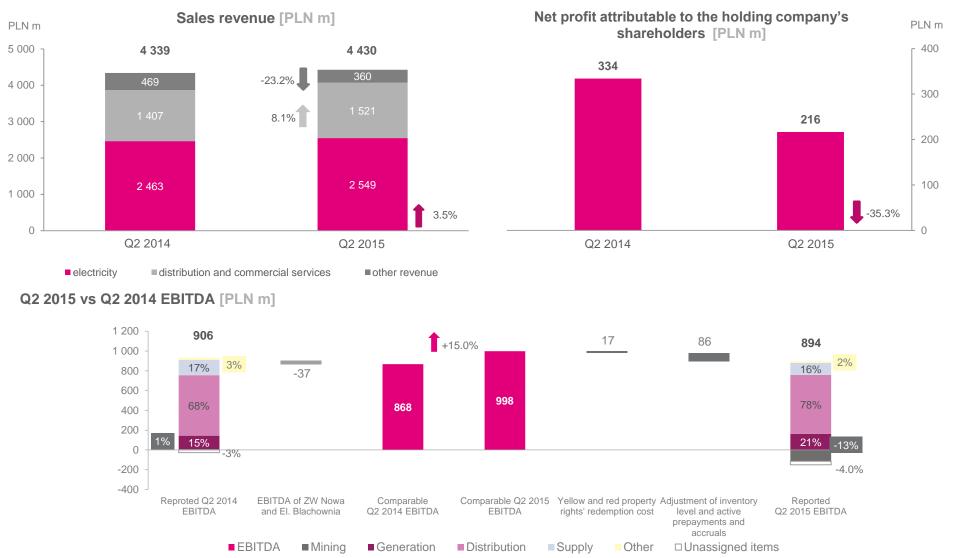
## H1 2015 key financial data





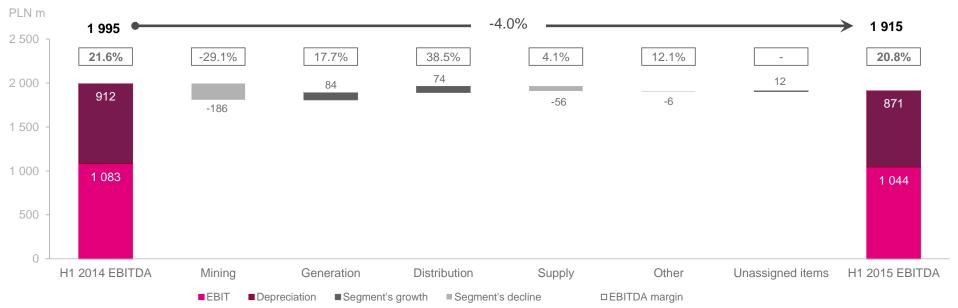
## Q2 2015 key financial data





### H1 2015 EBITDA



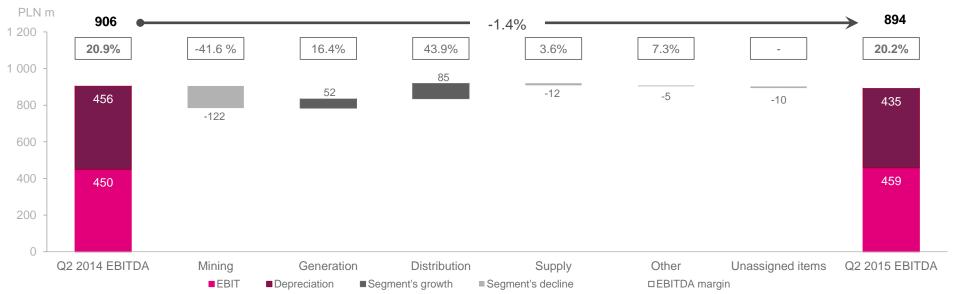


#### Most important factors affecting H1 2015 EBITDA:

- Mining lower production of commercial coal while realizing higher sales volume, lower commercial coal sales prices, adjustments for inventory, accruals and prepayments
- Generation higher electricity production and sales volumes, higher electricity sales prices, higher margin on electricity trading, lower fixed costs
- Distribution higher volume and average price of the distribution service sales, higher costs of purchasing distribution / transmission services
- Supply higher costs of the obligation to redeem property rights with a lower price of purchasing property rights, change of the customers' structure resulting in the reduction of the average electricity sales price

### Q2 2015 EBITDA



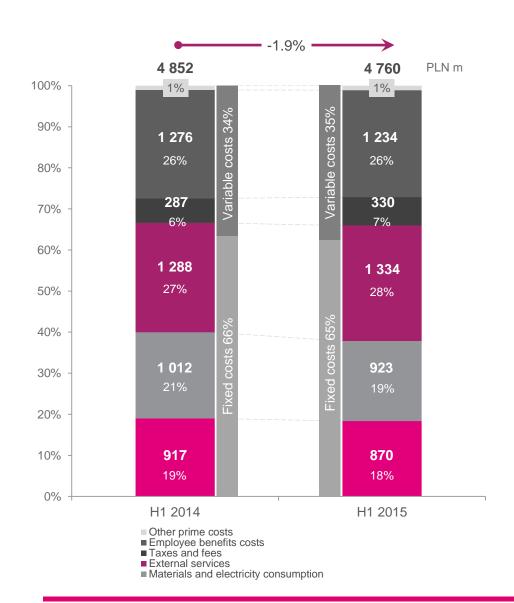


#### Most important factors affecting Q2 2015 EBITDA:

- Mining lower production of commercial coal, lower commercial coal sales prices, adjustments for inventory, accruals and prepayments
- Generation higher electricity production and sales volumes, higher electricity sales prices, higher margin on electricity trading, lower fixed costs
- Distribution higher volume and price of the distribution service sales, lower costs of the balancing difference, higher electricity transmission costs (increased volume and higher rate for the transmission services)
- Supply higher costs of the obligation to redeem property rights with a lower price of purchasing property rights, change
  of the customers' structure resulting in the reduction of the average sales price

### H1 2015 prime costs structure





Declining costs in H1 2015 are mainly due to:

- consumption of materials
- depreciation and impairment charges (spin-off of ZW Nowa and El. Blachownia to TAMEH)
- employee benefit costs mainly the result of the lower headcount

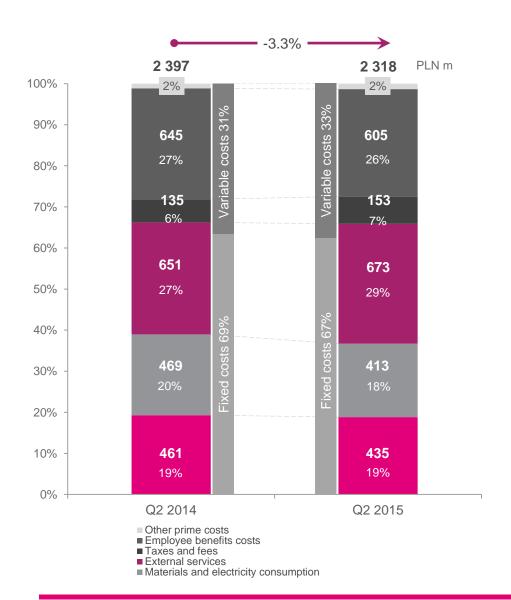
#### Cost structure:

- H1 2015: variable costs (excluding the value of goods and materials sold) approx. 35%, fixed costs approx. 65%
- H1 2014: variable costs approx. 34%, fixed costs approx. 66%

The reasons for the slight change to the cost structure are primarily higher transmission services purchase costs and lower fixed costs

### Q2 2015 prime costs structure





Declining costs in Q2 2015 are mainly due to:

- consumption of materials (mainly lower fuel costs)
- depreciation and impairment charges (spin-off of ZW Nowa and El. Blachownia to TAMEH)
- employee benefit costs mainly the result of the lower headcount

#### Cost structure:

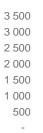
- Q2 2015: variable costs (excluding the value of goods and materials sold) approx. 33%, fixed costs approx.
   67%
- Q2 2014: variable costs approx. 31%, fixed costs approx. 69%

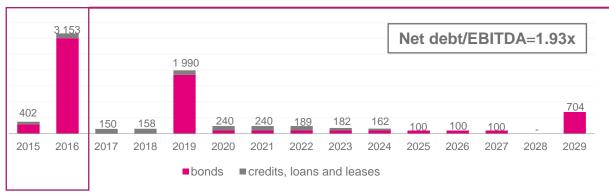
The reasons for the change to the cost structure are primarily higher transmission services purchase costs and lower fixed costs

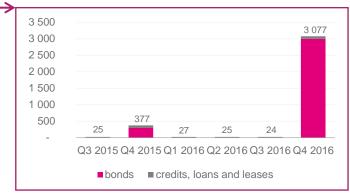
## Debt and financing



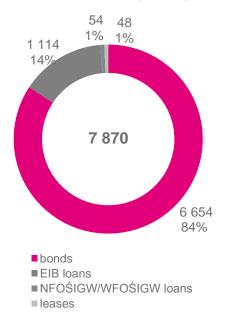
#### Maturity of TAURON Group's debt



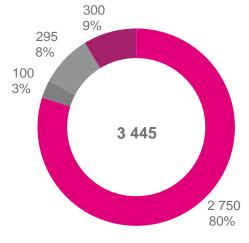




### Structure of TAURON Group's financial debt [PLN m]



## Financing available to TAURON Group [PLN m]



banks' program bonds

BGK program bonds

EIB loan

cashpooling

- financial debt (nominal amount of debt due to investment loans, lendings, leases and bonds) as of June 30, 2015 is PLN 7 870m
- average weighted debt maturity as of June 30, 2015 is 55 months
- EUR denominated debt (NSV bond issue) constitutes 8.95% of total debt

Debt structure based on interest rate:

:

Instrument	Debt amount [PLN m]	Interest rate	Collateral
bonds, including:	6 654		
banks' program	3 000	floating	IRS
banks' program	300	floating	none
market program	1 750	floating	none
BGK program	900	floating	none
NSV	704	fixed	CIRS
EIB loans	1 114	fixed	none
Ioans	54	floating	none
leases	48	floating	none

# CAPEX – projects' work progress

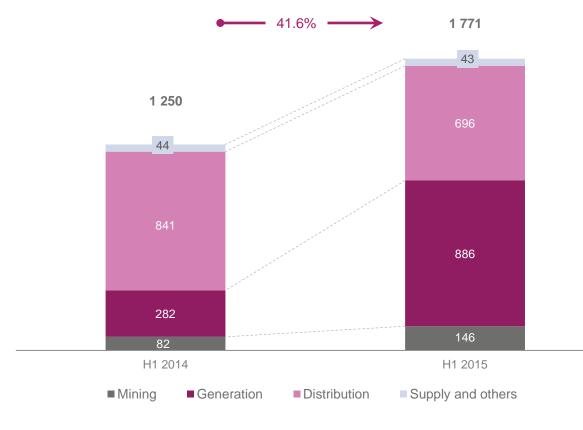


Investment project	Capacity (MW <sub>e</sub> )	Capacity (MW <sub>t</sub> )	Work progress (percent)		Planned completion data
Construction of the hard coal-fired unit at Jaworzno III Power Plant	910	-	11		2019
Construction of the CCGT unit at Stalowa Wola Combined Heat and Power Plant	450	240	78		2016
Construction of the hard coal-fired co-generation unit at ZW Tychy	50	86	78		2016
Jaworzno III Power Plant – installing of the flue gas denitrification systems and upgrading of the 200 MW units	-	-	84		2016
Łaziska Power Plant – installing of the flue gas denitrification systems and upgrading of the 200 MW units	-	-	96	•	2015
Construction of the CCGT unit at Łagisza Power Plant	413	266	2		2018
Construction of the 800m level at Janina coal mine	-	-	23		2019
Construction of Grzegorz shaft at Sobieski coal mine	-	-	18		2022

### CAPEX – by segment



#### CAPEX by segment [PLN m]



#### Key investment projects completed in H1 2015:

#### Mining:

- construction of the 800 m level in Janina coal mine (PLN 41m),
- purchase of an additional longwall roof support and furnishing set for Janina coal mine (PLN 71m)

#### Generation:

- construction of the NO<sub>x</sub> emission reduction system (PLN 131m), construction of the 910 MW unit at Jaworzno Power Plant (PLN 303m)
- construction of Marszewo wind farm's 2nd stage (PLN 13m), upgrade of hydroelectric power plants (PLN 26m)
- construction and upgrade of district heating networks (PLN 29m), restoration of ZW Tychy's capacity (PLN 212m), ), completion of the feeding lines for the Western and Southern Primary Pipes from Łagisza (PLN 19m), completion of the feeding lines for the Western and Southern Primary Pipes from ELCHO (PLN 10m)

#### Distribution:

- > construction of new connections (PLN 229m),
- upgrade and restoration of grid assets (PLN 396m)

## Efficiency improvement program



Segment	Savings realized in 2013 - H1 2015	Savings planned in 2013-2015	Progress %	Main initiatives
Distribution	PLN 388m	PLN 416m	93%	<ul> <li>Implementation of the ultimate business model, elimination of the redundant functions</li> <li>Change of the way expenses are classified as CAPEX or OPEX</li> <li>Optimization of the balancing difference</li> <li>IT processes optimization</li> <li>Integration of business functions in the support (maintenance) area</li> <li>Optimization of external services</li> </ul>
Generation (including RES and Heat)	PLN 497m	PLN 420m	118%	<ul> <li>Employment restructuring and process optimization</li> <li>Reduction of upgrades (maintenance) for the least efficient units</li> <li>Overhead cost optimization</li> <li>Outsourcing of some functions, mainly in the maintenance area</li> <li>Improvement of the devices' efficiency, optimization of the production volume and operating expenses at hydroelectric power plants</li> <li>Reduction of the costs of support and maintenance of the wind farms' operation</li> <li>Compressed air losses reduction</li> <li>Asset restructuring</li> <li>Procurement policy optimization</li> </ul>
Mining	PLN 32m	PLN 28m	114%	<ul> <li>Nitrogen production system construction</li> <li>Coal sludge (slurry) dewatering station expansion</li> <li>Potable water treatment</li> <li>Electronic auctions in public procurement</li> <li>Use of the mechanical lining when drilling headings</li> </ul>
Other segments	PLN 50m			Employment restructuring, reduction of external services' costs
Total	PLN 967m	PLN 864m	112%	

- In 2013-H1 2015 the voluntary redundancy program covered 1 049 persons. Over that period employment contracts were terminated with 1 603 persons (4 097 persons in total since the program's launch in 2010). Savings resulting from redundancies, decreased by costs incurred to generate those savings, are included in the amounts presented per segment
- Structure of savings in 2013-2014 and H1 2015: 58% comes from employment restructuring, 42% from the other initiatives
- Estimated structure of savings in the 2013-2015 time frame: 73% to come from employment restructuring, 27% from the other initiatives

# Thank you – Q & A



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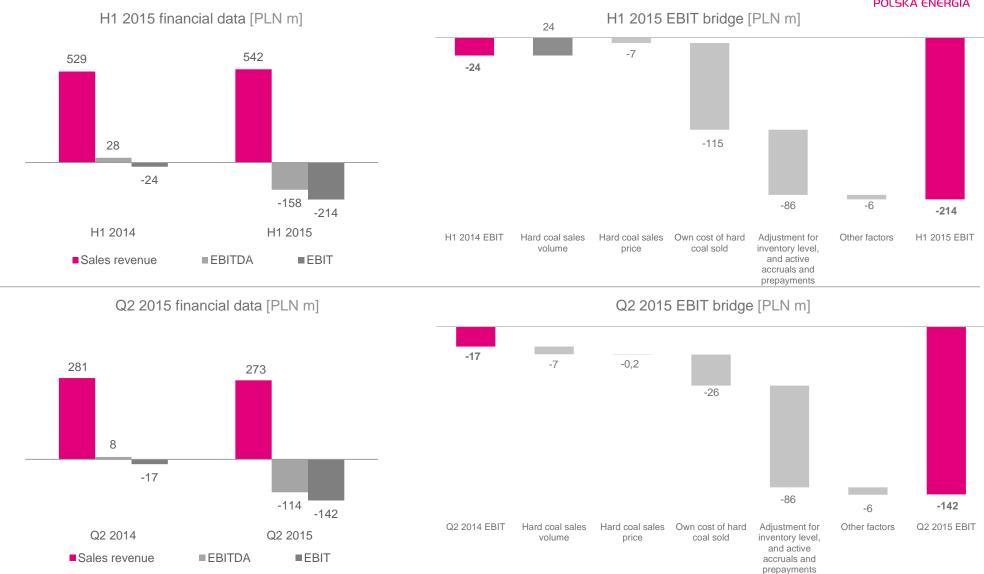
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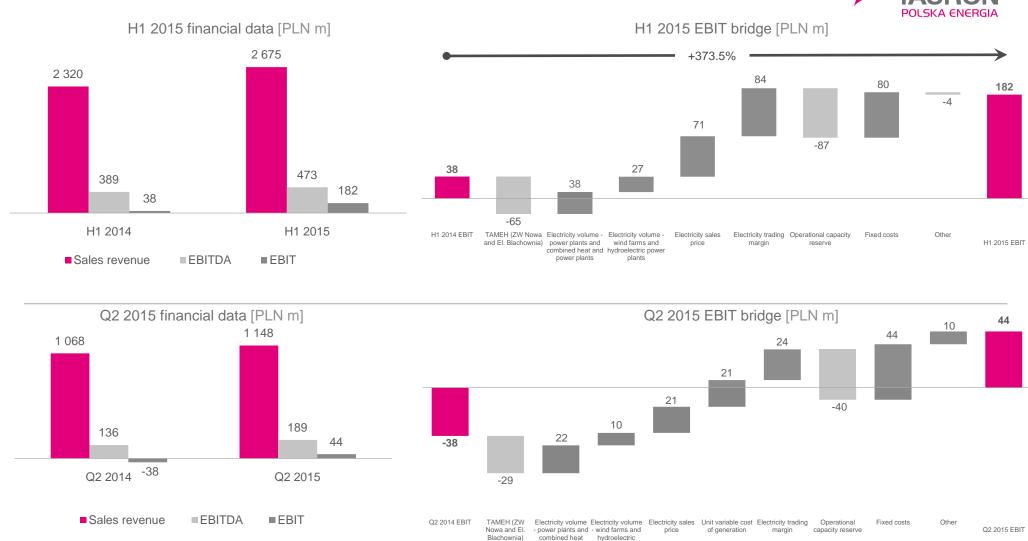
## Mining





### Generation

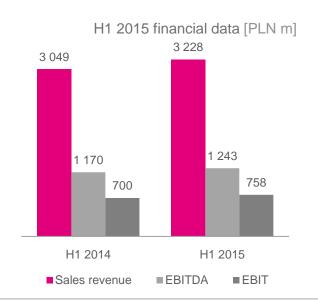


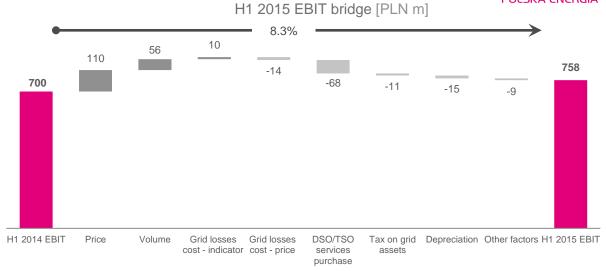


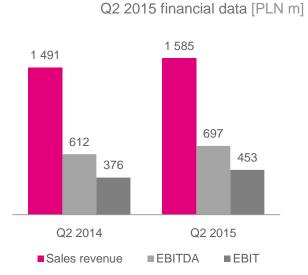
and power plants power plants

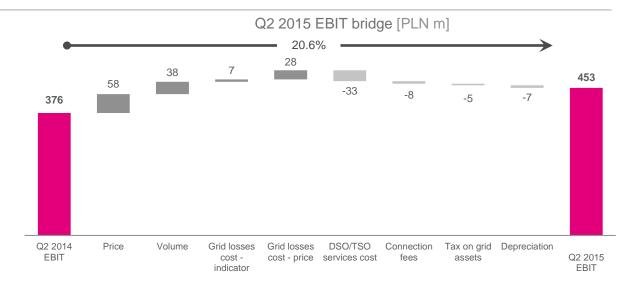
### Distribution







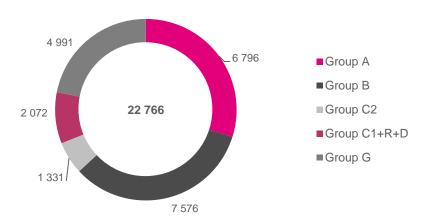




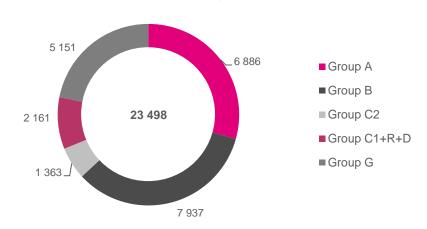
### Distribution – volumes



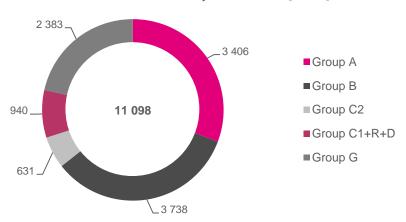




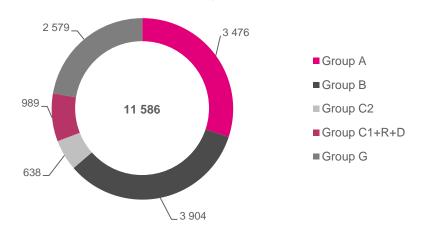
#### H1 2015 electricity distribution [GWh]



#### Q2 2014 electricity distribution [GWh]

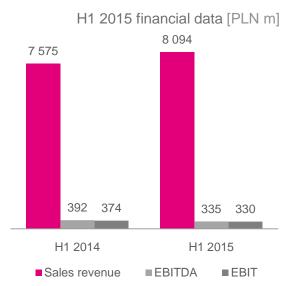


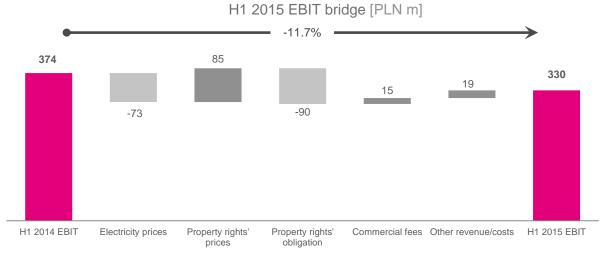
#### Q2 2015 electricity distribution [GWh]

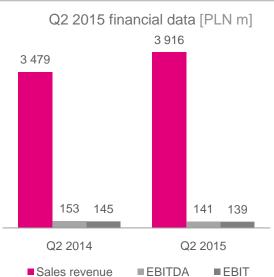


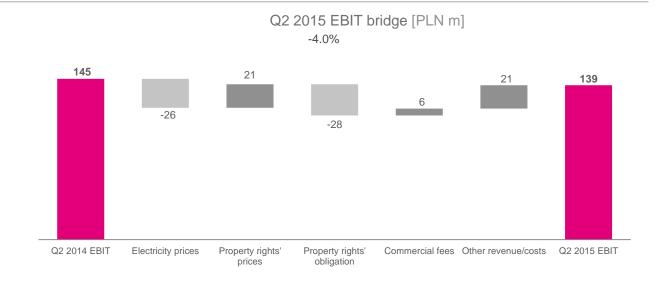
## Supply











## Supply – volumes





<sup>\*</sup> Volumes of electricity supply to the strategic customers (key accounts) of TAURON Polska Energia S.A. are included in group A

<sup>\*\*</sup> Group's subsidiaries' own needs and balancing differences, balancing differences to other DSOs, other

## Electricity market price trends



Electricity							
Dietermo, TOE TEC OF	20	14	2015 (until J	uly 27, 2015)	2015/2014 (unt	2015/2014 (until July 27, 2015)	
Platforms: TGE, TFS, GFI, GPW-POEE	Price (PLN/MWh)	Volume (GWh)	Price (PLN/MWh)	Volume (GWh)	Price %	Volume %	
Forward BASE (Y+Q+M)	161.10	189 112	167.94	193 736	+4.2%	+2.4%	
Forward PEAK (Y+Q+M)	184.60	19 126	217.52	16 781	+17.8%	-12.3%	
Forward (weighted average)	163.26	208 238	171.89	210 517	+5.3%	+1.1%	
SPOT (TGE)	179.86	21 078	153.09 (forecast)	21 500	-14.9%	+2.0%	
Total weighted average	164.78	229 316	170.15	232 017	+3.3%	+1.2%	

CO <sub>2</sub> emission allowance	es (EUA/t)		Property rights (PLN/MWh)		
CO <sub>2</sub> market analysts survey*	Price (EUR/t)	Certificate type  Market prices		Substitution fee a	and obligation for:
202 manter analysis survey	. 1100 (2014)	ooranioato typo	(2015 average)	2014	2015
2014 average	5.96 EUR/t	RES(PMOZE_A) (until July 27, 2015)	132/58	303.03 (13.0%)	303.03 (14.0%)
2015 average	7.40 EUR/t	Hard coal=fired cogeneration (PMEC-2014)	10/78	11.00 (23.2%)	11.00 (23.2%)
2016 average	9.20 EUR/t	Gas=fired cogeneration (PMGM-2014)	107/59	110.00 (3.9%)	121.63 (4.9%)
Average 2015 EUA price forecast by TAURON	7.3 – 7.5 EUR/t	Methane (PMMET-2014)	61/84	63.26 (1.1%)	63.26 (1.3%)

\* Sources: Point Carbon, TAURON

### 2015 BASE contracts





		Average price [PLN/MWh]	Volume [GWh]
T	otal	168.11	146 932
la aludia a	TGE	168.16	109 877
Including	non TGE	167.96	37 055

Average electricity price that takes into account 2015 one year BASE and PEAK contracts: PLN 172.64/MWh, total 2015 BASE and PEAK volume: 161 011 GWh

### 2016 BASE contracts



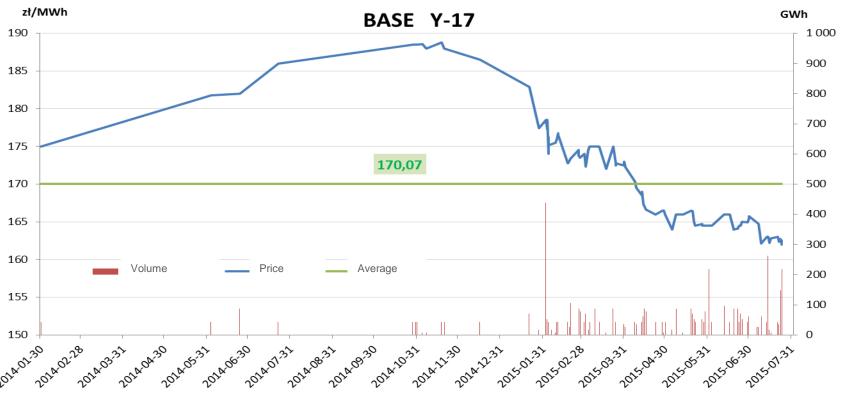


		Average price [PLN/MWh]	Volume [GWh]
Total		169.97	90 062
Including	TGE	169.59	67 303
	non TGE	171.08	22 759

Average electricity price that takes into account 2016 one year BASE and PEAK contracts: PLN 173.67/MWh, total 2016 BASE and PEAK volume: 97 872 GWh

### 2017 BASE contracts





		Average price [PLN/MWh]	Volume [GWh]
Total		170.07	7 323
Including	TGE	169.29	2 558
	non TGE	170.48	4 765

Average electricity price that takes into account 2017 one year BASE and PEAK contracts: PLN 170.09/MWh, total 2017 BASE and PEAK volume: 7 327 GWh

## TAURON's coverage by analysts



Institution	Analyst
DB Securities	Tomasz Krukowski
Dom Maklerski mBanku	Kamil Kliszcz
Dom Maklerski Banku Handlowego	Piotr Dzięciołowski
Dom Maklerski BZ WBK	Paweł Puchalski
Dom Maklerski PKO BP	Stanisław Ozga
J.P. Morgan Cazenove	Michał Kuzawiński
Erste Group	Tomasz Duda
Goldman Sachs	Fred Barasi
HSBC	Dmytro Konovalov
ING Securities	Maria Mickiewicz

Institution	Analyst
BAML	Denis Deruskhin
Raiffeisen Centrobank	Teresa Schinwald
Renaissance Capital	Vladimir Sklyar
Societe Generale	Bartłomiej Kubicki
UBS Investment Research	Michał Potyra Patrick Hummel Tomasz Walkowicz
Pekao Investment Banking	Łukasz Jakubowski
WOOD & Company	Bram Buring
Dom Maklerski BOŚ	Michał Stalmach



# Thank you for your attention