

## **MOSENERGO**

## 3M 2016 IFRS Results

May 16, 2016

The information contained herein has been prepared using information available to JSC "Mosenergo" (hereinafter - Mosenergo or the Company) at the time of preparation of the presentation. External or other factors might have impacted the business of Mosenergo and the content of this presentation, since its preparation. In addition all relevant information about Mosenergo may not be included in this presentation. No representation or warranty, expressed or implied, is made as to the accuracy, completeness or reliability of the information.

Any forward looking information herein has been prepared on the basis of a number of assumptions which may prove to be incorrect. Forward looking statements, by the nature, involve risk and uncertainty. Mosenergo cautions that actual results may differ materially from those expressed or implied in such statements. Reference should be made to the most recent Annual Report for a description of the major risk factors.

This presentation does not constitute or form part of any advertisement of securities, any offer or invitation to sell or issue or any solicitation of any offer to purchase or subscribe for, any shares in Mosenergo, nor shall it or any part of it nor the fact of its presentation or distribution form the basis of, or be relied on in connection with, any contract or investment decision.



#### **Operational Highlights<sup>1</sup>**

•	0 0			
	3M 2015	3M 2016	Change	
Electricity Output, mn kWh	16,795	17,076	+1.7%	
Electricity Sales, mn kWh	17,204	17,604	+2.3%	
Heat Output, th.Gcal	29,055	34,033	+17.1%	
Fuel Rate on Electricity, g/kWh	205.9	208.5	+1.3%	
Fuel Rate on Heat, kg/Gcal	163.0	162.8	-0.1%	

<sup>1</sup>Management report data

<sup>2</sup> Excluding Depreciation of PP&E

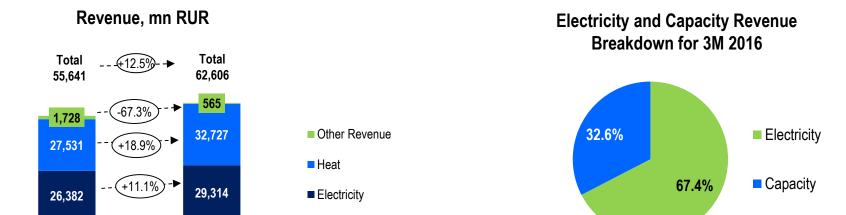
<sup>3</sup>EBITDA = Operating Profit + Depreciation of PP&E

#### Financial Highlights, mn RUR

	3M 2015	3M 2016	Change
Revenue	55,641	62,606	+12.5%
Variable Costs	(37,829)	(43,077)	+13.9%
Fixed Costs <sup>2</sup>	(5,609)	(6,369)	+13.5%
EBITDA <sup>3</sup>	12,334	13,498	+9.4%
Depreciation of PP&E	(4,454)	(3,683)	-17.3%
Operating Profit	7,880	9,815	+24.6%
Profit for the Period	7,430	8,208	+10.5%
Total Comprehensive Income for the Period	7,433	8,220	+10.6%



3M 2016



**Prices and Tariffs** 

Parameter	3M 2015	3M 2016	Change
Average Weighted Electricity Price, th.RUR/MWh <sup>1</sup>	1,051.29	1,123.11	+6.8%
Average Price for New Capacity, RUR/MW per Month	632,268.78	757,291.42	+19.8%
Average Price for Old Capacity, RUR/MW per Month	148,946.43	136,356.21	-8.5%
Average Weighted Heat Tariff, RUR/Gcal	928.99	950.63	+2.3%
Including the "generation + distribution" tariff, RUR/Gcal	818.76	888.40	+8.5%

<sup>1</sup> At the wholesale market of electricity and capacity

3M 2015

## Mosenergo 3M 2016 IFRS Results

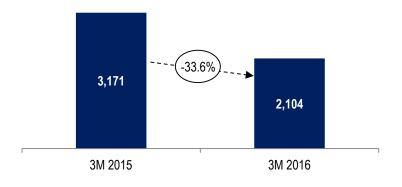
4



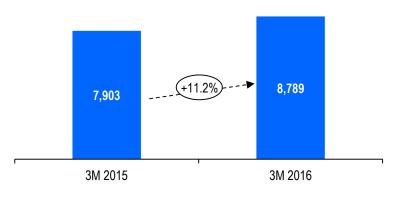
#### Variable Costs, mn RUR

Variable Costs	3M 2015	3M 2016	Change
Cost of materials, incl.:	34,658	40,973	+18.2%
Fuel expenses	31,821	37,530	+17.9%
Purchased heat and electricity	2,368	2,837	+19.8%
Water usage expenses	283	351	+24.0%
Other materials expenses	186	255	+37.1%
Heat transmission	3,171	2,104	-33.6%
Total variable costs	37,829	43,077	+13.9%

Heat Transmission, mn RUR



#### **Reference Fuel Consumption, Tons of Reference Fuel**



#### **Variable Costs Factors**

- Fuel expenses growth resulted from increased electricity production and heat output.
- Heat transmission expenses reduction is due to decrease in heat output, subject to transportation (via heating grids), on the back of growing share of heat output from headers of power plants (boiler houses).



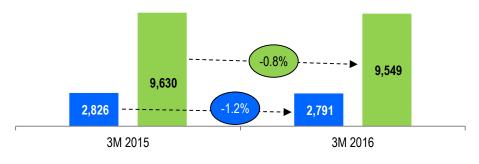
#### Fixed Costs, mn RUR

Fixed Costs	3M 2015	3M 2016	Change
Personnel expenses	2,826	2,791	-1.2%
Incl. salary and social insurance contributions	2,760	2,709	-1.8%
Maintenance and repairs expenses	597	770	+29.0%
Other external suppliers	874	1,054	+20.6%
Taxes other than income tax	436	528	+21.1%
Other operating expenses	876	1,226	+40.0%
Total fixed costs	5,609	6,369	+13.5%

#### **Fixed Costs Factors**

- "Other external suppliers" item growth is due mainly to higher expense of the new capacity integration.
- Other operating expenses growth was caused by dynamics of «Impairment and derecognition of trade and other receivables» item.

#### Salary Expenses and Number of Employees, mn RUR



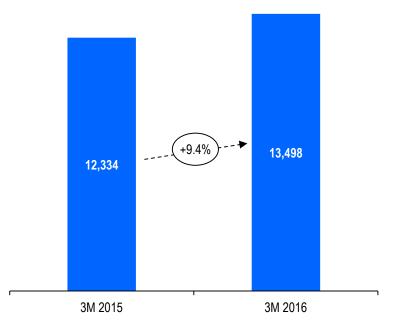
Personnel Expenses, Mn RUR

Average Head Count as of the Period's End, Persons



EBITDA<sup>1</sup>, mn RUR

#### **EBITDA Key Factors**



 Revenue growth from heat sales, resulting from heat output increase by 17.1%

 Increased revenue from electricity and capacity sales on the back of production growth by 1.7% and new CCGT-units commissioning at CHP-12, CHP-16 and CHP-20

<sup>1</sup> EBITDA = Operating Profit + Depreciation of PP&E



#### **Operating Profit Composition, mn RUR**

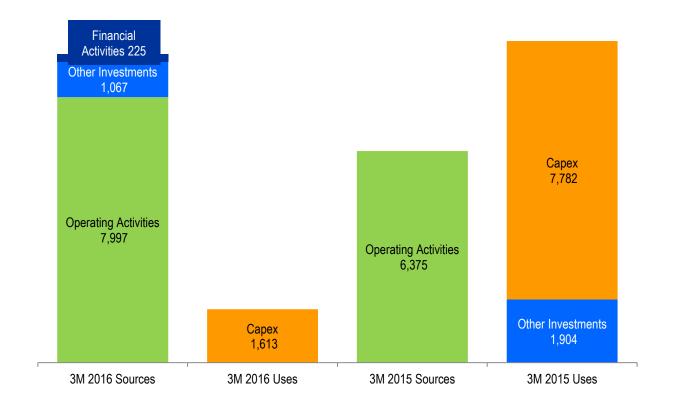
Parameter	3M 2015	3M 2016	Change
Revenue	55,641	62,606	+12.5%
Other operating income	131	338	+158.0%
Variable costs	(37,829)	(43,077)	+13.9%
Fixed costs	(5,609)	(6,369)	+13.5%
Depreciation of PP&E	(4,454)	(3,683)	-17.3%
Operating profit	7,880	9,815	+24.6%

Profit Bridge for 3M 2016, mn RUR

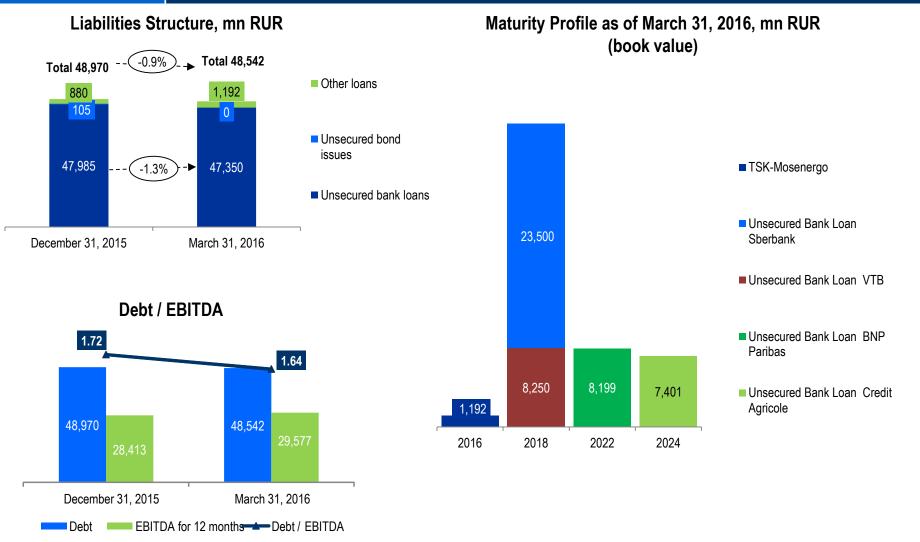




Sources and Uses of Cash, mn RUR







## Mosenergo 3M 2016 IFRS Results

10



# **Thank You for Your Attention!**

**IR contacts:** 

Ekaterina Pavlova Tel. (495) 428-47-83 (ext. 4607) <u>PavlovaEA@mosenergo.ru</u>

Denis Voronchikhin Tel. (495) 957-1-957 (ext. 3457) VoronchikhinDS@mosenergo.ru