

# MOSENERGO

# 6M 2013 IFRS Results

August 29, 2013

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

Parameter	6M 2012	6M 2013	Change
Electricity Output, mn kWh	32,188	30,483	-5.3%
Electricity Sales, mn kWh	34,732	32,070	-7.7%
Heat Output, th.Gcal	39,831	39,562	-0.7%
Fuel Rate on Electricity, g/kWh	238,4	232,9	-2.3%
Fuel Rate on Heat, kg/Gcal	165,5	164,7	-0.5%

<sup>1</sup> Management report data

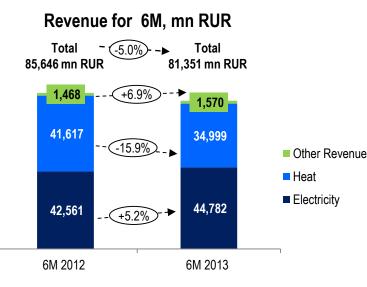
<sup>2</sup> Excluding depreciation of PP&E

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

#### Financial Highlights, mn RUR

Parameter	6M 2012	6M 2013	Change
Revenue	85,646	81,351	-5.0%
Variable Costs	(63,581)	(55,115)	-13.3%
Fixed Costs <sup>2</sup>	(10,582)	(12,919)	+22.1%
EBITDA <sup>3</sup>	12,362	13,812	+11.7%
Depreciation of PP&E	(6,689)	(7,131)	+6.6%
Operating Profit	5,673	6,681	+17.8%
Total Comprehensive Income for the Period	5,180	5,638	+8.8%





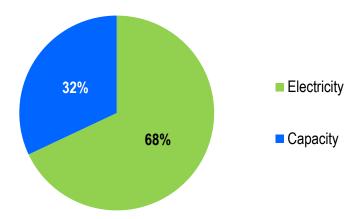
#### Prices and Tariffs <sup>1</sup>

Parameter	6M 2012	6M 2013	Change
Average Weighted Electricity Price, th.RUR/MWh	890	996	+11.9%
Average Price for New Capacity, RUR/MW per Month	483,327	505,346	+4.6%
Average Price for Old Capacity, RUR/MW per Month	125,616	140,685	+12.0%
Average Weighted Heat Tariff, RUR/Gcal <sup>2</sup>	1,024	865	-15.5%
Including the "generation + distribution" tariff, RUR/Gcal	646	743	+15.0%

<sup>1</sup> Management report data

<sup>2</sup> The decrease in this item is due to change in the scheme of payments for heat with OAO "MOEK"

Electricity and Capacity Revenue Structure for 6M 2013<sup>1</sup>. %



#### Factor Analysis of the Revenue for 6M 2013<sup>1</sup>



# Mosenergo 6M 2013 IFRS Results

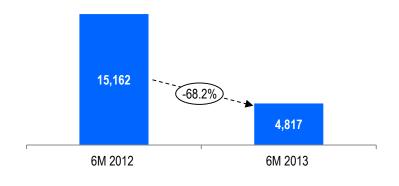
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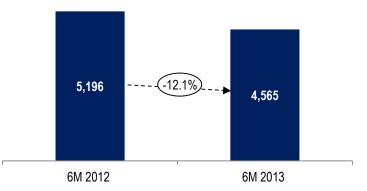
#### Variable Costs Structure, mn RUR

Variable Costs	6M 2012	6M 2013	Change
Cost of materials, incl.:	48,419	50,298	+3.9%
Fuel expenses	42,322	44,844	+6.0%
Purchased heat and electricity	5,196	4,565	-12.1%
Water usage expenses	559	567	+1.4%
Other materials expenses	342	322	-5.8%
Heat transmission	15,162	4,817	-68.2%
Total Variable Costs	63,581	55,115	-13.3%

### Heat Transmission, mn RUR



#### Purchased Heat and Electricity Expenses, mn RUR



#### Variable Costs Change Factors

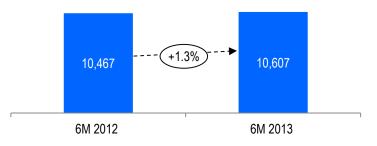
- Heat transmission expenses decreased because of payment scheme change starting from October 1, 2012 after the consolidation of OAO "MTK" and OAO "MOEK" and heat transmission via network tariff reduction.
- Decrease in electricity and heat output.
- Decrease in fuel rate on electricity.
- Purchased electricity expenses decreased as far as volume of the electricity purchased lowered. That was reasoned by the quality improvement of the dispatch schedule.



#### Fixed Costs Structure, mn RUR

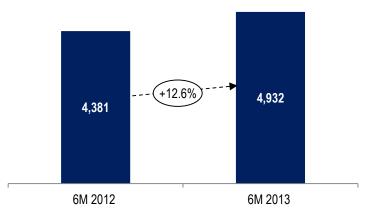
Fixed Costs	6M 2012	6M 2013	Change
Personnel expenses	4,381	4,932	+12.6%
Maintenance and repairs expenses	2,042	1,740	-14.8%
Other external suppliers	1,889	1,987	+5.2%
Taxes other than income tax	1,025	569	-44.5%
Other operating expenses,	1,245	3,691	+196.5%
including trade and other receivables impairment loss and derecognition	115	2,312	x 19
Total Fixed Costs	10,582	12,919	+22.1%

#### Fixed Costs adjusted, mn RUR<sup>1</sup>



<sup>1</sup> Fixed costs are adjusted to accrued reserve on receivables

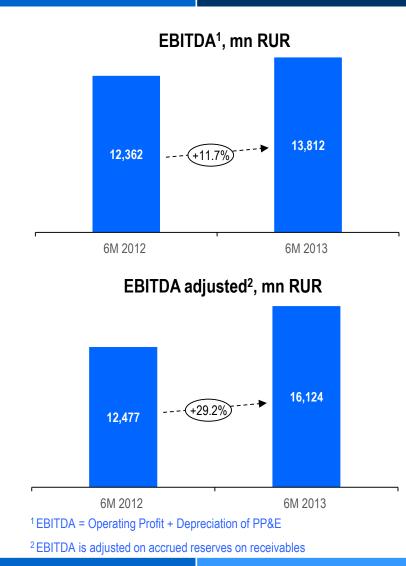
#### Personnel expenses, mn RUR



#### **Fixed Costs Change Factors**

- Fixed costs were curbed largely by decreased taxes other than income tax on the back of tax refund in the reporting period.
- Maintenance and repairs expenses decrease was reasoned by OOO "TSK Mosenergo" contract termination.
- Personnel expenses were increased by consolidation of OOO "TSK Mosenergo".
- Other operating expenses grew dew to accrued reserve on trade receivables





#### **EBITDA Change Agents**

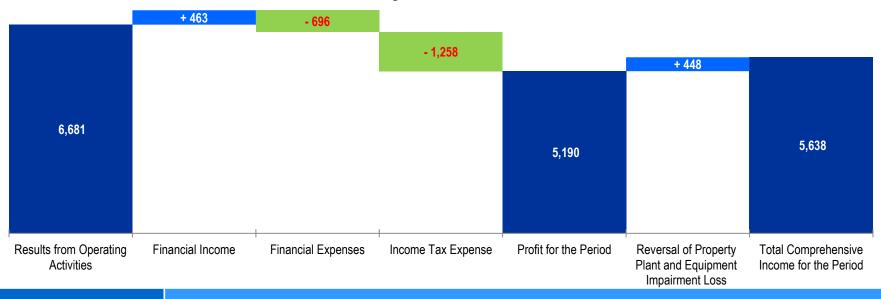
- Growing prices at "the day-ahead" and balancing market.
- Competitive power outtake tariff indexation.
- Increase of the new units input to total production.
- Fuel rate decrease on electricity and heat.
- Decrease of purchased heat and electricity expenses.



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

Parameter	6M 2012	6M 2013	Change
Revenue	85,646	81,351	-5.0%
Other operating income	879	495	-43.7%
Variable costs	(63,581)	(55,115)	-13.3%
Fixed costs	(10,582)	(12,919)	+22.1%
Depreciation of PP&E	(6,689)	(7,131)	+6.6%
Operating profit	5,673	6,681	+17.8%

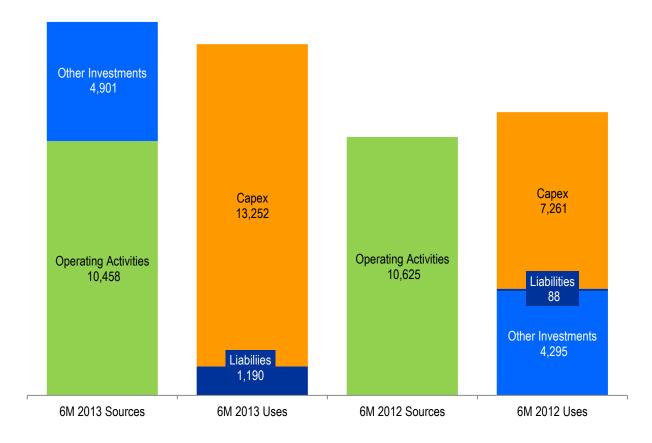
#### Profit Bridge for 6M 2013, mn RUR



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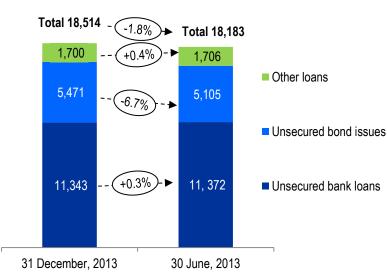


Sources and Uses of Cash, mn RUR



# MOSENERGO Debt and Liabilities

#### Borrowings Structure, mn RUR

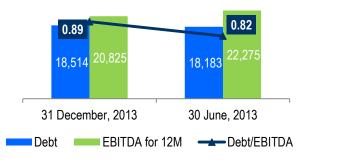


8.0%



#### Maturity Profile as of June 30, 2013, mn RUR (book values)

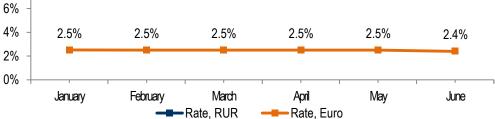
Debt to EBITDA ratio<sup>1</sup>



<sup>1</sup> EBITDA for 12M, ended June 30, 2013 = EBITDA for FY2012 – EBITDA for 6M 2012 + EBITDA for 6M 2013

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### Weighted Average Costs of Debt

Mosenergo 6M 2013 IFRS Results

10%

8%



# **Thank You for Your Attention!**

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