

## MOSENERGO

### FY 2013 IFRS Results

March 19, 2014

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

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	12M 2012	12M 2013	Change	
Electricity Output, mn kWh	61,334	58,642	-4.4%	
Electricity Sales, mn kWh	65,797	61,686	-6.2%	
Heat Output, th.Gcal	68,353	67,595	-1.1%	
Fuel Rate on Electricity, g/kWh	247.9	240.9	-2.8%	
Fuel Rate on Heat, kg/Gcal	166.0	165.5	-0.3%	

#### Financial Highlights, mn RUR

	12M 2012 (restated)	12M 2013	Change
Revenue	157,139	156,663	-0.3%
Variable Costs	(115,189)	(108,411)	-5.9%
Fixed Costs <sup>2</sup>	(23,593)	(25,570)	+8.4%
Fixed Costs, Adjusted <sup>3</sup>	(22,440)	(23,064)	+2.8%
EBITDA <sup>4</sup>	20,250	23,850	+17.8%
EBITDA, Adjusted <sup>3</sup>	21,403	26,356	+23.1%
Depreciation of PP&E	(13,716)	(13,972)	+1.9%
Operating Profit	6,534	9,878	+51.2%
Profit for the Year	6,313	7,484	+18.5%
Revaluation of property, plant and equipment	-	46,771	-
Total Comprehensive Income for the Year	6,254	54,580	x 8.7

<sup>1</sup>Management report data

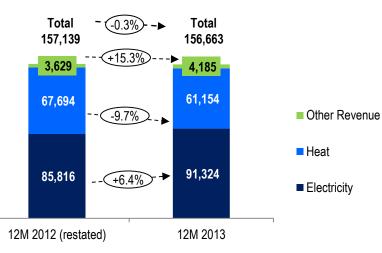
<sup>2</sup> Excluding depreciation of PP&E

<sup>3</sup>The parameter is adjusted to accrued reserve on receivables

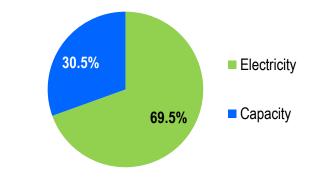
<sup>4</sup>EBITDA = Operating Profit + Depreciation of PP&E



#### Revenue, mn RUR



#### Electricity and Capacity Revenue Structure for 12M 2013<sup>1</sup>. %



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

Parameter	12M 2012	12M 2013	Change .
Average Weighted Electricity Price, th.RUR/MWh	950	1,071	+12.7%
Average Price for New Capacity, RUR/MW per Month	481,842	500,667	+3.9%
Average Price for Old Capacity, RUR/MW per Month	127,861	140,672	+10.0%
Average Weighted Heat Tariff, RUR/Gcal <sup>2</sup>	970	884	-8.9%
Including the "generation + distribution" tariff, RUR/Gcal	684	772	+12.9%

<sup>1</sup> Management report data

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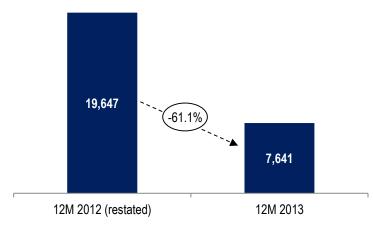
<sup>2</sup> The decrease in this item is due to change in the scheme of payments for heat with OAO "MOEK"



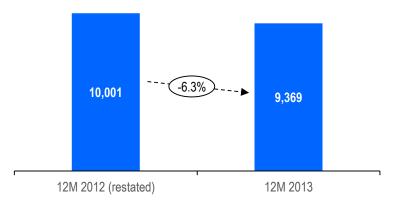
#### Variable Costs Structure, mn RUR

Variable Costs	12M 2012 (restated)	12M 2013	Change
Cost of materials, incl.:	95,542	100,770	+5.5%
Fuel expenses	83,339	89,443	+7.3%
Purchased heat and electricity	10,001	9,369	-6.3%
Water usage expenses	1,199	1,182	-1.4%
Other materials expenses	1,003	776	-22.6%
Heat transmission	19,647	7,641	-61.1%
Total Variable Costs	115,189	108,411	-5.9%

#### Heat Transmission, mn RUR



#### Purchased Heat and Electricity, mn RUR

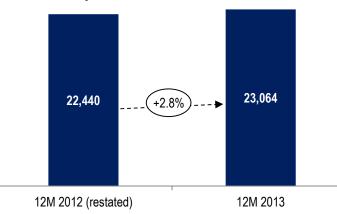


#### Variable Costs Change Factors

- Heat transmission expenses decreased because of payment scheme change starting from October 1, 2012 after the consolidation of OAO "MTK" and OAO "MOEK".
- · Decrease in electricity and heat output.
- · Decrease in fuel rate on electricity and heat.
- Purchased electricity expenses decreased as far as volume of the electricity purchased for internal usage lowered, as well as the quality improvement in the dispatch schedule.

# **GMOSENERGO** Fixed Costs

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



#### Fixed Costs Structure, mn RUR

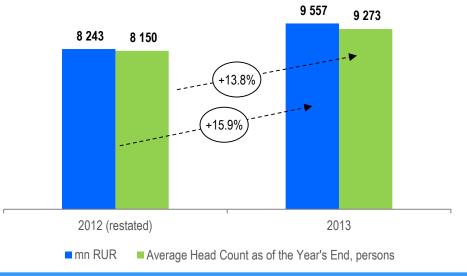
Fixed Costs	12M 2012 (restated)	12M 2013	Change
Personnel expenses	8,594	9,902	+15.2%
salary and social insurance contributions	8,243	9,557	+15,9%
Maintenance and repairs expenses	5,421	4,549	-16.1%
Other external suppliers	3,936	4,236	+7.6%
Taxes other than income tax	1,511	391	-74.1%
Other operating expenses,	4,131	6,492	+57.2%
including trade and other receivables impairment loss and derecognition	1,153	2,506	+117.3%
Total Fixed Costs	23,593	25,570	+8.4%

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

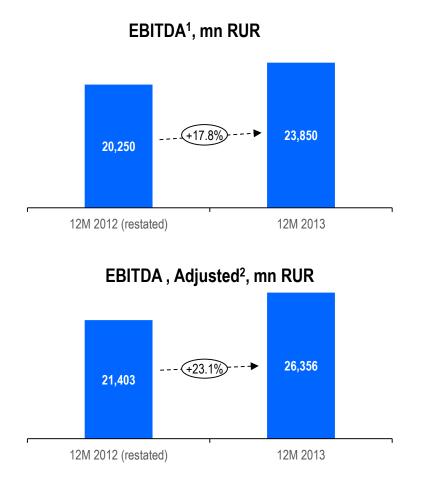
#### **Fixed Costs Change Factors**

- Taxes other than income tax decreased on the back of revaluation of the property tax in the reporting period.
- Maintenance and repairs expenses decrease was reasoned by OOO "TSK Mosenergo" contract termination.
- Personnel expenses were increased by consolidation of subsidiaries and affiliates.
- Other operating expenses grew due to accrued reserve on trade receivables.

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







#### **EBITDA Change Factors**

- Growing prices at the "day-ahead" and balancing markets.
- 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.

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

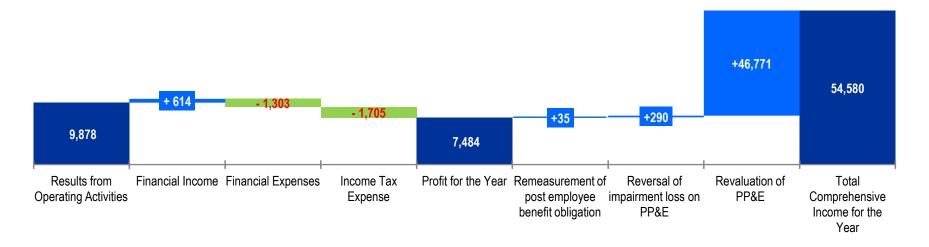
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#### **Operating Profit Composition, mn RUR**

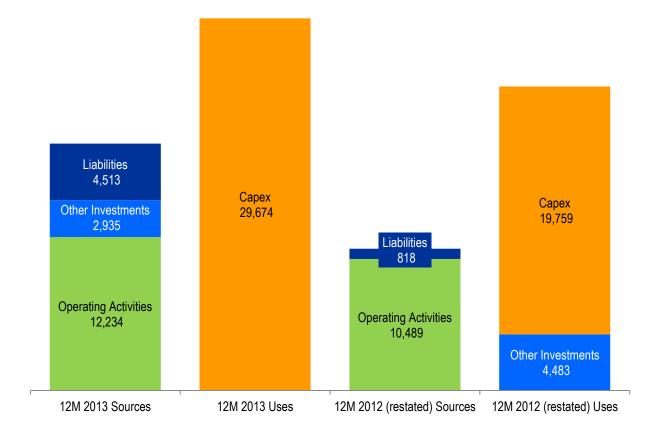
Parameter	12M 2012	12M 2013	Change
Revenue	157,139	156,663	-0.3%
Other operating income	1,893	1,168	-38.3%
Variable costs	(115,189)	(108,411)	-5.9%
Fixed costs	(23,593)	(25,570)	+8.4%
Depreciation of PP&E	(13,716)	(13,972)	+1.9%
Operating profit	6,534	9,878	+51.2%

Profit Bridge for 12M 2013, mn RUR



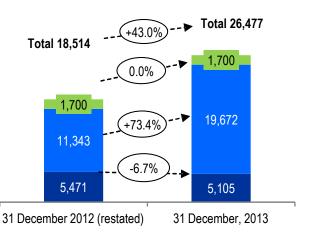


Sources and Uses of Cash, mn RUR

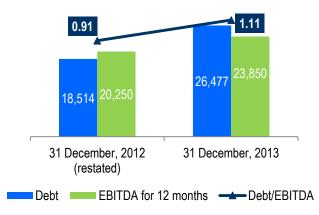


# **CMOSENERGO** Debt and Liabilities

Borrowings Structure, mn RUR

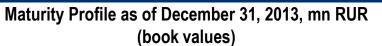


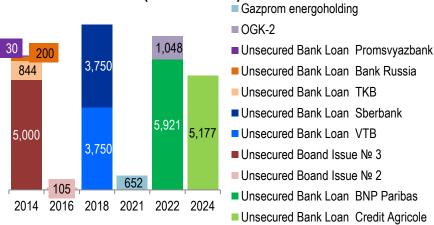
#### Debt to EBITDA ratio<sup>1</sup>



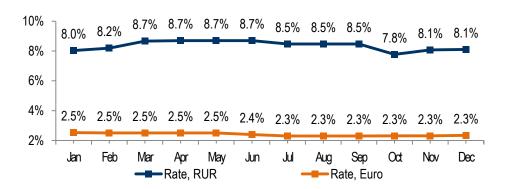
## Other Loans Unsecurity Bond Issues

Unsecurity Bond Loans

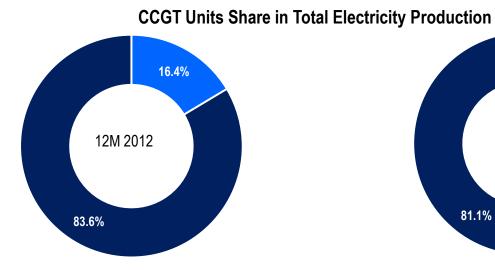




#### Weighted Average Costs of Debt

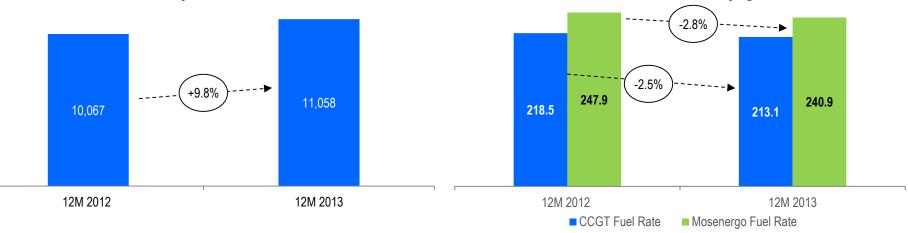


# **CALCENTION** New Capacity



CCGT Units Electricity Production, mn kWh

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18.9% 12M 2013 81.1%

Fuel Rate on Electricity, g/kWh





## **Thank You for Your Attention!**

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