

# **MOSENERGO**

9M 2012 IFRS Results



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Operational Highlights<sup>1</sup>

Electricity Output, mn kWh

Electricity Sales, mn kWh

# 9M 2012 Highlights

9M 2012

44,099

47,615

Change

-5.8%

-6.4%

9M 2011

46,835

50,863

Taxes other than income tax, Other external supplies, Other operating expenses)

Heat Output, th.Gcal	44,934	44,744	- 0.4%	EBITDA <sup>3</sup>	16,337	12,395	- 24.1%
Fuel Rate on Electricity,	258.1	257.3	-0.3%	Depreciation of PP&E	(9,499)	(10,184)	+ 7.2%
g/kWh	200.1	201.0	0.070	Operating Profit	6,838	2,211	- 67.7%
Fuel Rate on Heat, kg/Gcal	166.2	166.5	+ 0.2%	Profit for the Period	7,619	2,837	- 62.8%
<sup>1</sup> Management report data <sup>2</sup> Excluding depreciation of PP&E							

<sup>3</sup> EBITDA = Revenue + Other operating income – Operating costs (including: Cost of materials, Heat transmission, Personnel expenses, Maintenance and repairs expenses,

Financial Highlights, mn RUR

Revenue

Variable Costs

Fixed Costs<sup>2</sup>

9M 2011

114,383

(84,272)

(15,235)

9M 2012

110,766

(83,217)

(16,769)

Change

-3.2%

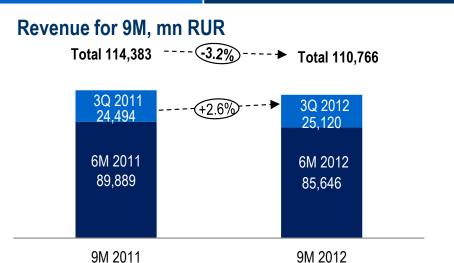
-1.3%

+ 10.1%

<sup>3</sup> 



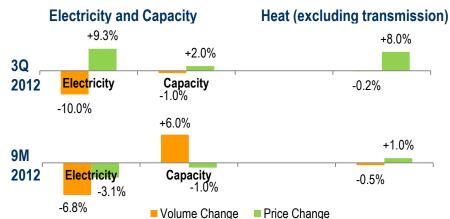
# Revenue



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

	9M 2011	9M 2012	Change
Average Electricity Price, th.RUR/MWh	972	935	- 3.8%
Average Heat Tariff, RUR/Gcal	1,041	1,029	-1.2%
Average price for new capacity, RUR/MW per month	462,093	464,749	+ 0.6%
Average price for old capacity, RUR/MW per month	126,387	123,743	- 2.1%
<sup>1</sup> Management report data			

### Factor Analysis of the Revenue Change <sup>1</sup>



### Electricity and Capacity Revenue Structure <sup>1</sup>



Capacity revenue change was reasoned by sales growth due to CCGT-420 on TPP-26 commissioning on July 1, 2011, and by capacity price growth due to indexation on July 1, 2012.

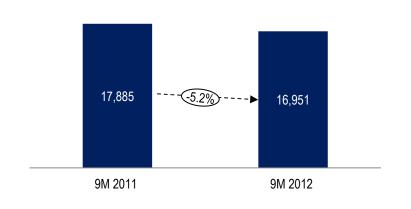


## Variable Costs

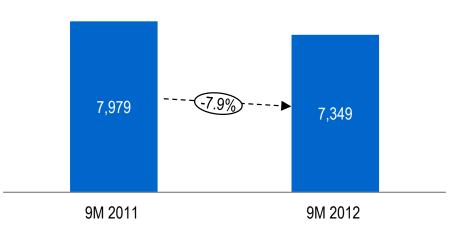
#### Variable Costs Structure, mn RUR

Variable Costs	9M 2011	9M 2012	Change
Cost of materials, incl.:	66,387	66,266	- 0.2%
Fuel expenses	56,886	57,234	+ 0.6%
Purchased heat and electricity	7,979	7,349	- 7.9%
Water usage expenses	851	909	+ 6.8%
Other materials expenses	671	774	+ 15.4%
Heat transmission	17,885	16,951	- 5.2%
<b>Total Variable Costs</b>	84,272	83,217	<b>- 1.3%</b>

### **Heat Transmission, mn RUR**



### Purchased Heat and Electricity Expenses, mn RUR



### **Variable Costs Change Factors**

- Purchased electricity expenses decreased as far as volume of the electricity purchased lowered. That was reasoned by the quality improvement of the planned consumption and of the dispatch schedule
- Purchased capacity expenses decreased thanks to heightened standards of the in-house capacity usage for 2012
- Heat transmission expenses decreased because of tariff for heat transmission via OAO "MTK" heat network reduction

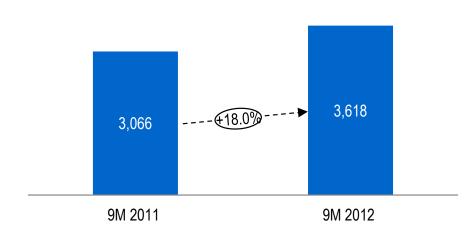


# Fixed Costs and Depreciation

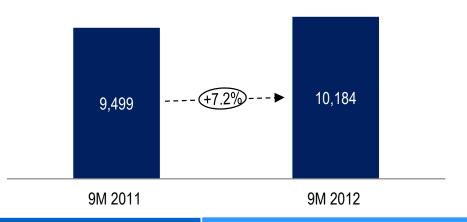
### **Fixed Costs Structure, mn RUR**

Fixed Costs	9M 2011	9M 2012	Change
Personnel expenses	6,539	6,402	- 2.1%
Maintenance and repairs expenses	3,066	3,618	+ 18.0%
Other external suppliers	2,008	2,915	+ 45.2%
Taxes other than income tax	1,574	1,529	- 2.9%
Other operating expenses	2,048	2,305	+ 12.5%
<b>Total Fixed Costs</b>	15,235	16,421	+ 10.1%

### Maintenance and Repairs Expenses, mn RUR



### Depreciation of PP&E, mn RUR



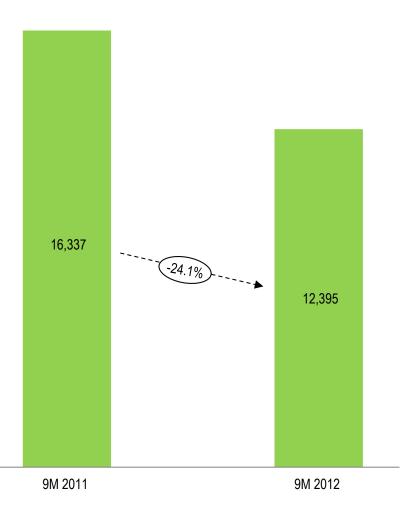
### **Fixed Costs Change Factors**

- Maintenance and repairs expenses were increased by consolidated expenses on OOO "TSK" repairs under contract for managing of Khimki district heat supply complex
- 1% increase of maintenance and repairs expenses of Mosenergo (excluding OOO TSK repairs expenses) is expected in 2012 y-o-y
- Depreciation growth was largely related to CCGT-420 on TPP-26 commissioning on July 1, 2011



# **EBITDA**

### EBITDA, mn RUR



#### **EBITDA Downside Factors**

- Decrease of electricity and heat output
- Reduction of electricity prices at the dayahead market and at the balancing market in the first half of 2012.
- Removing the status "must-run generator" from a number of Mosenergo stations in 2012
- Increase of maintenance and repairs expenses and other production process related services due to installed capacity growth and OOO "TSK" consolidation

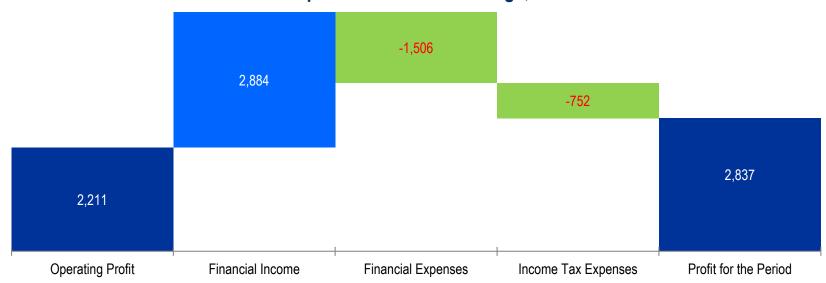


# **Profit Composition**

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

	9M 2011	9M 2012	Change
Revenue	114,383	110,766	- 3.2%
Other operating income	1,461	1,615	+10.5%
Variable costs	(84,272)	(83,217)	- 1.3%
Fixed costs	(15,235)	(16,769)	+10.1%
Depreciation of PP&E	(9,499)	(10,184)	+7.2%
Operating profit for the year	6,838	2,211	<b>- 67.7%</b>

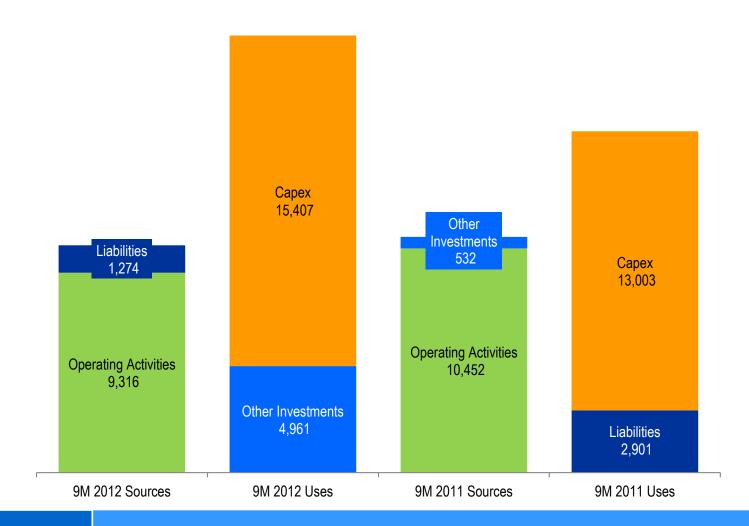
## **Total Comprehensive Income Bridge, mn RUR**





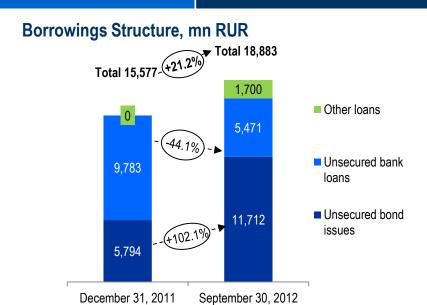
# Cash Flow

## Sources and Uses of Cash, mn RUR

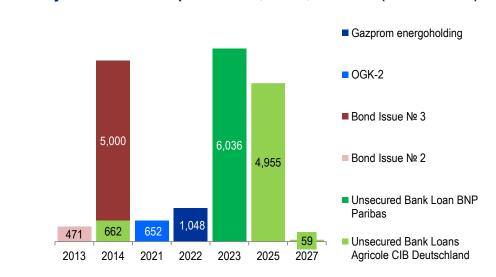




## Debt and Liabilities



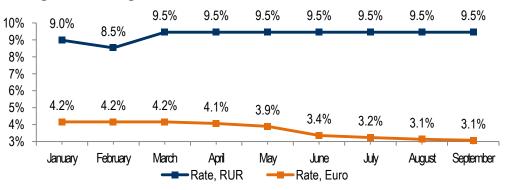
#### Maturity Profile as of September 30, 2012, mn RUR (book values)



#### Debt to EBITDA ratio 1



#### **Weighted Average Costs of Debt**



<sup>&</sup>lt;sup>1</sup> EBITDA for 12 months ended September 30, 2012 = EBITDA for 2011 + EBITDA for 9 months 2012 – EBITDA for 9 months 2011



# **Thank You for Your Attention!**

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