

# MOSENERGO

## 9M 2015 IFRS Results

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

	9M 2014	9M 2015	Change
Electricity Output, mn kWh	39,709	38,557	-2.9%
Electricity Sales, mn kWh	41,263	39,671	-3.8%
Heat Output, th.Gcal	42,521	45,114	+6.1%
Fuel Rate on Electricity, g/kWh	251.9	240.1	-4.7%
Fuel Rate on Heat, kg/Gcal	166.6	165.0	-1.0%

<sup>1</sup> Management report data

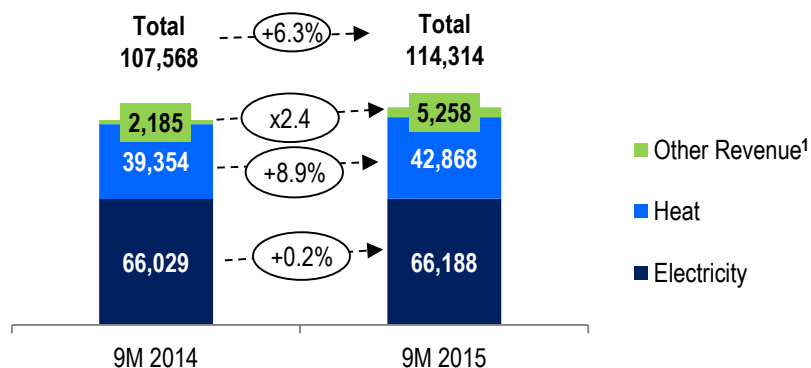
<sup>2</sup> Excluding Depreciation of PP&E

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

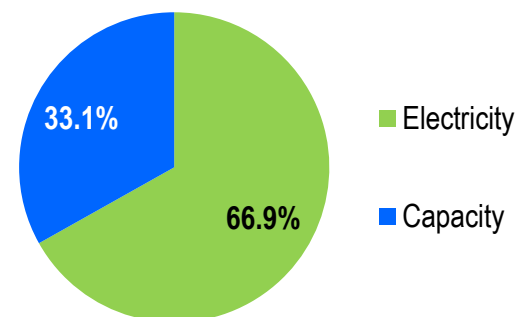
## Financial Highlights, mn RUR

	9M 2014	9M 2015	Change
Revenue	107,568	114,314	+6.3%
Variable Costs	(76,212)	(76,006)	-0.3%
Fixed Costs <sup>2</sup>	(19,239)	(20,318)	+5.6%
EBITDA <sup>3</sup>	13,329	18,691	+40.2%
Depreciation of PP&E	(10,993)	(14,915)	+35.7%
Operating Profit	2,336	3,776	+61.6%
Profit for the Period	745	2,264	X3.0
Total Comprehensive Income (Loss) for the Period	(7,258)	1,263	-

## Revenue, mn RUR



## Electricity and Capacity Revenue Structure for 9M 2015<sup>2</sup>, %



## Prices and Tariffs

Parameter	9M 2014	9M 2015	Change
Average Weighted Electricity Price, th.RUR/MWh <sup>2</sup>	1,144.48	1,115.45	-3%
Average Price for New Capacity, RUR/MW per Month	471,829.40	562,512.91	+19%
Average Price for Old Capacity, RUR/MW per Month	141,889.39	135,974.96	-4%
Average Weighted Heat Tariff, RUR/Gcal	908.01	923.41	+2%
<i>Including the "generation + distribution" tariff, RUR/Gcal</i>	798.79	826.22	+3%

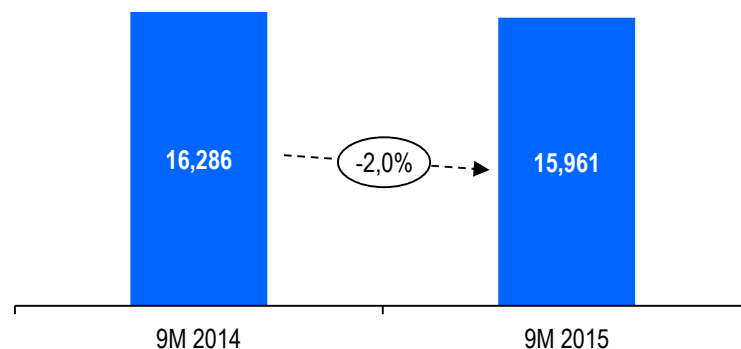
<sup>1</sup> Other revenue grew on the account of proceeds from OGK-Investproject

<sup>2</sup> At the wholesale market of electricity and capacity

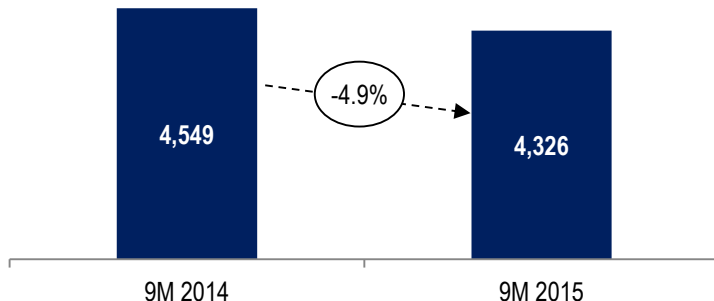
## Variable Costs Structure, mn RUR

Variable Costs	9M 2014	9M 2015	Change
<u>Cost of materials, incl.:</u>	71,663	71,680	+0.02%
<i>Fuel expenses</i>	64,221	64,196	-0.04%
<i>Purchased heat and electricity</i>	6,147	5,840	-5.0%
<i>Water usage expenses</i>	878	967	+10.1%
<i>Other materials expenses</i>	417	677	+62.4%
<u>Heat transmission</u>	4,549	4,326	-4.9%
<b>Total Variable Costs</b>	<b>76,212</b>	<b>76,006</b>	<b>-0.3%</b>

## Reference Fuel Consumption, Tons of Reference Fuel



## Heat Transmission, mn RUR



## Variable Costs Change Factors

- Heat transmission expenses reduction is due to decrease in heat output, subject to transportation, on the back of warm weather in 1Q and September of the reporting period.
- Growth of other materials expenses took place on the account of consolidation of subsidiaries and affiliates.

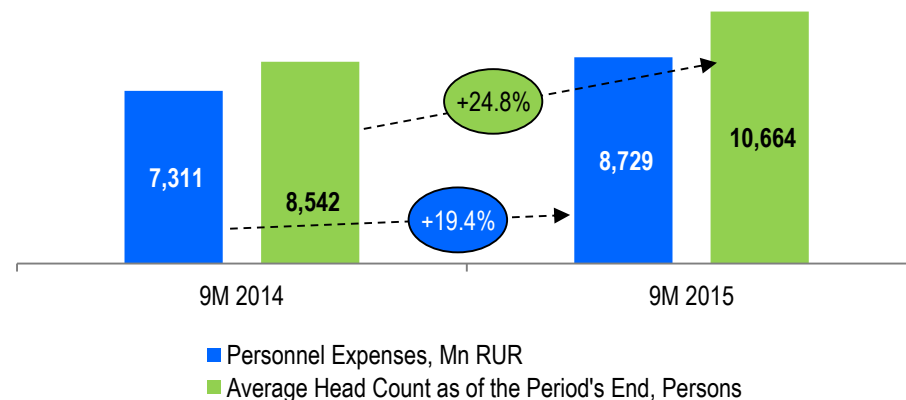
## Fixed Costs Structure, mn RUR

Fixed Costs	9M 2014	9M 2015	Change
Personnel expenses	7,311	8,729	+19.4%
<i>Incl. salary and social insurance contributions</i>	7,095	8,487	+19.6%
Maintenance and repairs expenses	3,669	2,757	-24.9%
Other external suppliers	2,685	3,255	+21.2%
Taxes other than income tax	1,287	1,291	+0.3%
Impairment of PP&E	747	43	-94.2%
Other operating expenses	3,540	4,243	+19.9%
<b>Total Fixed Costs</b>	<b>19,239</b>	<b>20,318</b>	<b>+5.6%</b>

### Fixed Costs Change Factors

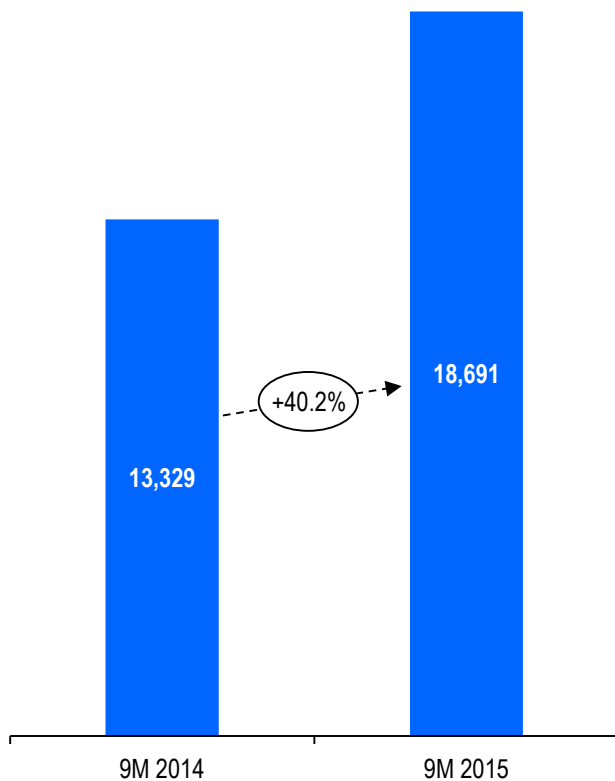
- Increased number of subsidiaries (mostly due to expansion of Mosenergo's heat-grid business in New Moscow and Moscow Region areas) attributed to growing personnel expenses and fixed costs overall.
- Other operating expenses growth was caused by increased rent and loss on impairment of trade and other receivables.

### Salary Expenses and Number of Employees, mn RUR<sup>1</sup>



<sup>1</sup> Not including average head count, attributable to ceased activities

EBITDA, mn RUR



EBITDA Change Key Factors

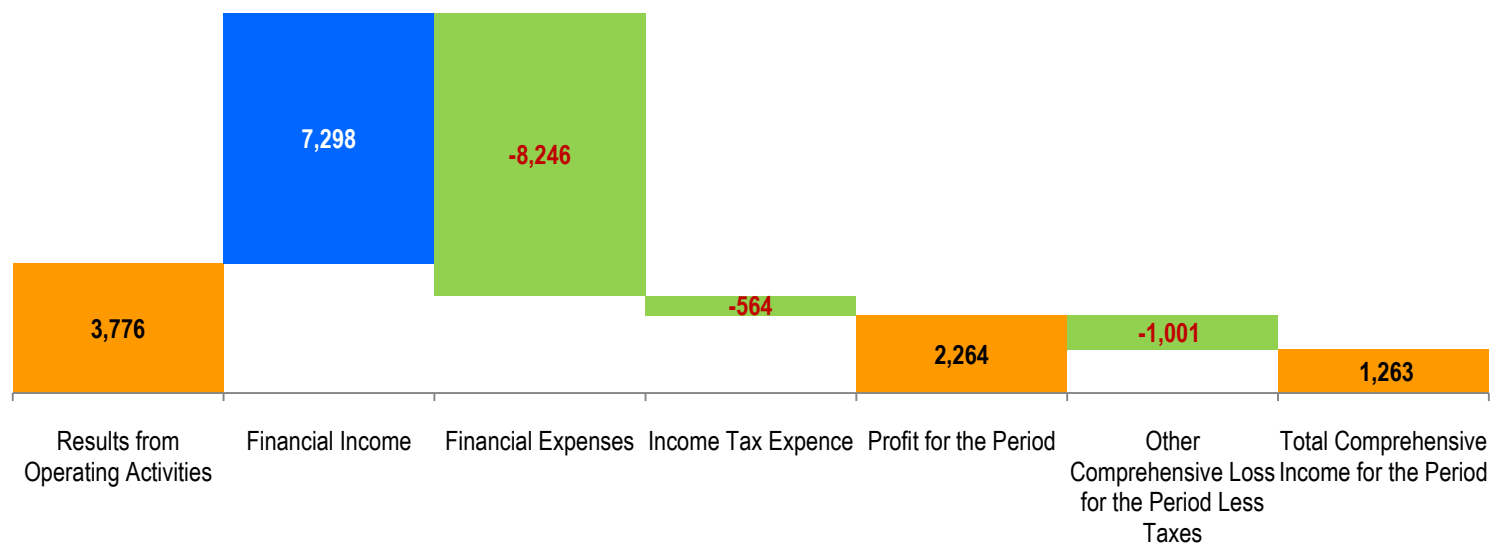
- Growing revenue from heat sales, resulting from heat output increase by 6.1%
- Commissioning of the new units at CHP-9 (April 2014), CHP-16 (December 2014) and CHP-12 (June 2015)

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

## Operating Profit Composition, mn RUR

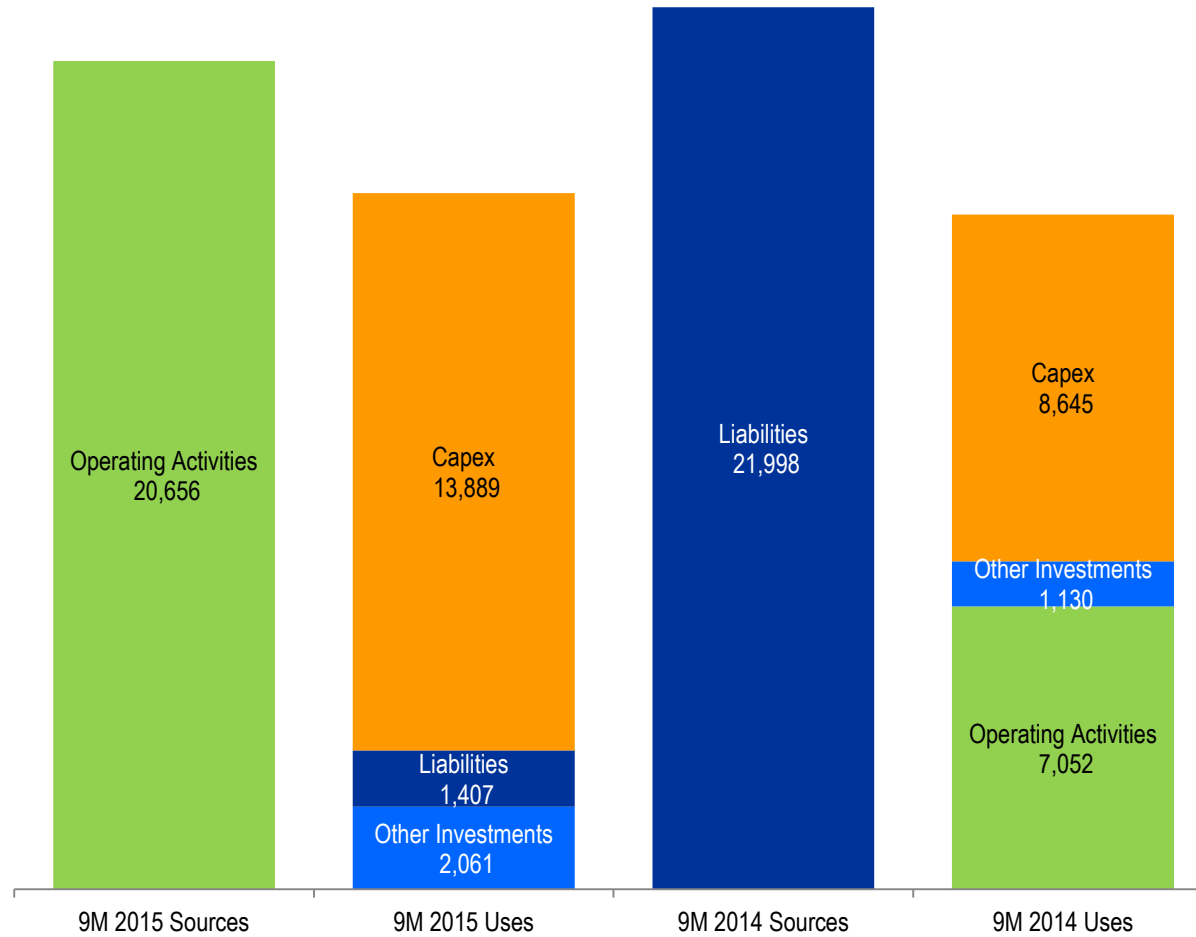
Parameter	9M 2014	9M 2015	Change
Revenue	107,568	114,314	+6.3%
Other operating income	1 212	701	-42.2%
Variable costs	(76,212)	(76,006)	-0.3%
Fixed costs	(19,239)	(20,318)	+5.6%
Depreciation of PP&E	(10,993)	(14,915)	+35.7%
<b>Operating profit</b>	<b>2,336</b>	<b>3,776</b>	<b>+61.6%</b>

## Profit Bridge for 9M 2015, mn RUR

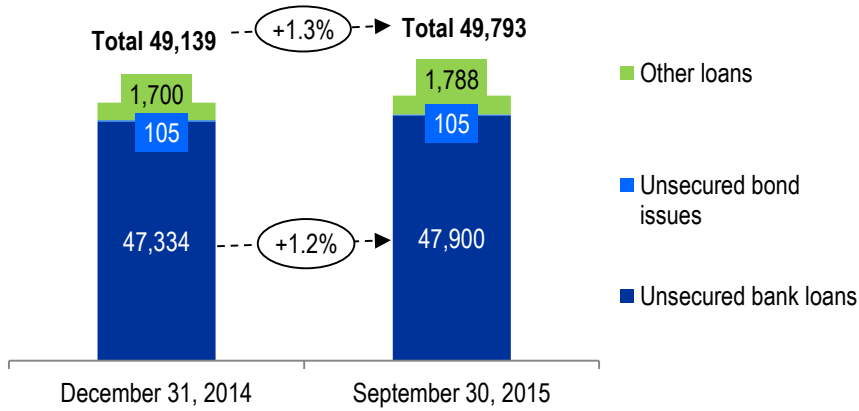




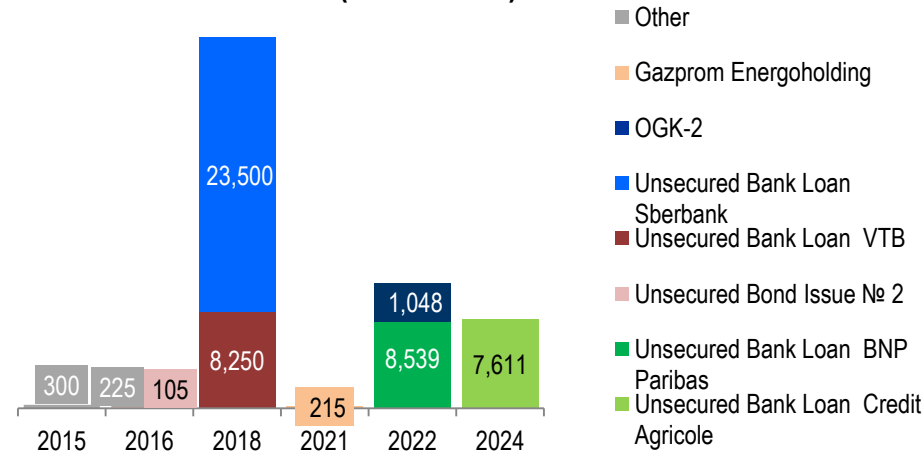
Sources and Uses of Cash, mn RUR



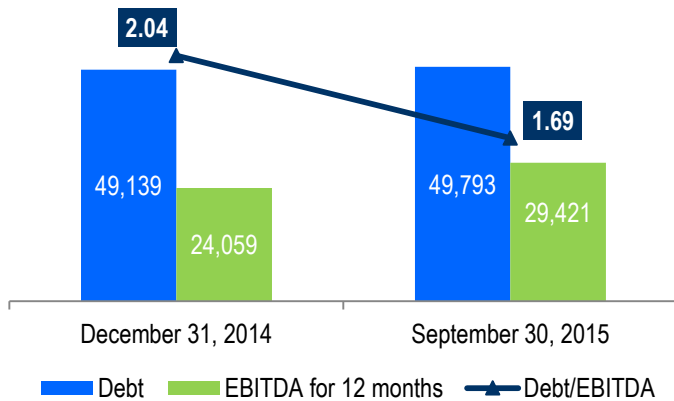
## Liabilities Structure, mn RUR



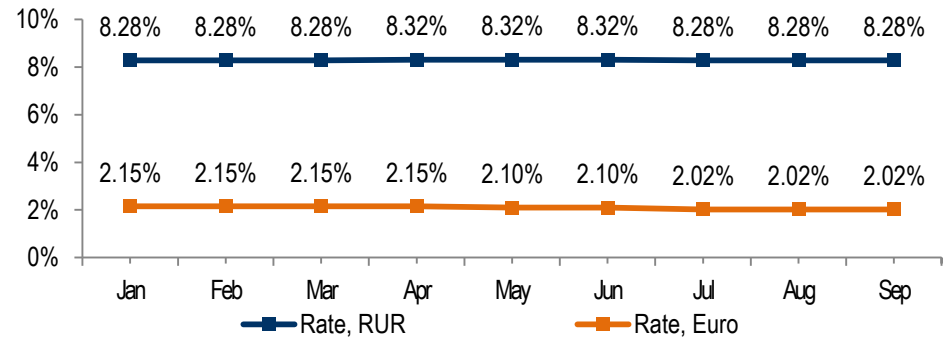
## Maturity Profile as of September 30, 2015, mn RUR (book value)



## Debt/ EBITDA



## Weighted Average Costs of Debt



# Thank You for Your Attention!

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