



# MOSENERGO Presentation of 1q 2010 IFRS Results

June 15, 2010



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# 1q 2010 Results

### Operating Highlights<sup>1</sup>

	1q2009	1q2010	Change
Electricity Output, mn kWh	18,997	19,769	+4.1%
Electricity Sales, mn kWh	18,475	18,889	+2.2%
Heat Output, thous Gcal	28,037	32,019	+14.2%
Heat Rate, grf/kWh	187	204	+9.1%

### Financial Highlights, mn RR

	1q2009	1q2010	Change
Revenue	37,903	50,727	+33.8%
Variable Costs	24,242	36,812	+51.9%
Fixed Costs <sup>2</sup>	4,639	5,231	+12.8%
EBITDA	9,134	9,002	-1.5%
Depreciation of PP&E	2,815	2,984	+6.0%
Operating Profit	6,319	6,018	-4.8%
Profit for the Period	4,691	5,627	+20.0%

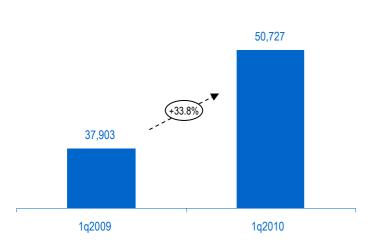
<sup>&</sup>lt;sup>1</sup> Mosenergo Management Report Data

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



### Revenue

Revenue, mn RR



Heat Sales, thous Gcal





Prices and Tariffs<sup>1</sup>

	1q2009	1q2010	Change
Average Electricity Price, RR/MWH	560	770	+37.5%
Average Heat Tariff, RR/Gcal	725	894	+23.3%

<sup>1</sup> Mosenergo Management Report Data

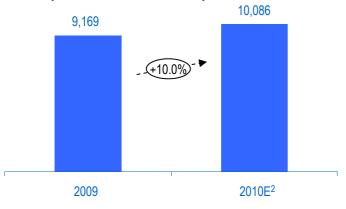


### Fixed Costs

#### Cost Structure, mn RR

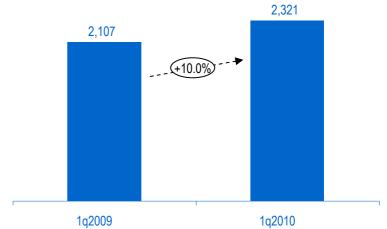
Fixed Costs	1q2009	1q2010	Change
Personnel expenses, including.	2,202	2,981	+35.4%
Termination benefits	46	348	+656.5%
Personnel expenses from restructured operations	49	248	+406.1%
Maintenance & repairs	473	346	-26.8%
Taxes other than income tax	515	665	+29.1%
Other external suppliers	638	564	-11.6%
Other operating expenses	811	675	-16.8%
Total FC	4,639	5,231	+12.8%

#### Expected Personnel Expenses, mn RR



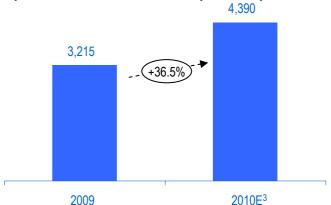
 $<sup>^{\</sup>rm 2}$  Forecast considers all personnel costs including branch CRMZ

### Personnel Expenses, mn RR<sup>1</sup>



<sup>1</sup> Excluding termination benefits, personnel expenses from restructured operations and associated Unified Social Tax

### Expected Maintenance & Repairs Expenses, mn RR



<sup>&</sup>lt;sup>3</sup> Excluding self-financed maintenance & repairs expenses (total maintenance & repairs expenses are to amount to 5,200 mn RR)

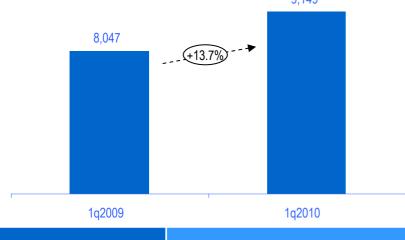


### Variable Costs

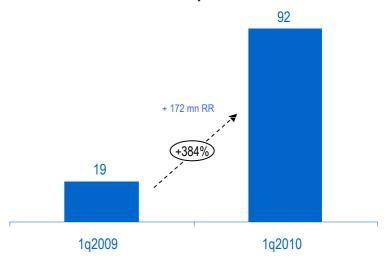
### Cost Structure, mn RR

Variable Costs	1q2009	1q2010	Change
Cost of materials, including.	16,412	25,607	+56.0%
Fuel expenses	15,189	24,113	+58.8%
Purchased heat and electricity	837	1,092	+30.5%
Water usage	213	225	+5.6%
Other materials	173	177	+2.3%
Heat transmission	7,830	11,205	+43.1%
Total VC	24,242	36,812	+51.9%

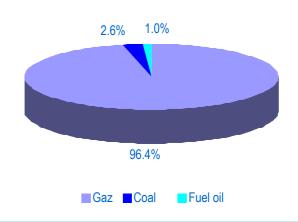
# Fuel Consumption, thous tsf<sub>9,149</sub>



### Fuel Oil Consumption, thous tsf



Fuel Balance Structure 1q 2010





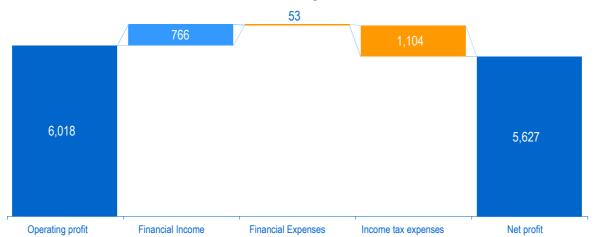
### **EBITDA & Net Profit**



### Operating Profit Composition, mn RR

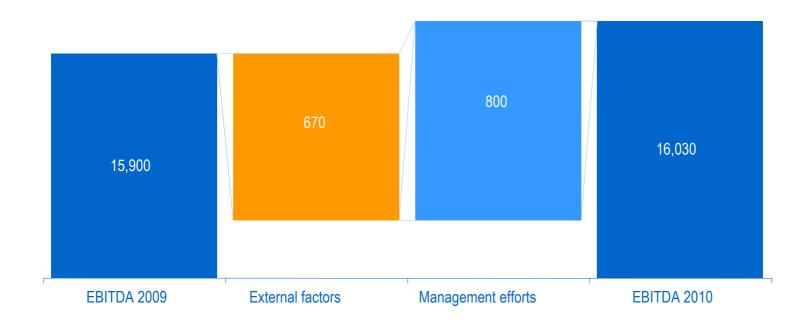


Net Profit Bridge, mn RR





### Factors affecting EBITDA



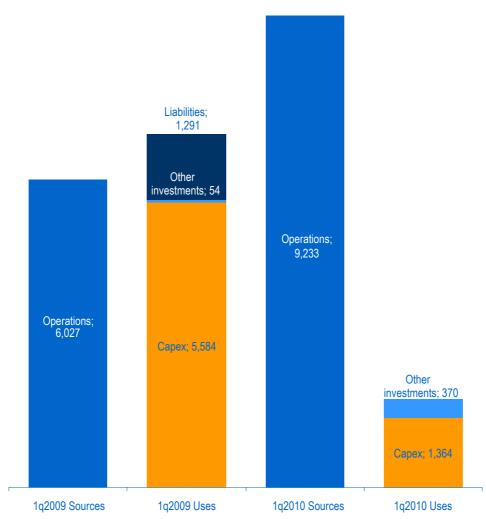
External factors: gas price increase, average electricity, capacity and heat price growth, heat network modes, cost inflation

Management efforts: CCGT unit load, lean production, cost cutting



## Cash Flows

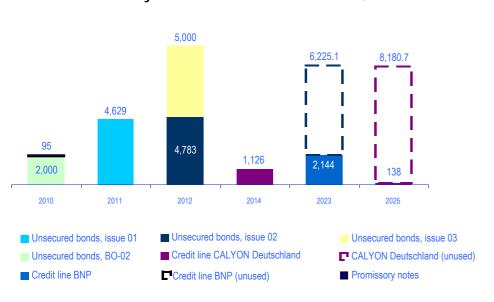
### Sources and Uses of Cash, mn RR





### **Debt and Liabilities**

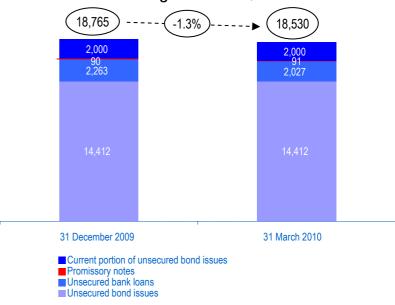
#### Maturity Profile as of December 2009, mn RR



#### Weighted Average Costs of Debt



#### Borrowings Structure, mn RR



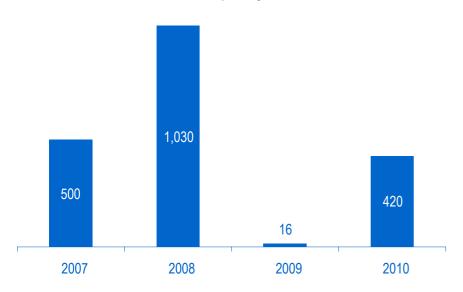
### **Borrowings Program Highlights**

- Increase of share of long-term borrowings in the total loan portfolio
- Reduction of the average cost of debt
- Reduction of the total borrowings amount



### Investments

### New Capacity, MW



**Investment Projects Highlights** 

«Today»: New efficient units (3x450 MW) have been commissioned

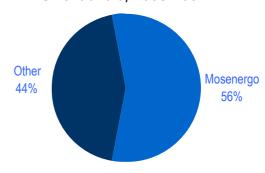
- Efficiency Rate reaches 59%
- New Units comprise 10% of total electricity output and 40% of total sales margin

«Tomorrow»: Plans to develop power plants equipment base with new high efficient combined cycle gas turbines

### **New Capacity Details**

Power plant:	ТЭЦ-26
Electric capacity:	420 MW
Heat capacity:	265 MW
Efficiency rate:	59%
Fuel:	gas
Start of project:	April 2007
Startup:	end of 2010
Contractor:	«Alstom»

# Mosenergo Capacity Commissioning Share in UES Centre, 2008-2009<sup>1</sup>



<sup>1</sup> according to SO data



# Thank You for Your Attention!

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