

Federal Grid Company



of Unified Energy System

H1 2012 Operational and Financial Results

15 November 2012



H1 2012 Summary



Key Events

- On 27 April 2012, the Board of Directors of Federal Grid Company approved three long-term debt instrument programmes
 - Russian bonds issues of up to RUB 125 Bn
 - Stock-exchange authorised rouble bonds issues of up to RUB 100 Bn
 - Eurobonds issues of up to RUB 100 Bn
- On 11 May 2012, the Ministry of Energy of the Russian Federation approved the adjusted investment program for Federal Grid Company of RUB 505 Bn for 2012-2014
- On 12 May 2012, the Russian Government issued a directive to transfer the power of the sole executive body of Holding MRSK to Federal Grid Company
 - On 30 June 2012, the agreement on executive body was approved by the Board of Directors of Holding MRSK, and on 9 July 2012, it was approved by the Board of Directors of Federal Grid Company
- On 21 May 2012, FTS approved tariffs for electricity transmission across the UNEG for 2012-2014
 - The tariffs were increased by 11% beginning on 1 July 2012 and scheduled to be further increased by 9% beginning on 1 July 2013 and on 1 July 2014

H1 2012 Consolidated Financial Results

- Revenue was down by 6.0% y-o-y to RUB 66.9 Bn mainly due to a decrease in tariffs set by FTS from 1 April 2011 through 30 June 2012
- Following revenue decrease Adjusted EBITDA decreased by 16.9% to RUB 37.8 Bn resulting in Adjusted EBITDA Margin decrease from 63.8% in H1 2011 to 56.4% in H1 2012
- Net Debt position increased to RUB 106.8 Bn from RUB 85.3 Bn as of 31 December 2011, implying Leverage equal to 1.4x as of 30 June 2012





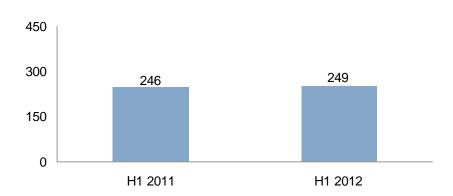


Operational Overview

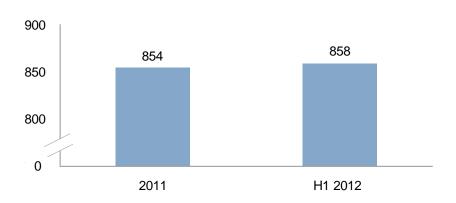


Electricity Transmission Volume

Bn kWh (for respective period)

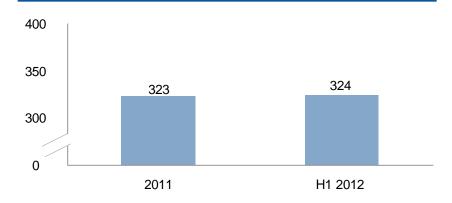


Substations(1) Units (end of period)



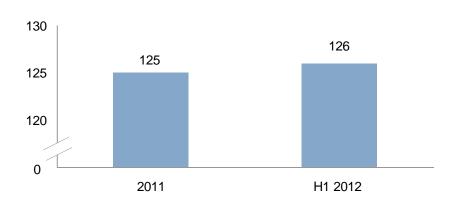
Total Transformer Capacity in Operations

GVA (end of period)



Transmission Grid Length in Operations

'000 km (end of period)









Source Company data 1. Including leased substations

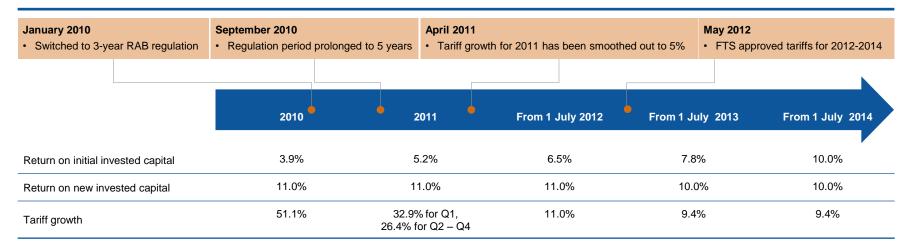
RAB Regulation: Transforming Approach to Financing



Regulatory Asset Base (RAB) Regulation

- On 12 May 2012, Russia's Federal Tariff Service approved tariffs under RAB regulation for 2012 2014
- Federal Grid Company tariff was increased by 11.0% starting from 1 July 2012, by 9.4% starting from 1 July 2013, and by 9.4% from 1 July 2014
- Return on initial invested capital in 2014 was raised from 9.1% to 10.0% and now equals the return on new invested capital
- RAB base is accounted for once assets are commissioned and put on the company's balance sheet

RAB Return Calculation







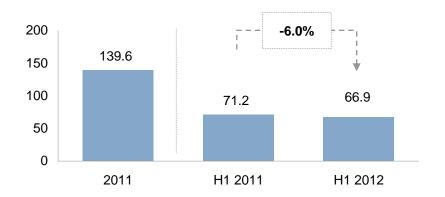


Key Financial Results



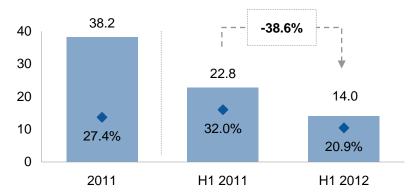
Revenue

RUB Bn



Adjusted Profit for the Period

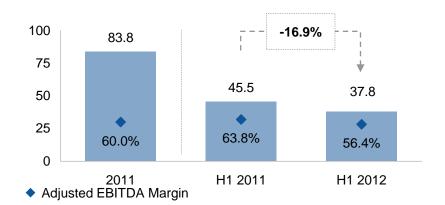
RUB Bn



Adjusted Profit Margin

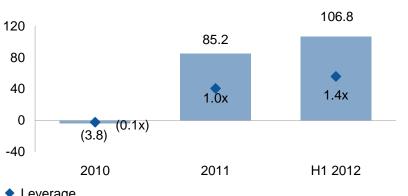
Adjusted EBITDA

RUB Bn



Net Debt Position

RUB Bn



Leverage





Revenue Structure Analysis

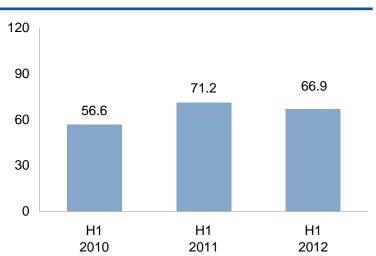


	H1 2011 RUB Bn	H1 2012 RUB Bn	Y-o-Y Change %
Transmission fee	69.4	65.3	(5.8)
Electricity sales	1.1	0.9	(15.7)
Other revenues	0.8	0.7	(13.0)
Total Revenue	71.2	66.9	(6.0)
Other Operating Income	1.6	1.4	(8.8)

- The Group's electricity transmission fee decreased by RUB 4.1 Bn or 5.8%. It was mainly driven by decrease in tariffs for electricity transmission (by 2.5% as the average) and for compensation of normative technologic electricity losses (by 25.6% as the average) set by FTS from 1 April 2011 through 30 June 2012
- Other revenues decreased by approximately RUB 0.1 Bn. This decrease mainly related to reduction of revenue from rendering services on connection to the UNEG for the period
- Other operating income decreased by 8.8% primarily due to lower income from research and development services rendered by OJSC "Dalenergosetproject", the Group's subsidiary, and reduction of insurance proceeds (in H1 2011 Federal Grid Company received one-off insurance compensation of the Chagino accident)

Total Revenue

RUB Bn









Operating Cost Structure (1)



	H1 2011 RUB Bn	% of Total Operating Costs	H1 2012 RUB Bn	% of Total Operating Costs	Y-o-Y Change %
D&A (2)	16.1	35.2	20.5	38.2	27.0
Personnel Related Expenses	12.9	28.2	13.0	24.3	1.4
Purchased electricity	6.8	14.9	6.4	12.0	(4.7)
Materials, Repairs and Maintenance	2.2	4.8	2.4	4.6	8.2
(Reversal)/accrual of allowance for doubtful debtors	(0.1)	0	1.9	4.0	n/a
Other operating expenses	7.8	16.9	9.4	17.1	18.8
Total Operating expenses	45.7	100.0	53.6	100.0	17.4

- Operating expenses for the six months ended 30 June 2012 increased by 17.4%. This increase was mainly due to higher D&A expenses and an accrual of allowance for doubtful debtors
- D&A increased by 27% following the implementation of investment programme and commissioning of new fixed assets into operations
- Personnel Related Expenses increased by 1.4%.
- Decrease in purchased electricity expenses of 4.7% was due to reduction of actual volumes of electricity losses during transmission owing to increased UNEG efficiency as well as a result of decreased wholesale electricity prices
- An accrual of allowance for doubtful debtors includes mainly allowances for receivables from OJSC "IDGC of Siberia" and OJSC "Lenenergo" (subsidiaries of MRSK Holding)





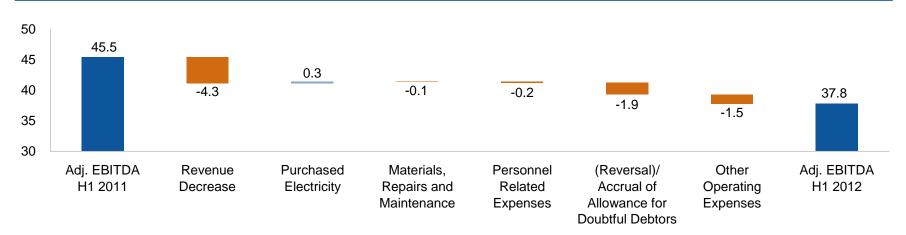


Earnings Analysis



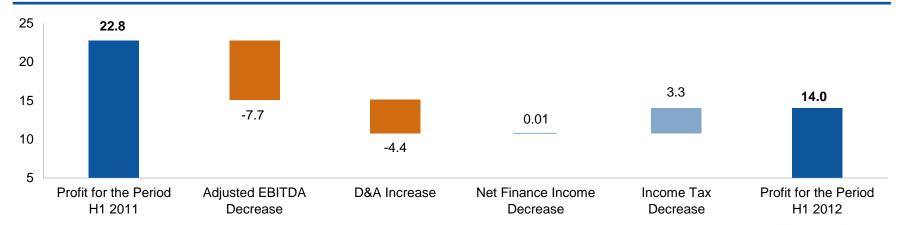
Adjusted EBITDA Bridge

RUB Bn



Adjusted Profit Bridge

RUB Bn







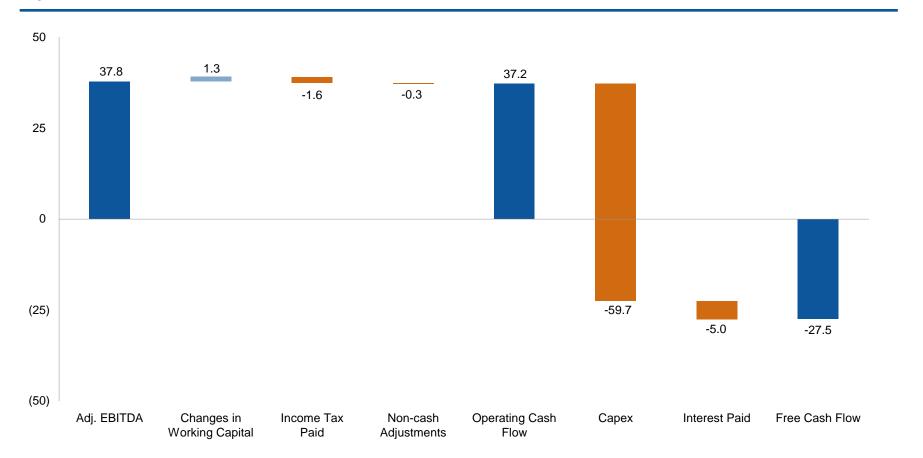






Free Cash Flow in H1 2012

RUB Bn







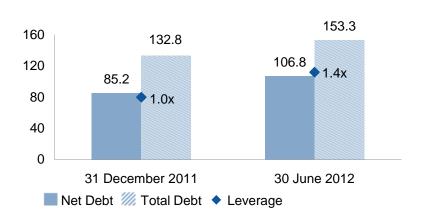
Debt Capital Structure



- Total debt amounted to RUB 153.3 Bn as of 30 June 2012
 - > 77% of total debt are RUB bonds and the remaining are primarily bank loans
- 100% of total debt are unsecured and rouble nominated
- Net debt position of RUB 106.8 Bn as of 30 June 2012 implied a relatively low Leverage of 1.4x
- Credit Ratings:
 - S&P: BBB stable (same as Sovereign)
 - Moody's: Baa2 stable (one notch below Sovereign)

Net Debt Position

RUB Bn



Key Credit Ratios

	2010	2011	H1 2012
Total Debt, RUB Bn	57.5	132.8	153.3
Net Debt, RUB Bn	(3.8)	85.2	106.8
Total Debt / Adjusted EBITDA LTM	0.8x	1.6x	2.0x
Net Debt / Adjusted EBITDA LTM	(0.1x)	1.0x	1.4x
Adjusted EBITDA / Gross interest	35.5x	14.2x	6.7x
FFO LTM / Net Debt	NM	85%	64%



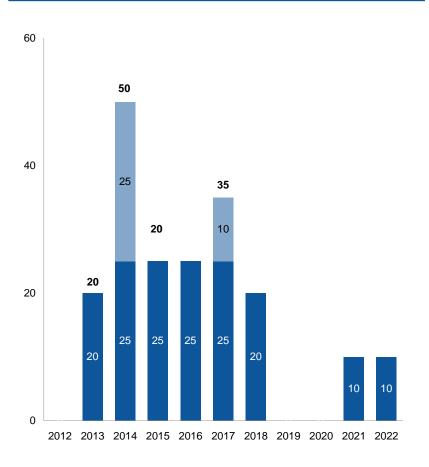




Events after reporting date (non-IFRS data)



Debt Maturity profile as of 15.11.2012 RUB Bn



Events after the reporting date

- In August 2012 Federal Grid placed 10-year RUB 10 billion local bond issue with CPI-linked coupon (1)
- In October 2012 Federal Grid successfully placed 3 bond issues: 4-year RUB 15 Bn, 4.5-year RUB 10 Bn local bond issues and 2.5 year RUB 10 Bn stock-exchange authorized bonds. The coupon rates were set at 8.6%, 8.75% and 8.1% respectively

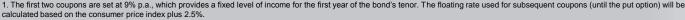
Key prospective in debt financing

 The Company negotiates the possibility to create the mechanisms for issuing of infrastructure bonds in Russian Federation

As of 15.11.2012:

Weighted average cost of ruble-denominated debt financing: 8.4% 100% of the credit portfolio is unsecured debt

Notes:





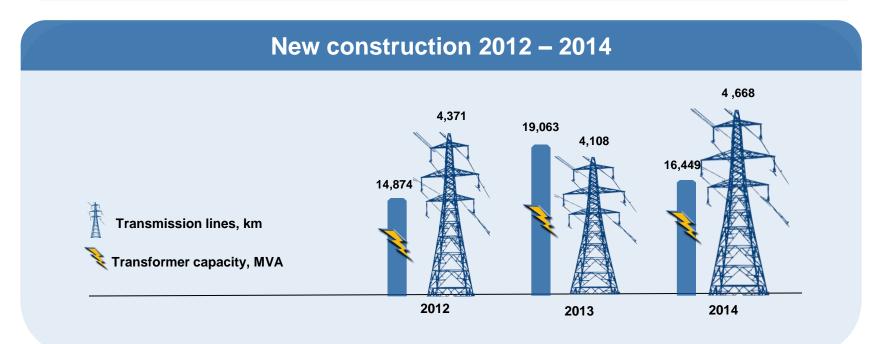




Investment Programme: 2012 – 2014

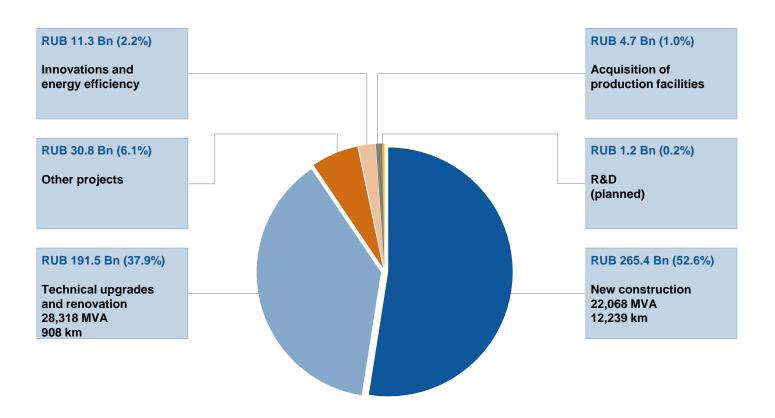


- On 11 May 2012 the Ministry of Energy approved Federal Grid Company's investment programme for 2012 – 2014
- The approved plan entails investments totalling RUR 505 billion into the commissioning of 50,386 MVA of new transformer capacity and 13,147 kilometres of new transmission lines
- In 2012 Federal Grid Company plans to invest RUR 196 billion (including VAT)



2012 – 2014 Investment Programme





Total Volume over 2012 – 2014:

Projected investment:
Capacity to be commissioned:
Grids to be commissioned:

RUB 504.8 Bn 50,386 MVA 13,147 km

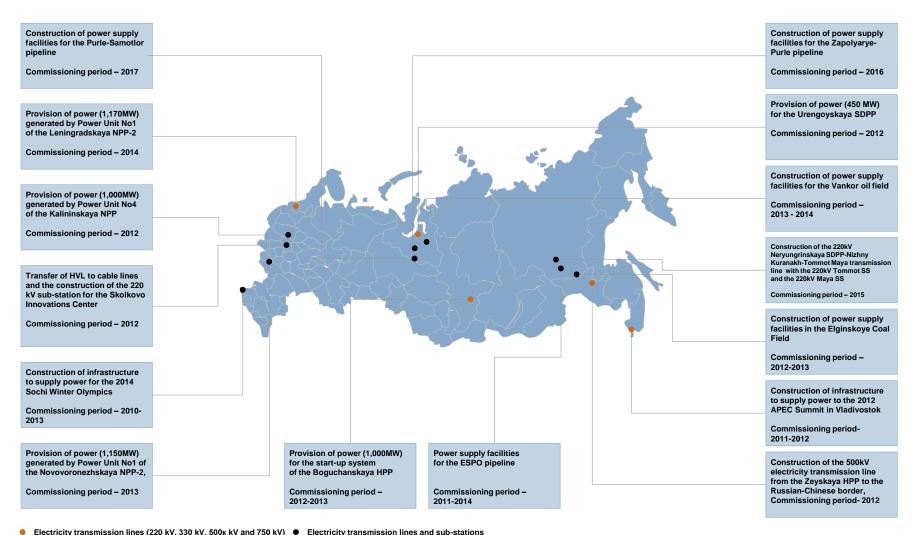






Key Investment Projects











Thank you











Consolidated Interim Statement of Financial Position RUB MM		
	30 June 2012	31 December 20
ASSETS	33 04.110 2012	0. 2000
Non-current assets		
Property, plant and equipment	1,022,111	980,6
Intangible assets	7,498	6,9
Investments in associates	1,506	9
Available-for-sale investments	56,420	69,9
Long-term promissory notes	11,908	14,9
Other non-current assets	993	1,0
Total non-current assets	1,100,436	1,074,5
Current assets		
Cash and cash equivalents	29,953	25,6
Bank deposits	1,035	1,1
Short-term promissory notes	15,438	20,7
Loans given	35	4
Accounts receivable and prepayments	32,886	32,9
Income tax prepayments	1,384	1,9
Inventories	7,492	6,3
Total current assets	88,223	89,1
TOTAL ASSETS	1,188,659	1,163,6
EQUITY AND LIABILITIES		
Equity		
Share capital: Ordinary shares	630,193	627,9
Treasury shares	(5,161)	(5,52
Share premium	10,501	10,5
Reserves	313,688	314,3
Accumulated deficit	(45,628)	(49,96
Equity attributable to the shareholders of JSC "FGC UES"	903,593	897,3
Non-controlling interest	762	79
Total equity	904,355	898,10
Non-current liabilities		
Deferred income tax liabilities	78,928	80,5
Non-current debt	150,740	130,7
Retirement benefit obligations	4,847	4,6
Total non-current liabilities	234,515	216,0
Current liabilities		
Accounts payable to the shareholders of JSC "FGC UES"	55	2,2
Current debt and current portion of non-current debt	2,516	2,0
Accounts payable and accrued charges	46,915	44,9
Income tax payable	303	28
Total current liabilities	49,789	49,5
Total liabilities	284,304	265,57
TOTAL EQUITY AND LIABILITIES	1,188,659	1,163,6







Profit and Loss Statement

	Six months ended 30 June 2012	Six months ende
Revenues	66,909	71,21
Other operating income	1,447	1,58
Operating expenses	(53,584)	(45,657
Gain on disposal of available-for-sale investments	-	31,11
Loss on re-measurement of assets held for sale	-	(4,718
Reversal of impairment of property, plant and equipment, net	267	
Operating profit	15,039	53,54
Finance income	2,237	2,20
Finance costs	(129)	(103
Impairment of available-for-sale investments	(12,895)	
Reversal of impairment of investments in associates	313	
Share of result of associates	(1)	(1
Profit before income tax	4,564	55,64
Income tax	(650)	(11,712
Profit for the period	3,914	43,92
Other comprehensive income		
Change in fair value of available-for-sale investments	(13,559)	(17,261
Accumulated gain on available-for-sale investments recycled to profit or loss	-	(31,115
Impairment of available-for-sale investments recycled to profit or loss	12,895	
Change in revaluation reserve for property, plant and equipment in associates	260	
Foreign currency translation difference	24	(11
Income tax recorded directly in other comprehensive income	133	9,67
Other comprehensive loss for the period, net of income tax	(247)	(38,712
Total comprehensive income for the period	3,667	5,21
Profit / (loss) attributable to:		
Shareholders of JSC "FGC UES"	3,945	44,19
Non-controlling interest	(31)	(269
Total comprehensive income / (loss) attributable to:		
Shareholders of JSC "FGC UES"	3,698	5,48
Non-controlling interest	(31)	(269







Cash Flow Statement



	Six months ended	Six months ended
CASH FLOWS FROM OPERATING ACTIVITIES:	30 June 2012	30 June 201
Profit before profit tax	4,564	55,64
Adjustments to reconcile profit before income tax to net cash provided by operations	4,304	33,04
Depreciation of property, plant and equipment	20,186	15,65
pepreciation of property, plant and equipment	20,166	15,65
Nortisation of intangible assets	278	46
Reversal of impairment of property, plant and equipment, net	(267)	40
mpairment of available-for-sale investments	12,895	
Reversal of impairment of investments in associates	(313)	
Gain on disposal of available-for-sale investments	(313)	(31,115
osin on disposal of available-ior-sale investments.	•	4.71
Share of result of associates	1	4,71
	1.933	
Accrual / (reversal) of allowance for doubtful debtors Share-based compensation	1,933 361	(12 ₄ 88
inance income		
inance income	(2,237) 129	(2,200 10
	7	10
Other non-cash operating expense Operating cash flows before working capital changes and income tax paid	37,816	44,40
Poet ating cash nows before working capital changes and income tax paid Norking capital changes:	37,010	44,40
	(2.445)	(4.00)
ncrease in accounts receivable and prepayments	(2,145)	(1,922
ncrease in inventories	(1,177) 46	(1,406
Decrease / (increase) in other non-current assets ncrease in accounts payable and accrued charges	4,364	(11 ⁻ 2.93
1,7	4,364 162	∠,93 45
ncrease in retirement benefit obligations ncome tax paid	(1,613)	(8,084
Net cash generated by operating activities	37,453	
CASH FLOWS FROM INVESTING ACTIVITIES:	37,453	36,27
Purchase of property, plant and equipment	(58,882)	(69,614
Proceeds from disposal of property, plant and equipment	341	(69,617
Purchase of intangible assets	(803)	(42)
Purchase of promissory notes	(35,000)	(9,000
nvestment in bank deposits	(1,897)	(2,24)
Redemption of promissory notes	45.027	46.62
Redemption of bank deposits	2,046	1,98
nterest received	1,169	94
Net cash used in investing activities	(47,999)	(31,279
CASH FLOWS FROM FINANCING ACTIVITIES:	(47,999)	(31,27
Proceeds from non-current borrowings	20,000	
Repayment of current borrowings	(59)	
Repayment of current borrowings	(75)	
nterest paid	(4,994)	(2,10)
let cash generated by / (used in) financing activities	14,872	(2,10)
Net increase in cash and cash equivalents	4,326	2.89
Cash and cash equivalents at the beginning of the period	25,627	13,57
asii anu casii equivalents at the beginning of the period	23,027	13,37







Glossary



General

The Unified National Electric Grid
 UNEG

OJSC "Federal Grid Company of Unified Energy System" — Federal Grid Company

OJSC "FGC UES" and its subsidiaries — the Group

OJSC "Interregional Distribution Grid Companies Holding — Holding MRSK

Russian Federal Tariff Service – FTS

Financial Metrics

- Adjusted EBITDA profit for the period before income tax expense, finance income and costs, depreciation and amortization adjusted to exclude such items as: a gain on disposal of available-for-sale investments and investments in associates, an impairment (reversal of impairment) of available-for-sale investments and investments in associates, a loss on re-measurement of assets held for sale, a revaluation loss on property, plant and equipment, movements in non-specific impairment of property, plant and equipment, a loss on dilution of share in associates, and to include finance income
- Adjusted EBITDA Margin ratio of Adjusted EBITDA to revenue
- Adjusted Profit for the period profit for the period adjusted for such items as: a gain on disposal of available-for-sale investments and investments in associates, an impairment (reversal of impairment) of available-for-sale investments and investments in associates, a loss on re-measurement of assets held for sale, a revaluation loss on property, plant and equipment, movements in non-specific impairment of property, plant and equipment, a loss on dilution of share in associates, and related deferred income tax effects
- Total Debt current and non-current debt (includes bonds, bank and non-bank loans and finance lease liabilities)
- Net Debt –Total Debt less cash and equivalents, short-term promissory notes and bank deposits
- Capex cash spent during the reporting period for purchase of property, plant and equipment and intangible assets
- Leverage ratio of Net Debt as at the end of the reporting period to Adjusted EBITDA for the last twelve months before the end of that period
- Personnel Related Expenses employee benefit expenses and payroll taxes
- Materials, Repairs and Maintenance costs sum of expenses for repairs and maintenance of equipment (by contractors) and materials for repair
- Debtor Accruals/(Reversals) and Losses on PP&E sum of accrual / (reversal) of allowance for doubtful debtors and loss / (gain) on disposal
 of property, plant and equipment
- D&A –depreciation of property, plant and equipment and amortization of intangible assets
- FFO Adjusted Profit for the period plus D&A
- Gross interest total interest expense before capitalization on borrowings related to qualifying assets







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