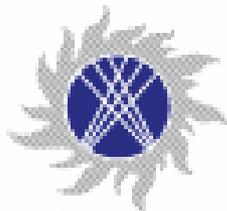


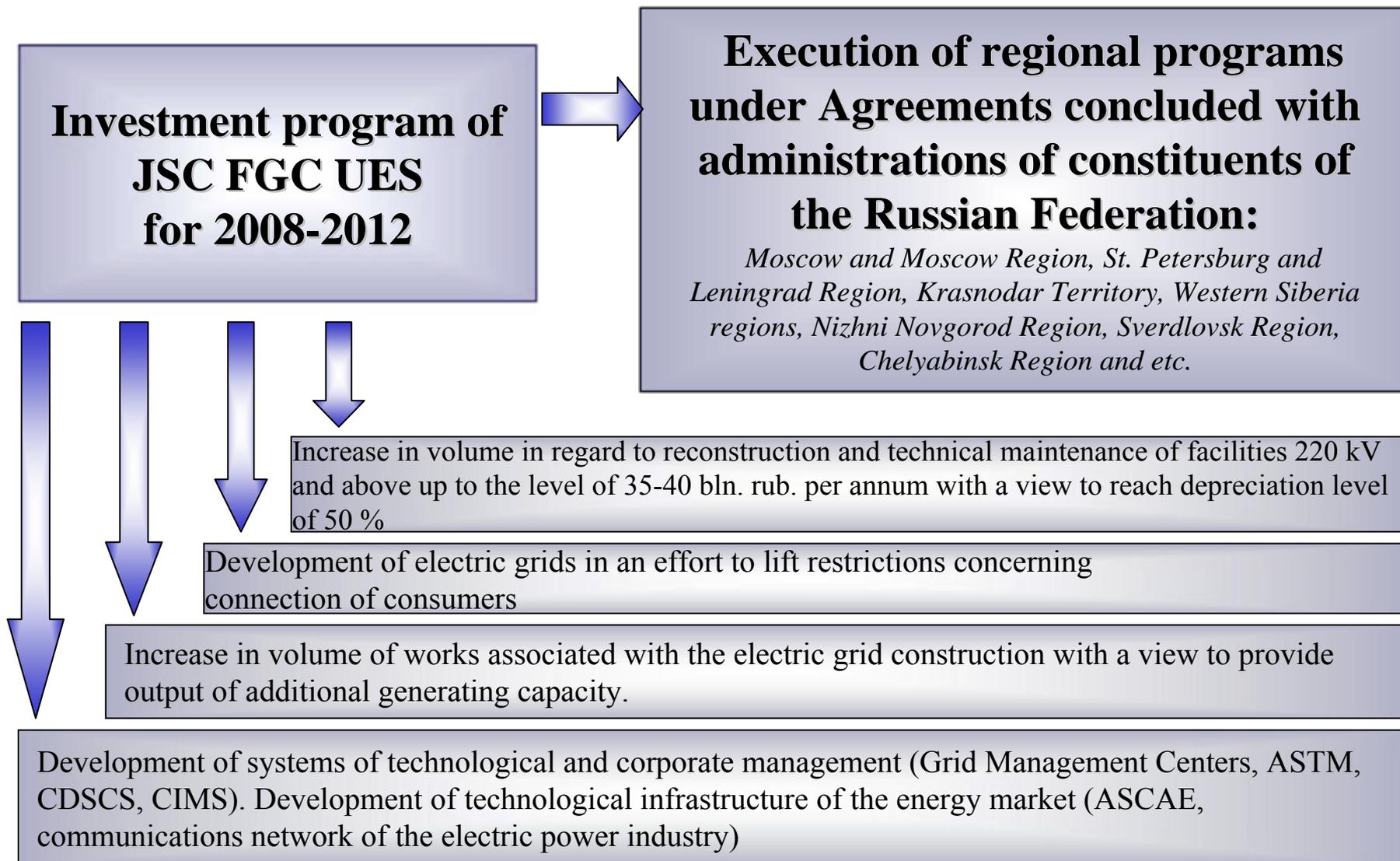
**Федеральная
Сетевая Компания**



**Единой
Энергетической Системы**

**ON RESULTS OF THE
INVESTMENT ACTIVITIES IN
JSC FGC UES
over 9 months of 2008**

General information on JSC FGC UES investment program



Investment plans for 2009-2011



- ❑ **Reliability improvement and UNEG development program for regions :**
 - **Moscow – 20.9 bln. rub.;**
 - **St. Petersburg – 51.2 bln. rub.;**
 - **Western Siberia – 19.2 bln. rub.;**
 - **Lifting of grid restrictions and improving power supply reliability for consumers in other territories – 110 bln. rub. (incl. facilities 220 kV);**
 - **Development of backbone grids – 116.9 bln. rub.;**
- ❑ **Output of plants capacity – 127.7 bln.rub.;**
- ❑ **Renovation of the fixed assets of FGC and Backbone Grid Companies (MSKs) – 118.9 bln.rub.;**
- ❑ **Infrastructure development programs for UNEG electric grids – 43.7 bln.rub.;**
- ❑ **Facilities included in the Federal purpose-oriented programs, power supply facilities of the special economic areas – 31.6 bln.rub.**

TOTAL in 2009-2011
*The Investment program of
JSC FGC UES provides*

640 bln. rub.

*for the new construction and
reconstruction of UNEG*

Execution of the investment program over 9 months of 2008 (mln. rub.)



Facility	Finance			Application of capital investments		
	Plan	Fact	%	Plan	Fact	%
Total according to the list	77 169.57	74 439.51	96%	65 602.14	62 230.12	95%
Facilities of Moscow, St. Petersburg and Western Siberia subject to improvement of power supply reliability	30 189.73	29 920.81	99%	24 175.00	33 668.17	139%
Moscow program	11 339.32	11 314.73	100%	14 585.00	23 453.65	161%
Program for St. Petersburg	9 474.04	9 360.99	99%	1 035.00	1 045.75	101%
Program for Western Siberia	9 376.38	9 245.08	99%	8 555.00	9 168.77	107%
New construction	19 279.71	19 142.29	99%	19 103.60	17 466.04	91%
including:						
Facilities of capacity output of NPP, HPP and TPP	5 702.22	5 631.94	99%	7 703.00	6 325.24	82%
Facilities included in the Agreements concluded with administrations of the regions	8 287.41	8 097.64	98%	7 074.10	6 416.95	91%
Development of backbone grids not included in the Agreements	5 327.78	5 121.59	96%	4 326.50	5 260.41	122%
Other investment programs	27 700.13	25 376.41	92%	22 323.54	11 095.91	50%

Implementation of the financing plan over 9 months of 2008 throughout the regions (mln. rub.)



Region	Plan	Fact	%
North-West	12 189.87	11 814.50	97%
Centre	19 934.03	19 915.24	100%
Volga	1 587.56	1 462.63	92%
South	11 985.96	11 695.06	98%
Ural	5 373.82	5 115.72	95%
Western Siberia	10 075.82	9 262.28	92%
Siberia	3 036.76	2 844.32	94%
East	3 214.88	3 641.45	113%

Implementation of plan aimed at application of capital investments over 9 months of 2008 throughout the regions (mln. rub.)



Region	Plan	Fact	%
North-West	3 435.38	3 167.91	92%
Centre	28 204.79	26 827.68	95%
Volga	548.87	542.53	99%
South	10 554.82	9 548.26	91%
Ural	3 332.68	3 158.50	95%
Western Siberia	9 309.99	9 467.96	102%
Siberia	2 150.45	1 837.37	86%
East	2 208.00	1 890.2	86%

Increase of business competition in 2008 market factors defining price behavior



- ✓ **Number of contractors, suppliers, design engineers – increases at all positions**

	Data are as of 01.01.2008	Data are as of 01.10.2008
Total number of counterparties	800	1100
Number of counterparties with total value of contacts exceeding 1 bln.rub.	27	45
Number of newly coming counterparties with total value of contacts exceeding 1 bln.rub.		10

Input of production capacity in 2008 (1)



Description of title		Start-up facilities of 2008		Actual period of input (following the results of 9 months)
		Input of capacity	Period of input	
I. New construction.				
HVL 220 kV Ivanovskaya SDPP – Nero (to voltage 110kV)		2x95 km	IV quarter	
SS 330 kV Frunzenskaya with overhang of HVL 330 kV and 110 kV		195 MVA	IV quarter	
HVL 220 kV Psou – Poselkovaya with SS 220 kV Poselkovaya		46.4 km, 2x25 MVA, 4x40 MVA	IV quarter	
SS 330 kV Grozny		125 MVA	IV quarter	
SS 330 kV Goryachy Kliuch		63 MVA	IV quarter	
SS 500 kV Yemelino with overhangs of 500 kV, 220 kV		Overhangs 500 kV 2x0.5 km, 501 MVA	IV quarter	
Branch line from HVL 220 kV SUGRES – Pervouralsk to SS 220 kV Trubnaya		7.5 km	IV quarter	
HVL 500 kV Kurgan – Kozyrevo		180 Mvar, 279 km	IV quarter	
HVL 220 kV Khabarovskaya TPP-3 - Khekhtsir		2x66.6 km	IV quarter	
TOTAL:	Length of HVL	657.1 km		
	Reactor capacity	180 Mvar		
	Transformer capacity	1 094 MVA		
II. Technical re-equipment and reconstruction.				
SS 500 kV Raduga		250 MVA	III quarter	August of 2008
SS 330 kV Talashkino		125 MVA	III quarter	September of 2008
SS 500 kV Novo-Anzherskaya		2x250 MVA, 2x180 Mvar, 100 Mvar	IV quarter	
SS 220 kV Severnaya		63 MVA	IV quarter	
TOTAL:	Reactor capacity	460 Mvar		
	Transformer capacity	938 MVA		

Input of production capacity in 2008 (2)



Description of title	Start-up facilities of 2008		Actual period of input (following the results of 9 months)
	Input of capacity	Period of input	
MOSCOW PROGRAM			
Construction of SS 500 kV Zapadnaya with overhangs of Cable HVL and TL 220 kV Zapadnaya-Gertsevo	2x500 MVA, 2x63 MVA, Overhangs of 500 kV, 2x0.3 km, Overhangs of 220 kV, 0.4 km, HVL 220 kV, 2x6.2 km	III quarter	July of 2008
Construction of capacity output facilities of Moscow TPP-27 (Cable line 220 kV TPP-27 – Khlebnikovo)	2x15 km	IV quarter	
Coupling autotransformer on outdoor switchgear 500 kV at Kashirskaya SDPP	500 MVA	IV quarter	
Integrated reconstruction of SS 500 kV Ochakovo	2x500 MVA, 2x250 MVA, 2x100 MVA	IV quarter	
Integrated reconstruction of SS 500 kV Beskudnikovo	4x500 MVA, 2x200 MVA, 4x100 MVA	IV quarter	
PROGRAM FOR ST. PETERSBURG			
Cable line 330 kV SS Zavod Ilich (№15) – SS Volkhov-Severnaya (№16)	2x4.5 km	II quarter	May of 2008
Extension and reconstruction of SS 330 kV Severnaya	2x80 MVA	IV quarter	

Input of production capacity in 2008 (3)

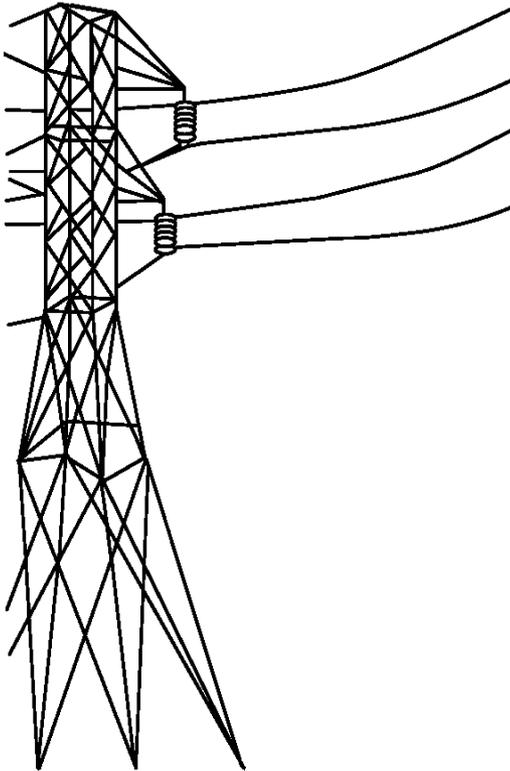


Description of title		Start-up facilities of 2008		Actual period of input (following the results of 9 months)
		Input of capacity	Period of input	
PROGRAM FOR WESTERN SIBERIA REGION				
HVL 220 kV Ilkovo – Krasnoleninskaya GPP (gas processing plant)		64 km	II quarter	May of 2008
Integrated reconstruction of SS 500 kV Tyumen		125 MVA	III quarter	September of 2008
SS 500 kV Pyt'-Yakh (installation of AT, installation of ATG (autotransformer group))		125 MVA, 501 MVA	IV quarter	
HVL 220 kV Kholmogorskaya – Avrorra, Pul'-Yakhta-Muravlenovskaya		2x75 km	IV quarter	
HVL 500 kV Lugovaya – Ilkovo (change over to design voltage with installation of reactors)		180 Mvar	IV quarter	
HVL 500 kV Kholmogorskaya – Muravlenovskaya – Tarko-Sale		108 km	IV quarter	
SS 500 kV Kholmogorskaya		125 MVA	IV quarter	
Overhangs of HVL 220 kV to SS 220 kV Sredny Balyk		2x30 km	IV quarter	
SS 220 kV Kogalym (capacitor banks)		50 Mvar	IV quarter	
SS 220 kV Progress (capacitor banks)		50 Mvar	IV quarter	
TOTAL:	Length of HVL	434 km		
	Reactor capacity	280 Mvar		
	Transformer capacity	7 162 MVA		
TOTAL:	Length of HVL	1 091.1 km		
	Reactor capacity	920 Mvar		
	Transformer capacity	9 194 MVA		

Results of JSC FGC UES investment program over 9 months of 2008



- **Financing plan for the investment program has been implemented by 96% over 9 months of 2008**
- **Plan aimed at application of capital investments for the investment program has been implemented by 95% over 9 months of 2008**
- **Program of capacities input over the period of 2008 is performed according to the schedule**
- **Appropriate buffer stocks have been provided for facilities included in the investment program of 2009 - 2011**



Thank You for
Your attention