



**EXPLANATORY NOTES TO THE BALANCE SHEET
AND STATEMENT OF FINANCIAL POSITION
for 2018**

Annex to Decree of the
Russian Ministry of
Finance No. 66n dated
July 2, 2010 (as revised
by Decree of the Russian
Ministry of Finance No.
124n dated October 5,
2011)

**Public Joint-Stock Company “Federal Grid Company of Unified
Energy System”**

power transmission

public joint-stock company/mixed Russian assets with a federal share

RUB, in thousands

CODES	
OKUD Form No. 5	0710005
Date [year, month, day]	2018 12 31
as per OKPO	56947007
INN	4716016979
as per OKVED	35.12
as per OKOPF/OKFS	47 41
as per OKEI	384

1. Intangible assets and expenses for research and development, design and experimental, and technological works (R&D)

1.1. Availability and changes in intangible assets

Indicator			As of the beginning of year		Changes for the period						As of the end of period		
Item	Code	Period	Initial/current market value	Accumulated depreciation	Received	Withdrawn		Accumulated depreciation	Impairment loss	Revaluation		Initial/current market value	Accumulated depreciation
						Initial/current market value	Accumulated depreciation			Initial/current market value	Depreciation		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Intangible assets - total	5100	for 2018	12 826 299	(10 153 022)	2 248 264	-	-	(1 180 251)	-	-	-	15 074 563	(11 333 273)
	5110	for 2017	12 236 323	(8 909 416)	599 357	(9 381)	246	(1 243 852)	-	-	-	12 826 299	(10 153 022)
including:													
by patent holder for invention, industrial prototype, useful model	5101	for 2018	352 472	(147 143)	14 978	-	-	(30 993)	-	-	-	367 450	(178 136)
	5111	for 2017	329 794	(117 466)	22 678	-	-	(29 677)	-	-	-	352 472	(147 143)
by possessor of right for computer programs, databases	5102	for 2018	9 395 410	(7 687 481)	890 236	-	-	(726 015)	-	-	-	10 285 646	(8 413 496)
	5112	for 2017	9 074 853	(6 842 221)	329 692	(9 135)	-	(845 260)	-	-	-	9 395 410	(7 687 481)
by owner for trademark and service mark, appellation of goods origin	5103	for 2018	89	(6)	-	-	-	(11)	-	-	-	89	(17)
	5113	for 2017	246	(246)	89	(246)	246	(6)	-	-	-	89	(6)
Other	5104	for 2018	3 078 328	(2 318 392)	1 343 050	-	-	(423 232)	-	-	-	4 421 378	(2 741 624)
	5114	for 2017	2 831 430	(1 949 483)	246 898	-	-	(368 909)	-	-	-	3 078 328	(2 318 392)

1.2. Acquisition cost of intangible assets created by the company itself

Indicator Description	Code	As of December 31, 2018	As of December 31, 2017	As of December 31, 2016
1	2	3	4	5
Total	5120	-	-	-

1.3. Totally redeemed intangible assets

Indicator Description	Code	As of December 31, 2018	As of December 31, 2017	As of December 31, 2016
1	2	3	4	5
Total	5130	7 724 103	6 355 191	6 198 334
including				
Other	5131	7 724 103	6 355 191	6 198 334

1.4. Availability and changes in R&D results

Indicator Description	Code	Period	As of the beginning of year		Changes for the period				As of the end of period	
			initial/current market value	part of cost expensed as incurred	Received	Withdrawn		part of cost expensed as incurred	initial/current market value	part of cost expensed as incurred
						initial/current market value	part of cost expensed as incurred			
1	2	3	4	5	6	7	8	9	10	11
R&D - total	5140	for 2018	403 971	(321 529)	-	-	-	(75 664)	403 971	(397 193)
	5150	for 2017	403 971	(240 924)	-	-	-	(80 605)	403 971	(321 529)
including:										
Creation of the general information model of UES based on IEC standards	5141	for 2018	65 811	(49 358)	-	-	-	(13 162)	65 811	(62 520)
	5151	for 2017	65 811	(36 196)	-	-	-	(13 162)	65 811	(49 358)
AAS concept development	5142	for 2018	80 007	(65 341)	-	-	-	(14 666)	80 007	(80 007)
	5152	for 2017	80 007	(49 339)	-	-	-	(16 002)	80 007	(65 341)
UNEG of Russia modernization program for the period till 2020, with perspective till 2030	5143	for 2018	84 955	(69 380)	-	-	-	(15 575)	84 955	(84 955)
	5153	for 2017	84 955	(52 389)	-	-	-	(16 991)	84 955	(69 380)
Program of innovative development of FGC UES, JSC till 2020	5144	for 2018	60 819	(49 670)	-	-	-	(11 149)	60 819	(60 819)
	5154	for 2017	60 819	(37 506)	-	-	-	(12 164)	60 819	(49 670)
Other	5145	for 2018	112 379	(87 780)	-	-	-	(21 112)	112 379	(108 892)
	5155	for 2017	112 379	(65 494)	-	-	-	(22 286)	112 379	(87 780)

1.5. Unfinished R&D and unfinished transactions on intangible assets acquisition

Indicator Description	Code	Period	As of the beginning of year	Changes for the period			As of the end of period
				expenses for the period	expenses withdrawn as non-effective	accounted as intangible assets or R&D	
1	2	3	4	5	6	7	8
Expenses for unfinished R&D - total	5160	for 2018	4 826 387	537 415	-	(2 432 529)	2 931 273
	5170	for 2017	4 718 625	377 301	-	(269 539)	4 826 387
including:							
Development of technical requirements, design, manufacturing and testing of high-temperature superconductor of direct-current cable, including converters	5161	for 2018	911 625	-	-	(911 625)	-
	5171	for 2017	911 625	-	-	-	911 625
Setting-up a smart network within UPS East (Vostok)	5162	for 2018	236 736	-	-	(189 914)	46 822
	5172	for 2017	236 736	-	-	-	236 736
Development and manufacture of the production prototype for 500 kV HV line of Sayano-Shushenskaya HPP	5163	for 2018	315 222	-	-	-	315 222
	5173	for 2017	318 025	-	-	(2 803)	315 222
Other	5164	for 2018	3 362 804	537 415	-	(1 330 990)	2 569 229
	5174	for 2017	3 252 239	377 301	-	(266 736)	3 362 804
Unfinished operations on intangible assets acquisition - total	5180	for 2018	766 055	1 280 198	(67 803)	(843 255)	1 135 195
	5190	for 2017	605 032	509 590	(27 885)	(320 682)	766 055
including:							
Schemes of territorial planning of the Russian Federation in the field of power production	5181	for 2018	119 944	4 969	-	(124 913)	-
	5191	for 2017	-	119 944	-	-	119 944
Automated control system for maintenance planning and technical state assessment	5182	for 2018	-	131 090	-	-	131 090
	5192	for 2017	-	-	-	-	-
Creation of OSNBS of electrical grid facilities	5183	for 2018	55 475	-	-	-	55 475
	5193	for 2017	55 475	-	-	-	55 475
Development of integrated data systems for finance and economy block control	5184	for 2018	-	127 707	-	-	127 707
	5194	for 2017	-	-	-	-	-
Special automatic information and measurement system of Federal Grid Company	5185	for 2018	133 990	-	-	-	133 990
	5195	for 2017	133 990	-	-	-	133 990
CICS transformation in terms of production and economic activity	5186	for 2018	-	127 390	-	-	127 390
	5196	for 2017	-	-	-	-	-
Other	5187	for 2018	456 646	889 042	(67 803)	(718 342)	559 543
	5197	for 2017	415 567	389 646	(27 885)	(320 682)	456 646

2. Fixed assets
2.1. Availability and changes in fixed assets

Indicator Description	Code	Period	As of the beginning of year		Changes for the period						As of the end of period		
					received		objects withdrawn		accumulated depreciation	revaluation			
			initial cost	accumulated depreciation	initial cost	accumulated depreciation	initial cost	accumulated depreciation		initial cost	accumulated depreciation	initial cost	accumulated depreciation
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Fixed assets (excluding income-bearing investments in tangible assets) - total	5200	for 2018	1 736 463 226	(858 135 153)	138 022 152	(91 601)	(2 211 251)	1 709 226	(77 468 469)	31 678 582	(15 647 039)	1 903 952 709	(949 633 036)
including:	5210	for 2017	1 609 610 199	(752 170 088)	72 864 202	(337 436)	(3 535 660)	2 899 922	(80 713 464)	57 524 485	(27 814 087)	1 736 463 226	(858 135 153)
	5201	for 2018	101 072 003	(27 729 196)	5 840 739	-	(90 473)	58 993	(3 500 576)	2 289 334	(662 940)	109 111 603	(31 833 719)
Buildings	5211	for 2017	93 032 807	(23 020 960)	3 116 143	(1 787)	(134 270)	70 789	(3 324 395)	5 057 323	(1 452 843)	101 072 003	(27 729 196)
Constructions and transfer mechanisms	5202	for 2018	989 720 286	(497 114 131)	75 658 913	(8 118)	(510 131)	256 011	(34 782 131)	9 674 136	(4 243 279)	1 074 543 204	(535 891 648)
	5212	for 2017	933 449 680	(449 074 972)	31 384 011	(41 697)	(1 097 796)	955 728	(36 564 294)	25 984 391	(12 388 896)	989 720 286	(497 114 131)
Machinery and equipment	5203	for 2018	631 039 587	(323 587 172)	54 978 821	(23 081)	(1 294 696)	1 113 733	(38 086 148)	19 714 240	(10 740 478)	704 437 952	(371 323 146)
	5213	for 2017	569 235 397	(271 265 193)	37 367 206	(293 609)	(2 043 458)	1 671 672	(39 728 075)	26 480 442	(13 971 967)	631 039 587	(323 587 172)
Transport vehicles	5204	for 2018	8 444 898	(6 690 248)	702 087	(4 294)	(212 461)	209 720	(672 039)	-	-	8 934 524	(7 156 861)
	5214	for 2017	7 988 442	(6 091 654)	604 157	(5)	(147 701)	143 617	(742 206)	-	-	8 444 898	(6 690 248)
Production and household stock	5205	for 2018	3 563 605	(2 578 293)	524 480	(55 777)	(49 899)	48 612	(333 554)	98	(10)	4 038 284	(2 919 022)
	5215	for 2017	3 264 150	(2 308 316)	337 139	(338)	(37 613)	36 711	(306 349)	(71)	(1)	3 563 605	(2 578 293)
Other types of fixed assets	5206	for 2018	525 482	(384 527)	46 526	(331)	(43 798)	22 157	(22 777)	774	(332)	528 984	(385 810)
	5216	for 2017	573 848	(374 603)	23 697	-	(74 463)	21 405	(30 949)	2 400	(380)	525 482	(384 527)
Land plots and natural resources sites	5207	for 2018	1 753 458	-	345	-	(9 793)	-	-	-	-	1 744 010	-
	5217	for 2017	1 721 968	-	31 849	-	(359)	-	-	-	-	1 753 458	-
Fixed assets obtained under leasing agreement	5220	for 2018	343 907	(51 586)	270 241	-	-	-	(71 244)	-	-	614 148	(122 830)
	5230	for 2017	343 907	(34 390)	-	-	-	-	(17 196)	-	-	343 907	(51 586)

2.2. Incomplete capital investments

Indicator name	Code	Period	As of the beginning of year	Changes for the period			As of the end of period
				expenses for the period	withdrawn	accounted as fixed assets or the value is increased	
1	2	3	4	5	6	7	8
Incomplete capital investments, total	5250	for 2018	258 496 995	122 990 480	(18 794 011)	(137 741 037)	224 952 427
	5240	for 2017	219 077 652	134 708 196	(22 992 349)	(72 296 504)	258 496 995
including:							
Construction in progress	5251	for 2018	220 410 704	96 999 688	(2 066 354)	(134 790 561)	180 553 477
	5241	for 2017	181 275 466	94 563 561	(1 622 866)	(53 805 457)	220 410 704
acquisition of fixed asset items	5252	for 2018	423 207	3 310 219	(2 738)	(2 949 265)	781 423
	5242	for 2017	54 671	18 859 583	-	(18 491 047)	423 207
DEW non-completed	5253	for 2018	4 202 996	2 785 453	(1 097 343)	-	5 891 106
	5243	for 2017	4 419 388	1 156 250	(1 372 642)	-	4 202 996
equipment for installation	5251	for 2018	33 460 088	19 895 120	(15 627 576)	(1 211)	37 726 421
	5244	for 2017	33 328 127	20 128 802	(19 996 841)	-	33 460 088

2.3. Change in the cost of fixed assets as a consequence of further construction, further equipment, reconstruction and partial liquidation

Indicator Description	Code	for 2018	for 2017
1	2	3	4
Increase in the cost of fixed assets as a consequence of further construction, further equipment, reconstruction - total	5260	19 315 573	13 771 674
including:			
Buildings	5261	994 312	386 988
Constructions and transfer mechanisms	5262	14 207 950	8 485 293
Machinery and equipment	5263	4 103 288	4 717 239
Transport vehicles	5264	3 247	165 906
Production and household stock	5265	415	924
Other	5266	6 361	15 324
Decrease in the cost of fixed assets as a consequence of partial liquidation - total:	5270	(125 553)	(560 948)
including:			
Buildings	5271	(519)	-
Constructions and transfer mechanisms	5272	(116 846)	(535 198)
Machinery and equipment	5273	(8 188)	(25 600)
Transport vehicles	5274	-	(150)
Production and household stock	5275	-	-

2.4. Other use of fixed assets

Indicator Description	Code	As of December 31, 2018	As of December 31, 2017	As of December 31, 2016
1	2	3	4	5
Rented fixed assets on the balance sheet	5280	9 416 044	8 093 607	7 680 932
Rented fixed assets out of the balance sheet	5281	27 532	6 205	25 822
Leased fixed assets on the balance sheet	5282	491 319	292 321	309 516
Leased fixed assets out of the balance sheet	5283	75 482 819	37 501 887	33 654 082
Real assets accepted into operation and actually used, being in the process of state registration	5284	205 334 826	150 440 214	185 337 710
Isolated fixed assets	5285	174 445	102 835	98 323
Other use of fixed assets (pledge, etc.)	5286	141 501	144 307	-

3. Financial investments

3.1. Availability and changes in financial investments

Indicator Description	Code	Period	As of the beginning of year		Changes for the period						As of the end of period	
			initial cost	accumulated correction	Received		Withdrawn (repaid)		accrual of interest (including adjustment of	current market value (impairment loss)	initial cost	accumulated correction
					initial cost	accumulated correction	initial cost	accumulated correction				
1	2	3	4	5	6	7	8	9	10	11	12	13
Long-term - total	5301	for 2018	124 536 163	(40 471 256)	631 394	-	(40 280 295)	188 140	-	13 098 787	84 887 262	(27 184 329)
	5321	for 2017	103 899 685	(32 075 463)	33 036 454	-	(12 399 976)	-	-	(8 395 793)	124 536 163	(40 471 256)
including:												
Investment into charter capitals of other companies	5302	for 2018	96 807 646	(30 269 019)	-	-	(40 280 295)	188 140	-	11 618 113	56 527 351	(18 462 766)
	5322	for 2017	78 728 273	(22 792 879)	18 079 453	-	(80)	-	-	(7 476 140)	96 807 646	(30 269 019)
Investment into charter capitals of subsidiaries and affiliates	5303	for 2018	27 728 517	(10 202 237)	504 276	-	-	-	-	1 480 674	28 232 793	(8 721 563)
	5323	for 2017	24 171 412	(9 282 584)	3 691 244	-	(134 139)	-	-	(919 653)	27 728 517	(10 202 237)
Securities (promissory notes)	5304	for 2018	-	-	-	-	-	-	-	-	-	-
	5324	for 2017	-	-	-	-	-	-	-	-	-	-
Loans extended	5305	for 2018	-	-	127 118	-	-	-	-	-	127 118	-
	5325	for 2017	1 000 000	-	11 265 757	-	(12 265 757)	-	-	-	-	-
Deposits	5306	for 2018	-	-	-	-	-	-	-	-	-	-
	5326	for 2017	-	-	-	-	-	-	-	-	-	-
Other	5307	for 2018	-	-	-	-	-	-	-	-	-	-
	5327	for 2017	-	-	-	-	-	-	-	-	-	-
Short-term - total	5308	for 2018	2 051 190	-	17 014 749	-	(12 487 848)	-	-	-	6 578 091	-
	5328	for 2017	2 067 318	-	9 281 149	-	(9 297 277)	-	-	-	2 051 190	-
including:												
Investment into charter capitals of other companies	5309	for 2018	-	-	-	-	-	-	-	-	-	-
	5329	for 2017	-	-	-	-	-	-	-	-	-	-
Investment into charter capitals of subsidiaries and affiliates	5310	for 2018	-	-	-	-	-	-	-	-	-	-
	5330	for 2017	-	-	-	-	-	-	-	-	-	-
Securities (promissory notes)	5311	for 2018	-	-	-	-	-	-	-	-	-	-
	5331	for 2017	-	-	-	-	-	-	-	-	-	-
Loans extended	5312	for 2018	2 042 470	-	13 319 919	-	(12 479 128)	-	-	-	2 883 261	-
	5332	for 2017	2 058 598	-	9 281 149	-	(9 297 277)	-	-	-	2 042 470	-
Deposits	5313	for 2018	-	-	3 694 830	-	-	-	-	-	3 694 830	-
	5333	for 2017	-	-	-	-	-	-	-	-	-	-
Other	5314	for 2018	8 720	-	-	-	(8 720)	-	-	-	-	-
	5334	for 2017	8 720	-	-	-	-	-	-	-	8 720	-
Financial investments - total	5300	for 2018	126 587 353	(40 471 256)	17 646 143	-	(52 768 143)	188 140	-	13 098 787	91 465 353	(27 184 329)
	5320	for 2017	105 967 003	(32 075 463)	42 317 603	-	(21 697 253)	-	-	(8 395 793)	126 587 353	(40 471 256)

Indicator Description	Code	As of December 31, 2018	As of December 31, 2017	As of December 31, 2016
1	2	3	4	5
Financial investments received as pledge - total	53200	-	-	-
Financial investments transferred to third parties (except sale) - total	53205	-	-	-
Other use of financial investments	53209	-	-	-

4. Inventory
4.1. Availability and changes in inventories

Indicator Description	Code	Period	As of the beginning of year		revenues and expenditures	Changes for the period				As of the end of period	
			production cost	cost reduction reserve amount		Withdrawn (repaid)		loss from deterioration in value	inventory turnover between their groups (types)	production cost	cost reduction reserve amount
						production cost	provision for deterioration in value				
1	2	3	4	5	6	7	8	9	10	11	12
Inventories - total	5400	for 2018	9 749 040	-	4 658 711	(3 469 900)	-	-	-	10 937 851	-
	5420	for 2017	9 108 558	-	1 867 301	(1 226 819)	-	-	-	9 749 040	-
Raw materials, materials and other valuables	5401	for 2018	9 749 040	-	4 658 711	(3 469 900)	-	-	-	10 937 851	-
	5421	for 2017	9 108 558	-	1 867 301	(1 226 819)	-	-	-	9 749 040	-
finished goods and goods for sale	5402	for 2018	-	-	-	-	-	-	-	-	-
	5422	for 2017	-	-	-	-	-	-	-	-	-

4.2. Pledged inventory

Indicator Description	Code	As of December 31, 2018	As of December 31, 2017	As of December 31, 2016
1	2	3	4	5
Inventory not paid as of the reporting date - total	5440	-	-	-
Inventory pledged under contracts - total	5445	-	-	-

5. Receivables and payables
5.1 Availability and changes in accounts receivable

Indicator Description	Code	Period	As of the beginning of year		Changes for the period						As of the end of period		
			by contract terms	bad debt provision	received		disposals			writing off at the expense of provision funds	transfer from long-term to short-term debt	by contract terms	bad debt provision
					as a result of business activities (transaction debt)	interest, fines and other accruals due	repayment	writing-off	allowance recovery				
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Long-term accounts receivable - total	5501	for 2018	78 264 585	(381 720)	15 339 394	134 165	(1 112 983)	-	271 737	(9)	14 070 710	92 625 152	(109 974)
	5521	for 2017	11 378 417	(50 855)	88 651 040	212 133	(48 972 281)	-	(330 953)	(88)	26 995 364	78 264 585	(381 720)
including:													
customers and consumers	5502	for 2018	76 671 024	(277 623)	14 314 743	-	(249 333)	-	224 903	-	14 080 266	90 736 434	(52 720)
	5522	for 2017	10 485 059	-	87 228 958	-	(48 093 198)	-	(277 623)	-	27 050 205	76 671 024	(277 623)
advance payments made	5503	for 2018	-	-	-	-	-	-	-	-	-	-	-
	5523	for 2017	88	(88)	-	-	-	-	-	(88)	-	-	-
other debtors	5504	for 2018	1 593 561	(104 097)	1 024 651	134 165	(863 650)	-	46 834	(9)	(9 556)	1 888 718	(57 254)
	5524	for 2017	893 270	(50 767)	1 422 082	212 133	(879 083)	-	(53 330)	-	(54 841)	1 593 561	(104 097)
Short-term accounts receivable - total	5510	for 2018	108 077 163	(57 580 953)	390 043 479	9 525 072	(365 233 255)	(88 323)	(7 402 386)	(900 894)	(14 070 710)	141 423 242	(64 082 445)
	5530	for 2017	183 333 369	(59 459 654)	345 099 981	12 482 536	(404 234 187)	(15 692)	285 221	(1 593 480)	(26 995 364)	108 077 163	(57 580 953)
including:													
customers and consumers	5511	for 2018	42 188 406	(5 800 158)	291 119 118	-	(291 432 778)	(78 298)	(4 763 670)	(103 120)	(14 107 896)	41 693 328	(10 460 708)
	5531	for 2017	99 366 476	(9 390 388)	254 904 719	-	(284 894 927)	(8 750)	3 439 224	(151 006)	(27 028 106)	42 188 406	(5 800 158)
amounts owed by members (founders) as payments into the authorized capital	5512	for 2018	-	-	-	-	-	-	-	-	-	-	-
	5532	for 2017	-	-	-	-	-	-	-	-	-	-	-
advance payments made	5513	for 2018	1 113 432	(842 878)	7 222 430	-	(6 669 897)	-	821 378	(161)	-	1 665 804	(21 339)
	5533	for 2017	2 495 097	(1 979 163)	12 379 574	-	(12 640 749)	-	15 795	(1 120 490)	-	1 113 432	(842 878)
other debtors	5514	for 2018	64 775 325	(50 937 917)	91 701 931	9 525 072	(67 130 580)	(10 025)	(3 460 094)	(797 613)	37 186	98 064 110	(53 600 398)
	5534	for 2017	81 471 796	(48 090 103)	77 815 688	12 482 536	(106 698 511)	(6 942)	(3 169 798)	(321 984)	32 742	64 775 325	(50 937 917)
Advance payments under non-current assets (balance line 1173)	5515	for 2018	27 845 850	(6 580 182)	37 867 095	-	(40 219 197)	(2 760)	2 921 807	(203 183)	-	25 287 805	(3 455 192)
	5535	for 2017	34 842 818	(9 052 731)	49 333 999	-	(56 228 813)	-	2 370 395	(102 154)	-	27 845 850	(6 580 182)
Total	5500	for 2018	214 187 598	(64 542 855)	443 249 968	9 659 237	(406 565 435)	(91 083)	(4 208 842)	(1 104 086)	-	259 336 199	(67 647 611)
	5520	for 2017	229 554 604	(68 563 240)	483 085 020	12 694 669	(509 435 281)	(15 692)	2 324 663	(1 695 722)	-	214 187 598	(64 542 855)

5.2 Overdue accounts receivable

Indicator Description	Code	As of December 31, 2018		As of December 31, 2017		As of December 31, 2016	
		by contract terms	balance value (less provision for doubtful debts)	by contract terms	balance value (less provision for doubtful debts)	by contract terms	balance value (less provision for doubtful debts)
1	2	3	4	5	6	7	8
Total	5540	25 859 867	4 324 736	26 806 306	9 232 714	35 768 797	15 516 478
including:							
Customers and consumers	5541	13 453 510	2 992 811	14 118 815	8 326 366	22 041 037	12 650 692
Advance payments made	5542	19 764	18 124	3 604	1 598	2 381	-
Other debtors	5543	7 835 385	177 969	5 407 428	15 555	1 878 317	29 508
Advances against noncurrent assets (balance line 1173)	5544	4 551 208	1 135 832	7 276 459	889 195	11 847 062	2 836 278

5.3 Availability and changes in accounts payable

Indicator Description	Code	Period	As of the beginning of year	Changes for the period					As of the end of period
				received		disposals		transfer from long-term to short-term debt	
				as a result of business activities (transaction debt)	interest, fines and other accruals due	repayment	writing-off		
1	2	3	4	5	6	7	8	9	10
Long-term accounts payable - total	5551	for 2018	17 242 803	689 660	-	(2 361 885)	(1 628)	2 139 157	17 708 107
	5571	for 2017	512 667	19 949 390	-	(6 250 337)	(15 733)	3 046 816	17 242 803
Short-term accounts payable - total	5560	for 2018	54 484 828	678 340 562	645 715	(662 996 259)	(112 280)	(2 139 157)	68 223 409
	5580	for 2017	60 031 744	593 806 114	455 380	(596 717 447)	(44 147)	(3 046 816)	54 484 828
including:									
suppliers and contractors	5561	for 2018	30 383 436	314 432 442	1 207	(305 146 441)	(111 119)	(258 626)	39 300 899
	5581	for 2017	31 047 890	270 089 190	23 625	(267 688 909)	(36 618)	(3 051 742)	30 383 436
Amounts owed to the company staff	5562	for 2018	19 407	50 682 002	-	(50 682 893)	-	-	18 516
	5582	for 2017	21 370	48 524 667	-	(48 526 610)	(20)	-	19 407
Amounts owed to state non-budget funds	5563	for 2018	533 822	14 997 842	-	(14 871 426)	-	-	660 238
	5583	for 2017	555	13 070 857	-	(12 537 590)	-	-	533 822
Taxes and fees payables	5564	for 2018	7 278 959	128 745 523	30 060	(125 012 660)	-	-	11 041 882
	5584	for 2017	16 731 083	116 346 575	25 192	(125 823 891)	-	-	7 278 959
Advances received	5565	for 2018	12 501 008	104 000 710	-	(101 410 472)	(683)	(1 882 141)	13 208 422
	5585	for 2017	8 171 878	66 541 545	-	(62 217 179)	(4 978)	9 742	12 501 008
Other creditors	5566	for 2018	3 621 211	46 595 868	614 448	(47 053 667)	(478)	1 610	3 778 992
	5586	for 2017	3 984 504	63 302 544	406 563	(64 065 053)	(2 531)	(4 816)	3 621 211
Payables to members (founders)	5567	for 2018	146 985	18 886 175	-	(18 818 700)	-	-	214 460
	5587	for 2017	74 464	15 930 736	-	(15 858 215)	-	-	146 985
Total	5550	for 2018	71 727 631	679 030 222	645 715	(665 358 144)	(113 908)	-	85 931 516
	5570	for 2017	60 544 411	613 755 504	455 380	(602 967 784)	(59 880)	-	71 727 631

5.4 Overdue accounts payable

Indicator Description	Code	As of December 31, 2018	As of December 31, 2017	As of December 31, 2016
1	2	3	4	5
Short-term accounts payable	5590	3 220 769	827 624	251 777
including:				
Suppliers and contractors	5591	3 135 417	819 988	233 059
Advances received	5592	61 907	-	18 644
Other creditors	5593	23 445	7 636	74

6. Production costs

Indicator Description	Code	for 2018	for 2017
1	2	3	4
Material expenses	5610	48 751 402	32 499 779
Labor costs	5620	20 293 050	19 022 011
Fringe benefit expenses	5630	5 673 112	5 267 772
Depreciation	5640	78 624 469	81 979 757
Other expenses	5650	25 973 996	21 867 903
Total by cost category	5660	179 316 029	160 637 222
Change in balance (growth [-], loss [+]):			
work in progress, finished goods, etc. (growth [-])	5670		
work in progress, finished goods, etc. (loss [+])	5680		
Total costs for common activities	5600	179 316 029	160 637 222

7. Provisions for contingent liabilities

Indicator Description	Code	Period	As of the beginning of year	Accrued	Use	Restored	As of the end of period
1	2	3	4	5	6	7	8
Estimated liabilities	5700	for 2018	2 516 769	4 056 128	(3 993 610)	(21 979)	2 557 308
		for 2017	2 426 829	3 435 670	(3 317 669)	(28 061)	2 516 769
including:							
Estimated liability related to unutilized vacation	5701	for 2018	867 969	2 773 502	(2 678 495)	-	962 976
		for 2017	816 145	2 345 710	(2 293 886)	-	867 969
Estimated liability related to prior period payments	5702	for 2018	1 048 708	1 069 157	(1 026 729)	(21 979)	1 069 157
		for 2017	943 507	1 048 708	(915 446)	(28 061)	1 048 708
Estimated liability related to non-state pension fund	5703	for 2018	38 351	-	(38 351)	-	-
		for 2017	106 428	38 351	(106 428)	-	38 351
Estimated liability related to payments to management and control bodies	5704	for 2018	870	3 481	(870)	-	3 481
		for 2017	1 909	870	(1 909)	-	870
Estimated liability related to payments to Audit Committee members	5705	for 2018	-	705	-	-	705
		for 2017	-	-	-	-	-
Estimated liability according to contract terms	5706	for 2018	558 840	-	(247 134)	-	311 706
		for 2017	558 840	-	-	-	558 840
Estimated liability related to litigations (penalties, fines, liquidated damages)	5707	for 2018	-	209 283	-	-	209 283
		for 2017	-	-	-	-	-
Estimated liability related to the disputable part of electric power losses	5708	for 2018	2 031	-	(2 031)	-	-
		for 2017	-	2 031	-	-	2 031

8. Securing Liabilities

Indicator Description	Code	As of December 31, 2018	As of December 31, 2017	As of December 31, 2016
1	2	3	4	5
Received - total	5800	71 025 953	68 805 025	78 556 902
including:				
Bank guarantees	5801	70 356 607	65 689 412	77 737 509
Surety agreements	5802	7 074	2 400 832	-
Property pledge contract	5803	599 618	651 346	735 206
Other	5804	62 654	63 435	84 187
Issued under own obligations - total	5810	1 094 844	2 580 588	2 248 381
including:				
Surety	5811	1 094 844	2 580 588	2 248 381

9. Government aid

Indicator Description	Code	For 2018	For 2017
1	2	3	4
Budget funds received – total	5900	-	-
including:			
investments into non-current assets	5901	-	-

Chief Executive _____ A.E. Murov
[signature] [print name]

Chief Accountant _____ A.P. Noskov
[signature] [print name]

February 20, 2019