

LIST OF AFFILIATES
Public Joint-Stock Company
Moscow United Electric Grid Company

(full corporate name of the Joint-Stock Company)

Issuer's code:

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(the date on which the Company's list of affiliates was prepared)

Issuer's address: 115114, the Russian Federation, Moscow, 2nd Paveletsky passage, 3, bld. 2.
(Issuer's address is a Joint-Stock Company where the body or representative of the Joint-Stock Company is located as specified in the Uniform State Register of Legal Entities)

The information contained in this list of affiliates is subject to disclosure in accordance with the securities laws of the Russian Federation

Web-page address: www.e-disclosure.ru/portal/company.aspx?id=5563; www.moesk.ru
(web-page used by the issuer for disclosure of information)

Corporate Secretary (acting under Power of Attorney
No. 77/555-n/77-2018-5-238 dated May 15, 2018)

(signature) A. N. Svirin
(first name, patronymic,
surname)

Date " 10 " January 2018

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B) The content of the list of the affiliates of the Joint-Stock Company

Issuer's codes	
INN	5036065113
OGRN	1057746555811

I. List of the affiliates as of

3 1 1 2 2 0 1 8

Ser. No.	Full company name (name for a non-profit organization) or full name of the affiliate	Location of legal entity or place of residence of an individual (indicated only with the consent of an individual)	Ground(s) for being deemed to be an affiliate	Effective date of the ground(s)	Affiliate's share in the authorized capital of the Joint-Stock Company, %	Affiliate's share of ordinary shares of the Joint-Stock Company, %
1	2	3	4	5	6	7
1	<i>Gavrilenko Anatoly Anatolievich</i>	-	<i>The person is a member of the Board of Directors of the Joint-Stock Company</i>	<i>June 7, 2018</i>	-	-
2	<i>Hasangadzhiev Hasan Gizbullagovich</i>	-	<i>The person is a member of the Board of Directors of the Joint-Stock Company</i>	<i>June 7, 2018</i>	-	-
3	<i>Goncharov Yury Vladimirovich</i>	-	<i>The person is a member of the Board of Directors of the Joint-Stock Company</i>	<i>June 7, 2018</i>	-	-
4	<i>Grischenko Sergey Valentinovich</i>	-	<i>The person is a member of the Board of Directors of the Joint-Stock Company</i>	<i>June 7, 2018</i>	-	-
5	<i>Livinsky Pavel Anatolievich</i>	-	<i>The person is a member of the Board of Directors of the Joint-Stock Company</i> <i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>June 7, 2018</i> <i>September 12, 2017</i>	-	-
6	<i>Logovinsky Evgeny Ilyich</i>	-	<i>The person is a member of the Board of Directors of the Joint-Stock Company</i>	<i>June 7, 2018</i>	-	-
7	<i>Nikitin Sergey Alexandrovich</i>	-	<i>The person is a member</i>	<i>June 7, 2018</i>	-	-

			<i>of the Board of Directors of the Joint-Stock Company</i>			
8	<i>Nuzhdov Alexey Viktorovich</i>	-	<i>The person is a member of the Board of Directors of the Joint-Stock Company</i>	<i>June 7, 2018</i>	-	-
9	<i>Olkovich Evgeny Alexandrovich</i>	-	<i>The person is a member of the Board of Directors of the Joint-Stock Company</i>	<i>June 7, 2018</i>	-	-
10	<i>Romanovskaya Larisa Anatolyevna</i>	-	<i>The person is a member of the Board of Directors of the Joint-Stock Company</i>	<i>June 7, 2018</i>	-	-
11	<i>Sergeev Sergey Vladimirovich</i>	-	<i>The person is a member of the Board of Directors of the Joint-Stock Company</i>	<i>June 7, 2018</i>	-	-
12	<i>Sergeeva Olga Andreevna</i>	-	<i>The person is a member of the Board of Directors of the Joint-Stock Company</i>	<i>June 7, 2018</i>	-	-
13	<i>Sinyutin Pyotr Alexeevich</i>	-	<i>The person is a member of the Board of Directors of the Joint-Stock Company</i>	<i>June 7, 2018</i>	-	-
			<i>The person is the sole executive body of the Joint-Stock Company</i>	<i>February 5, 2016</i>		
			<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 12, 2012</i>		
			<i>The person is a member of the collegial executive body of the Joint-Stock Company</i>	<i>February 5, 2016</i>		
14	<i>Budyko Mark Leonidovich</i>	-	<i>The person is a member of the collegial executive</i>	<i>December 27, 2012</i>	-	-

			<i>body of the Joint-Stock Company</i>			
15	<i>Vologin Andrey Viktorovich</i>	-	<i>The person is a member of the collegial executive body of the Joint-Stock Company</i>	<i>September 1, 2016</i>	<i>0.000173</i>	<i>0.000173</i>
16	<i>Ivanov Vsevolod Evgenyevich</i>	-	<i>The person is a member of the collegial executive body of the Joint-Stock Company</i>	<i>September 12, 2014</i>	-	-
17	<i>Irzhak Alexey Yurievich</i>	-	<i>The person is a member of the collegial executive body of the Joint-Stock Company</i>	<i>September 27, 2018</i>	-	-
1	<i>Myasnikov Vladimir Yurievich</i>	-	<i>The person is a member of the collegial executive body of the Joint-Stock Company</i>	<i>June 27, 2017</i>	-	-
1	<i>Petukhov Alexey Vasilyevich</i>	-	<i>The person is a member of the collegial executive body of the Joint-Stock Company</i>	<i>September 27, 2018</i>	-	-
20	<i>Starostin Alexey Sergeevich</i>	-	<i>The person is a member of the collegial executive body of the Joint-Stock Company</i>	<i>December 27, 2012</i>	-	-
21	<i>Filin Alexandr Valentinovich</i>	-	<i>The person is a member of the collegial executive body of the Joint-Stock Company</i>	<i>April 30, 2014</i>	-	-
22	<i>Chaus Oleg Petrovich</i>	-	<i>The person is a member of the collegial executive body of the Joint-Stock Company</i>	<i>September 27, 2018</i>	-	-
23	<i>Public Joint-Stock Company "Rosseti"</i>	<i>Russia, Moscow</i>	<i>A person has the right to dispose of more than 20 percent of the Company's voting shares.</i> <i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 1, 2008</i> <i>July 1, 2008</i>	<i>50.9047</i>	<i>50.9047</i>

24	<i>Energocentr, Open Joint-Stock Company</i>	<i>Moscow region, Noginsk, Russia</i>	<p><i>PJSC Moscow United Electric Grid Company has the right to dispose of more than 20 percent of the total number of votes attached to the voting shares or constituting the authorized capital of this legal entity</i></p> <p><i>The person is a member of the same group of persons as the Joint-Stock Company</i></p>	<p><i>March 30, 2007</i></p> <p><i>June 30, 2009</i></p>	-	-
25	<i>MOESK-Engineering, Joint-Stock Company</i>	<i>The Russian Federation, Moscow</i>	<p><i>PJSC Moscow United Electric Grid Company has the right to dispose of more than 20 percent of the total number of votes attached to the voting shares or constituting the authorized capital of this legal entity</i></p> <p><i>The person is a member of the same group of persons as the Joint-Stock Company</i></p>	<p><i>December 29, 2007</i></p> <p><i>December 29, 2007</i></p>	-	-
26	<i>Electric Grid Equipment Repairing Plant, Open Joint-Stock Company</i>	<i>The Russian Federation, Moscow</i>	<p><i>PJSC Moscow United Electric Grid Company has the right to dispose of more than 20 percent of the total number of votes attached to the voting shares or constituting the authorized capital of this legal entity</i></p>	<p><i>December 29, 2007</i></p>	-	-

			<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 29, 2007</i>		
27	<i>Interregional Distribution Grid Company of Center, Public Joint-Stock Company</i>	<i>Russia, Moscow</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
28	<i>Sanatorium Energetik, Joint-Stock Company</i>	<i>Tambov region, Novaya Lyada industrial community, Sanatornaya, 1</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
29	<i>Yaroslavl Electric Grid Company, Joint-Stock Company</i>	<i>150042, Yaroslavl, 26, Blucher street</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
30	<i>Interregional Distribution Grid Company of North-West, Public Joint-Stock Company</i>	<i>Russia, Leningrad region, Gatchina</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
31	<i>Pskovenergoagent, Open Joint-Stock Company</i>	<i>180006, Russian Federation, Pskov, 32, Staro-Textilnaya street</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
32	<i>Pskovenergosbyt, Open Joint-Stock Company</i>	<i>Pskov, 24, Zavodskaya street</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
33	<i>Lesnaya Skazka, Open Joint-Stock Company</i>	<i>The Republic of Karelia, Pryazhinsky District, vlg. Syargilahta</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
34	<i>Interregional Distributive Grid Company of Urals, Open Joint-Stock Company</i>	<i>620026, Ekaterinburg, 140, Mamina-Sibiryaka street</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
35	<i>Ekaterinburgenergosbyt, Joint-Stock Company</i>	<i>The Russian Federation 8 Ekaterinburg</i>	<i>The person is a member of the same group of persons as the Joint-</i>	<i>December 30, 2009</i>	-	-

			<i>Stock Company</i>			
36	<i>Ekaterinburg Electric Grid Company, Joint-Stock Company</i>	<i>The Russian Federation Ekaterinburg</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
37	<i>Interregional Distribution Grid Company of Siberia, Public Joint-Stock Company</i>	<i>Krasnoyarsk</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
38	<i>Tyvaenergo, Joint-Stock Company</i>	<i>The Russian Federation, the Tyva Republic, Kyzyl</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
39	<i>Sotssfera, Joint-Stock Company</i>	<i>Russia, Omsk region, Omsk district, Chernoluchye settlement</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
40	<i>Sibirelektroservis, Joint-Stock Company</i>	<i>660062, Krasnoyarsk, 7, Vilskogo street</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
41	<i>Interregional Distribution Grid Company of Center and Volga Region, Public Joint-Stock Company</i>	<i>Russia, Nizhny Novgorod</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
42	<i>Motor Transport Enterprise, Open Joint-Stock Company</i>	<i>Russian Federation, Kirov region, Orichevsky District, Orichi settlement</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
43	<i>Energetik Sanatorium-Preventorium, Open Joint-Stock Company</i>	<i>The Russian Federation, the Udmurt Republic, Izhevsk</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
44	<i>Svet, Open Joint-Stock Company</i>	<i>Russian Federation, Nizhny Novgorod region, Bor</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
45	<i>Berendeyevskoye, Open Joint-Stock Company</i>	<i>Russian Federation, Nizhny Novgorod region, Lyskovka district, Berendeyevka village</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
46	<i>Interregional Distribution Grid Company of Volga, Public Joint-Stock Company</i>	<i>The Russian Federation Saratov</i>	<i>The person is a member of the same group of</i>	<i>December 30, 2009</i>	-	-

			<i>persons as the Joint-Stock Company</i>			
47	<i>Social Sphere - M, Joint-Stock Company</i>	<i>The Russian Federation, the Republic of Mordovia, Saransk</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
48	<i>Sanatorium-Preventorium Solnechny, Joint-Stock Company</i>	<i>Russian Federation, Orenburg</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
49	<i>Chuvash Motor Transport Company, Joint-Stock Company</i>	<i>The Russian Federation, The Chuvash Republic, Novocheboksarsk</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
50	<i>Interregional Distribution Grid Company of the South, Public Joint-Stock Company</i>	<i>The Russian Federation 8 Rostov-on-Don</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
51	<i>Agricultural Enterprise Sokolovskoye, Open Joint-Stock Company</i>	<i>The Russian Federation, Novoshahtinsk</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
52	<i>Recreation Center Energetik, Joint-Stock Company</i>	<i>The Russian Federation, Krasnodar region, Tuapse district, Shepsi village</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
53	<i>Technical Customer Center, Joint-Stock Company</i>	<i>The Russian Federation, Moscow</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>September 15, 2010</i>	-	-
54	<i>VNIPIenergoprom Association, Open Joint-Stock Company</i>	<i>The Russian Federation, 105094, Moscow, Semenovskaya nab., 2/1</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
55	<i>Special Design Bureau of Heat Power Engineering Equipment VTI, Open Joint-Stock Company</i>	<i>The Russian Federation, Moscow, 4, 3rd Avtozavodsky passage, building 1</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
56	<i>Lenenergo Open Joint-Stock Company for Energy and Electrification</i>	<i>Russia, Saint Petersburg</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
57	<i>Lenenergospetsremont Joint-Stock</i>	<i>The Russian Federation, Saint</i>	<i>The person is a member</i>	<i>December 30,</i>	-	-

	<i>Company</i>	<i>Petersburg</i>	<i>of the same group of persons as the Joint-Stock Company</i>	<i>2009</i>		
58	<i>Yantarenergoservis Open Joint-Stock Company</i>	<i>The Russian Federation, Kaliningrad</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
59	<i>Yantarenergosbyt Open Joint-Stock Company</i>	<i>The Russian Federation, Kaliningrad, 10, Darvina street</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
60	<i>Kaliningrad Generation Company, Open Joint-Stock Company</i>	<i>The Russian Federation, Kaliningrad, 10a, Pravaya naberezhnaya</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
61	<i>Kabardino-Balkarian Open Joint-Stock Company for Energy and Electrification</i>	<i>The Kabardino-Balkar Republic, Nalchik</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
62	<i>Karachayev-Cherkessenergo, Open Joint-Stock Company</i>	<i>The Karachay-Cherkess Republic, Chepkessk</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
63	<i>Kalmenergosbyt, Joint-Stock Company</i>	<i>The Republic of Kalmykia, Elista</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
64	<i>Interregional Distribution Grid Company of Northern Caucasus, Public Joint-Stock Company</i>	<i>The Russian Federation, Pyatigorsk</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
65	<i>Tomsk Distribution Company, Public-Stock Company</i>	<i>Russia, Tomsk</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
66	<i>Tyumenenergo Open Joint-Stock Company for Energy and Electrification</i>	<i>Russia, Tyumen region, Khanty-Mansi Autonomous Okrug - Yugra, Surgut</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
67	<i>Tyvaenergosbyt, Open Joint-Stock Company</i>	<i>The Republic of Tyva, Kyzyl</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-

68	<i>Nedvizhimost of the United Power System Engineering Center, Open Joint-Stock Company</i>	<i>Russia, Moscow</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
69	<i>Dagenergoset, Open Joint-Stock Company</i>	<i>367020, The Republic of Dagestan, Makhachkala, 73a, Dakhadaeva street</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>January 27, 2010</i>	-	-
70	<i>Chechenenergo, Joint-Stock Company</i>	<i>The Chechen Republic, Grozny</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
71	<i>Northwest Energy Management Company, Open Joint-Stock Company</i>	<i>8 Saint Petersburg</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
72	<i>Dagestan Energy Supply Company, Public Joint-Stock Company</i>	<i>The Republic of Dagestan, Makhachkala</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
73	<i>Sevkavkazenergo Open Joint-Stock Company for Energy and Electrification</i>	<i>The Republic of North Ossetia - Alania, Vladikavkaz</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
74	<i>Nurenergo, Open Joint-Stock Company</i>	<i>The Chechen Republic, Grozny, 6, Staropromyslovskoe shosse</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
75	<i>Public Joint-Stock Company of Power Industry and Electrification of Kuban</i>	<i>The Russian Federation, Krasnodar</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
76	<i>Recreation Center Energetic, Open Joint-Stock Company</i>	<i>The Russian Federation, Gelendzhik resort town</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
77	<i>Kurortenergo, Joint-Stock Company</i>	<i>The Russian Federation, Saint Petersburg</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
78	<i>Tsarskoye Selo Energy Company, Joint-Stock Company</i>	<i>The Russian Federation, Saint Petersburg</i>	<i>The person is a member of the same group of persons as the Joint-</i>	<i>December 30, 2009</i>	-	-

			<i>Stock Company</i>			
79	<i>Energoservis Yuga, Joint-Stock Company</i>	<i>The Russian Federation Rostov-on-Don</i>	<i>The person is a member of the same group of persons as the Joint- Stock Company</i>	<i>December 30, 2010</i>	-	-
80	<i>Energy Efficient Technologies Interregional Energy Service Company, Open Joint-Stock Company</i>	<i>Russia, Nizhny Novgorod</i>	<i>The person is a member of the same group of persons as the Joint- Stock Company</i>	<i>December 31, 2010</i>	-	-
81	<i>Energoservis Kubani, Open Joint-Stock Company</i>	<i>The Russian Federation, Moscow</i>	<i>The person is a member of the same group of persons as the Joint- Stock Company</i>	<i>January 26, 2011</i>	-	-
82	<i>Yantarenergoservis, Open Joint-Stock Company</i>	<i>236010, Kaliningrad, 83, Krasnoselskaya street</i>	<i>The person is a member of the same group of persons as the Joint- Stock Company</i>	<i>January 12, 2011</i>	-	-
83	<i>Energoservis Severo-Zapada, Open Joint- Stock Company</i>	<i>188300, Leningrad Region, Gatchina, Sobornaya street, house 31</i>	<i>The person is a member of the same group of persons as the Joint- Stock Company</i>	<i>January 28, 2011</i>	-	-
84	<i>Tyumenenergo Engineering, Joint-Stock Company</i>	<i>Russia, Tyumen Region, Khanty- Mansi Autonomous Area-Yugra, Surgut</i>	<i>The person is a member of the same group of persons as the Joint- Stock Company</i>	<i>January 12, 2011</i>	-	-
85	<i>Dagestan Grid Company, Joint-Stock Company</i>	<i>The Russian Federation, the Republic of Dagestan, Makhachkala</i>	<i>The person is a member of the same group of persons as the Joint- Stock Company</i>	<i>March 23, 2011</i>	-	-
86	<i>Energoservice of Volga, Joint-Stock Company</i>	<i>The Russian Federation, Saratov</i>	<i>The person is a member of the same group of persons as the Joint- Stock Company</i>	<i>January 12, 2011</i>	-	-
87	<i>Siberia Energy Service Company, Joint- Stock Company</i>	<i>Krasnoyarsk</i>	<i>The person is a member of the same group of persons as the Joint- Stock Company</i>	<i>February 15, 2011</i>	-	-
88	<i>Joint-Stock Company Management of Fiber-Optic Communication Lines on Overhead Transmission Lines of Interregional Distribution Grid Companies</i>	<i>Russia, Moscow</i>	<i>The person is a member of the same group of persons as the Joint- Stock Company</i>	<i>April 15, 2011</i>	-	-
89	<i>Lenenergo Energy Service Company, Joint-Stock Company</i>	<i>Russia, Saint Petersburg</i>	<i>The person is a member of the same group of</i>	<i>January 10, 2012</i>	-	-

			<i>persons as the Joint-Stock Company</i>			
90	<i>Yurengoconsult, Limited Liability Company</i>	<i>Russia, Stavropol region, Pyatigorsk</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>June 13, 2012</i>	-	-
91	<i>Federal Grid Company of Unified Energy System, Public Joint-Stock Company</i>	<i>117630 Moscow, 5A, Akademika Chelomeya street</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
92	<i>Moscow Telecommunications Energy Center, Joint-Stock Company</i>	<i>Moscow</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
93	<i>Scientific and Technical Center of the Federal Grid Company of the Unified Energy System, Joint-Stock Company</i>	<i>115201, Moscow, sh. Kashirskoye, 22, bld. 3</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
94	<i>Specialized Electric Grid Service Company of the Unified National Electric Grid, Joint-Stock Company</i>	<i>Moscow region, Noginsk</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
95	<i>The Centre of Engineering and Construction Management of the Unified Energy System, Joint-Stock Company</i>	<i>8 Moscow</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
96	<i>Energostroysnabkomplekt of Unified Energy System, Joint-Stock Company</i>	<i>8 Moscow</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
97	<i>Energy Forecasting Agency, Joint-Stock Company</i>	<i>8 Moscow</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
98	<i>Chitatechenergo, Joint-Stock Company</i>	<i>Zabaykalsky Krai, Chita</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
99	<i>Mobile Gas Turbine Power Plants, Joint-Stock Company</i>	<i>Moscow</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
100	<i>Index of Energy - FGC UES, Limited</i>	<i>117630, Moscow, 5A, Akademika</i>	<i>The person is a member</i>	<i>July 10, 2012</i>	-	-

	<i>Liability Company</i>	<i>Chelomeya street</i>	<i>of the same group of persons as the Joint-Stock Company</i>			
101	<i>Tomsk Backbone Grids, Joint-Stock Company</i>	<i>The Russian Federation, Tomsk, 36, Kirov Ave.</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
102	<i>Kuban Backbone Grids, Joint-Stock Company</i>	<i>350911, Krasnodar Krai, Krasnodar, 5, Tramvaynaya street</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
103	<i>G. M. Krzhizhanovsky Power Engineering Institute, Open Joint-Stock Company</i>	<i>The Russian Federation, Moscow</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
104	<i>IT Energy Service, Limited Liability Company</i>	<i>109074, Moscow, Kitaygorodsky passage, 7, bld. 5</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
105	<i>Energotrans, Limited Liability Company</i>	<i>197730, Russia, Saint Petersburg, Beloostrov settlement, Novoe shosse, 45A</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>June 26, 2014</i>	-	-
106	<i>Donenergo, Joint-Stock Company</i>	<i>Rostov-on-Don</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>September 30, 2014</i>	-	-
107	<i>Regional Development Corporation, Open Joint-Stock Company</i>	<i>344022, Rostov-on-Don, 91, Suvorova street, floor 7, apartment 44</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>September 30, 2014</i>	-	-
108	<i>Donenergосervis, Limited Liability Company</i>	<i>346880 Rostov Region, Bataysk, 114, Rechnaya street</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>September 30, 2014</i>	-	-
109	<i>Federal Testing Center, Public Joint-Stock Company</i>	<i>Russia, Saint Petersburg</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>November 21, 2014</i>	-	-
110	<i>St. Petersburg Electric Grids, Joint-Stock</i>	<i>Russia, Saint Petersburg</i>	<i>The person is a member</i>	<i>June 30, 2015</i>	-	-

	<i>Company</i>		<i>of the same group of persons as the Joint-Stock Company</i>			
111	<i>Petrodvorets Electric Grid, Joint-Stock Company</i>	<i>The Russian Federation, Saint Petersburg</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>June 30, 2015</i>	-	-
112	<i>FSK-Asset Management, Limited Liability Company</i>	<i>Moscow</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>November 16, 2015</i>	-	-
113	<i>Katynov Dmitry Vasilievich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>January 1, 2016</i>	-	-
114	<i>Tarnorutskaya Veronika Viktorovna</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
115	<i>Churikova Tatyana Alexeevna</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 1, 2018</i>	-	-
116	<i>Smirnova Olga Veniaminovna</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>September 8, 2016</i>	-	-
117	<i>Ryabikin Vladimir Anatolievich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-
118	<i>Vasilyev Vladimir Vasilyevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>March 21, 2018</i>	-	-
119	<i>Shvab Viktor Vilenovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 12, 2011</i>	-	-
120	<i>Sharoshikhin Igor Pavlovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 17, 2011</i>	-	-

121	<i>Shemyakina Svetlana Vasilyevna</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July28.07.2016</i>	-	-
122	<i>Shvagerus Svetlana Victorovna</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>June 13, 2012</i>	-	-
123	<i>Frolkin Evgeny Nikolayevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
124	<i>Zafesov Yury Kazbekovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-
125	<i>Makovsky Igor Vladimirovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>September 19, 2018</i>	-	-
126	<i>Zhuravlev Dmitry Olegovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>October 1, 2017</i>	-	-
127	<i>Gavrilov Alexandr Ilyich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>May 23, 2016</i>	-	-
128	<i>Zaichenko Alla Vyacheslavovna</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>April 20, 2013</i>	-	-
129	<i>Sergeev Alexey Alexandrovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>May 8, 2013</i>	-	-
130	<i>Lebedev Alexandr Borisovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>March 15, 2013</i>	-	-
131	<i>Glotov Artyom Vladimirovich</i>	-	<i>The person is a member of the same group of persons as the Joint-</i>	<i>June 7, 2013</i>	-	-

			<i>Stock Company</i>			
132	<i>Murov Andrey Evgenyevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>November 11, 2013</i>	-	-
133	<i>Dudko Denis Vyacheslavovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>October 27, 2017</i>	-	-
134	<i>Bakhtin Pavel Viktorovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2017</i>	-	-
135	<i>Kosolapov Igor Alexeevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>August 15, 2014</i>	-	-
136	<i>Ebzeev Boris Borisovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>June 17, 2014</i>	-	-
137	<i>Penkov Alexandr Petrovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>June 26, 2014</i>	-	-
138	<i>Zaitsev Yury Viktorovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>August 29, 2014</i>	-	-
139	<i>Yablokov Anatoly Yurievich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 25, 2017</i>	-	-
140	<i>Reshetnikov Victor Alexandrovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>October 28, 2014</i>	-	-
141	<i>Kamolina Natalya Alexandrovna</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>October 29, 2014</i>	-	-
142	<i>Dregval Sergey Georgievich</i>	-	<i>The person is a member of the same group of</i>	<i>October 28, 2014</i>	-	-

			<i>persons as the Joint-Stock Company</i>			
143	<i>Surmenko Vladislav Leonidovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 1, 2015</i>	-	-
144	<i>Mosin Igor Alexeevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 1, 2017</i>	-	-
145	<i>Petrov Oleg Valentinovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 1, 2015</i>	-	-
146	<i>Yakimets Alexandr Kazimirovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>November 4, 2015</i>	-	-
147	<i>Mishina Irina Yurievna</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 15, 2015</i>	-	-
148	<i>Safaryanov Ramil Yagafarovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>November 3, 2015</i>	-	-
149	<i>Zorin Philip Petrovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 16, 2015</i>	-	-
150	<i>Saukh Vladimir Mikhailovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 17, 2015</i>	-	-
151	<i>Vlasyuk Eduard Nikolayevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>April 30, 2016</i>	-	-
152	<i>Rezakova Vladislava Vladimirovna</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>April 30, 2017</i>	-	-
153	<i>Domanin Alexandr Viktorovich</i>	-	<i>The person is a member</i>	<i>May 6, 2016</i>	-	-

			<i>of the same group of persons as the Joint-Stock Company</i>			
154	<i>Peshkurov Vadim Ilyich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>April 1, 2016</i>	-	-
155	<i>Sizikov Sergey Valentinovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>April 19, 2016</i>	-	-
156	<i>Ivanov Vitaly Valeryevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>May 16, 2017</i>	-	-
157	<i>Lebedev Vladimir Alexandrovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 1, 2016</i>	-	-
158	<i>Golinko Andrey Anatolievich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 12, 2016</i>	-	-
159	<i>Godyna Alexey Alexeevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>February 1, 2017</i>	-	-
160	<i>Zhukov Alexandr Sergeevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 27, 2017</i>	-	-
161	<i>Vasin Dmitry Alexeevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>March 21, 2017</i>	-	-
162	<i>Konoval Andrey Viktorovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>March 21, 2017</i>	-	-
163	<i>Mazurovskaya Larisa Vadimovna</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>May 18, 2018</i>	-	-

164	<i>Budnevsky Vadim Viktorovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>March 28, 2017</i>	-	-
165	<i>Tischenko Sergey Ivanovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>August 29, 2018</i>	-	-
166	<i>Kotenev Sergey Viktorovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July19, 2017</i>	-	-
167	<i>Bolbina Elena Valentinovna</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 6, 2017</i>	-	-
168	<i>Gaev Alexander Anatolyevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 5, 2017</i>	-	-
169	<i>Stain Alexey Viktorovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>September 16, 2017</i>	-	-
170	<i>Ryumin Andrey Valerievich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>January 12, 2018</i>	-	-
171	<i>Agapov Alexey Anatolyevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>April 7, 2018</i>	-	-
172	<i>Kharitonov Vladimir Vyacheslavovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>April 17, 2018</i>	-	-
173	<i>Shatokhin Arseny Grigorievich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>May 19, 2018</i>	-	-
174	<i>Filippenko Igor Vladimirovich</i>	-	<i>The person is a member of the same group of persons as the Joint-</i>	<i>June 28, 2018</i>	-	-

			<i>Stock Company</i>			
175	<i>Kozlov Stanislav Andreevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>May 19, 2018</i>	-	-
176	<i>Talyshev Dmitry Viktorovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>May 15, 2018</i>	-	-
177	<i>Vashkevich Vladimir Frantishkovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>September 11, 2018</i>	-	-
178	<i>Melikhov Alexander Konstantinovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>October 18, 2018</i>	-	-
179	<i>Pidnik Artem Yuryevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>October 11, 2018</i>	-	-
180	<i>Kadushkin Andrey Yuryevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>October 1, 2018</i>	-	-
181	<i>Yutkin Kirill Aleksandrovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>October 23, 2018</i>	-	-
182	<i>Martsinkovsky Gennady Olegovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>November 1, 2018</i>	-	-
183	<i>Kravchenko Evgeny Aleksandrovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>October 2, 2018</i>	-	-
184	<i>Hovalyg Vladislav Tovarishchtaiovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>November 12, 2018</i>	-	-
185	<i>Kushnir Yury Konstantinovich</i>	-	<i>The person is a member of the same group of</i>	<i>October 16, 2018</i>	-	-

			<i>persons as the Joint-Stock Company</i>			
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II. Amendments to the list of the affiliates for the period

m from

0	1
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1	0
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2	0	1	8
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 to

3	1
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1	2
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2	0	1	8
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Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
1	Change in the affiliate's interest	October 24, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
13	<i>Sinyutin Pyotr Alexeevich</i>	-	<i>The person is a member of the Board of Directors of the Joint-Stock Company</i> <i>The person is the sole executive body of the Joint-Stock Company</i>	<i>June 7, 2018</i> <i>February 5, 2016</i>	<i>0.009567</i>	<i>0.009567</i>

			<p><i>The person is a member of the same group of persons as the Joint-Stock Company</i></p> <p><i>The person is a member of the collegial executive body of the Joint-Stock Company</i></p>	<p><i>July 12, 2012</i></p> <p><i>February 5, 2016</i></p>		
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Information about the affiliate after the amendment:

1	2	3	4	5	6	7
13	<i>Sinyutin Pyotr Alexeevich</i>	-	<p><i>The person is a member of the Board of Directors of the Joint-Stock Company</i></p> <p><i>The person is the sole executive body of the Joint-Stock Company</i></p> <p><i>The person is a member of the same group of persons as the Joint-Stock Company</i></p> <p><i>The person is a member of the collegial executive body of the Joint-Stock Company</i></p>	<p><i>June 7, 2018</i></p> <p><i>February 5, 2016</i></p> <p><i>July 12, 2012</i></p> <p><i>February 5, 2016</i></p>	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
2	The person is excluded from the list of the affiliates	October 17, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
160	<i>Savchuk Sergey Yurievich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>October 11, 2016</i>	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
3	The person is excluded from the list of the affiliates	October 10, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
137	<i>Letyagin Alexandr Vyacheslavovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>April 25, 2014</i>	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
4	The person is excluded from the list of the affiliates	September 30, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
174	<i>Bykov Vladimir Vladimirovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 24, 2017</i>	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
5	The person is excluded from the list of the affiliates	October 22, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
184	<i>Redko Irina Veniaminovna</i>	-	<i>The person is a member of the same group of</i>	<i>September 19, 2018</i>	-	-

			<i>persons as the Joint-Stock Company</i>			
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Information about the affiliate after the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
6	The person is excluded from the list of the affiliates	October 31, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
125	<i>Kudinov Vyacheslav Ivanovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>July 10, 2012</i>	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
7	The person is excluded from the list of the affiliates	October 1, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
165	<i>Kadyrov Alexandr Vladimirovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>February 2, 2017</i>	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
8	The person is excluded from the list of the affiliates	November 11, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
159	<i>Ponomarenko Oleg Vladimirovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>October 11, 2016</i>	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
9	The person is excluded from the list of the affiliates	September 15, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
173	<i>Kushnir Yury Konstantinovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>September 15, 2017</i>	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
10	The person is included into the list of the affiliates	October 18, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
178	<i>Melikhov Alexander Konstantinovich</i>	-	<i>The person is a member</i>	<i>October 18, 2018</i>	-	-

			<i>of the same group of persons as the Joint-Stock Company</i>			
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Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
11	The person is included into the list of the affiliates	October 11, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
179	<i>Pidnik Artem Yuryevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	October 11, 2018	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
12	The person is included into the list of the affiliates	October 1, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
180	<i>Kadushkin Andrey Yuryevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	October 1, 2018	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
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13	The person is included into the list of the affiliates	October 23, 2018	December 31, 2018
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Information about the affiliate before the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
181	<i>Yutkin Kirill Aleksandrovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>October 23, 2018</i>	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
14	The person is included into the list of the affiliates	November 1, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
182	<i>Martsinkovsky Gennady Olegovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>November 1, 2018</i>	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
15	The person is included into the list of the affiliates	October 2, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
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183	<i>Kravchenko Evgeny Aleksandrovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>October 2, 2018</i>	-	-
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Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
16	The person is included into the list of the affiliates	November 12, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
184	<i>Hovalyg Vladislav Tovarishchtaiovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>November 12, 2018</i>	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
17	The person is included into the list of the affiliates	October 16, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
-	-	-	-	-	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
185	<i>Kushnir Yury Konstantinovich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>October 16, 2018</i>	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
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1	Change of legal entity type and address of the affiliate	October 5, 2018	December 31, 2018
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Information about the affiliate before the amendment:

1	2	3	4	5	6	7
76	<i>Recreation Center Energetic, Open Joint-Stock Company</i>	<i>353490, Krasnodar region, Gelendzhik, vlg. Divnomorskoe, 4, Pionerskaya street</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
76	<i>Recreation Center Energetic, Open Joint-Stock Company</i>	<i>The Russian Federation, Gelendzhik resort town</i>	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>December 30, 2009</i>	-	-

Ser. No.	Content of the amendment	Amendment date	Date of amendment in the list of affiliates
1	Change of the ground date	November 19, 2018	December 31, 2018

Information about the affiliate before the amendment:

1	2	3	4	5	6	7
133	<i>Murov Andrey Evgenyevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>November 11, 2013</i>	-	-

Information about the affiliate after the amendment:

1	2	3	4	5	6	7
132	<i>Murov Andrey Evgenyevich</i>	-	<i>The person is a member of the same group of persons as the Joint-Stock Company</i>	<i>November 19, 2018</i>	-	-