

CONTROVERSIAL WEAPONS (CWR)

Entity name	Entity ID	Product	ISIN
Aerojet Rocketdyne Holdings, Inc.	1008152665	CWR	US0078001056.
Anhui GreatWall Military Industry Co., Ltd.	2004133199	CWR	CNE1000036L1
Aryt Industries Ltd.	1008747546	CWR	IL0005870147
Aselsan Elektronik Sanayi ve Ticaret AS	1008758084	CWR	TRAASELS91H2
BAE Systems Plc	1008752337	CWR	GB0002634946
Bharat Dynamics Ltd.	1030884962	CWR	INE171Z01018
China Aerospace International Holdings Ltd.	1008753594	CWR	HK0031044180
China Spacesat Co., Ltd.	1021083257	CWR	CNE000000SM3
General Dynamics Corp.	1008152807	CWR	US3695501086
HANWHA AEROSPACE Co., Ltd.	1012027387	CWR	KR7012450003
Hanwha Corp.	1010360449	CWR	KR7000880005
HANWHA LIFE INSURANCE Co., Ltd.	1013342858	CWR	KR7088350004
HANWHA SOLUTIONS CORP.	1008757420	CWR	KR7009830001
ICL Group Ltd.	1008761007	CWR	IL0002810146
Indian Hotels Co. Ltd.	1008756586	CWR	INE053A01029
InnoWireless Co., Ltd.	2000870421	CWR	KR7073490005
L&T Finance Holdings Ltd.	1121783822	CWR	INE498L01015
L&T Technology Services Ltd.	2003621660	CWR	INE010V01017
L3Harris Technologies, Inc.	2007187174	CWR	US5024311095

Larsen & Toubro Infotech Ltd. (India)	1012318328	CWR	SUST8B9E353A
Larsen & Toubro Ltd.	1008753082	CWR	INE018A01030
LIG Nex1 Co., Ltd.	1034218656	CWR	KR7079550000
Mindtree Ltd.	1038778841	CWR	INE018I01017
Norinco International Cooperation Ltd.	1019065289	CWR	CNE000000VZ9
Northrop Grumman Corp.	1007975445	CWR	US6668071029
Poongsan Corp.	1066650362	CWR	KR7103140000
POONGSAN HOLDINGS Corp.	1008757911	CWR	KR7005810007
Pretis dd	1091545384	CWR	BAUNPRRK1005
SNT DYNAMICS Co., Ltd.	1013455468	CWR	KR7003570009
SNT Holdings Co., Ltd.	1013635012	CWR	KR7036530004
Tata Chemicals Ltd.	1008756718	CWR	INE092A01019
Tata Communications Ltd.	1008404446	CWR	INE151A01013
Tata Consultancy Services Ltd.	1014290015	CWR	INE467B01029
Tata Consumer Products Ltd.	1007999843	CWR	INE192A01025
Tata Elxsi Ltd.	1008761187	CWR	INE670A01012
Tata Investment Corp. Ltd.	1008757037	CWR	INE672A01018
Tata Motors Ltd.	1008752898	CWR	INE155A01022
Tata Power Co., Ltd.	1008752647	CWR	INE245A01021
Tata Steel Ltd.	1008752416	CWR	INE081A01020
Tata Teleservices (Maharashtra) Ltd.	2000542577	CWR	INE517B01013
Titan Co. Ltd.	1008586522	CWR	INE280A01028
Trent Ltd.	1028254598	CWR	INE849A01020
United Aircraft Corp. PJSC	1040734763	CWR	RU000A0JPLZ7
Voltas Ltd.	1008752276	CWR	INE226A01021
Walchandnagar Industries Ltd.	1012359903	CWR	INE711A01022

TOBACCO			
Entity name	Entity ID	Product	ISIN
22nd Century Group Inc	1032256453	Tobacco	US90137F1030
Al-Eqbal Co. for Investment Plc	1013510949	Tobacco	JO4104811016
Altria Group Inc.	1008174554	Tobacco	US02209S1033
B.A.T. Capital Corp.	1010997500	Tobacco	US05526DBE40
B.A.T. International Finance p.l.c.	1014337898	Tobacco	XS1664644983
BADECO ADRIA dd	1033339432	Tobacco	BAFDSSR00002
BAT Brasil	1016088235	Tobacco	SUST7188496F
British American Tobacco	2002535139	Tobacco	XS1441635833
British American Tobacco Bangladesh Co.	1028243975	Tobacco	BD0259BATBC9
British American Tobacco Chile Operaciones S.A.	1008753022	Tobacco	SUST022AEF61
British American Tobacco Holdings (The Netherlands) B.V.	1016020432	Tobacco	XS1043097630
British American Tobacco Kenya Ltd.	1008753511	Tobacco	KE0000000075
British American Tobacco Malaysia Bhd.	1008753076	Tobacco	MYL416200003
British American Tobacco Uganda Ltd.	1029683688	Tobacco	UG0000000022
British American Tobacco Zambia Plc	1017465576	Tobacco	ZM0000000029
British American Tobacco Zimbabwe Ltd.	1059705577	Tobacco	ZW0009011710
British American Tobacco p.l.c.	1008204860	Tobacco	GB0002875804
Bulgartabac Holding AD	1010260061	Tobacco	BG11BUSOGT14
CTO Public Co. Ltd.	1016830361	Tobacco	SUSTD3C482EA
Ceylon Tobacco Co PLC	1019232146	Tobacco	LK0042N00008
China Boton Group Co., Ltd.	1032914286	Tobacco	KYG2152H1074
China National Tobacco Corp.	2001155868	Tobacco	SUST6B51584D
Coka Duvanska Industrija AD	1065922461	Tobacco	RSDICOE58755
Duvanska Industrija a.d. Bujanovac	2001223331	Tobacco	SUST87C804DF

Eastern Co. (Egypt)	1028379686	Tobacco	EGS37091C013
Goce Delchev-Bulgartabak AD	1031155351	Tobacco	SUSTD7E34543
Godfrey Phillips India Ltd.	1008752895	Tobacco	INE260B01028
Golden Tobacco Ltd	1028222050	Tobacco	INE973A01010
Gotse Delchev Tabac AD	2001077325	Tobacco	BG11GOGOAT17
Imperial Brands Finance Netherlands BV	2007950252	Tobacco	XS2320459063
Imperial Brands Finance Plc	1028360201	Tobacco	USG4721VNU46
Imperial Brands PLC	1008275754	Tobacco	GB0004544929
JT International Financial Services BV	2004803712	Tobacco	XS1883352095
Japan Tobacco Inc.	1008756717	Tobacco	JP3726800000
Jerusalem Cigarette co. LTD.	1013335475	Tobacco	PS2003111643
KT&G Corp	1010334970	Tobacco	KR7033780008
Karelia Tobacco Co., Inc.	1028224639	Tobacco	GRS120003009
Khyber Tobacco Co Ltd	1028266779	Tobacco	PK0012401011
Lorillard, LLC	1012058501	Tobacco	SUST14FF31D0
NTC Industries Ltd	1028839306	Tobacco	INE920C01017
Ngan Son JSC	1055649874	Tobacco	VN000000NST9
Nikotiana BT Holding AD	1028829496	Tobacco	BG1100057980
Old Holdco, Inc.	1008218637	Tobacco	US018772AH66
PT Bentoel International Investama Tbk	1017812432	Tobacco	ID1000052509
PT Gudang Garam Tbk	1014266261	Tobacco	ID1000068604
PT Hanjaya Mandala Sampoerna Tbk	1008756664	Tobacco	ID1000074008
PT Indonesian Tobacco Tbk	2007191059	Tobacco	ID1000149404
PT Wismilak Inti Makmur Tbk	1116976853	Tobacco	ID1000126006
Pakistan Tobacco Co. Ltd.	1008753384	Tobacco	PK0002701016
Philip Morris (Pakistan) Ltd.	1008753279	Tobacco	PK0018201019
Philip Morris CR a.s.	1008760972	Tobacco	CS0008418869
Philip Morris International Inc.	1014447427	Tobacco	US7181721090
Philip Morris Operations AD	2001189051	Tobacco	RSDINNE78828
Pyxus International, Inc.	2008158676	Tobacco	US74737V2051

Reinet Investments S.C.A.	1016039665	Tobacco	LU0383812293
Reynolds American Inc.	1008277830	Tobacco	US761713BG06
SITAB	1028844614	Tobacco	CI0000000097
STG Global Finance BV	2008127344	Tobacco	XS2237302646
Scandinavian Tobacco Group A/S	1008752691	Tobacco	DK0060696300
Sinnar Bidi Udyog Ltd.	1030117467	Tobacco	INE896E01023
Slantse Stara Zagora Tabac AD	1018717091	Tobacco	BG11SLSTAT17
Standard Diversified, Inc.	1007913087	Tobacco	SUSTA631B254
Swedish Match AB	1008286654	Tobacco	SE0015812219
Tanzania Cigarette Co. Ltd.	1029867340	Tobacco	TZ1996100032
Tian Chang Group Holdings Ltd.	2005312403	Tobacco	KYG887331034
Turning Point Brands Inc	1017882743	Tobacco	US90041L1052
Tutunski Kombinat AD Prilep	1040382559	Tobacco	MKTKPR101017
Union Investment Corp.	1017525888	Tobacco	JO3106911014
Union Tobacco & Cigarette Industries Co	1028254911	Tobacco	JO4107411012
Universal Corp	1008069462	Tobacco	US9134561094
VPR Brands LP	1037222878	Tobacco	US91831H1068
VST Industries Ltd.	1008753578	Tobacco	INE710A01016
Vapor Group, Inc.	1262407066	Tobacco	US9221011003
Vector Group Ltd	1008134935	Tobacco	US92240M1080
West Indian Tobacco Co. Ltd.	1028291364	Tobacco	TTP985721039
AMVIG Holdings Ltd.	1017672375	Tobacco	KYG0420V1068
Anhui Genuine New Materials Co., Ltd	1381444276	Tobacco	CNE100002Z57
Bright Packaging Industry Bhd	1012359955	Tobacco	MYL993800001
Brilliant Circle Holdings International Ltd.	1061989673	Tobacco	KYG1643V1059
Cat Loi JSC	1038022659	Tobacco	VN000000CLC3
Guangdong New Grand Long Packing Co Ltd	1275824290	Tobacco	CNE100002CB5
Huabao Flavours & Fragrances Co., Ltd.	2002903683	Tobacco	CNE100003605
Huabao International Holdings Ltd.	1015531181	Tobacco	BMG4639H1227
Huaxi Holdings Co. Ltd.	2003848150	Tobacco	KYG4643G1029

Jia Yao Holdings Ltd.	1273414950	Tobacco	KYG5137W1078
Miquel y Costas & Miquel, S.A.	1008760408	Tobacco	ES0164180012
Mudanjiang Hengfeng Paper Co., Ltd.	1020587271	Tobacco	CNE0000016M3
Pazardzhik BTM AD	1028830937	Tobacco	BG11PAPABT16
RLX Technology, Inc.	2008450671	Tobacco	US74969N1037
Renheng Enterprise Holdings Ltd	1150135821	Tobacco	KYG750051198
Shaanxi Jinye Science Technology & Education Group Co., Ltd.	2000818157	Tobacco	CNE0000006R3
Shenzhen Jinjia Group Co., Ltd.	2001111473	Tobacco	CNE1000008B1
Shiner International, Inc.	1043871853	Tobacco	SUST27F4279A
Smoores International Holdings Ltd.	2007518698	Tobacco	KYG8245V1023
Tien Wah Press Holdings Bhd.	1017179877	Tobacco	MYL737400001
AMCON Distributing Co.	1008223632	Tobacco	US02341Q2057
Aroma Enterprises (India) Ltd.	1069022215	Tobacco	INE371M01012
Carreras Ltd.	1014441370	Tobacco	JMP213891048
China Tobacco International (HK) Co., Ltd.	2006729221	Tobacco	HK0000503208
Core-Mark Holding Co Inc	1019248842	Tobacco	SUST897C54B4
Globrands Group Ltd.	2006180214	Tobacco	IL0011474876

OIL SANDS

Entity name	Entity ID	Product	ISIN
Athabasca Oil Corp.	1056687559	Oil Sands	CA04682R1073
Canadian Natural Resources Ltd.	1008405938	Oil Sands	CA1363851017
Genovus Energy, Inc.	1052587405	Oil Sands	CA15135U1093
Imperial Oil Ltd.	1008158993	Oil Sands	CA4530384086
MEG Energy Corp.	1017322659	Oil Sands	CA5527041084

Obsidian Energy Ltd.	1008754536	Oil Sands	CA6744822033
Petro-Canada	1008231097	Oil Sands	CA8672241079
Suncor Energy, Inc.	1008232607	Oil Sands	CA8672241079
Tatneft PJSC	1008274960	Oil Sands	RU0009033591

ARTIC OIL

Entity name	Entity ID	Product	ISIN	Bloomberg
Vår Energi ASA	2006676187	Arctic Oil	NO0011202772	VAR NO

SHALE ENERGY

Entity name	Entity ID	Product	ISIN
APA Corp.	2008575809	Shale Energy	US03743Q1085
ARC Resources Ltd.	1010824291	Shale Energy	CA00208D4084
Advantage Energy Ltd.	1008756876	Shale Energy	CA00791P1071
Amplify Energy Corp.	2007269283	Shale Energy	US03212B1035
Antero Resources Corp.	1012422340	Shale Energy	US03674X1063

Banpu Public Co. Ltd.	1008755446	Shale Energy	TH0148A10Z06
Battalion Oil Corp.	1008916571	Shale Energy	US07134L1070
Baytex Energy Corp.	1008757426	Shale Energy	CA07317Q1054
Berry Corp.	2005613645	Shale Energy	US08579X1019
Berry Petroleum Co. LLC	1008133569	Shale Energy	US08579X1019
Birchcliff Energy Ltd.	1020398031	Shale Energy	CA0906971035
Brigham Minerals, Inc.	2006868471	Shale Energy	SUST49F594A7
CNPC Global Capital Ltd.	2007805714	Shale Energy	XS2179918037
CNX Resources Corp.	1008277363	Shale Energy	US12653C1080
Callon Petroleum Co.	1008214273	Shale Energy	US13123X5086
Canadian Natural Resources Ltd.	1008405938	Shale Energy	CA1363851017
Cardinal Energy Ltd.	1231304674	Shale Energy	CA14150G4007
Chesapeake Energy Corp.	1008202103	Shale Energy	US1651671075
Chevron Corp.	1007976752	Shale Energy	US1667641005
China National Petroleum Corp.	1012732848	Shale Energy	CND100004XT1
Chord Energy Corp.	2011389128	Shale Energy	US6742152076
Civitas Resources, Inc.	2008844672	Shale Energy	US17888H1032
Comstock Resources, Inc.	1008141183	Shale Energy	US2057683029
ConocoPhillips Co.	2004688241	Shale Energy	US20825C1045
Continental Resources, Inc.	1009413041	Shale Energy	US2120151012
Coterra Energy, Inc.	1008136427	Shale Energy	US1270971039
Crescent Energy Co.	2009459456	Shale Energy	CA22576C1014
Crescent Point Energy Corp.	1010987462	Shale Energy	CA22576C1014
Crew Energy, Inc.	1014787200	Shale Energy	CA2265331074
Delek Group Ltd.	1008697488	Shale Energy	IL0010841281
Devon Energy Corp.	1008144756	Shale Energy	US25179M1036
Diamondback Energy, Inc.	1178124006	Shale Energy	US25278X1090
Diversified Energy Co. Plc	1312715205	Shale Energy	GB00BYX7JT74
EOG Resources, Inc.	1008147906	Shale Energy	US26875P1012
EQT Corp.	1008148170	Shale Energy	US26884L1098

Earthstone Energy, Inc.	1238337102	Shale Energy	US27032D3044
Enerplus Corp.	1008752301	Shale Energy	CA2927661025
Federated Co-Operatives Ltd.	2000836218	Shale Energy	FR0010282822
Franco-Nevada Corp.	1047295464	Shale Energy	CA3518581051
Gulf Keystone Petroleum Ltd.	1019660299	Shale Energy	BMG4209G2077
Gulfport Energy Corp.	1008209722	Shale Energy	US4026353049
Hess Corp.	1008128087	Shale Energy	US42809H1077
HighPeak Energy, Inc.	2007481413	Shale Energy	US43114Q1058
Kelt Exploration Ltd.	1232430285	Shale Energy	CA4882951060
Kimbell Royalty Partners LP	2005076147	Shale Energy	US49435R1023
Laredo Petroleum, Inc.	1139955458	Shale Energy	US5168062058
Magnolia Oil & Gas Corp.	2005960342	Shale Energy	US5596631094
Marathon Oil Corp.	1008193088	Shale Energy	US5658491064
Matador Resources Co.	1019766418	Shale Energy	US5764852050
Murphy Oil Corp.	1008168306	Shale Energy	US6267171022
NACCO Industries, Inc.	1008168537	Shale Energy	US6295791031
National Fuel Gas Co.	1008169144	Shale Energy	US6361801011
Northern Oil & Gas, Inc.	1038700847	Shale Energy	US6655313079
NuVista Energy Ltd.	1014105692	Shale Energy	CA67072Q1046
Oasis Petroleum, Inc.	1045522709	Shale Energy	US6742151086
Occidental Petroleum Corp.	1008171532	Shale Energy	US6745991058
Ovintiv, Inc.	2007596032	Shale Energy	US69047Q1022
PDC Energy, Inc.	1008174350	Shale Energy	US69327R1014
PETRONAS Energy Canada Ltd.	2001270312	Shale Energy	XS2318728172
Paramount Resources Ltd.	1008753617	Shale Energy	CA6993202069
Permian Resources Corp.	1331460170	Shale Energy	US71424F1057
Peyto Exploration & Development Corp.	1008861914	Shale Energy	CA7170461064
Pioneer Natural Resources Co.	1008173470	Shale Energy	US7237871071
Pipestone Energy Corp.	2006744762	Shale Energy	CA7241121077

Range Resources Corp.	1007971276	Shale Energy	US75281A1097
Ranger Oil Corp.	1008173755	Shale Energy	US70788V1026
Riley Exploration Permian, Inc.	2008576770	Shale Energy	US76665T1025
Ring Energy, Inc.	1012298657	Shale Energy	US76680V1089
Rosneft Oil Co.	1015707059	Shale Energy	RU000A0J2Q06
SM Energy Co.	1008201778	Shale Energy	US78454L1008
SandRidge Energy, Inc.	1012246778	Shale Energy	US80007P8692
Santos Finance Ltd.	2000944038	Shale Energy	AU000000STO6
Santos Ltd.	1008201403	Shale Energy	AU000000STO6
SilverBow Resources, Inc.	1008184471	Shale Energy	US82836G1022
Sitio Royalties Corp.	2011199623	Shale Energy	SUSTB1457C1F
Southwestern Energy Co.	1008182506	Shale Energy	US8454671095
Surge Energy, Inc.	1011067082	Shale Energy	CA86880Y8779
Tamarack Valley Energy Ltd.	1011062804	Shale Energy	CA87505Y4094
Tecpetrol SA	2000740623	Shale Energy	ARTECP560057
Tellurian, Inc.	1335880257	Shale Energy	US87968A1043
Topaz Energy Corp.	2001289746	Shale Energy	CA89055A2039
Tourmaline Oil Corp.	1062716166	Shale Energy	CA89156V1067
Viper Energy Partners LP	1257732140	Shale Energy	CA89156V1067
Vista Energy SAB de CV	2005251080	Shale Energy	MX01VI0C0006
Whitecap Resources, Inc.	1087002723	Shale Energy	CA96467A2002
Whiting Petroleum Corp.	1011590238	Shale Energy	SUST461CAC62

THERMAL COAL - POWER GENERATION

Entity name	Entity ID	Product	ISIN
ACEN Corp.	1017560735	Thermal Coal Power Gen.	PHY1001H1024
ACEN Finance Ltd.	2009143190	Thermal Coal Power Gen.	XS2382032956
AES Andes SA	1008262885	Thermal Coal Power Gen.	CL0002694637
AES El Salvador Trust II	1239852122	Thermal Coal Power Gen.	SUSTD3279D49
AEV International Pte Ltd.	2004819087	Thermal Coal Power Gen.	XS2093792013
AGL Energy Ltd.	1008752982	Thermal Coal Power Gen.	AU000000AGL7
ALLETE, Inc.	1008167518	Thermal Coal Power Gen.	US0185223007
Aboitiz Equity Ventures, Inc.	1008759703	Thermal Coal Power Gen.	PHY0001Z1040
Aboitiz Power Corp.	1038733138	Thermal Coal Power Gen.	PHY0005M1090
Abu Dhabi National Energy Co. PJSC	1031318814	Thermal Coal Power Gen.	AEA002401015
Adani Electricity Mumbai Ltd.	2006659435	Thermal Coal Power Gen.	XS2109438205
Adani Power Ltd.	1045171689	Thermal Coal Power Gen.	INE814H01011
Adani Transmission Ltd.	1291208258	Thermal Coal Power Gen.	INE931S01010
Alarko Holding AS	1008753177	Thermal Coal Power Gen.	TRALARK91Q0
Albioma SA	1010691969	Thermal Coal Power Gen.	FR0000060402
Alliant Energy Corp.	1008191195	Thermal Coal Power Gen.	US0188021085
Ameren Corp.	1008251510	Thermal Coal Power Gen.	US0236081024
American Electric Power Co., Inc.	1008013716	Thermal Coal Power Gen.	US0255371017
An Hui Wenergy Co., Ltd.	2000719149	Thermal Coal Power Gen.	CNE000000DF9
Banpu Power Public Co. Ltd.	2001830046	Thermal Coal Power Gen.	TH7462010003
Basin Electric Power Cooperative	1012085555	Thermal Coal Power Gen.	USU06865AA44
Black Hills Corp.	1008134148	Thermal Coal Power Gen.	US0921131092
CESC Ltd.	1008760362	Thermal Coal Power Gen.	INE486A01021

CEZ as	1016228513	Thermal Coal Power Gen.	CZ0005112300
CGN New Energy Holdings Co., Ltd.	1011978357	Thermal Coal Power Gen.	BMG202981087
CLP Holdings Ltd.	1008292978	Thermal Coal Power Gen.	HK0002007356
CLP Power HK Finance Ltd.	2005823172	Thermal Coal Power Gen.	XS2063459189
CLP Power Hong Kong Financing Ltd.	1030694698	Thermal Coal Power Gen.	XS2193950354
CMS Energy Corp.	1008135928	Thermal Coal Power Gen.	US1258961002
Capital Power Corp.	1066914335	Thermal Coal Power Gen.	CA14042M1023
Castle Peak Power Finance Co. Ltd.	1439700879	Thermal Coal Power Gen.	XS1648263926
Central Networks East Plc	2000562372	Thermal Coal Power Gen.	SUSTD3910FFB
China Coal Xinji Energy Co., Ltd.	1034487301	Thermal Coal Power Gen.	CNE1000008D7
China Longyuan Power Group Corp. Ltd.	1089744331	Thermal Coal Power Gen.	CNE100000HD4
China Power International Development Ltd.	1016126410	Thermal Coal Power Gen.	HK2380027329
China Resources Power Holdings Co., Ltd.	1011978318	Thermal Coal Power Gen.	HK0836012952
China Shenhua Energy Co., Ltd.	1029831919	Thermal Coal Power Gen.	CNE1000002R0
China Shenhua Overseas Capital Co., Ltd.	1288744154	Thermal Coal Power Gen.	XS1165128585
Colbún SA	1008755796	Thermal Coal Power Gen.	CLP3615W1037
Contourglobal Plc	2005545025	Thermal Coal Power Gen.	GB00BF448H58
DMCI Holdings, Inc.	1008759943	Thermal Coal Power Gen.	PHY2088F1004
DTE Energy Co.	1008144844	Thermal Coal Power Gen.	US2333311072
DTEK BV	2007117320	Thermal Coal Power Gen.	SUST70D82920
DTEK Finance PLC	1239796275	Thermal Coal Power Gen.	XS2342930521
Datang International Power Generation Co., Ltd.	1008760755	Thermal Coal Power Gen.	CNE1000002Z3
Dominion Energy, Inc.	1008145351	Thermal Coal Power Gen.	US25746U1097
Duke Energy Corp.	1008146096	Thermal Coal Power Gen.	US26441C2044
EDP Energias do Brasil SA	1030277720	Thermal Coal Power Gen.	BRENBACNOR2
EDP Finance BV	1028580692	Thermal Coal Power Gen.	XS2459544339
EDP-Energias de Portugal SA	1008288731	Thermal Coal Power Gen.	PTEDP0AM0009
ENBW International Finance BV	1028384952	Thermal Coal Power Gen.	XS0438844093
ENEA SA	1021390014	Thermal Coal Power Gen.	PLENEA000013
EP Infrastructure AS /Old/	2004810452	Thermal Coal Power Gen.	SUSTC557CB6E

EP Infrastructure as	2003913789	Thermal Coal Power Gen.	XS1811024543
EWE AG	1013750187	Thermal Coal Power Gen.	DE000A3H2TW4
Electric Power Development Co., Ltd.	1012341406	Thermal Coal Power Gen.	JP3551200003
Electricity Generating Public Co., Ltd.	1008758089	Thermal Coal Power Gen.	TH0465010005
Emera, Inc.	1008755434	Thermal Coal Power Gen.	CA2908761018
EnBW Energie Baden Württemberg AG	1012609372	Thermal Coal Power Gen.	DE0005220008
Energa SA	1107273845	Thermal Coal Power Gen.	PLENERG00022
Energy Harbor Corp.	2007666831	Thermal Coal Power Gen.	US29279N1028
Eneva SA	1017153022	Thermal Coal Power Gen.	BRENEVACNOR8
Engie Energia Chile SA	1276781290	Thermal Coal Power Gen.	CL0001583070
Engro Corp. Ltd.	1008753334	Thermal Coal Power Gen.	PK0012101017
Eskom Holdings SOC Ltd.	1008753985	Thermal Coal Power Gen.	ZAG000029034
Evergy, Inc.	2005302277	Thermal Coal Power Gen.	US30034W1062
Fauji Fertilizer Co. Ltd.	1008756642	Thermal Coal Power Gen.	PK0053401011
Federal Hydro-Generating Co. RusHydro PJSC	1034279194	Thermal Coal Power Gen.	RU000A0JPKH7
Filinvest Development Corp.	1019113936	Thermal Coal Power Gen.	PHY247771496
Fortis, Inc.	1008753858	Thermal Coal Power Gen.	CA3495531079
GD Power Development Co., Ltd.	1017153470	Thermal Coal Power Gen.	CNE000000PC0
Genesis Energy Ltd.	1016001145	Thermal Coal Power Gen.	NZGNEE0001S7
Global Power Synergy PCL	1038207164	Thermal Coal Power Gen.	TH6488010005
Guacolda Energia SpA	2005958848	Thermal Coal Power Gen.	SUSTE32687A7
Guangdong Baolihua New Energy Stock Co., Ltd.	1017613225	Thermal Coal Power Gen.	CNE000000P12
Guangdong Electric Power Development Co., Ltd.	1008761302	Thermal Coal Power Gen.	CNE0000006J0
Guangdong Investment Ltd.	1008756528	Thermal Coal Power Gen.	HK0270001396
Guangxi Guiguan Electric Power Co., Ltd.	1013651674	Thermal Coal Power Gen.	CNE0000011Y9
Gujarat Mineral Development Corp. Ltd.	1012387285	Thermal Coal Power Gen.	INE131A01031
HK Electric Investments & HK Electric Investments Ltd.	1030394234	Thermal Coal Power Gen.	HK0000179108
Henan Yuneng Holding Co., Ltd.	2000817476	Thermal Coal Power Gen.	CNE000000TZ3
Hero Asia Investment Ltd.	2003344095	Thermal Coal Power Gen.	XS2224727417

Hokkaido Electric Power Co., Inc.	1008754026	Thermal Coal Power Gen.	JP3850200001
Hokuriku Electric Power Co.	1008754027	Thermal Coal Power Gen.	JP3845400005
Hongkong Electric Finance Ltd.	1034833555	Thermal Coal Power Gen.	XS1401202517
Huadian Power International Corp. Ltd.	1009993521	Thermal Coal Power Gen.	CNE1000003D8
Huaneng Power International, Inc.	1008258597	Thermal Coal Power Gen.	CNE1000006Z4
Hubei Energy Group Co., Ltd.	1040367283	Thermal Coal Power Gen.	CNE000000750
IDACORP, Inc.	1008158704	Thermal Coal Power Gen.	US4511071064
IE2 Holdco SAU	1324177319	Thermal Coal Power Gen.	SUST594A386B
Indiana Michigan Power		Thermal Coal Power Gen.	US454889AQ96
Inner Mongolia Junzheng Energy & Chemical Group Co., Ltd.	2003016027	Thermal Coal Power Gen.	CNE1000010F8
Inner Mongolia Mengdian Huaneng Thermal Power Corp. Ltd.	1017516245	Thermal Coal Power Gen.	CNE000000GN6
JSW Energy Ltd.	1037064425	Thermal Coal Power Gen.	INE121E01018
Jaiprakash Power Ventures Ltd.	1019194238	Thermal Coal Power Gen.	INE351F01018
Jiangsu Guoxin Corp. Ltd.	2003221125	Thermal Coal Power Gen.	CNE100001658
Jindal Steel & Power Ltd.	1020614325	Thermal Coal Power Gen.	INE749A01030
Jinneng Holding Shanxi Electric Power Co., Ltd.	2000795035	Thermal Coal Power Gen.	CNE000000776
Jionto Energy Investment Co., Ltd. Hebei	2000817470	Thermal Coal Power Gen.	CNE000000FT5
Korea Electric Power Corp.	1008259130	Thermal Coal Power Gen.	KR7015760002
Korea Midland Power Co., Ltd.	2000785586	Thermal Coal Power Gen.	KR6066562C85
Korea South-East Power Co., Ltd.	2000737715	Thermal Coal Power Gen.	XS2209356398
Korea Western Power Co., Ltd.	1017200000	Thermal Coal Power Gen.	XS2489897343
Kyushu Electric Power Co., Inc.	1008752670	Thermal Coal Power Gen.	JP3246400000
MGE Energy, Inc.	1008163969	Thermal Coal Power Gen.	US55277P1049
Malakoff Corp. Bhd.	1008753360	Thermal Coal Power Gen.	MYL5264OO006
Manila Electric Co.	1008752697	Thermal Coal Power Gen.	PHY5764J1483
Metro Pacific Investments Corp.	1008753145	Thermal Coal Power Gen.	PHY603051020
NGD Holdings BV	2008859915	Thermal Coal Power Gen.	XS2342932576
NLC India Ltd.	1015959706	Thermal Coal Power Gen.	INE589A01014
NTPC Ltd.	1017551379	Thermal Coal Power Gen.	INE733E01010

NiSource Finance Corp.	1010945947	Thermal Coal Power Gen.	US65473QAA13
NiSource, Inc.	1008170338	Thermal Coal Power Gen.	US65473P1057
Nishat Mills Ltd.	1008756475	Thermal Coal Power Gen.	PK0005501017
NorthWestern Corp.	1008063087	Thermal Coal Power Gen.	US6680743050
OCI Co., Ltd.	1013370455	Thermal Coal Power Gen.	KR7010060002
OGE Energy Corp.	1008171815	Thermal Coal Power Gen.	US6708371033
Odas Elektrik Uretim Sanayi Ticaret AS	2003705354	Thermal Coal Power Gen.	TREODAS00014
Origin Energy Finance Ltd.	1149376119	Thermal Coal Power Gen.	XS2051788219
Origin Energy Ltd.	1008752315	Thermal Coal Power Gen.	AU000000ORG5
Otter Tail Corp.	1008172515	Thermal Coal Power Gen.	US6896481032
PGE Polska Grupa Energetyczna SA	1009558942	Thermal Coal Power Gen.	PLPGER000010
PNM Resources, Inc.	1008176687	Thermal Coal Power Gen.	US69349H1077
PPL Corp.	1008063754	Thermal Coal Power Gen.	US69351T1060
PT Cikarang Listrindo Tbk	1043503040	Thermal Coal Power Gen.	ID1000137201
PT Paiton Energy	2000855816	Thermal Coal Power Gen.	SUST8230090B
Pinnacle West Capital Corp.	1008175203	Thermal Coal Power Gen.	US7234841010
Portland General Electric Co.	1008175772	Thermal Coal Power Gen.	US7365088472
Power Assets Holdings Ltd.	1008752257	Thermal Coal Power Gen.	HK0006000050
Public Power Corp. SA	1008752735	Thermal Coal Power Gen.	GRS434003000
RH International (Singapore) Corp. Pte Ltd.	1137294979	Thermal Coal Power Gen.	XS1791752154
RWE AG	1008286858	Thermal Coal Power Gen.	DE0007037129
Ratch Group Public Co. Ltd.	1010324225	Thermal Coal Power Gen.	TH0637010Y00
Reliance Power Ltd.	1043890102	Thermal Coal Power Gen.	INE614G01033
SDIC Power Holdings Co., Ltd.	1017614316	Thermal Coal Power Gen.	CNE000000JM2
SMC Global Power Holdings Corp.	2003012261	Thermal Coal Power Gen.	PHY806B2AV81
SPIC Industry-Finance Holdings Co., Ltd.	2000726394	Thermal Coal Power Gen.	CNE000001154
SPIC MTN Co. Ltd.	2007867790	Thermal Coal Power Gen.	XS2208275854
SUEK Securities DAC	2009031056	Thermal Coal Power Gen.	XS2384174228
Sembcorp Industries Ltd.	1008761079	Thermal Coal Power Gen.	SG1R50925390
Semirara Mining & Power Corp.	1018054038	Thermal Coal Power Gen.	PHY7628G1124

Shanghai Electric Power Co., Ltd.	1013750452	Thermal Coal Power Gen.	CNE000001G53
Shanxi Coking Coal Energy Group Co., Ltd.	1017415216	Thermal Coal Power Gen.	CNE0000013Y5
Shenzhen Energy Group Co., Ltd.	1013384696	Thermal Coal Power Gen.	CNE000000933
Shikoku Electric Power Co., Inc.	1008752712	Thermal Coal Power Gen.	JP3350800003
Siberian Coal Energy Co. JSC	1021362321	Thermal Coal Power Gen.	SUST73FAF2B9
State Power Investment Corp., Ltd.	2000734293	Thermal Coal Power Gen.	CND100007TZ9
Stronghold Digital Mining, Inc.	2008786565	Thermal Coal Power Gen.	US86337R1032
TAURON Polska Energia SA	1038443135	Thermal Coal Power Gen.	PLTAURN00011
TNB Global Ventures Capital Bhd.	1388658153	Thermal Coal Power Gen.	XS1897339096
TPI Polene Power Public Co., Ltd.	2002961056	Thermal Coal Power Gen.	TH7534010007
TPI Polene Public Co. Ltd.	1008755594	Thermal Coal Power Gen.	TH0212A10Z07
Taiwan Cement Corp.	1008755987	Thermal Coal Power Gen.	TW0001101004
Tata Power Co., Ltd.	1008752647	Thermal Coal Power Gen.	INE245A01021
Tenaga Nasional Bhd.	1008756210	Thermal Coal Power Gen.	MYL5347OO009
The AES Corp.	1007913558	Thermal Coal Power Gen.	US00130H1059
The Chugoku Electric Power Co., Inc.	1008753868	Thermal Coal Power Gen.	JP3522200009
The Hongkong Electric Co., Ltd.	2001040203	Thermal Coal Power Gen.	SUST88E2746A
The Israel Electric Corp. Ltd.	1008757494	Thermal Coal Power Gen.	IL0060001943
The Kansai Electric Power Co., Inc.	1008751948	Thermal Coal Power Gen.	JP3228600007
The Okinawa Electric Power Co., Inc.	1008761371	Thermal Coal Power Gen.	JP3194700005
The Second Generation Co of the Wholesale Power Market PJSC	1035819572	Thermal Coal Power Gen.	RU000A0JNG55
The Southern Co.	1007998869	Thermal Coal Power Gen.	US8425871071
Tohoku Electric Power Co., Inc.	1008753991	Thermal Coal Power Gen.	JP3605400005
Torrent Power Ltd.	1008910842	Thermal Coal Power Gen.	INE813H01021
TransAlta Corp.	1008756465	Thermal Coal Power Gen.	CA89346D1078
Unipro PJSC	1032415626	Thermal Coal Power Gen.	RU000A0JNGA5
Viesgo Infraestructuras Energéticas SL	1108471013	Thermal Coal Power Gen.	SUSTB6CB1D06
Vistra Corp.	1015838181	Thermal Coal Power Gen.	US92840M1027
WEC Energy Group, Inc.	1008193363	Thermal Coal Power Gen.	US92939U1060

Wintime Energy Co., Ltd.	1013319016	Thermal Coal Power Gen.	CNE00000WD4
Xcel Energy, Inc.	1008405788	Thermal Coal Power Gen.	US98389B1008
Zhejiang Zheneng Electric Power Co., Ltd.	1236702341	Thermal Coal Power Gen.	CNE100001SP3

THERMAL COAL - EXTRACTION

Entity name	Entity ID	Product	ISIN
Agritrade Resources Ltd.	1008760379	Thermal Coal Extraction	BMG0130N1130
Alliance Resource Partners LP	1008282351	Thermal Coal Extraction	US01877R1086
Alpha Metallurgical Resources, Inc.	1380582426	Thermal Coal Extraction	US0207641061
Altius Minerals Corp.	1009370719	Thermal Coal Extraction	CA0209361009
An Hui Wenergy Co., Ltd.	2000719149	Thermal Coal Extraction	CNE000000DF9
Arch Resources, Inc.	1008097058	Thermal Coal Extraction	US03940R1077
Banpu Public Co. Ltd.	1008755446	Thermal Coal Extraction	TH0148A10Z06
Bisichi Plc	1008754003	Thermal Coal Extraction	GB0001012045
CONSOL Energy, Inc.	1538013515	Thermal Coal Extraction	US20854L1089
China Coal Energy Co., Ltd.	1038324392	Thermal Coal Extraction	CNE100000528
China Coal Xinji Energy Co., Ltd.	1034487301	Thermal Coal Extraction	CNE1000008D7
China Shenhua Energy Co., Ltd.	1029831919	Thermal Coal Extraction	CNE1000002R0
China Shenhua Overseas Capital Co., Ltd.	1288744154	Thermal Coal Extraction	XS1165128585
Coal Energy SA	1145029343	Thermal Coal Extraction	LU0646112838
Coal India Ltd.	1017070522	Thermal Coal Extraction	INE522F01014
Coronado Global Resources, Inc.	2006416503	Thermal Coal Extraction	AU0000026122
DMCI Holdings, Inc.	1008759943	Thermal Coal Extraction	PHY2088F1004

Dilip Buildcon Ltd.	1139242502	Thermal Coal Extraction	INE917M01012
Eterna Capital Pte Ltd.	2005461975	Thermal Coal Extraction	XS1628012954
Exxaro Resources Ltd.	1011358213	Thermal Coal Extraction	ZAE000084992
Geo Energy Resources Ltd.	1230690989	Thermal Coal Extraction	SG2F24986083
Golden Energy & Resources Ltd.	1134767269	Thermal Coal Extraction	SG1AI1000008
Guanghui Energy Co., Ltd.	1013412461	Thermal Coal Extraction	CNE0000012G4
Guizhou Panjiang Refined Coal Co., Ltd.	1013318646	Thermal Coal Extraction	CNE0000017V2
Gujarat Mineral Development Corp. Ltd.	1012387285	Thermal Coal Extraction	INE131A01031
Hallador Energy Co.	1007907502	Thermal Coal Extraction	US40609P1057
Henan Shenhua Coal & Power Co., Ltd.	1020579690	Thermal Coal Extraction	CNE000001097
Hosken Consolidated Investments Ltd.	1008762519	Thermal Coal Extraction	ZAE000003257
Inner Mongolia Dian Tou Energy Corp. Ltd.	1041927889	Thermal Coal Extraction	CNE100000098
Inner Mongolia Yitai Coal Co., Ltd.	1008761579	Thermal Coal Extraction	CNE000000SK7
Jastrzebska Spółka Weglowa SA	1013374448	Thermal Coal Extraction	PLJSW0000015
Jizhong Energy Resources Co., Ltd.	1017140148	Thermal Coal Extraction	CNE0000010H6
Kuzbasskaya Toplivnaya Kompaniya PJSC	1035945906	Thermal Coal Extraction	RU000A0JPYD7
Lubelski Wegiel BOGDANKA SA	1013563909	Thermal Coal Extraction	PLLWBGD00016
MC Mining Ltd.	1008754281	Thermal Coal Extraction	AU000000MCM9
Mercator Ltd.	1017380152	Thermal Coal Extraction	INE934B01028
NACCO Industries, Inc.	1008168537	Thermal Coal Extraction	US6295791031
NLC India Ltd.	1015959706	Thermal Coal Extraction	INE589A01014
Natural Resource Partners LP	1009980280	Thermal Coal Extraction	US63900P6088
New Hope Corp. Ltd.	1008811037	Thermal Coal Extraction	AU000000NHC7
PT ABM Investama Tbk	1150500901	Thermal Coal Extraction	ID1000121502
PT Adaro Energy Indonesia Tbk	1054573669	Thermal Coal Extraction	ID1000111305
PT Bayan Resources Tbk	1049722958	Thermal Coal Extraction	ID1000111701
PT Bukit Asam Tbk	1015568031	Thermal Coal Extraction	ID1000094006
PT Bumi Resources Tbk	1016170980	Thermal Coal Extraction	ID1000068703
PT Golden Eagle Energy Tbk	1030140720	Thermal Coal Extraction	ID1000100704
PT Harum Energy Tbk	1067624364	Thermal Coal Extraction	ID1000116601

PT Indika Energy Tbk	1033117993	Thermal Coal Extraction	ID1000110901
PT Indo Tambangraya Megah Tbk	1040661304	Thermal Coal Extraction	ID1000108509
PT Trada Alam Minera Tbk	1054211905	Thermal Coal Extraction	ID1000111909
PT United Tractors Tbk	1008755267	Thermal Coal Extraction	ID1000058407
Park Elektrik Üretim Madencilik Sanayi ve Ticaret AS	1008761181	Thermal Coal Extraction	TRAPRKTE91B5
Peabody Energy Corp.	1007911038	Thermal Coal Extraction	US7045511000
Pingdingshan Tianan Coal Mining Co., Ltd.	1037826985	Thermal Coal Extraction	CNE000001PH7
SUEK Securities DAC	2009031056	Thermal Coal Extraction	XS2384174228
Semirara Mining & Power Corp.	1018054038	Thermal Coal Extraction	PHY7628G1124
Shaanxi Coal Industry Co., Ltd.	1040309350	Thermal Coal Extraction	CNE100001T64
Shan Xi Hua Yang Group New Energy Co. Ltd.	1017587205	Thermal Coal Extraction	CNE000001FP1
Shanxi Coking Coal Energy Group Co., Ltd.	1017415216	Thermal Coal Extraction	CNE0000013Y5
Shanxi Lu'An Environmental Energy Development Co., Ltd.	1036729280	Thermal Coal Extraction	CNE000001NT7
Siberian Coal Energy Co. JSC	1021362321	Thermal Coal Extraction	SUST73FAF2B9
SouthGobi Resources Ltd.	1042856531	Thermal Coal Extraction	CA8443751059
TerraCom Ltd.	1115016613	Thermal Coal Extraction	AU000000TER9
Thungela Resources Ltd.	2008643985	Thermal Coal Extraction	ZAE000296554
Washington H. Soul Pattinson & Co. Ltd.	1008753641	Thermal Coal Extraction	AU000000SOL3
Whitehaven Coal Ltd.	1031592123	Thermal Coal Extraction	AU000000WHC8
Wintime Energy Co., Ltd.	1013319016	Thermal Coal Extraction	CNE000000WD4
Yancoal Australia Ltd.	1042059317	Thermal Coal Extraction	AU000000YAL0
Yancoal International Resources Development Co., Ltd.	2003444515	Thermal Coal Extraction	XS2128388456
Yankuang Energy Group Co., Ltd.	1008265663	Thermal Coal Extraction	CNE1000004Q8

THERMAL COAL - SUPPORT

Entity name	Entity ID	Product	ISIN
AECI Ltd.	1008752375	Thermal Coal Support	ZAE000000220
Agritrade Resources Ltd.	1008760379	Thermal Coal Support	BMG0130N1130
Aurizon Finance Pty Ltd.	2003728364	Thermal Coal Support	AU3CB0278380
Aurizon Holdings Ltd.	1122005970	Thermal Coal Support	AU000000AZJ1
Aurizon Network Pty Ltd.	1116835620	Thermal Coal Support	XS1418788599
CIMIC Group Ltd.	1008755149	Thermal Coal Support	SUST884858B4
CONSOL Energy, Inc.	1538013515	Thermal Coal Support	US20854L1089
China Coal Xinji Energy Co., Ltd.	1034487301	Thermal Coal Support	CNE1000008D7
Dalrymple Bay Infrastructure Ltd.	2008396370	Thermal Coal Support	AU0000120628
Daqin Railway Co., Ltd.	1035887700	Thermal Coal Support	CNE000001NG4
Dilip Buildcon Ltd.	1139242502	Thermal Coal Support	INE917M01012
Eagle Bulk Shipping, Inc.	1029812995	Thermal Coal Support	MHY2187A1507
Gayatri Projects Ltd.	1033751806	Thermal Coal Support	INE336H01023
Genco Shipping & Trading Ltd.	1030165449	Thermal Coal Support	MHY2685T1313
Glencore Capital Finance DAC	2008040022	Thermal Coal Support	XS2228892860
Glencore Finance (Europe) Ltd.	1034831247	Thermal Coal Support	XS1489184900
Glencore Plc	1008582920	Thermal Coal Support	JE00B4T3BW64
Globaltrans Investment Plc	1050916005	Thermal Coal Support	US37949E2046
Kansas City Southern	1007908718	Thermal Coal Support	US4851703029
Kuzbasskaya Toplivnaya Kompaniya PJSC	1035945906	Thermal Coal Support	RU000A0JPYD7
Liaoning Port Co., Ltd.	1032246702	Thermal Coal Support	CNE1000002Y6
NRW Holdings Ltd.	1044065006	Thermal Coal Support	AU000000NWH5
New Hope Corp. Ltd.	1008811037	Thermal Coal Support	AU000000NHC7
Orica Ltd.	1008752436	Thermal Coal Support	AU000000ORI1

PKP Cargo SA	1014340053	Thermal Coal Support	PLPKPCR00011
PT Delta Dunia Makmur Tbk	1028220412	Thermal Coal Support	ID1000110505
PT Transcoal Pacific	2003328631	Thermal Coal Support	ID1000144009
PT United Tractors Tbk	1008755267	Thermal Coal Support	ID1000058407
Pacific National Finance Pty Ltd.	2002868921	Thermal Coal Support	XS1794216660
Pacific National Holdings Pty Ltd.	1041863198	Thermal Coal Support	SUST7DF662E4
Qinhuangdao Port Co., Ltd.	1043499374	Thermal Coal Support	CNE100001QR3
SUEK Securities DAC	2009031056	Thermal Coal Support	XS2384174228
Safe Bulkers, Inc.	1052806631	Thermal Coal Support	MHY7388L1039
Shaanxi Coal Industry Co., Ltd.	1040309350	Thermal Coal Support	CNE100001T64
Siberian Coal Energy Co. JSC	1021362321	Thermal Coal Support	SUST73FAF2B9
Taiwan Navigation Co., Ltd.	1017655380	Thermal Coal Support	TW0002617008
Tangshan Port Group Co., Ltd.	2002731811	Thermal Coal Support	CNE100000R26
Thungela Resources Ltd.	2008643985	Thermal Coal Support	ZAE000296554
U-Ming Marine Transport Corp.	1010367209	Thermal Coal Support	TW0002606001
Westshore Terminals Investment Corp.	1008759580	Thermal Coal Support	CA96145A2002
Zhengzhou Coal Mining Machinery Group Co., Ltd.	1089726986	Thermal Coal Support	CNE100001LY0

OVERIG

Entity name	Entity ID	Product	ISIN
AkzoNobel N.V.		Compliance	NL0000009132
Nouryon		Compliance	n/a
Central African Republic	2001257727	UN Sanctions	n/a

Democratic People's Republic of Korea	2000798882	UN Sanctions	n/a
Iran (Islamic Republic of)	2000497806	UN Sanctions	n/a
Libya	2000893301	UN Sanctions	n/a
Somalia	2001251326	UN Sanctions	n/a
Russian Federation	2000497595	EU Sanctions	n/a
Belarus	2000815464	EU Sanctions	n/a
Aeroflot-Russian Airlines PJSC	1010825624	Russian GOV as UP	RU0009062285
Mosenergo OAO	1011086788	Russian GOV as UP	RU0008958863
NIS AD	1013348654	Russian GOV as UP	RSNISHE79420
Gazprom PJSC	1013706512	Russian GOV as UP	RU0007661625
Russian Railways OJSC	1016562080	Russian GOV as UP	RU000A100HY9
Sberbank Russia PJSC	1016671781	Russian GOV as UP	RU0009029540
VTB Bank PJSC	1016964441	Russian GOV as UP	RU000A0JP5V6
Bank for Development & Foreign Economic Affairs	1017162638	Russian GOV as UP	RU000A0JT403
Russian Agricultural Bank OJSC	1017207548	Russian GOV as UP	SUSTB3F28D4B
Transneft PJSC	1018515504	Russian GOV as UP	RU0009091573
Sovcomflot OJSC	1021360881	Russian GOV as UP	RU000A0JXNU8
Gaz Capital SA	1013706512	Russian GOV as UP	RU0007661625
VTB Capital SA	1016964441	Russian GOV as UP	RU000A0JP5V6
Federal Grid Co of Unified Energy System PJSC	1029780934	Russian GOV as UP	RU000A0JPNN9
Territorial Generating Co No 1 PJSC	1029927777	Russian GOV as UP	RU000A0JNUD0
VSMPO-AVISMA Corp. PJSC	1030117122	Russian GOV as UP	RU0009100291
Novorossiysk Commercial Sea Port PJSC	1030649430	Russian GOV as UP	RU0009084446
Rosneftegaz JSC	1030784031	Russian GOV as UP	SUSTB0F72071
Kovrov Mechanical Plant PJSC	1033141848	Russian GOV as UP	RU0006753613
Federal Hydro-Generating Co. RusHydro PJSC	1034279194	Russian GOV as UP	RU000A0JPKH7
SB Capital S.A.	1016671781	Russian GOV as UP	RU0009029540
RSHB Capital S.A.	1040310063	Russian GOV as UP	XS0979891925
Rostec Corporation	1053480534	Russian GOV as UP	SUST0BD538C7

ROSSETI PJSC	1059256117	Russian GOV as UP	RU000A0JPVJ0
Gosudarstvennaya Transportnaya Lizingovaya Kompaniya OJSC	1069651233	Russian GOV as UP	SUST78623A58
RZD Capital Plc	1016562080	Russian GOV as UP	RU000A100HY9
VEB Finance Plc	1116597408	Russian GOV as UP	XS0993162683
SCF Capital Ltd.	1021360881	Russian GOV as UP	RU000A0JXNU8
VTB Eurasia DAC	1016964441	Russian GOV as UP	RU000A0JP5V6
GPN Capital SA	1013706512	Russian GOV as UP	RU0007661625
RZD International LLC	1250170603	Russian GOV as UP	SUST1E56EC08
Government of Russia	2000497595	Russian GOV as UP	RU000A0JXU22
Rosseti Lenenergo PJSC	2000500621	Russian GOV as UP	RU0009034490
Gazprom Neft PJSC	2000919104	Russian GOV as UP	RU0009062467
Russia Ministry of Finance	2001138500	Russian GOV as UP	RU000A102P00
Rosseti Centre & Volga Region PJSC	2001174368	Russian GOV as UP	RU000A0JPN96
Rosseti Volga PJSC	2001184209	Russian GOV as UP	RU000A0JPPN4
Rosseti Center PJSC	2001191302	Russian GOV as UP	RU000A0JPPL8
Interregional Distribution Grid Co. of Urals	2001191980	Russian GOV as UP	RU000A0JPPT1
Sberbank Capital LLC	2001595673	Russian GOV as UP	SUST9972C872
Gazprom Capital LLC	1013706512	Russian GOV as UP	RU0007661625
GTLK Europe Ltd.	2004598176	Russian GOV as UP	XS1577961516
GTLK Europe Capital DAC	1069651233	Russian GOV as UP	SUST78623A58
Gaz Finance Plc	1013706512	Russian GOV as UP	RU0007661625