

Company
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22nd Century Group Inc
Aboitiz Equity Ventures Inc
Aboitiz Equity Ventures Inc
Aboitiz Power Corp
Aboitiz Power Corp
AC Energy Corp
ACWA Power Barka SAOG
Adani Enterprises Ltd
Adani Ports and Special Economic Zone Ltd
Adani Power Limited
Adani Transmission Ltd
Adaro Energy Tbk PT
Advantage Oil & Gas Ltd
Aeroflot PJSC
Aerojet Rocketdyne Holdings Inc
AES Andes SA
AES Andres B.V.
AES Andres B.V.
AES Corp
AES El Salvador Trust II
AES Gener SA
AES Indiana
African Energy Resources Ltd
African Rainbow Minerals Ltd
AGC Inc
AGC Inc
AGL Energy Limited
AGL Energy Ltd
AGL Energy Ltd
Agritrade Resources Limited
Agritrade Resources Ltd
Agritrade Resources Ltd
Air Products And Chemicals Inc
Air Products And Chemicals Inc
Airbus Finance BV
Airbus SE
Aker BP ASA
Al-Eqbal Investment Co PLC
Alabama Power Capital Trust II
Alabama Power Co
Albioma
Allegiance Coal Ltd
ALLETE Inc
Alliance Holdings GP LP
Alliance Resource Operating Partners LP
Alliance Resource Partners LP
Alliance Resource Partners LP
Alliant Energy Corp
Alliant Energy Corp
Alrosa PJSC
Altria Group Inc

Altura Mining Ltd  
Aluminum Corporation of China Ltd (CHALCO)  
Aluminum Corporation of China Ltd (CHALCO)  
Aluminum Corporation of China Ltd (CHALCO)  
Aluminum Corporation of China Ltd (CHALCO)  
Ameren Corp  
Ameren Corp  
American Electric Power Co Inc  
American Electric Power Co Inc (AEP)  
An Hui Wenergy Company Limited  
Anadarko Petroleum Corp  
Anglo American PLC  
Anhui Great Wall Military Industry Co Ltd  
Anhui Hengyuan Coal-Electricity Group Co., Ltd.  
Anshan Heavy Duty Mining Machinery Co Ltd  
Antero Resources Corp  
Anyuan Coal Industry Group Co  
Apache Corp  
Appalachian Power Co  
ARC Resources Ltd  
ArcelorMittal SA  
Arch Coal Inc  
Arch Resources, Inc.  
Ares Asia Ltd  
Arindo Holdings Mauritius Ltd  
Ashtrom Group Ltd  
Asia Green Energy PLC  
Asia Green Energy PLC  
Aspire Mining Ltd  
Aston Resources Ltd  
Athabasca Oil Corporation  
Aurizon Holdings Ltd  
Aurizon Holdings Ltd  
Aus Tin Mining Ltd  
AustChina Holdings Ltd  
Australian Pacific Coal Ltd  
Avantha Power & Infrastructure Ltd  
Ayala Corp  
Ayala Corp  
Babcock International Group PLC  
Badeco Adria JSC Sarajevo  
BAE Systems Plc  
Baganuur JSC  
Bajaj Hindusthan Sugar Ltd  
Bank St Petersburg PJSC  
Banpu PCL  
Banpu Power Public Co Ltd  
Banpu Power Public Co Ltd  
Banpu Power Public Company Limited  
Banpu Public Co Ltd  
Banpu Public Co Ltd  
Banpu Public Co Ltd

Baotailong New Materials CO LTD  
Barrick Gold Corp  
BASF SE  
Bashneft PJSC  
Bathurst Resources Ltd  
Bechtel  
Beijing Haohua Energy Resource Co., Ltd.  
Beijing Jingneng Power Co., Ltd.  
Beijing Jingneng Thermal Power Co Ltd  
Beijing Tong Ren Tang Chinese Medicine Co Ltd  
Bentoel Internasional Investama Tbk PT  
Bharat Dynamics Ltd  
Bharat Heavy Electricals Ltd  
BHP Billiton Group  
BHP Group Ltd  
BHP Group Ltd  
BHP Group Ltd  
BHP Group Ltd  
BHP Group Ltd  
BHP Group plc  
BHP Group plc  
BHP Group plc  
Birchcliff Energy Ltd  
Bisichi PLC  
Black Hills Corp  
Blackgold Natural Resources Ltd  
Boeing Co/The  
Bowen Coking Coal Ltd  
BR Coal Pty Ltd  
British American Tobacco Bangladesh Co Ltd  
British American Tobacco Kenya PLC  
British American Tobacco Malaysia Bhd  
British American Tobacco Plc  
British American Tobacco Uganda Ltd  
British American Tobacco Zambia Plc  
British American Tobacco Zimbabwe Holdings Ltd  
Bulgartabac Holding AD  
Bumi Resources Tbk PT  
BWX Technologies Inc  
Cabot Oil & Gas Corp  
California Resources Corp  
Can Komur ve Insaat AS  
Canadian Natural Resources Limited  
Cao Son Coal JSC -TKV  
Capital Power Corp  
Carrizo Oil & Gas Inc  
CCS Supply Chain Management Co Ltd  
Cenovus Energy Inc  
Centennial Coal Co Pty Ltd  
CenterPoint Energy Inc  
CenterPoint Energy Inc  
Centrais Eletricas Brasileiras SA (Eletrobras)

Central Hudson Gas & Electric Corp  
Centum Investment Co Plc  
CESC Ltd  
Ceylon Tobacco Co PLC  
CEZ AS  
CEZ AS  
CEZ AS  
Chandra Prabhu International Ltd  
Chelpipe Finance Designated Activity Co.  
Chelpipe Finance Designated Activity Co.  
Cherkizovo Group PJSC  
Chesapeake Energy Corp  
Chevron Corp  
China Boton Group Co Ltd  
China CAMC Engineering Co Ltd  
China Coal Energy Co Ltd  
China Coal Energy Co Ltd  
China Coal Energy Company Limited  
China Coal Xinji Energy Co.,Ltd  
China Energy Engineering Co Ltd (Energy China)  
China Gezhouba Group Co Ltd (CGGC)  
China Hongqiao Group Ltd  
China Hongqiao Group Ltd  
China Leon Inspection Holding Ltd  
China Machinery Engineering Corp (CMEC)  
China Natural Resources Inc  
China North Industries Group Co Ltd (NORINCO)  
China Oceanwide Holdings Ltd  
China Power International Development Ltd  
China Qinfa Group Ltd  
China Resources Power Holdings Co Ltd  
China Resources Power Holdings Co Ltd  
China Shenhua Energy Co Ltd  
China Shenhua Energy Co Ltd  
China Shenhua Energy Co Ltd (CSEC/China Shenhua)  
China Shipbuilding Industry Co Ltd  
China Shipbuilding Industry Co Ltd  
China Traditional Chinese Medicine Holdings Co Ltd  
China XLX Fertiliser Ltd  
Chubu Electric Power Co Inc  
Chugoku Electric Power Co Inc  
Chugoku Electric Power Co Inc/The  
Cimarex Energy Co  
CITIC Ltd  
CITIC Ltd  
CITIC Resources Holdings Ltd  
CITIC Resources Holdings Ltd  
Cleco Corporate Holdings LLC  
CLP Holdings Limited  
CLP Holdings Ltd  
CMS Energy Corp  
CMS Energy Corp

CNIM Groupe SA  
CNOOC Ltd  
CNX Resources Corp  
Coal & Allied Industries Ltd  
Coal Asia Holdings Inc  
Coal Energy SA  
Coal Import Export JSC  
Coal India Ltd  
Coalspur Mines Pty Ltd  
Coka Duvanska Industrija AD Coka  
Concho Resources Inc  
ConocoPhillips  
Consol Coal Resources LP  
CONSOL Energy Inc  
CONSOL Energy Inc.  
Consumers Energy Co  
Consumers Energy Co Finance II  
Continental Resources Inc  
Contura Energy Inc  
Coronado Global Resources Inc  
County International Ltd  
Credit Bank of Moscow PJSC  
Crescent Point Energy Corp  
Dalian Thermal Power Co Ltd  
Danya Cebus Ltd  
Daqin Railway Co Ltd  
Datang Environment Industry Group Co Ltd  
DaTang HuaYin Electric Power Co., LTD  
Datang International Power Generation Co Ltd  
Datang International Power Generation Co Ltd  
Datang International Power Generation Co., Ltd.  
Dayton Power & Light Co  
Delta Dunia Makmur Tbk PT  
Denbury Resources Inc  
Deo Nai Coal JSC  
Detsky Mir PJSC  
Development Bank of The Republic of Belarus  
Development Bank of The Republic of Belarus  
Devon Energy Corp  
Diamondback Energy Inc  
DMCI Holdings Inc  
DMCI Holdings Inc  
DNO ASA  
Dominion Energy Inc  
Dominion Energy Inc  
Dominion Energy South Carolina Inc  
Donbasenergo PJSC  
Dongfang Electric Co Ltd (DEC-Ltd)  
Dongguang Chemical Ltd  
Doosan Heavy Industries & Construction Co Ltd  
DPL Capital Trust II  
DPL Inc.

DTE Electric Co  
DTE Energy Co  
DTE Energy Co  
DTEK Dniproenergo JSC  
DTEK Dobropolyeugol LLC  
DTEK Mine Komsomolets Donbassa PJSC  
DTEK Pavlogradugol PJSC  
DTEK Westenergy JSC  
DTEK Westenergy JSC  
Ducommun Inc  
Duke Capital Finance Trust I  
Duke Capital Finance Trust II  
Duke Energy Corp  
Duke Energy Corp  
Duke Energy Indiana Inc  
Duke Energy Ohio Inc  
Duke Energy Progress LLC  
Duvanska Industrija AD Bujanovac  
E-Commodities Holdings Ltd  
East Energy Resources Ltd  
Eastern Co SAE  
Ecopetrol SA  
Edenville Energy Plc  
Edison SpA  
EDP Espana SAU  
Elbit Systems Ltd  
Elco Ltd  
Electra Ltd  
Electric Power Development Co Ltd  
Electricite de France SA (EDF Group)  
Electricite de France SA (EDF Group)  
Electricity Generating Authority of Thailand (EGAT)  
Electricity Generating PCL  
Electricity Generating Public Co Ltd (EGCO Group)  
Electricity Generating Public Co Ltd (EGCO Group)  
Electricity Generating Public Co Ltd (EGCO Group)  
Elektrocieplownia Bedzin SA  
Elektroprivreda Crne Gore AD Niksic  
Elektroprivreda Republike Srpske (ERS)  
Elion Clean Energy Co Ltd  
ElSewedy Electric Co  
Emera Inc  
Empresa Electrica Guacolda SA  
En+ Group plc  
EnBW Energie Baden-Württemberg AG  
Encana Corporation  
Enea S.A.  
Enea SA  
ENEL RUSSIA PJSC  
Enel SpA  
Enel SpA  
Energia SA

Energen Corp  
Energiedienst Holding AG  
Energy Harbor Corp  
Eneva SA  
Enx Infrastructure Investment Corp  
Engie Energia Chile SA  
ENGIE SA  
Engro Energy Ltd  
ENI  
EOG Resources  
EP Energy Corp  
EQT Corp  
Equinor ASA  
Eskom Holdings SOC Ltd  
Eskom Holdings SOC Ltd.  
Essar Energy Ltd  
Essar Ports Ltd  
Essar Ports Ltd  
Evergreen Marine Corp Taiwan Ltd  
Evergy Inc  
Evergy Inc  
Evergy Kansas Central Inc  
Evergy Missouri West Inc  
Evraz Group SA  
Extraction Oil & Gas Inc  
Exxaro Resources Ltd  
ExxonMobil  
Famur SA  
Feishang Anthracite Resources Ltd  
Filinvest Development Corp  
First Pacific Co Ltd  
First Pacific Co Ltd  
First Quantum Minerals Ltd  
First Quantum Minerals Ltd  
FirstEnergy Corp  
FirstEnergy Corp  
Fluor Corp  
Fluor Corp  
Foresight Energy LP  
Formosa Chemicals & Fibre Corp  
Formosa Taffeta Co Ltd  
Fortis Inc  
Fortum Oyj  
Fortum Oyj  
Freeport-McMoRan Inc  
Fujian Funeng Co., Ltd.  
G Shank Enterprise Co Ltd  
Galp Energia SGPS  
Gansu Jingyuan Coal Industry and Electricity Power Co Ltd  
Gayatri Projects Ltd  
Gaz Capital SA  
Gaz Finance Plc

Gazprom Neft PJSC  
Gazprom Neft PJSC  
Gazprom PJSC  
Gazprom PJSC  
GCM Resources plc  
GD Power Development Co.,Ltd  
General Dynamics Corp  
Genting Berhad  
Genting Berhad  
Genting Bhd  
Geo Energy Resources Ltd  
Georgia Power Capital Trust II  
Georgia Power Capital Trust V  
Georgia Power Capital Trust VII  
Glencore PLC  
Glencore PLC  
Glencore Queensland Ltd  
Global Ports Finance Plc  
Global Ports Investments PLC  
Glow Energy Public Co Ltd  
GMR Infrastructure Ltd  
Godfrey Phillips India Ltd  
Golden Energy and Resources Ltd  
Golden Tobacco Ltd  
Gotse Delchev Tabac AD-Gotse Delchev  
GPN Capital SA  
Grand Ocean Advanced Resources Co Ltd  
Grand Pharmaceutical Group Ltd  
Great River Energy  
Green Leader Holdings Group Ltd  
Grindrod Ltd  
Grindrod Ltd  
Grupa Azoty SA  
GTH Finance BV  
GTLK Europe Capital DAC  
Guacolda Energia SpA  
Guacolda Energia SpA  
Guangdong Baolihua New Energy Stock Co., Ltd.  
Guangdong Electric Power Development Co Ltd  
Guangdong Electric Power Development Co., Ltd.  
Guangdong Investment Ltd  
Guangdong Investment Ltd  
Guanghui Energy Co Ltd  
Guangxi Guidong Electric Power Co Ltd  
Guangxi Guiguan Electric Power  
Guangzhou Development Group Co Ltd (GDG)  
Guangzhou Hengyun Enterprises Holding Ltd  
Gudang Garam tbk pt  
Guizhou Panjiang Refined Coal Co.,Ltd.  
Gujarat Industries Power Co Ltd  
Gujarat Mineral Development Corp Ltd  
Gulf Power Capital Trust I



Gulf Power Capital Trust III  
Gulf Power Co  
Gulfport Energy Corp  
Guodian Changyuan Electric Power Co Ltd  
GVK Power & Infrastructure Ltd  
Ha Lam Coal JSC  
Ha Tu Coal JSC  
Haci Omer Sabanci Holding AS  
Hainan Haide Capital Management Co Ltd  
Halcyon Agri Corp Ltd  
Hallador Energy Company  
Hanjaya Mandala Sampoerna Tbk PT  
Hansen Sicherheitstechnik AG  
Harbin Electric Co Ltd  
Harbin Electric Corp Jiamusi Electric Machine Co Ltd  
Harbin Hatou Investment Co.,Ltd  
Harum Energy Tbk PT  
Harvest Operations Corp.  
HeadHunter Group PLC  
Hemang Resources Ltd  
Henan Dayou Energy Co., Ltd  
Henan Shenhua Coal & Power Co  
Henan Yuneng Holdings Co Ltd  
Hess Corp  
Hindalco Industries Ltd  
Hindalco Industries Ltd  
HK Electric Investments  
HK Electric Investments & HK Electric Investments Ltd  
HMS Bergbau AG  
Hokkaido Electric Power Co Inc  
Hokuriku Electric Power Co  
Holding Company METALLOINVEST OJSC  
Honeys Holdings Co Ltd  
Honeywell International Inc  
Hornonitrianske bane Prievizda (HBP) AS  
Huabao International Holdings Ltd  
Huadian Energy Co Ltd  
Huadian Energy Co Ltd  
Huadian Fuxin Energy Co Ltd  
Huadian Power International Co Ltd  
Huadian Power International Co Ltd  
Huadian Power International Corp Ltd  
Huaibei Mining Holdings Co Ltd  
Huaihe Energy (Group) Co.,Ltd  
Huaneng Power International Inc  
Huaneng Power International INC  
Huaneng Power International INC  
Huaneng Power International INC  
Huaxin Energy Aust Pty Ltd  
Hub Power Co Ltd  
Hub Power Co Ltd  
Hub Power Co Ltd

Hubei Energy Group Co., Ltd.  
Hubei Yihua Chemical Industry Co Ltd  
Hunnu Coal Pty Ltd  
Huntington Ingalls Industries Inc  
Huolinhe Coal Group Co Ltd  
Husky Energy Inc.  
Hwange Colliery Co Ltd  
Ichor Coal NV  
IDACORP Inc  
Idemitsu Kosan Co Ltd  
Idemitsu Kosan Co Ltd  
IDGC of Centre and Volga Regio  
IJM Corp Bhd  
Ikwezi Mining Ltd  
IMH Capital DAC  
Imperial Brands Plc  
Imperial Brands PLC  
Imperial Oil Limited  
India Power Corp Ltd  
Indian Railway Finance Corp  
Indianapolis Power & Light Company  
Indika Energy Capital III Pte Ltd.  
Indika Energy Capital IV Pte Ltd.  
Indonesian Tobacco Tbk PT  
Inner Mongolia Junzheng Energy & Chemical Group Co Ltd  
Inner Mongolia Mengdian Huaneng Thermal Power Corporation Limited  
Inner Mongolia PingZhuang Energy Resources Co.,Ltd  
Inner Mongolia Yitai Coal Co Ltd  
Inner Mongolia Yitai Coal Co.,Ltd.  
Inpex Corp  
Inter RAO UES PJSC  
Interstate Power and Light Co  
Intra Energy Corp Ltd  
Ipalco Enterprises Inc.  
Italian-Thai Development Public Co Ltd  
Italian-Thai Development Public Co Ltd  
ITC Holdings Corp  
ITC Ltd  
Itochu Corp  
ITOCHU Corp  
J-POWER (Electric Power Development Co Ltd)  
Jacobs Engineering Group Inc  
Jaiprakash Power Ventures Limited  
Japan Petroleum Exploration Co., Ltd.  
Japan Tobacco Inc  
Jardine Cycle & Carriage Ltd  
Jardine Cycle & Carriage Ltd  
Jastrzebska Spolka Weglowa SA  
JBS SA  
Jerusalem Cigarette co LTD  
JG Summit Holdings Inc  
JG Summit Holdings Inc

Jiangsu Guoxin Corp. Ltd.  
Jiangxi Ganneng Co Ltd  
Jilin Electric Power Co.,Ltd.  
Jindal Steel & Power Ltd  
Jinneng Holding Shanxi Coal Industry Co.,Ltd.  
Jinneng Holding Shanxi Electric Power Co  
Jizhong Energy Resources Co., Ltd.  
Jointo Energy Investment Co., Ltd. Hebei  
JP Elektroprivreda HZ HB d.d. Mostar  
JSC DTEK Donetsk Grids  
JSC Eastern Energy Co  
JSC Inter RAO UES - Electric Power Plants  
JSC Kuzbassenergo  
JSC SIBECO  
JSC SUEK-Krasnoyarsk  
JSC SUEK-Kuzbass  
JSC Territorial Generating Co - 11  
JSC Uralugol  
JSC Vorkutaugol  
JSW Energy Limited  
JXTG Holdings Inc  
Kabra Commercial Ltd  
Kailuan Energy Chemical Co Ltd  
Kaisun Holdings Ltd  
Kangaroo Resources Pty Ltd  
Kansai Electric Power Co Inc  
Kansai Electric Power Co Inc  
Karelia Tobacco Co Inc SA  
Karlou BV  
Kentucky Utilities Co  
Khyber Tobacco Co Ltd  
Kibo Energy plc  
Kinetic Mines & Energy Ltd  
Kobe Steel Ltd  
Korea East-West Power Company Limited  
Korea Electric Power Corp  
Korea Electric Power Corp (KEPCO)  
Korea Line Corp  
Korea National Oil Corp.  
Korea South-East Power  
Korea Southern Power Co. Ltd  
Korea Western Power Co Ltd  
KT&G Corp  
Kuzbass Power Sales Co PAO  
Kuzbass Power Sales Co PAO  
Kyungdong Invest Co., Ltd  
Kyushu Electric Power Co Inc  
Kyushu Electric Power Co Inc  
L&T Finance Holdings Ltd  
L3 Harris Technologies  
Lanna Resources Public Co Ltd  
Lanna Resources Public Co Ltd

Larsen & Toubro Ltd  
Larsen & Toubro Ltd  
Leidos Holdings Inc  
Leonardo SpA  
LG International Corp  
Li Ning Co Ltd  
LIG Nex1 Co Ltd  
Linzhou Heavy Machinery Group Co Ltd  
Lockheed Martin Corp  
Louisville Gas & Electric Co  
LSR Group PJSC  
LSR Group PJSC  
LT Group Inc  
Lubelski Wegiel Bogdanka SA  
Lucky Cement Ltd  
Lucky Cement Ltd  
Lucky Cement Ltd  
Luenmei Quantum Co Ltd  
Lukoil Capital DAC  
Lukoil Capital DAC  
LUKOIL International Finance BV  
LUKOIL PJSC  
LUKOIL Securities BV  
LUKOIL Securities BV  
Lundin Petroleum AB  
Luthai Textile Co Ltd  
M.Video PJSC  
Magnit PJSC  
Magnitogorsk Iron & Steel Work  
Maheshwari Logistics Ltd  
Maikuben West Holding JSC  
Malabar Resources Ltd  
Malakoff Corp Bhd  
Manhattan Resources Ltd  
Manila Electric Co (MERALCO)  
Manila Electric Co (MERALCO)  
Marathon Oil Corp  
Marubeni Corp  
Marubeni Corp  
Mayur Resources Ltd  
MC Mining Limited  
Mechel PAO  
Mechel PAO  
Mechel PAO  
Mechel PJSC  
MEG Energy Corp.  
Meijin Energy Group Ltd  
Mercator Ltd  
Metalloinvest Finance DAC  
Metro Mining Ltd  
Metro Pacific Investments Corp  
MGE Energy Inc

MidAmerican Energy Co  
Minas de Benga Lda  
Minergy Ltd  
Mitchell Services Ltd  
Mitsubishi Corp  
Mitsubishi Corp  
Mitsui & Co  
Mitsui & Co Ltd  
Mitsui Matsushima Holdings Co Ltd  
Mivne Real Estate KD Ltd  
MMC Finance DAC  
MMC Finance DAC  
MMC Norilsk Nickel PJSC  
MMK International Capital DAC  
Mobile TeleSystems PJSC  
MOL Hungarian Oil & Gas  
Mong Duong Coal JSC  
Mong Duong Finance Holdings BV  
Mongolia Energy Corp Ltd  
Mongolia Energy Corp Ltd  
Mongolia Energy Corporation Limited  
Mongolian Mining Corp  
Monongahela Power Co  
Montana-Dakota Utilities Co  
Mosenergo PJSC  
MTS International Funding Ltd.  
Murmanskiy Morskoi Torgovyi Port JSC  
Murphy Oil Corp  
NACCO Industries, Inc.  
Nan Nan Resources Enterprise Ltd  
National Aluminium Co Ltd  
National Aluminium Co Ltd  
National Fuel Gas Co  
Nava Bharat Ventures Limited  
Ncondezi Energy Ltd  
New Hope Corp Ltd  
Ngan Son JSC  
Nickel Mines Ltd  
Nikotiana BT Holding AD Sofia  
Ningbo Energy Group Co Ltd  
Ningbo Marine Co Ltd  
Nippon Steel Corp  
Nippon Steel Corp  
NiSource Inc  
NiSource Inc  
NLC India Limited  
Noble Energy Inc  
Noble Group Holdings Ltd  
Noble Group Holdings Ltd  
Northern Coal Trading JSC  
Northern Indiana Public Service Co LLC  
Northrop Grumman Corp

NorthWestern Corp  
Nova Scotia Power Inc  
Novatek Finance DAC  
Novatek PAO  
Novatek PJSC  
Novolipetsk Steel PJSC  
NRG Energy Inc  
NRG Energy Inc  
NTC Industries Ltd  
NTPC Ltd  
NuCoal Resources Ltd  
Nui Beo Coal JSC  
OAO UK Kuzbassrazrezugol  
Oasis Petroleum Inc  
Occidental Petroleum Corp  
Odas Elektrik Uretim Sanayi Ticaret AS  
OGE Energy Corp  
OGK-2 PJSC  
Oil & Natural Gas Corp Ltd  
Oil & Natural Gas Corp Ltd  
Oil India Ltd  
Oil Search Limited  
OJSC OGK-2  
OJSC Primorskugol  
OKD as  
Okinawa Electric Power Co Inc/The  
OMV AG  
OPG Power Ventures Plc  
Oracle Power PLC  
Origin Energy Limited  
Origin Energy Ltd  
Otter Tail Corp  
PacifiCorp  
PacifiCorp  
PacifiCorp Capital I  
PacifiCorp Capital II  
Page Industries Ltd  
Painted Pony Energy Ltd  
Pakistan International Bulk Terminal Ltd  
Pakistan Tobacco Co Ltd  
PAO Severstal  
PAO Severstal  
Paramount Resources Ltd  
Paringa Resources Ltd  
Park Elektrik Uretim Madencilik Sanayi ve Ticaret AS  
Parsley Energy Inc  
PDC Energy Inc  
Peabody Energy Corp  
Peabody Energy Corp  
Perusahaan Listrik Negara PT  
PetroChina Co  
Petroleo Brasileiro Petrobras SA

Petropavlovsk 2016 Ltd.  
Petropavlovsk PLC  
PetroVietnam Power Corp JSC  
Peyto Exploration & Development Corp  
PGE Polska Grupa Energetyczna SA  
PGE SA (Polska Grupa Energetyczna SA)  
Pha Lai Thermal Power JSC  
Philip Morris Cr AS  
Philip Morris International Inc  
Philip Morris Operations AD Nis  
Philip Morris Pakistan Ltd  
Phosagro Bond Funding DAC  
PhosAgro PJSC  
PIK Securities DAC  
Pingdingshan Tianan Coal. Mining Co., Ltd.  
Pioneer Natural Resources Co  
PJSC Centrenergo  
PJSC Centrenergo  
PJSC Irkutskenergo  
PJSC Kuzbasskaya Toplivnaya Co  
PJSC Magadanenergo  
PJSC Priargunsky Industrial Mining and Chemical Union  
PJSC RusHydro  
PJSC RusHydro  
PJSC Sakhalinenergo  
PKP Cargo SA  
PNM Resources Inc  
PNOG Exploration Corp  
Polish Oil & Gas SA  
Polskie Górnictwo Naftowe i Gazownictwo SA  
Polymetal International PLC  
Polyus Finance Plc  
Polyus Gold International Limited Sponsored GDR  
Poongsan Corp  
Poongsan Corp  
Portland General Electric Co  
POSCO  
Posco  
Posco  
Posco  
Posco International Corp  
Power Construction Corp of China Ltd  
Power Finance Corp Ltd  
Power Generation Corp 2 JSC (EVN Genco 2)  
Power Generation Corp 3 JSC (EVN Genco 3)  
PPL Capital Funding Inc  
PPL Corp  
PPL Corp  
Prairie Mining Ltd  
Press Metal Aluminium Holdings Bhd  
Primetech SA  
Progress Energy Inc

PT ABM Investama Tbk  
PT Adaro Energy Tbk  
PT Akbar Indo Makmur Stimec Tbk  
PT Alfa Energi Investama Tbk  
PT Astra International Tbk  
PT Astra International Tbk  
PT Atlas Resources Tbk  
PT Bakrie & Brothers Tbk  
PT Baramulti Suksessarana Tbk  
PT Barito Pacific Tbk  
PT Bayan Resources Tbk  
PT Bayan Resources Tbk  
PT Berau Coal Energy Tbk  
PT Borneo Olah Sarana Sukses Tbk  
PT Bukit Asam Tbk  
PT Bukit Asam Tbk  
PT Bukit Makmur Mandiri Utama  
PT Bumi Resources Tbk  
PT Cikarang Listrindo Tbk  
PT Dana Brata Luhur Tbk  
PT Darma Henwa Tbk  
PT Dian Swastatika Sentosa Tbk  
PT Dwi Guna Laksana Tbk  
PT Eksploitasi Energi Indonesia Tbk  
PT Garda Tujuh Buana Tbk  
PT Golden Eagle Energy Tbk  
PT Golden Energy Mines Tbk  
PT Indika Energy Tbk  
PT Indika Energy Tbk  
PT Indo Tambangraya Megah Tbk  
PT Indo Tambangraya Megah Tbk  
PT Mitrabahtera Segara Sejati Tbk  
PT Mitrabara Adiperdana Tbk  
PT Petrosea Tbk  
PT PP (Persero) Tbk  
PT Resource Alam Indonesia Tbk  
PT Samindo Resources Tbk  
PT SMR Utama Tbk  
PT Sumber Energi Andalan Tbk  
PT TBS Energi Utama Tbk  
PT Trada Alam Minera Tbk  
PT Trans Power Marine Tbk  
PT United Tractors Tbk  
PT United Tractors Tbk  
PTT Public Co  
PTT Public Co Ltd  
PTT Public Co Ltd  
PTT Public Co Ltd  
PTT Public Co Ltd  
Public Power Corp SA  
Public Power Corp SA  
Public Service Co of New Mexico



Public Service Co of Oklahoma  
Pyxus International Inc  
QEP Resources Inc  
Qinhuangdao Port Co Ltd  
Quang Ninh Thermal Power JSC  
Ramaco Resources Inc  
Range Resources Corp  
Raspadskaya OJSC  
RATCH Group Public Co Ltd  
RATCH Group Public Co Ltd  
RattanIndia Power Ltd  
Raytheon Technologies Corp  
REC Ltd  
Refex Industries Ltd  
Refrigeration Electrical Engineering Corp  
Reliance Infrastructure Ltd  
Reliance Infrastructure Ltd  
Reliance Infrastructure Ltd  
Reliance Power Ltd  
Reliance Power Ltd  
Reliance Power Ltd  
Repsol SA  
Resource Generation Ltd  
Rey Resources Ltd  
Rhino Resource Partners LP  
RioZim Ltd  
RMU Kamengrad d.d. Sanski Most  
Roan Resources Inc  
Rocklands Richfield Ltd  
Rosan Resources Holdings Ltd  
Rosneft Oil Co  
Rosneft Oil Co PJSC  
Rosseti Lenenergo PJSC  
ROSSETI PJSC  
Rostelecom PJSC  
Royal Dutch Shell  
Rudnici Uglja Banovici (RMUB)  
Rudnik i Termoelektrana Gacko  
Rudnik i Termoelektrana Ugljevik  
Rudnik Kovin AD  
Rudnik uglja AD Pljevlja  
RusHydro PJSC  
Russian Railways JSC  
RWE AG  
RWE AG  
Safran SA  
Sahakol Equipment Co Ltd  
Sahakol Equipment Co Ltd  
Sakari Resources Ltd  
Samolet Group  
San Miguel Corp  
San Miguel Corp

Sanchez Energy Corp  
Santos Limited  
Sany Heavy Equipment International Holdings Co Ltd  
Sarda Energy & Minerals Ltd  
Sasol Ltd  
Sasol Ltd  
SB Capital SA  
Sberbank of Russia PJSC  
Scandinavian Tobacco Group A/S  
Schweitzer-Mauduit International Inc  
SDIC Capital Co Ltd  
SDIC Power Holding Co Ltd  
SDIC Power Holdings Co Ltd  
Sedgman Pty Ltd  
Segezha Group PJSC  
Sembcorp Industries Ltd  
Semirara Mining and Power Corporation  
Serbian Oil Co  
Serco Group Plc  
Seven Generations Energy Ltd  
Severoceske doly AS  
Severstal PAO  
Shaanxi Coal Industry Company Limited  
Shaanxi Non-ferrous Metals Holding Group Co Ltd (Shaanxi Youser Group)  
Shan Xi Hua Yang Group New Ene  
Shanghai Datun Energy Resources Co Ltd  
Shanghai Electric Power Company Limited  
Shanghai Industrial Holdings Ltd  
Shanxi Coal International Energy Group Co Ltd  
Shanxi Coking Coal Energy Group Co.,Ltd.  
Shanxi Lanhua Sci-Tech Venture Co.,Ltd  
Shanxi Lu'an Environmental Energy Development Co., Ltd.  
Shapir Engineering and Industry Ltd  
Sharyn Gol JSC  
Shenergy Co Ltd  
Shenyang Huitian Thermal Power Co Ltd  
Shenyang Jinshan Energy Co Ltd  
Shenzhen Energy Group Co., Ltd.  
Shenzhen Megmeet Electrical Co  
Shikoku Electric Power Co Inc  
Shikun & Binui Ltd  
Shivee Ovoo JSC  
Shubarkol Komir JSC  
Shumba Energy Ltd  
Sila Holding AD  
Silver Elephant Mining Corp  
Sinnar Bidi Udyog Ltd  
Sinopec Group Overseas Development (2015) Ltd.  
Sinopec Shanghai Petrochemical Co  
Sistema PJSFC  
SJVN Ltd  
SK Innovation Co Ltd

Skoda Praha AS  
Slantse Stara Zagora- BT AD  
SM Energy Co  
SNT Dynamics Co Ltd  
Societe Ivoirienne des Tabacs SA  
Sokolovska Uhelna AS  
South African Coal Mining Holdings Ltd  
South32 Ltd  
Southern Co Capital Trust III  
Southern Co Capital Trust IV  
Southern Co Capital Trust VI  
Southern Energy Holdings Group Ltd  
Southern Kuzbass Coal Co PJSC  
SouthGobi Resources Ltd  
Southwestern Electric Power Co  
Southwestern Energy Co  
Southwestern Public Service Co  
SovCom Capital DAC  
Sovcombank PJSC  
Sovcomflot PJSC  
SPC Power Corp  
Stanmore Coal Ltd  
Steel Authority of India Ltd  
Steel Capital SA  
Steel Funding DAC  
SUEK Securities DAC  
Sumec Corp Ltd  
Sumitomo Corp  
Sumitomo Corp  
Suncor Energy Inc  
Sundiro Holding Co Ltd  
Sunshine Oilsands Ltd.  
Sunwoda Electronic Co Ltd  
Surgutneftegas PJSC  
Swedish Match AB  
SWEPCO Capital I  
Ta Ann Holdings Bhd  
Ta-Ho Maritime Corp  
Taiwan Cement Corp  
Taiwan Cement Corp  
Taiwan Cement Corp  
Taiwan Power Co (TAIPOWER)  
Tanzania Cigarette Co Ltd  
TAQA Morocco S.A.  
Tata Power Co Ltd  
Tata Power Co Ltd  
Tata Power Co Ltd/The  
Tata Steel Ltd  
Tatneft PJSC  
Tauron Polska Energia SA  
TAURON Polska Energia SA  
TBEA

TCS Finance DAC  
TCS Finance DAC  
TCS Group Holding PLC  
Teck Resources Ltd  
Ten Pao Group Holdings Ltd  
Tenaga Nasional Bhd  
Tenaga Nasional Bhd  
TerraCom Ltd  
Territorial Generation Co No 14 PJSC  
Texhong Textile Group Ltd  
Textron Inc  
TGC-1 PJSC  
Thai Capital Corp Public Co Ltd  
Thai Capital Corp Public Co Ltd  
Thales SA  
The AES Corp  
The Southern Co  
The Southern Co  
Thoresen Thai Agencies PCL  
Thungela Resources Ltd  
Tian Chang Group Holdings Ltd  
Tiandi Science & Technology Co Ltd  
Tigers Realm Coal Ltd  
TMK Capital SA  
TMK PJSC  
TMK PJSC  
Tohoku Electric Power Co Inc  
Tohoku Electric Power Co Inc  
Tokyo Century Corp  
Tokyo Electric Power Co Inc  
Tokyo Electric Power Co Inc  
Tong Ren Tang technologies Co Ltd  
Top Energy Co Ltd Shanxi  
Top Frontier Investment Holdings Inc  
Total SA  
Tourmaline Oil Corp  
Toyo Ventures Holdings Bhd  
TPI Polene Power Public Company Limited  
TransAlta Corp  
Transneft PJSC  
Tri-State Generation and Transmission Association Inc  
Turning Point Brands Inc  
Tutunski Kombinat AD  
UC RUSAL PLC  
Ultra Petroleum Corporation  
Unicorn Capital Partners Ltd  
Union Electric Co  
Union Investment Corp PLC  
Union Tobacco & Cigarette Industries Co  
Uniper SE  
Uniper SE  
Unipro PJSC

Unique Mining Services Public Co Ltd  
Unique Mining Services Public Co Ltd  
United Co RUSAL International  
United Company Rusal PLC  
Universal Coal PLC  
Universal Corp/VA  
UNS Energy Corp  
Up Energy Development Group Ltd  
Uralkali Finance DAC  
Uralkali PJSC  
Uroica Precision Information Engineering Co Ltd  
Vale SA  
Vale SA  
Vale SA  
Vang Danh Coal JSC  
Vanguard Natural Resources Inc  
Vapor Group Inc  
VaporBrands International Inc  
VEB Finance Plc  
Vector Group Ltd  
Vectren Corp  
Vedanta Ltd  
Vedanta Ltd  
Vedanta Resources Ltd  
VEON Ltd  
Vietnam National Coal Mineral Industries Holding Corp Ltd (Vinacomin)  
Vimetco NV  
Vistra Corp  
Vivant Corp  
Volcan Cia Minera SAA  
Vostochny Port JSC  
VPR Brands LP  
VST Industries Ltd  
VTB Bank PJSC  
VTB Eurasia DAC  
Walchandnagar Industries Ltd  
Wanhua Chemical Group Co Ltd  
Wanji Holding Group Co Ltd  
Waratah Coal Pty Ltd  
Warrior Met Coal Inc  
Washington H Soul Pattinson & Co Ltd  
WEC Energy Group Inc  
WEC Energy Group Inc  
Wee-Cig International Corp  
Weiqiao Textile Company Limited  
Wescoal Holdings Ltd  
Westmoreland Coal Co  
Westshore Terminals Investment Corp  
White Energy Co Ltd  
Whitecap Resources Inc  
Whitehaven Coal Ltd  
Whitehaven Coal Ltd

Whiting Petroleum Corp  
Wintime Energy Co.,Ltd.  
Wisconsin Electric Power Co  
Wisconsin Power and Light Co  
Wisconsin Public Service Corp  
Wismilak Inti Makmur Tbk PT  
Wollongong Coal Ltd  
Woodside Petroleum Limited  
WPX Energy Inc  
WTK Holdings Bhd  
Wuhan Boiler Co Ltd  
Xcel Energy Inc  
XCEL Energy Inc  
Xinjiang Tianfu Energy Co Ltd  
Xinjiang Tianye Co Ltd  
Xinjiang Zhongtai Chemical Co Ltd  
Xinyang Maojian Group Ltd  
Yancoal Australia Ltd  
Yancoal Australia Ltd  
Yancoal Resources Ltd  
Yandex NV  
Yangmei Chemical Co Ltd  
Yankuang Energy Group Co Ltd.  
Yankuang Energy Group Co Ltd.  
Yanzhou Coal Mining Co Ltd  
Yanzhou Coal Mining Co Ltd  
Yenisei Territorial Generating Co (TGC-13)  
Yenisei Territorial Generating Co (TGC-13)  
YPF Sociedad Anonima  
YTL Corp Bhd  
YTL Power International Bhd  
Yunnan Baiyao Group Co Ltd  
Zespol Elektrowni Patnow ADA  
ZEW Kogeneracja SA  
Zhejiang Hugelaf Co.,Ltd.  
Zhejiang Zheneng Electric Power Co., Ltd.  
Zhengzhou Coal Industry & Electric Power Co Ltd  
Zhengzhou Coal Mining Machinery Group Co Ltd  
Zhongzheng International Co Ltd  
Zijin Mining Group Co Ltd  
ZTE Corp  
Zuari Agro Chemicals Ltd