



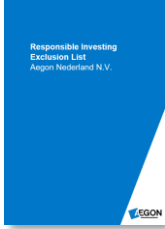

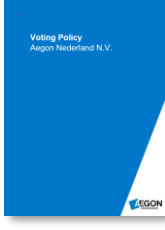
Responsible Investing Exclusion List Aegon Nederland N.V.

16 March 2022

1. Reading guide

This document is part of a framework of documents that collectively form the Responsible Investing Policy of Aegon Netherlands N.V. (Aegon NL).

The following table provides an overview of the different documents that are part of our Responsible Investing Policy.

Link to document	Document name	Description
 EN NL	Responsible Investing Policy Principles	This document is the overarching document which describes our approach to responsible investing and outlines the different tools within our responsible investing framework.
 EN NL	Responsible Investing Topics	This document provides detailed information on how the different tools within our responsible investing framework are applied on a per-topic basis (e.g. climate change). This includes details of our screening, engagement and exclusion criteria.
 EN	Responsible Investing Exclusion List (This document)	This document provides an overview of countries and companies we have excluded from our investible universe. This document is updated regularly when any additional exclusions are decided upon.
 EN	Responsible Investing Treaties, Standards and Initiatives	This document provides an overview of all relevant treaties, standards and initiatives that we adhere to or support as part of our Responsible Investing Policy. This document is updated regularly.
 EN	Voting Policy Aegon Nederland N.V.	This document describes how we make use of the voting rights associated with our investments in listed companies.

2. Excluded countries

Aegon NL excludes investments in any form of government-issued debt (e.g. government bonds) from countries that systematically breach human rights. Aegon NL also excludes investments in any form of government-issued debt from countries that are under an arms embargo of the United Nations, the European Union, or the United States of America.







A full list of all countries that Aegon NL has excluded from investing in the government-issued debt is shown below:

Belarus	Russia
Central African Republic	Somalia
Democratic Republic of Congo	South Sudan
Eritrea	Sudan
Iran	Syria
Libya	Venezuela
Myanmar	Zimbabwe
North Korea	

3. Excluded companies

Aegon NL excludes investments in companies that are involved in controversial activities, such as producing tobacco or manufacturing nuclear weapons. In addition, Aegon NL also excludes companies that repeatedly violate globally-accepted standards of behaviour. Further information on why a company may be excluded from by Aegon NL can be found in the Responsible Investing Topics document (see Section 1: Reading guide).

The exclusion rules set out in Aegon NL’s Responsible Investing Policy Principles and Responsible Investing Topics documents can be grouped into five categories. These categories are shown below and are used throughout this document to provide more information on why Aegon NL has excluded a company from its investments.

Key	Exclusion category
	Climate change
	Biodiversity
	Good health & wellbeing
	Controversial weapons & controversial arms trade
	Insufficient engagement progress following non-compliance with global standards
	Human rights

A full list of all excluded companies is provided in the following pages. In principle, Aegon NL aims to identify and exclude all (non-listed) subsidiaries of an excluded company unless an exemption has been approved by the Aegon NL Responsible Investing Committee.

Aegon NL also excludes investment in any Russian- or Belarusian-based companies regardless of whether or not they are included in the following list.

Company name						
22nd Century Group Inc						
A Brown Co Inc						
AAK AB						
Abdul Qader Khan Research Laboratories (AQKRL)						
Aboitiz Equity Ventures, Inc						
Aboitiz Power Corp						
Abrau-Durso PJSC						
Abu Dhabi National Energy Co PJSC						
AC Energy Corp						
AC Energy Finance International Ltd						
Academician VP Makeyev State Rocket OJSC						
Adani Electricity Mumbai Ltd						
Adani Power Ltd						
Adani Transmission Ltd						
Aemetis Inc						
AEP Texas Central Co						
AEP Texas, Inc						
AEP Transmission Co LLC						
AEP Utilities, Inc						
Aeroflot-Russian Airlines PJSC						
Aerojet Ordnance Tennessee, Inc						
Aerojet Rocketdyne Holdings Inc						
Aerojet Rocketdyne, Inc						



























Company name						
Aerospace Long-March International Trade Co, Ltd						
Aeroteh SA						
AES Andres BV						
AES Andres Dominicana Ltd						
AES El Salvador Trust II						
AES Gener SA						
AES Indiana						
AEV International Pte Ltd						
African Rainbow Minerals Ltd						
Afrikantov Experimental Design Bureau for Mechanical Eng						
Agalawatte Plantations PLC						
AGL Energy Ltd						
Agritrade Resources Ltd						
Air 2 US LLC						
Air Weapons Complex						
Airbus Finance BV						
Airbus SE						
Alabama Power Co						
Alarko Holding AS						
Albioma SA						
Al-Eqbal Co for Investment Plc						
Alexander Funding Trust						
ALLETE Inc						



























Company name						
Alliance Holdings GP LP	█					
Alliance Resource Partners LP	█					
Alliant Energy Corp	█					
Alpha Metallurgical Resources, Inc	█					
Alrosa Finance SA						█
ALROSA PJSC						█
Altalink Investments LP	█					
AltaLink LP	█					
Altius Minerals Corp	█					
Altri SGPS SA		█				
Altria Group Inc			█			
Amentum Services, Inc				█		
Ameren Corp	█					
American Electric Power Co Inc	█					
American Ordnance LLC				█		
An Hui Wenergy Co, Ltd	█					
Anglo American Capital Plc	█					
Anglo American PLC	█					
Anglo Pacific Group PLC	█					
Anglo-Eastern Plantations Plc		█				
Anhui GreatWall Military Industry Co, Ltd				█		
Anhui Hengyuan Coal Industry & Electricity Power Co, Ltd	█					
Appalachian Power Co	█					
























Company name						
Arab Organization for Industrialization						
Arch Resources, Inc						
Arcon Partners Ltd						
Arizona Public Service Co						
Armaco JSC						
Ashot Ashkelon Industries Ltd						
Astral Asia Bhd						
Athabasca Oil Corp						
Avibras Industria Aeroespacial S/A						
Avic International Finance & Investment Ltd						
AviChina Industry & Technology Company Limited						
Ayer Holdings Bhd						
Babcock International Group PLC						
BADECO ADRIA dd						
BAE Systems (Finance) Ltd						
BAE Systems Holdings, Inc						
BAE Systems PLC						
Balkan NovoTeh doo						
Bank St. Petersburg PJSC						
Banpu Power Public Co Ltd						
Banpu Public Co Ltd						
Bashneft PJSOC						
BAT Brasil						





























Company name						
BAT Capital Corp			Yellow			
BAT International Finance plc			Yellow			
Bathurst Resources Ltd	Blue					
Battelle Memorial Institute				Dark Blue		
BATTELLE SAVANNAH RIVER ALLIANCE LLC				Dark Blue		
Batu Kawan Bhd		Purple				
Bechtel Corp				Dark Blue		
Beijing Energy Investment Holding Co, Ltd	Blue					
Beijing Energy Investment Holdings Ltd	Blue					
Beijing Haohua Energy Resource Co, Ltd	Blue					
BELON OAO						Red
Beluga Group						Red
BEML Ltd				Dark Blue		
Benso Oil Palm Plantation Ltd		Purple				
Berkshire Hathaway Energy Co	Blue					
Bharat Dynamics Limited				Dark Blue		
Bisichi Plc	Blue					
Black Hills Corp	Blue					
BLD Plantation Bhd		Purple				
Bogatyr Coal LLP	Blue					
Bohai Shipbuilding Industry Co, Ltd				Dark Blue		
Boustead Holdings Bhd		Purple				
Boustead Plantations Bhd		Purple				





























Company name						
British American Tobacco Bangladesh Co			Yellow			
British American Tobacco Chile Operaciones SA			Yellow			
British American Tobacco Holdings (The Netherlands) BV			Yellow			
British American Tobacco Kenya Ltd			Yellow			
British American Tobacco Malaysia Bhd			Yellow			
British American Tobacco plc			Yellow			
British American Tobacco Uganda Ltd			Yellow			
British American Tobacco Zambia Plc			Yellow			
British American Tobacco Zimbabwe Ltd			Yellow			
Brunswick Rail Ltd.						Red
Bukit Darah PLC		Purple				
Bulgarian Energy Holding EAD	Cyan					
Bulgartabac Holding AD			Yellow			
Bumitama Agri Ltd		Purple				
BWX Technologies, Inc				Dark Blue		
CalEnergy Co, Inc	Cyan					
Cam Resources Bhd		Purple				
Canadian Natural Resources Ltd	Cyan					
Canadian Oil Sands Ltd	Cyan					
Capital Power Corp	Cyan					
Carolina Power & Light Co	Cyan					
Carson Cumberbatch PLC		Purple				
Castle Peak Power Finance Co Ltd	Cyan					






























Company name						
CB Industrial Product Holding Bhd						
CBOM Finance Plc						
Cenovus Energy Inc						
Central Coalfields Ltd						
Central Design Bureau for Marine Engineering "Rubin"						
Central Networks East Plc						
Central Networks West Plc						
Central Telegraph PJSC						
Cepatwawasan Group Bhd						
CESC Ltd						
Ceylon Tobacco Co PLC						
CEZ, a s						
CGN New Energy Holdings Co, Ltd						
Chelyabinsk Pipe-Rolling Plant PJSC						
Cherkizovo Group PJSC						
Chin Teck Plantations Bhd						
China Academy of Launch Vehicle Technology						
China Aerospace Science & Technology Corp						
China Boton Group Co, Ltd						
China Coal Energy Co, Ltd						
China Coal Xinji Energy Co Ltd						
China Datang Co, Ltd						
China Energy Investment Corp, Ltd						

Company name						
China Guodian Corp						
China Huadian Corp Ltd						
China Huaneng Group (Hong Kong) Treasury Mgt Holding Ltd						
China Huaneng Group Co, Ltd						
China Huarong Asset Management Co Ltd						
China Isotope & Radiation Corp						
China Longyuan Power Group Corp Ltd						
China National Coal Group Corp (ChinaCoal)						
China National Nuclear Corp						
China National Nuclear Corp						
China National Nuclear Power Co Ltd						
China National Petroleum Corp						
China National Tobacco Corp						
China North Industries Corp						
China Petrochemical Corp						
China Petroleum & Chemical Corp						
China Pingmei Shenma Group						
China Power International Development Ltd						
China Power International Holding Ltd						
China Qinfu Group Ltd						
China Resources Power Holdings Co Ltd						
China Shenhua Energy Co Ltd						
China Shenhua Overseas Capital Co, Ltd						







Company name						
China Shipbuilding Industry Co, Ltd						
China Shipbuilding Industry Corp						
China Spacesat Co Ltd						
Chongqing Energy Investment Group Co Ltd						
Chumporn Palm Oil Industry Public Co Ltd						
CI Resources Ltd						
Cia Nationala ROMARM SA						
CITGO Holding, Inc						
CITGO Petroleum Corporation						
Cleco Corporate Holdings LLC						
Cleco Power LLC						
Cloud Peak Energy Inc						
Cloud Peak Energy Resources LLC						
CLP Holdings Ltd						
CLP Power HK Finance Ltd						
CLP Power Hong Kong Financing Ltd						
CMS Energy Corp						
CNIM Group SA						
CNNC International Ltd						
CNPC (HK) Overseas Capital Ltd						
CNPC Capital Co, Ltd						
CNPC General Capital Ltd						
CNPC Global Capital Ltd						

Company name						
CNRC Capitale Ltd						
Coal Energy SA						
Coal India Limited						
Coka Duvanska Industrija AD						
Colbún SA						
Collins Aerospace						
Columbia Pipeline Group, Inc						
Commissariat à l'énergie atomique et aux énergies alternatives						
Concern PVO Almaz-Antey OJSC						
Connacher Oil & Gas Ltd						
CONSOL Coal Resources LP						
CONSOL Energy Inc						
Consumers Energy Co						
Coronado Global Resources, Inc						
Corporation Moscow Institute for Heat Technology JSC						
CPS Energy						
CREDIT BANK OF MOSCOW PJSC						
CSRA Inc						
CTC Media, Inc.						
CTO Public Co Ltd						
Dassault Aviation SA						
Datang International Power Generation Co, Ltd						
Defense Industries Organization						

Company name						
Defense Research & Development Organization						
Dekel Agri-Vision Plc						
Delloyd Ventures Sdn Bhd						
Detsky Mir PJSC						
DIXY Group PJSC						
DMCI Holdings, Inc						
Dominion Energy Inc						
Dominion Energy South Carolina, Inc						
Domtar Corp						
DTE Electric Co						
DTE Energy Co						
DTEK BV						
DTEK Energy BV						
DTEK Finance Plc						
Ducommun Inc						
Duke Energy Carolinas LLC						
Duke Energy Corp						
Duke Energy Florida LLC						
Duke Energy Indiana LLC						
Duke Energy Kentucky, Inc						
Duke Energy Ohio, Inc						
Duke Energy Progress LLC						
Dunarit Ad						

Company name						
Duvanska Industrija ad Bujanovac						
Dynegy Inc						
Eastern Co (Egypt)						
Eastern Coalfields Ltd						
EDP - Energias do Brasil SA						
EDP Espírito Santo Distribuição de Energia SA						
EDP São Paulo Distribuição de Energia SA						
EFS Cogen Holdings I LLC						
Elbit Systems Ltd						
Electric Boat Corp						
Electric Power Development Co, Ltd						
Electricity Generating Public Co, Ltd						
Electrozink PJSC						
Elektrik Uretim AS Genel Mudurlugu (EUAS)						
Elektroprivreda Srbije (EPS)						
Elm Road Generating Station Supercritical LLC						
Elpitiya Plantations PLC						
Embraer Netherlands Finance BV						
Embraer Overseas Ltd						
Embraer SA						
Emera US Finance LP						
Emera, Inc						
Empresa Eléctrica Angamos SpA						

Company name						
Empresa Eléctrica Cochrane SpA	■					
Empresa Eléctrica Guacolda SA	■					
En+ Group International PJSC						■
Enbridge Energy Management, LLC	■					
Enbridge Energy Partners, LP	■					
Enbridge Gas Distribution, Inc	■					
Enbridge Gas, Inc	■					
Enbridge Inc	■					
Enbridge Income Fund Holdings Inc	■					
Enbridge Pipelines, Inc	■					
EnBW Energie Baden Württemberg AG	■					
ENBW International Finance BV	■					
Enea SA	■					
Enel Russia PJSC						■
Energa Finance AB	■					
Energa SA	■					
Energetický a Průmyslový Holding as	■					
EnergosbyT Plus OJSC						■
Energy Absolute Public Co Ltd		■				
Energy Earth Public Co, Ltd	■					
Energy Harbor Corp	■					
Eneva SA	■					
Engie Brasil Energia SA	■					

Company name						
Engie Energia Chile SA	█					
Engro Corp Ltd	█					
ENN Natural Gas Co, Ltd	█					
Entergy Arkansas LLC	█					
Entergy Mississippi LLC	█					
Entergy Utility Property, Inc	█					
EP Energy, as	█					
Eskom Holdings SOC Limited	█					
Eterna Capital Pte Ltd	█					
Eurasian Natural Resources Corp Ltd	█					
Eurotorg LLC						█
Evergy Kansas Central, Inc	█					
Evergy Kansas South, Inc	█					
Evergy, Inc	█					
EWE AG	█					
Exillon Energy plc						█
Explosivos Alaveses SA				█		
Exxaro Resources Ltd	█					
Exxon Mobil Corp	█					
Far East Holdings Bhd		█				
Far Eastern Shipping Co. OJSC						█
Fauji Fertilizer Co Ltd	█					
Federal Grid Co of Unified Energy System PJSC						█

Company name						
Federal Hydro-Generating Co. RusHydro PJSC						
Feishang Anthracite Resources Ltd						
Feronia Inc						
FGV Holdings Bhd						
Filinvest Development Corp						
Fima Corp Bhd						
First Pacific Company Limited						
First Resources Ltd (Singapore)						
Fitters Diversified Bhd						
Fix Price Group Ltd.						
Florida Power Corp						
Fluor Corp						
Force Protection Inc						
Foresight Energy LP						
Fortis Inc						
FPC Finance Ltd						
FPC Treasury Ltd						
FPT Finance Ltd						
Franco-Nevada Corp						
Freeport-McMoRan Inc						
FSPC Titan-Barrikady JSC						
Fuji Oil Holdings Inc						
Fujian Funeng Co, Ltd						







Company name						
Gaz Capital SA						
Gaz Finance Plc						
Gazprom Neft PJSC						
Gazprom PJSC						
Gazprombank OJSC						
GD Power Development Co, Ltd						
GE Capital Australia Funding Pty Ltd						
GE Capital Canada Funding Co						
GE Capital European Funding Unlimited Co						
GE Capital Funding LLC						
GE Capital International Funding Co						
GE Capital Trust II						
GE Capital UK Funding Unlimited Co						
Gemeng International Energy Co Ltd						
General Dynamics Corp						
General Dynamics Mission Systems, Inc						
General Dynamics Ordnance & Tactical Systems, Inc						
General Electric Capital Corp						
General Electric Co						
Genting Bhd						
Genting Plantations Bhd						
Geo Energy Resources Ltd						
Geofoto, Inc doo						







Company name						
Georgia Power Co	■					
Global Industrial & Defence Solutions				■		
Global Ordnance LLC				■		
Global Palm Resources Holdings Ltd		■				
Global Power Synergy PCL	■					
Globaltrans Investment PLC						■
GLOBALTRUCK MANAGEMENT PJSC						■
Glow Energy Public Co, Ltd	■					
GMéxico Transportes SAB de CV						
Godfrey Phillips India Ltd			■			
Godrej Agrovet Ltd		■				
GOHL Capital Ltd		■				
Golden Agri-Resources Ltd		■				
Golden Energy & Resources Ltd	■					
Golden Land Bhd		■				
Golden Tobacco Ltd			■			
Goodman Fielder Pty Ltd		■				
Gopeng Bhd		■				
Gornozavodsktsement PJSC						■
Gosudarstvennaya Transportnaya Lizingovaya Kompaniya OJSC						■
Gotse Delchev Tabac AD			■			
Government of Russia						■
GPN Capital SA						■






























Company name						
Great Plains Energy Inc	■					
Green Ocean Corp Bhd		■				
Grupo México, SAB de CV						
GTLK Europe Capital DAC						■
GTLK Europe Ltd.						■
Guangdong Electric Power Development Co Ltd	■					
Guangdong Investment Ltd	■					
Guangdong King Sun Electric Power Group Limited	■					
Guangdong Shaoneng Group Co, Ltd	■					
Guanghui Energy Co, Ltd	■					
Guangxi Guiguan Electric Power Co, Ltd	■					
Guangzhou Development Group, Inc	■					
Guizhou Panjiang Refined Coal Co, Ltd	■					
Guizhou Wujiang Hydropower Development Co, Ltd	■					
Gujarat Industries Power Co Ltd	■					
Gujarat Mineral Development Corp Ltd	■					
Gulf Power Co	■					
Guoyuan Times Coal Asset Management Co Ltd	■					
GV Gold PJSC						■
HAGL JSC		■				
Hallador Energy Co	■					
Hanwha Corp				■		
Hap Seng Consolidated Bhd		■				




Company name						
Hap Seng Plantations Holdings Bhd						
Hargreaves Services PLC						
Harn Len Corp Bhd						
Harvest Operations Corp						
HDT Védelmi Ipari Kft						
Headhunter Group Plc						
Hebei Construction Group Co Ltd						
Henan Dayou Energy Co Ltd						
Henan Shenhua Coal & Power Co, Ltd						
Hidili Industry International Development Ltd						
Hirtenberger Defence Systems GmbH & Co KG						
HK Electric Investments & HK Electric Investments Ltd						
HMS Hydraulic Machines & Systems Group plc						
Hokkaido Electric Power Co, Inc						
Hokuriku Electric Power Co						
Holding Korporacija Krusik AD Valjevo						
Honeywell Automation India Ltd						
Honeywell Federal Manufacturing & Technologies LLC						
Honeywell International Inc						
Hong Kong Electric Finance Ltd						
Hongkong Electric Finance Ltd						
Hosken Consolidated Investments Ltd						
Huadian Fuxin Energy Corp Ltd						















Company name						
Huadian Power International Corp Ltd	■					
Huainan Mining Industry Group	■					
Huaneng Power International, Inc	■					
Huarong Finance 2017 Co, Ltd						
Huarong Finance 2019 Co Ltd						
Huarong Finance II Co Ltd						
Huarong Universe Investment Holding Ltd						
Huayang New Material Technology Group Co Ltd	■					
Hubei Energy Group Co Ltd	■					
Huntington Ingalls Industries, Inc				■		
Huolinhe Opencut Coal Industry Corp Ltd of Inner Mongolia	■					
Husky Energy Inc	■					
Ichor Coal NV	■					
Idacorp Inc	■					
Idaho Power Co	■					
IE2 Holdco SAU	■					
IG Seismic Services Ltd.						■
IJM Corp Bhd		■				
IJM Plantations Bhd		■				
Ikwezi Mining Ltd	■					
IMI Systems Ltd				■		
Imperial Brands Finance Netherlands BV			■			
Imperial Brands Finance Plc			■			


Company name						
Imperial Brands PLC			■			
Imperial Oil Ltd	■					
IMT Corp (Canada)				■		
IMT Defence				■		
Indiana Michigan Power Co	■					
Indika Energy Capital III Pte Ltd	■					
Indika Energy Capital IV Pte Ltd	■					
Indo Energy Finance II BV	■					
Indofood Agri Resources Ltd		■				
Inner Mongolia Huineng Coal and Electricity Group Co Ltd	■					
Inner Mongolia Mengdian Huaneng Thermal Power Corp Ltd	■					
Inner Mongolia PingZhuang Energy Resources Co,Ltd	■					
Inner Mongolia Yitai Coal Co,Ltd	■					
Innoprise Plantations Bhd		■				
Inter RAO UES PJSC						■
Interfor Corp		■				
InterGen NV	■					
International Paper Co		■				
Interprovincial Pipe Line System, Inc	■					
Interstate Power & Light Co	■					
Intra Energy Corp Ltd	■					
IOI Corp Bhd		■				
IOI Investment Labuan Bhd		■				





























Company name						
IPALCO Enterprises, Inc	■					
IPL Energy, Inc	■					
Irkut Corporation						■
Irkutskenergo JSC						■
Island Group Enterprises				■		
Island Ordnance Systems LLC				■		
Island Pyrochemical Industries Corp				■		
Israel Aerospace Industries Ltd				■		
ITC doo				■		
ITC Ltd			■			
Jacobs Engineering Group Inc				■		
Japan Petroleum Exploration Co, Ltd	■					
Japan Tobacco Inc			■			
Jastrzebska Spółka Weglowa SA	■					
Jaya Tiasa Holdings Bhd		■				
JERA Co, Inc	■					
Jerusalem Cigarette co LTD			■			
Jiangsu Guoxin Corp Ltd	■					
Jindal Steel & Power Ltd	■					
Jinneng Holding Equipment Manufacturing Group Co Ltd	■					
Jinneng Holding Power Group Co, Ltd	■					
Jinneng Holding Shanxi Coal Industry Co, Ltd	■					
Jinneng Holding Shanxi Electric Power Co, Ltd	■					



























Company name						
Jinneng Holdings Coal Industry Group Co, Ltd						
Jionto Energy Investment Co, Ltd Hebei						
Jizhong Energy Resources Co, Ltd						
JSC HC SDS						
JSC HC SDS-Ugol						
JSC SUEK Group						
JSC Ural Mining Metallurgical Co						
JSW Energy Ltd						
JSW Hydro Energy Ltd						
JT International Financial Services BV						
Kaha Company for Chemical Industries						
Kailuan (Group) Ltd Liability Corp						
Kaman Corp						
KAMAZ PTC						
Kangaroo Resources Pty Ltd						
Kansas City Power & Light Co						
Karelia Tobacco Co, Inc						
Kazanorgsintez PJSC						
Keck Seng (Malaysia) Bhd						
Kencana Agri Ltd						
Kentucky Utilities Co						
Kern River Funding Corporation						
Keystone Power Pass-Through Holders LLC						







Company name						
Khyber Tobacco Co Ltd						
Kim Loong Resources Bhd						
Kinetic Mines & Energy Ltd						
Kingmans Resources						
Kluang Rubber Co (Malaya) Bhd						
KLX Inc						
Korea Defense Industry Corp						
Korea East-West Power Co, Ltd						
Korea Electric Power Corporation						
Korea Midland Power Co, Ltd						
Korea South-East Power Co, Ltd						
Korea Southern Power Co, Ltd						
Korea Western Power Co, Ltd						
Korvet AK OAO						
Kraspharma PJSC						
Kretam Holdings Bhd						
KT&G Corp						
Kuala Lumpur Kepong Bhd						
KUB Malaysia Bhd						
KuibyshevAzot PJSC						
Kulim (Malaysia) Bhd						
Kumpulan Fima Bhd						
Kunlun Energy Co Ltd						






























Company name						
Kuzbasskaya Toplivnaya Kompaniya PJSC						
Kwantas Corp Bhd						
Kyushu Electric Power Co, Inc						
L&T Finance Holdings Ltd						
L&T Technology Services Ltd						
Labrador Aviation Finance Ltd						
Lam Soon (Thailand) Public Co Ltd						
Larsen & Toubro Infotech Limited						
Larsen & Toubro Limited						
Leidos Holdings Inc						
Leidos, Inc						
Lenta International PJSC						
Leonardo Spa						
Leonardo US Holding, Inc						
LG&E & KU Energy LLC						
LIG Corp						
LIG Nex1 Co Ltd						
Listrindo Capital BV						
LLPL Capital Pte Ltd						
LM Group Holding A/S						
Lockheed Martin Corp						
Lorillard, LLC						
Los Angeles Department of Water & Power (California)						






























Company name						
Louisville Gas & Electric Co						
LSR Group PJSC						
LT Group, Inc						
Lubelski Wegiel Bogdanka SA						
Lukoil Capital DAC						
LUKOIL International Finance B.V.						
LUKOIL Securities BV						
M.video PJSC						
Magnit PJSC						
Magnitogorsk Iron & Steel Works PJSC						
Mahanadi Coalfields Ltd						
Maharashtra State Power Generation Co Ltd						
Mainova AG						
Makina Ve Kimya Endustrisi Kurumu						
Malakoff Corp Bhd						
Manila Electric Co						
Manufacturing Engineering Scientific Industrial Concern OJSC						
MAXAMCorp Holding SL						
Maxamcorp International SL						
Maxim Power Corp						
Mecar SA						
Mechel PAO						
MEG Energy Corp						

Company name						
Mentiga Corp Bhd						
Metalloinvest Finance DAC						
Metalloinvest Holding Co. JSC						
Metro Pacific Investments Corp						
Mewah International Inc						
Mexico Generadora de Energia S de RI						
MGE Energy Inc						
MHC Plantations Bhd						
MIC NPO Mashinostroyenia JSC						
MidAmerican Energy Co						
MidAmerican Energy Holdings Co						
Military Industry Corp						
Mil-spec Industries Corp						
Mindtree Ltd						
Minejesa Capital BV						
MKH Bhd						
MMC Finance DAC						
MMC Norilsk Nickel PJSC						
MMK International Capital DAC						
Mobile TeleSystems PJSC						
Mong Duong Finance Holdings BV						
Moscow City Telephone Network PJSC						
Moscow Exchange MICEX-RTS PJSC						






























Company name						
Moscow Industrial Bank PC JSCB						
Mosenergo OAO						
Motovilicha plants PJSC						
MP Evans Group plc						
MTN (Mauritius) Investments Ltd						
MTN Group Limited						
MTS Bank PJSC						
MTS International Funding Ltd.						
NACCO Industries Inc						
Namunukula Plantations PLC						
Nan Nan Resources Enterprise Ltd						
Narendra & Co						
National Development Complex						
National Engineering & Scientific Commission						
National Presto Industries Inc						
National Technology & Engineering Solutions of Sandia LLC						
Natural Resource Partners LP						
Nava Bharat Ventures Ltd						
Navajo Transitional Energy Co LLC						
Naval Group SA						
Negri Sembilan Oil Palms Bhd						
Nevsun Resources Ltd						
New Britain Palm Oil Ltd						






























Company name						
New Hope Corp Ltd	■					
Newfoundland Light & Power Ltd	■					
Nexter Systems SA						■
Ngan Son JSC			■			
NGC Corp Capital Trust I	■					
Nikotiana BT Holding AD			■			
Nishat Mills Ltd	■					
NiSource Finance Corp	■					
NiSource Inc	■					
Nityanand Udyog Pvt Ltd						■
Niveus Investments Ltd	■					
Nizhnekamskneftekhim PJSC						■
NLC India Ltd	■					
North Western Energy Management Co. OJSC						■
Northern Coalfields Ltd	■					
Northern Electric Finance Plc	■					
Northern Electric Plc	■					
Northern Lights 3 BV						■
Northern Natural Gas Co	■					
Northern Powergrid (Yorkshire) Plc	■					
Northern Powergrid Holdings Co	■					
Northern States Power Co	■					
Northrop Grumman Corp						■






















Company name						
Northrop Grumman Innovation Systems, Inc						
Northrop Grumman Systems Corp						
NorthWestern Corp						
NOVA Gas Transmission Ltd						
Nova Scotia Power, Inc						
Novatek Finance DAC						
NOVATEK JSC						
Novolipetsk Steel						
Novorossiysk Commercial Sea Port PJSC						
Novosibirsk Chemical Concentrates Plant JSC						
NPC Resources Bhd						
NPO Nauka PJSC						
NRG Canal 3 Development LLC						
NRG Energy, Inc						
NTC Industries Ltd						
NTPC Limited						
NV Energy, Inc						
OAO UK Kuzbassrazrezugol						
Obneftegazgeologia PJSC						
Obsidian Energy Ltd						
OCI Co, Ltd						
OGE Energy Corp						
Oglethorpe Power Corp						







Company name						
Oil Co. LUKOIL PJSC						
Oji Holdings Corp						
O'Key Group SA						
Oklahoma Gas & Electric Co						
Old ANR LLC						
Old Holdco, Inc						
OPG Power Ventures PLC						
OR GROUP PJSC						
Ordtech Military Industries (OMI)						
Oriental Holdings Bhd						
Origin Energy Finance Ltd						
Origin Energy Ltd						
Oshkosh Corp						
OTCPharm PJSC						
Otter Tail Corp						
Ozon Holdings Plc						
PacifiCorp						
Pakistan Ordnance Factories						
Pakistan Tobacco Co Ltd						
Palmci SA						
PAO Koks						
Pardee Resources Co						
Peabody Energy Corp						

Company name						
Pengrowth Energy Corp	█					
Petro-Canada	█					
PetroChina Co Ltd						
Petróleos de Venezuela SA						
PGE Górnictwo i Energetyka Konwencjonalna SA	█					
PGE Polska Grupa Energetyczna SA	█					
PGE Sweden AB	█					
Pha Lai Thermal Power JSC	█					
Pharmacy Chain 36.6 PJSC						█
Pharmstandard PJSC						█
Phelps Dodge Corp.						
Philip Morris (Pakistan) Ltd				█		
Philip Morris CR as				█		
Philip Morris International Inc				█		
Philip Morris Operations AD				█		
Phosagro Bond Funding Ltd.						█
PhosAgro PJSC						█
PIK-specialized homebuilder PJSC						█
Pinehill Pacific Bhd		█				
Pingdingshan Tianan Coal Mining Co, Ltd	█					
Pinnacle West Capital Corp	█					
PK Borets OOO						█
PLS Plantations Bhd		█				






























Company name						
Plum Creek Timberlands, LP						
PNM Resources, Inc						
Polymetal International PLC						
Polymetal JSC						
Polyus Finance Plc						
Polyus PJSC						
Poongsan Corporation						
Poongsan Holdings Corporation						
Portland General Electric Co						
Power Assets Holdings Ltd						
PPB Group Bhd						
PPL Capital Funding, Inc						
PPL Corp						
PPL WEM Ltd						
Prakash Industries Ltd						
Presco PLC						
Pretis dd						
Production Association Northern Machine-Building Enterprise						
Protek PJSC						
PSI Energy, Inc						
PT ABM Investama Tbk						
PT Adaro Energy Tbk						
PT Adaro Indonesia						

Company name						
PT Astra Agro Lestari Tbk						
PT Astra International Tbk						
PT Atlas Resources Tbk						
PT Austindo Nusantara Jaya Tbk						
PT Bakrie Sumatera Plantations Tbk						
PT Baramulti Suksessarana Tbk						
PT Bayan Resources Tbk						
PT Bentoel International Investama Tbk						
PT Bukit Asam Tbk						
PT Bumi Resources Tbk						
PT Cikarang Litrindo Tbk						
PT Dharma Satya Nusantara Tbk						
PT Dian Swastatika Sentosa Tbk						
PT Eagle High Plantations Tbk						
PT Eksploitasi Energi Indonesia Tbk						
PT Golden Eagle Energy Tbk						
PT Gozco Plantations Tbk						
PT Gudang Garam Tbk						
PT Hanjaya Mandala Sampoerna Tbk						
PT Harum Energy Tbk						
PT Indah Kiat Pulp & Paper Tbk						
PT Indika Energy Tbk						
PT Indo Tambangraya Megah Tbk						







Company name						
PT Indofood Sukses Makmur Tbk						
PT Indonesia Asahan Aluminium (Persero)						
PT Indonesian Tobacco Tbk						
PT Jaya Agra Wattie Tbk						
PT Mitrabara Adiperdana Tbk						
PT Multi Agro Gemilang Plantation Tbk						
PT Musim Mas-Fuji						
PT Paiton Energy Co						
PT Perusahaan Listrik Negara (Persero)						
PT Perusahaan Listrik Negara (Persero) Cilegon						
PT Perusahaan Perkebunan London Sumatra Indonesia Tbk						
PT Provident Agro Tbk						
PT Resource Alam Indonesia Tbk						
PT Salim Ivomas Pratama Tbk						
PT Sampoerna Agro Tbk						
PT Sawit Sumbermas Sarana Tbk						
PT Sinar Mas Agro Resources & Technology Tbk						
PT Sinar Mas Group						
PT Toba Bara Sejahtera Tbk						
PT Trada Alam Minera Tbk						
PT Tunas Baru Lampung Tbk						
PT United Tractors Tbk						
PT Wismilak Inti Makmur Tbk						

Company name						
Public Power Corp SA	█					
Public Service Company of Colorado	█					
Public Service Company of New Mexico	█					
Public Service Company of Oklahoma	█					
Puget Energy Inc	█					
Puget Sound Energy, Inc	█					
Puncak Niaga Holdings Bhd		█				
Pyxus International, Inc			█			
QIWI PLC						█
QL Resources Bhd		█				
Raduga State Machine-Building Design Bureau JSC						█
Railways of Yakutia JSC						█
Rasporskaya PJSC						█
Ratch Group Public Co Ltd	█					
RATCH-Australia Corp Ltd	█					
Raytheon Co				█		
Raytheon Missiles & Defense				█		
Raytheon Technologies Corp				█		
REA Finance BV		█				
REA Holdings plc		█				
Reinet Investments SCA			█			
Reliance Power Ltd	█					
Reynolds American Inc			█			

Company name						
RGS (AEGCO) Funding Corp	■					
RGS I&M Funding Corp	■					
RH International (Singapore) Corp Pte Ltd	■					
Rheinmetall AG				■		
Rhino Resource Partners LP	■					
Rimbunan Sawit Bhd		■				
Riverview Rubber Estates Bhd		■				
Rockwell Collins, Inc				■		
Roketsan Roket Sanayii ve Ticaret AS				■		
Ros Agro PLC						■
Rosan Resources Holdings Ltd	■					
Rosatom State Atomic Energy Corp						■
Rosneft Oil Co.						■
Rosneftegaz JSC						■
Rosoboronexport JSC						■
Rosprom						■
Rosseti Centre & Volga Region PJSC						■
Rosseti Lenenergo PJSC						■
ROSSETI PJSC						■
Rosseti Volga PJSC						■
Rostec Corporation						■
Rostelecom PJSC						■
Rusal Capital DAC	■					







Company name						
Russia Ministry of Finance						
Russian Helicopters JSC						
Russian Railways OJSC						
RussNeft PJSC						
RWE AG						
Sabal Trail Transmission LLC						
Safran SA						
Sakr Factory for Developed Industries						
Samolet Group PJSC						
Samruk-Energy JSC						
Samyang Chemical Co, Ltd						
Sarawak Oil Palms Bhd						
SARAWAK Plantation Bhd						
Sasol Financing International Ltd						
Sasol Financing USA LLC						
Sasol Ltd						
Saymar Ltd						
SB Capital S.A.						
Sberbank Russia PJSC						
SCANA Corp						
Scandinavian Tobacco Group A/S						
SCF Capital Ltd.						
Scientific Production Association Bazalt JSC						

Company name						
Scope Industries Bhd						
SDIC Power Holdings CO, LTD						
SDS-Ugol Holding Co OAO						
Segezha Group PJSC						
Seligdar OAO						
Sembcorp Industries Ltd						
Semirara Mining & Power Corp						
Seriti Coal Pty Ltd						
Seriti Power						
Seriti Resources Holdings Pty Ltd						
Severstal PAO						
SFTUE Belpetsvneshtekhnika						
Shaanxi Coal & Chemical Industry Group Co, Ltd						
Shaanxi Coal Industry Co, Ltd						
Shaanxi Investment Group Co. Ltd.						
Shaanxi Yulin Energy Group Co Ltd						
Shan Xi Hua Yang Group New Energy Co Ltd						
Shandong Energy Group Co, Ltd						
Shandong Sunpaper Co, Ltd						
Shanghai Datun Energy Resources Co, Ltd						
Shanghai Electric Power Co, Ltd						
Shanghai Electric Power Finance Ltd						
Shanghai Industrial Holdings Ltd						






























Company name						
Shanxi Coal International Energy Group Co Ltd	■					
Shanxi Coking Co,Ltd	■					
Shanxi Coking Coal Energy Group Co, Ltd	■					
Shanxi Coking Coal Group Co Ltd	■					
Shanxi Huayang Group New Energy Co Ltd	■					
Shanxi Lanhua Sci-Tech Venture Co Ltd	■					
Shanxi Lu'an Environmental Energy Development Co Ltd	■					
Shanxi Lu'An Mining Industry Group Co, Ltd	■					
Shenergy (Group) Co, Ltd	■					
Shenergy Co, Ltd	■					
Shenzhen Energy Group Co, Ltd	■					
Shikoku Electric Power Co, Inc	■					
Siberian Coal Energy Co. JSC						■
Siberian Generation Co						■
SIBUR Holding JSC						■
SIBUR Securities DAC						■
Sichuan Aerospace Industrial Group Co, Ltd				■		
Sierra Pacific Power Co	■					
Sime Darby Plantation Sdn Bhd		■				
Sin Heng Chan (Malaya) Bhd		■				
Sinnar Bidi Udyog Ltd			■			
Sinopec Capital (2013) Ltd	■					
Sinopec Capital Ltd	■					







Company name						
SINOPEC Engineering (Group) Co Ltd						
Sinopec Group Overseas Development (2012) Ltd						
Sinopec Group Overseas Development (2013) Ltd						
Sinopec Group Overseas Development (2014) Ltd						
Sinopec Group Overseas Development (2015) Ltd						
Sinopec Group Overseas Development (2016) Ltd						
Sinopec Group Overseas Development (2017) Ltd						
Sinopec Group Overseas Development (2018) Ltd						
Sinopec Group Overseas Development Ltd						
Sinopec Kantons Holdings Ltd						
Sinopec Oilfield Service Corp						
Sinopec Shanghai Petrochemical Co Ltd						
Sinopec Yizheng Chemical Fibre Co, Ltd /Fiber Ops/						
Sintez of Kurgan OAO						
SIPEF SA/NV						
Sistema PJSFC						
SITAB						
Slantse Stara Zagora Tabac AD						
SMC Global Power Holdings Corp						
SNT DYNAMICS Co, Ltd						
SNT Holdings Co, Ltd						
Socfinaf SA						
Socfinasia SA						

Company name						
Société Camerounaise de Palmeraies SA						
Société de Caoutchoucs de Grand-Bereby						
Société Financière des Caoutchoucs SA						
Solid Partners Sdn Bhd						
Sollers Auto PJSC						
South Eastern Coalfields Ltd						
Southern Acids (Malaysia) Bhd						
Southern Company Gas Capital Corp						
Southern Copper Corporation						
SouthGobi Resources Ltd						
Southstone Minerals Ltd						
Southwestern Electric Power Co						
Southwestern Public Service Co						
Sovcombank PJSC						
Sovcomflot OJSC						
Spectra Energy Corp						
Spectra Energy Partners, LP						
SPIC 2016 US Dollar Bond Co Ltd						
SPIC 2018 USD Senior Perpetual Bond Co Ltd						
SPIC Dongfang New Energy Corp						
Splav State Research & Production Association Fsue						
SSMS Plantation Holdings Pte Ltd						
Standard Diversified, Inc						






























Company name						
State Development and Investment Corp (SDIC)	■					
State Power Investment Corp, Ltd	■					
State Space Corp Roscosmos						■
Steel Capital S.A.						■
Steel Funding DAC						■
Stella-Jones Inc		■				
Sterling Plantations Ltd		■				
STG Global Finance BV			■			
Stratus Capital Plc				■		
Subur Tiasa Holdings Bhd		■				
SUEK-FINANS OOO						■
Suek-Kuzbass OAO						■
Suncor Energy Inc	■					
Suncor Energy Ventures Holding Corporation	■					
Sundiro Holding Co Ltd	■					
Sungei Bagan Rubber Co (Malaya) Bhd		■				
Sunpower Group Ltd	■					
Sunshine Holdings PLC		■				
Sunshine Oilsands Ltd	■					
Surgutneftegas PJSC						■
Swedish Match AB			■			
Synchrony Credit Card Master Note Trust 2017-2				■		
Synchrony Credit Card Master Note Trust 2018-2				■		







Company name						
Synchrony Credit Card Master Trust 2016-2						
Synthetic Moulders Ltd						
T Plus PJSC						
Ta Ann Holdings Bhd						
Tactical Missiles Corp JSC						
Taiwan Cement Corp						
Talen Energy Corp						
Talen Energy Supply LLC						
Tantal PJSC						
Tanzania Cigarette Co Ltd						
Tasko Corp						
TATA Advanced Systems Ltd						
Tata Consultancy Services Ltd						
Tata Investment Corp Ltd						
Tata Sons Private Limited						
Tatneft PJSC						
TAURON Polska Energia SA						
TBB Aviation, Inc						
TBLA International Pte Ltd						
TC Energy Corp						
TC PipeLines, LP						
TCC International Holdings Ltd						
TCS Group Holding PLC						

Company name						
TDM Bhd						
Tebian Electric Apparatus Stock Co, Ltd						
Teck Resources Ltd						
TECO Energy, Inc						
Tenaga Nasional Bhd						
Tennessee Valley Authority						
Terasen Gas, Inc						
TERRA MAURICIA Ltd						
TerraCom Ltd						
Territorial Generating Co No 1 PJSC						
Texas Competitive Electric Holdings Co LLC						
Textron Financial Corp						
Textron Inc						
Textron Systems Corp						
TH Plantations Bhd						
Thales SA						
The AES Corp						
The Boeing Company						
The Chugoku Electric Power Co, Inc						
The Day & Zimmermann Group, Inc						
The Hongkong Electric Co, Ltd						
The Indian Ordnance Factories Organisation						
The Israel Electric Corp Ltd						


Company name						
The Kansai Electric Power Co, Inc	█					
The Lanna Resources Public Co, Ltd	█					
The Okinawa Electric Power Co, Inc	█					
The Okomu Oil Palm Co PLC		█				
The Second Generation Co of the Wholesale Power Market PJSC						█
The Singareni Collieries Co Ltd	█					
The Southern Co	█					
The Tata Power Company Limited	█			█		
The United Shipbuilding Corp						█
Thungela Resources Ltd	█					
Tian Chang Group Holdings Ltd			█			
Tinkoff Bank JSC						█
TMK Capital S.A.						█
TMK PAO						█
TNB Global Ventures Capital Bhd	█					
Tohoku Electric Power Co, Inc	█					
Top Energy Co Ltd Shanxi	█					
Torrent Power Ltd	█					
TPI Polene Power Public Co, Ltd	█					
TPI Polene Public Co Ltd	█					
Trailer KAMAZ, Inc.						█
TransAlta Corp	█					
TransCanada PipeLines Ltd	█					

Company name						
TransCanada Trust	█					
Transneft PJSC						█
Transsignalstroy OAO						█
Tri-State Generation & Transmission Association, Inc	█					
TSH Resources Bhd		█				
Tucson Electric Power Co, Inc	█					
Tupolev PJSC						█
Turkish Coal Enterprise	█					
Turning Point Brands Inc				█		
Tutunski Kombinat AD Prilep				█		
UIE Plc		█				
Unicorn Capital Partners Ltd	█					
Union Electric Co	█					
Union Electric Co (Old)	█					
Union Gas Ltd	█					
Union Investment Corp				█		
Union Tobacco & Cigarette Industries Co				█		
Unipro PJSC						█
UNIS-Group doo				█		
United Aircraft Corp. PJSC						█
United Co RUSAL Plc						█
United Malacca Bhd		█				
United Palm Oil Industry Public Co Ltd		█				

Company name						
United Plantations Bhd						
United Technologies Corp						
Univanich Palm Oil Public Co, Ltd						
Universal Coal PLC						
Universal Corp						
Uralkali PJSC						
USBid, Inc						
USM Holdings						
Vapor Group, Inc						
VEB Finance Plc						
Vector Group Ltd						
Vichitbhan Palmoil PCL						
Viesgo Infraestructuras Energéticas SL						
Vietnam Electricity Corp (EVN)						
Vinacomin - Mong Duong Coal JSC						
Vinacomin - Vang Danh Coal JSC						
Vinacomin Cao Son Coal JSC						
Vinacomin Coc Sau Coal JSC						
Vinacomin Deo Nai Coal JSC						
Vinacomin Nui Beo Coal JSC						
Vinacomin-Ha Tu Coal JSC						
Virginia Electric & Power Co						
Vistra Corp						

Company name						
Vistra Operations Co LLC	■					
VK Co., Ltd.						■
Votkinsky Zavod JSC						■
Vozrozhdenie Bank PJSC						■
VPR Brands LP			■			
VSMPO-AVISMA Corp. PJSC						■
VST Industries Ltd			■			
VTB Bank PJSC						■
VTB Capital SA						■
VTB Eurasia DAC						■
Wah Industries Ltd				■		
Walchandnagar Industries Ltd				■		
Washington H Soul Pattinson & Co Ltd	■					
Watawala Plantations PLC		■				
WBPARTS, Inc				■		
WEC Energy Group, Inc	■					
Wescoal Holdings Ltd	■					
West Indian Tobacco Co Ltd			■			
Westcoast Energy, Inc	■					
Western Coalfields Ltd	■					
Westmoreland Coal Co	■					
Westmoreland Mining Holdings LLC	■					
Weyerhaeuser Co		■				

Company name						
White Energy Co Ltd	█					
Whitehaven Coal Ltd	█					
Willamette Industries, Inc		█				
Wilmar International Limited		█				
Wintime Energy Co,Ltd	█					
Wisconsin Electric Power Co	█					
Wisconsin Energy Corp	█					
Wisconsin Power & Light Co	█					
Wisconsin Public Service Corp	█					
WTK Holdings Bhd		█				
X5 Retail Group NV						█
Xcel Energy Inc	█					
XTO Energy, Inc	█					
Yancoal Australia Ltd	█					
Yancoal International Resources Development Co, Ltd	█					
Yandex N.V.						█
Yankuang Group Co, Ltd	█					
Yanzhou Coal Mining Co Ltd	█					
Yee Lee Corp Bhd		█				
Yorkshire Electricity Group Plc	█					
Yorkshire Power Finance Ltd	█					
Yugoimport-SDPR				█		
Zespol Elektrowni Patnow-Adamow-Konin SA	█					

Company name						
Zhejiang Energy Group Co, Ltd	■					
Zhejiang Hangmin Co, Ltd	■					
Zhejiang Provincial Energy Group Finance Co Ltd	■					
Zhejiang Southeast Electric Power Co, Ltd	■					
Zhejiang Zheneng Electric Power Co Ltd	■					
Zhengzhou Coal Industry & Electric Power Co, Ltd	■					
Zijin International Capital Co Ltd						
Zijin Mining Group Company Limited						
Zodiac Aerospace SA						■