

Excluded Investments

January 2025

Investment exclusions form an integral part of Danske Bank's approach to responsible investments. They serve to safeguard our customers' assets and enhance the risk-adjusted return on our investments, but also to reduce our investments' negative impact on society.

Investment products managed by Danske Bank therefore to a large extent apply exclusions as an integral part of their strategies. The level of exclusions that apply varies depending on the specific strategy under management as we strive to design our investment product offering so that it caters for the different preferences of the customers. All investment products that are promoted with exclusions as an integral part of the investment strategy apply a combination of base exclusions considering a combination of environmental as well as social and governance related aspects. These exclusions cover exclusions relating to:

- Minimum social, environmental standards and good governance exclusions under our [Enhanced Sustainability Standards](#) (incl. country exclusions)
- [Peat Fired Power Generation](#)
- [Tar Sands](#)
- [Thermal Coal](#)
- [Controversial weapons](#)
- [Tobacco](#)

For Danske Invest branded products under management these base exclusions are supplemented by standard exclusions on [Pornography](#). All Danske Invest branded products marketed towards our Norwegian customers also always have exclusions, [SPU Exclusions](#), replicating those of the Norwegian Bank (Statens Pensjons Utland). For certain investment products we apply an even more extended range of exclusions, covering not only the exclusions listed above, but in addition a combination of some or all exclusions relating to:

- [Alcohol](#)
- [Gambling](#)
- [Military equipment](#)
- [Fossil fuels](#)

Specific investments covered by thermal coal exclusions or fossil fuel exclusions may be exempted from exclusions in accordance with the principles set out in the Exclusion Instruction. Also, the Responsible Investment Committee may in extraordinary cases decide to allow for an investment product to stay invested in a investment otherwise excluded by the product. You will find an overview on all exemptions [here](#).

Investment products making sustainable investments meet our restricted criteria defined for the so-called "principal adverse impact indicators" in respect to these investments. We refer to these restricted criteria as [PAI-Exclusions](#). For those investment products that invest partially in sustainable investments, the PAI-exclusions only apply to those investments. For investments products investing with the objective to invest only in sustainable investments, the PAI-Exclusions apply to the full product.

Further information on the exclusions mentioned in this document is available through the descriptions of the relevant categories, activities, criteria, scope and thresholds in the Danske Bank [Exclusion Instruction](#) under [Sustainability related disclosures \(danskebank.com\)](#).

The screening of companies and other issues covered by the exclusions is carried out at a bi-annual basis resulting in updated exclusion lists under each category. For that purpose we primarily use external data sources, which are continuously assessed by Danske Bank's Responsible Investment team. Despite thorough due diligence and efforts to ensure data accuracy, completeness, and reliability, there may however still be a margin of error associated to the screening due to data inconsistencies.

The exclusion lists cover direct investments in instruments (e.g. equity, bonds) issued by the respective companies and issues, this also includes sustainability labelled bonds issued by excluded issuers. Affiliation to an excluded issuer does in principle not trigger an exclusion of other issuers. Sovereign based exclusions can also capture other related issuers such as state-owned enterprises. The exclusion lists do not cover indirect exposures to the issuers gained via the use of derivatives.

This document reflect the currently applicable exclusion lists under each exclusion category. This means that companies/issuers mentioned on each of the lists with a few exemptions or non-investable for those products that apply the relevant exclusions corresponding to that list. Due to market conditions and client interests, some listed companies/countries may still be present in portfolios but are targeted for divestment.

Exemptions from exclusions may be granted to certain issuers if justified by fiduciary duties and approved per internal governance. Relevant issuers are noted at the end of the document, along with information on companies identified as transition cases per the thermal coal and fossil fuel exclusions.

Exclusions applicable to all investment products promoting exclusions in investment strategies

Enhanced Sustainability Standards

The enhanced sustainability standards screening is Danske Bank's proprietary screening model that supports the exclusion of certain companies/issuers engaged in certain activities and conduct deemed harmful to society. The exclusions apply fully to all investment products and pension products manufactured within Danske Bank disclosing this to investors.

The enhanced screening is a multidimensional process assessing both environmental materiality as well as social materiality in order to promote adherence to UN Global Compact, principles, OECD Guidelines for Multinational Enterprises, UN Guiding Principles on Business and Human Rights and ILO conventions and other relevant environmental or social safeguards by its exclusions.

The screening also seeks to capture certain other activities indicating weak sustainability practices (in particular) by addressing controversies and Danske Bank Position Statements as well as weak governance practices governance practices are addressed through the good governance test outlined below.

The Enhanced Sustainability Standards screening process currently consists of three sub-processes:

1. [Incident & Event-based Screening](#)
2. [Good Governance](#)
3. [Country Assessment](#)

Incident & Event Based Screening

Incident & Event-based Screening	Disputed weaponry or arms trade	Biodiversity impacts	Cannabis	Harmful environmental practices	Corruption	Labour practices	Health & Safety issues	Human rights issues	Affiliated with Russia	Product safety	Tax practices	Governance & controls
Company												
Abrau-Durso PJSC									X			
AcBel Polytech, Inc.						X						
Acron PJSC									X			
Adani Abbot Point Terminal Pty Ltd.				X								
Adani Enterprises				X				X				
Adani Green Energy				X								
Adani Ports & Special Economic Zones				X				X				
Aeroflot PJSC									X			
Aganftegazgeologia OAO									X			
Agrofirma Mcenskaya OAO									X			
Alfa-Bank									X			
Almaz-Antei PAO									X			
Alrosa PJSC									X			
ALROSA-Nyurba PJSC									X			
Aphria	X											
Archer-Daniels Midland Co.		X		X								
Arktikneftegazstroy OAO									X			
Aselsan Elektronik Sanayi ve Ticaret AS	X											
Atomic Energy Power Corp.	X											
Avangard Bank PJSC									X			
Avary Holding [Shenzhen] Co., Ltd.						X						
AviChina Industry & Technology	X											
Elutia										X		
Babcock International Group Plc	X											
Bajaj Hindustan Sugar.				X								
Bamtonnelstroy									X			
Bank Otkritie Financial Corp OJSC Via OFCB Capital PLC									X			

Incident & Event-based Screening	Disputed weaponry or arms trade	Biodiversity impacts	Cannabis	Harmful environmental practices	Corruption	Labour practices	Health & Safety issues	Human rights issues	Affiliated with Russia	Product safety	Tax practices	Governance & controls
Company												
China Evergrande Group												X
China National Nuclear Corp.	X											
China National Petroleum Corporation (CNPC)						X						
China Northern Rare Earth (Group) High-Tech Co Ltd				X								
China Shipbuilding Industry Co., Ltd.	X											
China Traditional Chinese Medicine Holdings Co. Ltd.		X										
Chrezvichainaia strahovaia co CHSK OAO									X			
CNOOC Canada, Inc.		X		X								
CNOOC Curtis Funding No. 1 Pty.		X		X								
CNOOC Finance (2003) Ltd.		X		X								
CNOOC Finance (2011) Ltd.		X		X								
CNOOC Finance (2012) Ltd.		X		X								
CNOOC Finance (2013) Ltd.		X		X								
CNOOC Finance (2014) ULC		X		X								
Cnooc Finance (2015) Australia Pty.		X		X								
CNOOC Finance (2015) U.S.A. LLC		X		X								
CNOOC		X		X								
Commercial Sea Port of Vladivostok									X			
Companhia Energetica De Minas Gerais (CEMIG)				X				X				
Conoco Funding Co.				X								
ConocoPhillips				X								
ConocoPhillips Australia Funding				X								
ConocoPhillips Canada Funding Co. I				X								
ConocoPhillips Canada Funding Co. II				X								
ConocoPhillips Co.				X								
CoreCivic Corp						X		X				
Credit Bank of Moscow PJSC									X			
Dalmoreprodukt									X			
Daqo New Energy Corp.						X						
DTE Energy Co				X								
Dushanzi Petrochemical Company						X						
Elbit Systems Ltd.	X											
Elektrostal OAO									X			
ElSewedy Electric Co		X										
Emera Inc				X								
Emera US Finance LP				X								
EN+ Group International PJSC									X			
Enbridge Inc				X				X				
ENEL RUSSIA PJSC									X			

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Company												
Energospecmontazh									X			
Energy Transfer Equity LP				X				X				
Energy Transfer Operating LP				X				X				
European Eltech PJSC									X			
Evergrande Property Services Group.												X
Evergreen Marine Corp Taiwan Ltd				X		X						
Evraz Plc									X			
Eximbank of Russia									X			
Export-Import Bank of India				X								
Exxon Mobil Corporation				X								
Far-Eastern Energy Co PJSC									X			
Far-Eastern Shipping Co PLC									X			
Federal Grid Co Unified Energy System PJSC									X			
First Pacific Company Limited				X								
Formosa Chemicals & Fibre Corp.						X						
Formosa Taffeta Co., Ltd.						X						
Freeport McMoRan				X				X				
Gaiskiy GOK OAO									X			
Gazkon PJSC									X			
Gazprom Gazoraspredelenie Syktyvkar AO									X			
Gazprom Neft PJSC									X			
Gazprom PJSC									X			
Gazprom PJSC Via Gaz Capital SA									X			
Gazprom PJSC via Gaz Finance PLC									X			
Gazprombank									X			
Gaz-service PJSC									X			
GAZ-Tek PJSC									X			
GCL New Energy Holdings Limited						X						
GCL Technology						X						
GCM Resources plc				X								
GenBank									X			
Genting Bhd		X										
Genting Plantations Berhad		X										
GEO Group						X		X				
Geotech Seismic Services PJSC									X			
Giprospeftgaz OAO									X			
Glencore		X		X							X	
Golden Agri-Resources Ltd								X				
Grand Pharmaceutical Group Ltd.		X										
Grupo Mexico SAB de CV				X		X						
Gruppa kompaniy kommunalnoy sfery PAO									X			
Gtlk Europe Capital DAC									X			

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Company												
Halcyon Agri Corp Ltd		X		X				X				
HALS-Development PJSC									X			
Haolangni Health Food Co., Ltd.						X						
Harmony Gold Mining Co Ltd						X						
Hexo Corp			X									
HIKVision								X				
Honeys Holding						X						
Hoshine Silicon Industry Co., Ltd.						X						
Hotel Kosmos OAO									X			
Huaihe Energy (Group) Co., Ltd.				X								
Human Stem Cells Institute PJSC									X			
Huntington Ingalls Industries, Inc.	X											
IDGC of Centre and Volga Region PJSC									X			
IDGC of the North-West PJSC									X			
IDGC of Urals JSC									X			
Imperial Oil Ltd				X								
Indofood Agri Resources Ltd.						X						
Ingosstrakh Insurance Co									X			
INGRAD OOO									X			
Inner Mongolia Baotou Steel Union		X										
Inter RAO UES PJSC									X			
INVEST-DEVELOPMENT PJSC									X			
IOI Corporation Berhad		X										
IOI Investment Labuan Bhd.		X										
Irkutskenergo PJSC									X			
Izhorskiye Zavody PJSC									X			
Jacobs Solutions, Inc.	X											
Jastrzebska Spolka Weglowa SA				X								
JBS Finance II Ltd.		X		X	X							
JBS SA		X		X	X							
JBS USA Finance, Inc.		X		X	X							
JBS USA LLC		X		X								
JG Summit Holdings, Inc.				X								
Jiangsu Guotai International Group						X						
Jiangxi Copper				X								
Jinko Solar Co						X						
Jinko Solar Holding Co Ltd						X						
Jointown Pharmaceutical Group								X				
JSC Kalashnikov									X			
Kalugaputmash									X			
Kaluzsky Plant of Automobile Electrical Equipment OAO									X			
Kamaz PJSC									X			
Kamchatskenergo PJSC									X			

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Company												
Khanty-Mansiyskdorstroy OAO									X			
KIBO Energy PLC				X								
Komi Energosbytovaya Co OAO									X			
Komitex JSC									X			
Korea Line Corp				X		X						
Korporatsiya Takticheskoe Raketnoe Vooruzhenie OAO									X			
Korporatsiya Takticheskoe Raketnoe Vooruzhenie OAO	X											
Korshynov Mining Plant PJSC									X			
Kovrovskiy Mekhanicheskiy Zavod OAO									X			
Krasfarma OAO									X			
Krasnoyarskenergosbyt PJSC									X			
Krasnoyarsknefteprodukt									X			
Krasnyj Ocyabr PJSC									X			
Kriogenmash PAO									X			
KTK Group Co., Ltd.						X						
Kuban Trunk Grid									X			
KuibyshevAzot PJSC									X			
Kurganskaya Generiruyushchaya Kompaniya PAO									X			
Kuzbasskaya Toplivnaya Co JSC									X			
Leidos Holdings, Inc.	X											
Leidos, Inc.	X											
Lengazspecstroy OAO									X			
Lens Technology Co Ltd						X						
Lenzoloto PJSC									X			
Li Ning Company Limited						X						
LSR Group PJSC									X			
LUKOIL PJSC									X			
Luthai Textile Co Ltd						X						
Luxshare Precision Industry Co Ltd						X						
M.Video PJSC									X			
Magadanenergo PJSC									X			
Magnit PJSC									X			
Magnitogorsk Iron & Steel Works									X			
Marathon Petroleum Corp				X				X				
Mechel PJSC									X			
MegaFon PJSC									X			
Metafrax OAO									X			
Metallurgical Corporation of China				X								
Mikron JSC									X			
Minerva SA		X										
MMC Norilsk Nickel PJSC									X			
Mobile TeleSystems PJSC									X			

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Company												
Press Metal Bhd.				X								
Priargunsky Industrial Mining and Chemical Union OAO									X			
Priisk Dambuki OAO									X			
Primorie Bank PJSC									X			
Proizvodstvennoye Ob Yedineniye Severnoye Mashinostroitel'noye Predpriyatiye AO									X			
Promsvyazbank									X			
PT Astra Agro Lestari Tbk		X						X				
PT Astra International Tbk		X						X				
PT Bakrie & Brothers Tbk				X								
PT Barito Pacific Tbk				X								
PT Indofood Sukses Makmur Tbk						X						
PT Perusahaan Perkebunan London Sumatra Indonesia Tbk						X						
PT Salim Ivomas Pratama Tbk						X						
PT Sawit Sumbermas Sarana Tbk		X										
Quadra Power Generation PJSC									X			
Raspadskaya OAO									X			
Red Rock Resorts, Inc.						X						
Renaissance Insurance Group JSC									X			
Rio Zim Ltd.				X								
Rosgosstrakh PJSC									X			
Rosneft Oil Co PJSC									X			
Rosseti Centre PJSC									X			
Rosseti Kuban PJSC									X			
Rosseti Lenenergo PJSC									X			
Rosseti Moscow Region PJSC									X			
Rosseti North Caucasus PJSC									X			
ROSSETI PJSC									X			
Rosseti Siberia PJSC									X			
Rosseti South PJSC									X			
Rosseti Volga PJSC									X			
Rostec									X			
Rostec State Corp	X											
Rostelecom PJSC									X			
Rostovoblغاز PJSC									X			
RusHydro PJSC									X			
Rusolovo PJSC									X			
Ruspolimet OJSC									X			
Russia Federation									X			
Russian Agricultural Bank									X			
Russian Agricultural Bank OJSC Via RSHB Capital SA									X			
Russian Aquaculture PJSC									X			
Russian Direct Investment Fund									X			

Incident & Event-based Screening	Disputed weaponry or arms trade	Biodiversity impacts	Cannabis	Harmful environmental practices	Corruption	Labour practices	Health & Safety issues	Human rights issues	Affiliated with Russia	Product safety	Tax practices	Governance & controls
Company												
Russian Railways JSC									X			
RussNeft PJSC									X			
Ryazan Energy Retail Co PJSC									X			
SAIC Motor Corp. Ltd						X						
Samaraenergo PJSC									X			
Samarco Mineracao SA				X								
Samolet Group									X			
Santos				X							X	
Saratovskiy Neftepererabatyvayushiy Zavod									x			
Sasol Financing International Plc				X								
Sasol Financing USA LLC				X								
Sasol Ltd				X								
Sberbank of Russia PJSC									X			
Sberbank of Russia Via SB Capital SA									X			
Segezha Group PJSC									X			
Seigdar PJSC									X			
Severalmaz PAO									X			
Severstal PAO									X			
SFI PJSC									X			
Shikun & Binui					X							
Sinotruk Hong Kong Ltd.	X											
Sistema PJSC									X			
SJVN Lmt.				X								
SK Holdings Co								X				
SK Innovation Co Ltd								X				
Slavneft-Megionneftegaz PPO OAO									X			
Slavneft-Megionneftegazgeologia OAO									X			
Slavneft-Yaroslavnfteorgsintez OJSC									X			
Shein				X		x						
SLC Agricola SA		X		X	X							
Sokol'skiy Pulp & Paper									X			
Solikamsk Magnesium Plant OJSC									X			
Sollers PJSC									X			
South32				X								
Southern Copper		X					X					
South-Kuzbass GRES OAO									X			
Sovcombank PJSC									X			
Sovcomflot PJSC									X			
SPB Exchange PJSC									X			
Sredneuralskiy Medeplavilnyy Zavod OAO									X			
Surgutneftegas PJSC									X			
Sysmanzoloto OAO									X			
Ta Ann Holdings Bhd		X							X			

Incident & Event-based Screening	Disputed weaponry or arms trade	Biodiversity impacts	Cannabis	Harmful environmental practices	Corruption	Labour practices	Health & Safety issues	Human rights issues	Affiliated with Russia	Product safety	Tax practices	Governance & controls
Company												
Taganrog Boiler-Making Works Krasny kotelshchik PJSC									X			
Tatneft PJSC									X			
Tattelecom PJSC									X			
TBEA				X								
TCS Group Holding PLC									X			
Texhong Textile Group Limited				X								
Texwinca Holdings Co						X						
TGC-1 PJSC									X			
TGC-2 PJSC									X			
TGK-14 PJSC									X			
The Boeing Company	X											
TNS energo Nizhny Novgorod									X			
TNS energo Rostov-on-Don									X			
TNS Energo Voronezh PJSC									X			
TNS energo Yaroslavl PJSC									X			
TNS Energos PJSC									X			
Tong Ren Tang Technologies		X										
Tongling Nonferrous Metals Group								X				
Toyo Ventures Holdings Bhd.				X								
TransFin-M PAO									X			
Transkapitalbank									X			
Trina Solar						X						
Tri-State Generation and Transmission Association Inc				X								
Tulachermet PAO									X			
Tulamashzavod									X			
Tulanefteprodukt PJSC									X			
Turquoise Hill Resources Ltd.											X	
Tutaev Motor Plant OAO									X			
Tverskoy Vagonostroitelny Zavod									X			
Uchalinskiy Gorno-Obogatitelny Kombinat OAO									X			
Udmurtneft OAO									X			
Ufaleynickel PJSC									X			
Ugol'naya Kompaniya Yuzhnyy Kuzbass PAO									X			
United Aircraft Corporation									X			
United Co RUSAL International									X			
United Credit Systems PJSC									X			
United Shipbuilding Corporation									X			
United Wagon Co PJSC									X			
Ural Bank for Reconstruction and Development									X			
Uralkhromed OAO									X			
Uralkali PJSC									X			

Incident & Event-based Screening	Disputed weaponry or arms trade	Biodiversity impacts	Cannabis	Harmful environmental practices	Corruption	Labour practices	Health & Safety issues	Human rights issues	Affiliated with Russia	Product safety	Tax practices	Governance & controls
Company												
UralSib Bank PJSC									X			
Uralskaya Kuznitsa OAO									X			
Uralvagonzavod									X			
UTair Aviation PJSC									X			
Vale SA				X								
Varyeganneftegaz PJSC									X			
Vedanta Limited				X				X				
Vedanta Resources Finance II Plc				X				X				
Vedanta Resources Jersey Ltd.				X				X				
Vedanta Resources				X				X				
Victory City International Holdings.						X						
VK Co Ltd									X			
Vnesheconombank Via VEB Finance									X			
Volcan Cia Minera SAA				X								
VSMPO-AVISMA Corp PJSC									X			
VTB Bank PJSC									X			
Vyborg Shipyard PAO									X			
Wilmar International Ltd		X		X								
Woodside Energy								X				
World Trade Center Moscow PJSC									X			
WTK Holdings Bhd				X								
X5 Retail Group NV									X			
Xinjiang Nonferrous Metal Industry Group						X						
Xinjiang Zhongthai Chemical						X						
Yakutsk Fuel-Energy									X			
Yakutskenergo									X			
YAmaltransstroj									X			
Youngor Group						X						
Yunnan Baiyao Group		X										
Yuzhno-Ural'skij nikelevyj kombinat									X			
Yuzhural-Asko PJSC									X			
Zavod Imeni VA Degtyareva OAO									X			
Zhen Ding Technology Holding						X						
Zijin International Capital Co				X								
Zijin International Finance Co				X								
Zijin Mining				X								
ZIL PJSC									X			
ZTE Corp					X							
Zuari Agro Chemicals				X								
Total excluded companies	23	49	1	104	6	46	1	35	243	1	10	2

Enhanced Sustainability Standards

Good Governance Exclusions

Criteria	Company	Company	Company
Good Governance Practices	ABC-MART, INC.	Fujicco Co., Ltd.	Skechers U.S.A., Inc.
Good Governance Practices	ARIAKE JAPAN Co., Ltd.	Japan Material Co., Ltd.	Skillz Inc.
Good Governance Practices	Converge Technology Solutions Corp.	M&A Capital Partners Co. Ltd.	SmartFinancial, Inc.
Good Governance Practices	Datang International Power Generation Co., Ltd.	Monarch Casino & Resort, Inc.	STEICO SE
Good Governance Practices	DONG SUH Companies Inc.	New China Life Insurance Company Ltd.	Toei Animation Co., Ltd.
Good Governance Practices	DoubleUGames Co., Ltd.	Rorze Corp.	Traction AB
Good Governance Practices	Everbright Securities Company Limited	S&U plc	Urban One, Inc.
Good Governance Practices	Evertz Technologies Limited	SBS Holdings, Inc.	Wacker Neuson SE
Good Governance Practices	Ferrotec Holdings Corp.	SillaJen, Inc.	Xinyi Glass Holdings Ltd.
Good Governance Practices			Zhaojin Mining Industry Co., Ltd.
Total excluded companies			28

Country Exclusions

Criteria	Country	Country	Country
Country Exclusions	Afghanistan	Equatorial Guinea	Niger
Country Exclusions	Bangladesh	Eritrea	North Korea
Country Exclusions	Belarus	Guinea	Russia
Country Exclusions	Burundi	Haiti	Somalia
Country Exclusions	Cambodia	Iran	South Sudan
Country Exclusions	Central African Republic	Liberia	Sudan
Country Exclusions	Chad	Libya	Syria
Country Exclusions	Cuba	Madagascar	Turkmenistan
Country Exclusions	Democratic Republic of Congo	Myanmar	Yemen
Total excluded countries			27

Peat-fired power generation

Peat is organic fuel consisting of spongy material formed by the partial decomposition of organic matter, primarily plant material, in wetlands.

Peat-fired power generation Company	Power generation
Neova Oy	X

Tar Sands

Tar sands, also known as oil sands, heavy oil, crude bitumen, or more technically bituminous sands, are a type of unconventional petroleum deposit. Tar sands are either loose sands or partially consolidated sandstone containing a naturally occurring mixture of sand, clay, and water, saturated with a dense and extremely viscous form of petroleum technically referred to as bitumen (or colloquially as tar due to its superficially similar appearance).

Tar Sands		
Company	Production	Services
Athabasca Oil Corporation	x	
Baytex Energy (LP) Ltd.	x	
Baytex Energy Corp.	x	
BlackPearl Resources, Inc.	x	
Canadian Natural Resources Limited	x	
Cenovus Energy Inc.	x	
CK Hutchison Capital Securities (17) Ltd.	x	
CK Hutchison Capital Securities (Europe) Ltd.	x	
CK Hutchison Europe Finance (18) Ltd.	x	
CK Hutchison Europe Finance (21) Ltd.	x	
CK Hutchison Finance (16) (II) Ltd.	x	
CK Hutchison Finance (16) Ltd.	x	
CK Hutchison Group Telecom Finance SA	x	
CK Hutchison Holdings Limited	x	
CK Hutchison International (16) Ltd.	x	
CK Hutchison International (17) II Ltd.	x	
CK Hutchison International (17) Ltd.	x	
CK Hutchison International (19) (III) Ltd.	x	
CK Hutchison International (19) Ltd.	x	
CK Hutchison International (20) Ltd.	x	
CK Hutchison International (21) Ltd.	x	
Ecopetrol SA	x	
Freehold Royalties Ltd.	x	
Harvest Operations Corp.	x	
Hutchison Whampoa Europe Finance (12) Ltd.	x	
Hutchison Whampoa Europe Finance (13) Ltd.	x	
Hutchison Whampoa Finance (03/13) Ltd.	x	
Hutchison Whampoa Finance (05) Ltd.	x	
Hutchison Whampoa Finance (06) Ltd.	x	
Hutchison Whampoa Finance (09) Ltd.	x	
Hutchison Whampoa Finance (14) Ltd.	x	
Hutchison Whampoa Finance (CI) Ltd.	x	
Hutchison Whampoa Finance UK Plc	x	
Hutchison Whampoa International (03/33) Ltd.	x	
Hutchison Whampoa International (09) Ltd.	x	
Hutchison Whampoa International (09/16) Ltd.	x	
Hutchison Whampoa International (09/19) Ltd.	x	
Hutchison Whampoa International (10) Ltd.	x	
Hutchison Whampoa International (11) Ltd.	x	
Hutchison Whampoa International (12) Ltd.	x	
Hutchison Whampoa International (14) Ltd.	x	
Hutchison Whampoa International 12 II Ltd.	x	
Imperial Oil Limited	x	
Japan Petroleum Exploration Co., Ltd.	x	
MEG Energy Corp.	x	
North West Redwater Partnership, Inc.	x	
PC Financial Partnership	x	
Pengrowth Energy Corporation	x	
Petroleos de Venezuela SA	x	

Tar Sands		
Company	Production	Services
Strata Power Corp.	x	
Strathcona Resources Ltd.	x	
Suncor Energy Inc.	x	
Sunshine Oilsands Ltd.	x	
Total excluded Companies		53

Thermal Coal

Thermal coal designates coal used by power plants and industrial steam boilers to produce electricity or process steam.

Thermal Coal Company	Coal extraction	Power generation
Aboitiz Equity Ventures, Inc.		X
Aboitiz Power Corp.		X
Abu Dhabi National Energy Co. PJSC		X
Adani Electricity Mumbai Ltd.		X
Adani Enterprises Limited	X	
Adani Power Limited		X
AES Andes SA		X
AES Argentina Generacion SA		X
AES El Salvador Trust II		X
AES Espana BV		X
African Rainbow Minerals Ltd.	X	
AGL Energy Limited		X
Agritrade Resources Limited	X	X
Aksa Enerji Uretim AS		X
Alabama Power Company		X
Albioma SA		X
ALLETE, Inc.	X	X
Alliance Holdings GP LP	X	
Alliance Resource Operating Partners LP	X	
Alliance Resource Partners LP	X	
Alliant Energy Corporation		X
Altius Minerals Corporation	X	
Ameren Corporation		X
American Electric Power Company, Inc.		X
Anhui Hengyuan Coal Industry & Electricity Power Co., Ltd.	X	X
Appalachian Power Co.		X
Arch Resources, Inc.	X	
Arizona Public Service Co.		X
Atlantic Power Corporation		X
Avista Corporation		X
Banpu Power Public Co. Ltd.		X
Banpu Public Company Limited	X	X
Bathurst Resources Limited	X	
Beijing Energy Investment Holdings Ltd.	X	X
Beijing Haohua Energy Resource Co., Ltd.	X	
Beijing Jingneng Power Co., Ltd.		X
Berkshire Hathaway Energy Co.		X
Bisichi Plc	X	
Black Hills Corporation	X	X
Brickworks Limited	X	
Bulgarian Energy Holding EAD	X	X
Bumi Investment Pte Ltd.	X	
Can2 Termik AS		X
Capital Power Corporation		X
CenterPoint Energy, Inc.		X
CESC Ltd.		X
CEZ as	X	X
China Coal Energy Company Limited	X	X
China Coal Xinji Energy Co., Ltd.	X	X
China Huadian Corp., Ltd.	X	X
China Huadian Overseas Development 2018 Ltd.	X	X
China Huadian Overseas Development Management Co., Ltd.	X	X
China Huaneng Group Co., Ltd.	X	X
China Longyuan Power Group Corp. Ltd.		X
China Power International Development Limited		X
China Qinfa Group Limited	X	

Thermal Coal		
Company	Coal extraction	Power generation
China Resources Power Holdings Co., Ltd.		X
China Shenhua Energy Company Limited	X	X
China Shenhua Overseas Capital Co., Ltd.	X	X
Chubu Electric Power Co., Inc.		X
Cleco Corporate Holdings LLC		X
Cloud Peak Energy Inc.	X	
Cloud Peak Energy Resources LLC	X	
CLP Holdings Limited		X
CMS Energy Corporation		X
Coal Energy SA	X	
Coal India Ltd.	X	
Colbun SA		X
CONSOL Energy Inc.	X	
Consumers Energy Company		X
ContourGlobal Ltd.		X
ContourGlobal Power Holdings SA		X
Coronado Global Resources Inc.	X	
Datang International Power Generation Co., Ltd.	X	X
DMCI Holdings, Inc.	X	X
Dominion Energy, Inc.		X
Dominion Resources Capital Trust I		X
Dominion Resources Capital Trust III		X
DTE Electric Co.		X
DTE Energy Company		X
Duke Energy Carolinas LLC		X
Duke Energy Corporation		X
Duke Energy Florida LLC		X
Duke Energy Florida Project Finance LLC		X
Duke Energy Ohio, Inc.		X
Dynegy Finance I, Inc.		X
Electric Power Development Co., Ltd.		X
Electricity Generating Public Company Limited		X
Elion Energy Co., Ltd.		X
Emera Incorporated		X
Empresa Electrica Angamos SA		X
EnBW Energie Baden Wuerttemberg AG		X
ENBW International Finance BV		X
ENEA SA	X	X
Energa Finance AB		X
Energa SA		X
Energeticky a prumyslovy holding as	X	X
Engie Energia Chile SA		X
Engro Corporation Limited		X
Entergy Arkansas LLC		X
Entergy Corporation		X
Entergy Utility Affiliates LLC		X
Entergy Utility Property, Inc.		X
EP Energy as		X
EP Infrastructure as		X
EPH Financing International as	X	X
Eskom Holdings SOC Ltd.		X
Eterna Capital Pte Ltd.	X	
Evergy Kansas Central, Inc.		X
Evergy, Inc.		X
EWE AG		X
Exxaro Resources Ltd.	X	
Feishang Anthracite Resources Limited	X	
First Pacific Company Limited		X
FirstEnergy Corp.		X
Foresight Energy LLC	X	
Foresight Energy LP	X	

Thermal Coal		
Company	Coal extraction	Power generation
Fujian Funeng Co., Ltd.		X
Gansu Energy Chemical Co., Ltd.	X	X
GD Power Development Co., Ltd.	X	X
Genesis Energy Limited		X
Geo Energy Resources Limited	X	
Georgia Power Co.		X
Glencore Capital Finance DAC	X	
Glencore Finance (Canada) Ltd.	X	
Glencore Finance (Europe) Ltd.	X	
Glencore Funding LLC	X	
Glencore plc	X	
Global Power Synergy Public Company Limited		X
Glow Energy Public Company Limited		X
GMR Power & Urban Infra Ltd.	X	X
Golden Energy and Resources Limited	X	
GS Holdings Corp.		X
Guangdong Baolihua New Energy Stock Co., Ltd.		X
Guangdong Electric Power Development Co., Ltd.		X
Guangdong Investment Limited		X
Guanghui Energy Co., Ltd.	X	
Guangxi Guiguan Electric Power Co., Ltd.		X
Guangzhou Development Group, Inc.		X
Guizhou Panjiang Refined Coal Co., Ltd.	X	
Gujarat Mineral Development Corporation Limited	X	X
GVK Power & Infrastructure Limited		X
Hallador Energy Company	X	
Hero Asia Investment Ltd.		X
HK Electric Investments & HK Electric Investments Ltd.		X
Hokkaido Electric Power Co., Inc.		X
Hokuriku Electric Power Co.		X
Hopewell Holdings Ltd.		X
Hosken Consolidated Investments Ltd.	X	
Huadian Energy Co., Ltd.	X	X
Huadian Power International Corp. Ltd.	X	X
Huaibei Mining Holdings Co., Ltd.	X	X
Huaneng Hong Kong Capital Ltd.	X	X
Huaneng Power International, Inc.		X
Hubei Energy Group Co., Ltd.		X
IDACORP, Inc.		X
Idemitsu Kosan Co., Ltd.	X	
IE2 Holdco SAU		X
Indiana Michigan Power Co.		X
Indika Energy Capital III Pte Ltd.	X	
Indo Energy Finance BV	X	
Indo Energy Finance II BV	X	
Indo Integrated Energy II BV	X	
Inner Mongolia Dian Tou Energy Corp. Ltd.	X	X
Inner Mongolia Junzheng Energy & Chemical Group Co., Ltd.		X
Inner Mongolia Mengdian Huaneng Thermal Power Corp. Ltd.	X	X
Inner Mongolia Yitai Coal Co., Ltd.	X	
Inner Mongolia Yuan Xing Energy Co., Ltd.	X	
Inter RAO UES PJSC		X
InterGen NV		X
Interstate Power & Light Co.		X
IPALCO Enterprises, Inc.		X
Irkutskenergo JSC	X	X
Israel Electric Corp. Ltd.		X
Izdemir Enerji Elektrik Uretim AS		X
Izmir Demir Celik Sanayi AS		X
Jaiprakash Power Ventures Limited	X	X
Jardine Cycle & Carriage Limited	X	

Thermal Coal		
Company	Coal extraction	Power generation
Jastrzebska Spolka Weglowa SA	X	
Jiangsu Guoxin Corp. Ltd.		X
Jinneng Holding Shanxi Coal Industry Co., Ltd.	X	
Jinneng Holding Shanxi Electric Power Co., Ltd.		X
Jizhong Energy Resources Co., Ltd.	X	
Jointo Energy Investment Co., Ltd. Hebei		X
JSW Energy Limited	X	X
Kinetic Development Group Limited	X	
Kobe Steel, Ltd.		X
Korea East-West Power Co., Ltd.		X
Korea Electric Power Corp.		X
KSK Power Venture Plc		X
Kuzbasskaya Toplivnaya Kompaniya PJSC	X	
KyungDong Invest Co., Ltd.	X	
Kyushu Electric Power Co., Inc.		X
LG&E & KU Energy LLC		X
Listrindo Capital BV		X
Louisville Gas & Electric Co.		X
Lubelski Wegiel BOGDANKA SA	X	
Lucky Cement Ltd.		X
LX International Corp.	X	
Majapahit Holding BV		X
Malakoff Corporation Berhad		X
Manila Electric Co.		X
MC Mining Limited	X	
MDU Resources Group, Inc.		X
Mechel PAO	X	
Metro Pacific Investments Corporation		X
MGE Energy, Inc.		X
MidAmerican Energy Co.		X
MidAmerican Funding LLC		X
Mississippi Power Co.		X
Mitsui Matsushima Holdings Co., Ltd.	X	
Monongahela Power Co.		X
Murray Energy Corporation	X	
NACCO Industries, Inc.	X	
Natural Resource Partners LP	X	
Nava Limited	X	X
New Hope Corporation Limited	X	
NiSource Inc.		X
NLC India Ltd.	X	X
Northern Electric Finance Plc		X
Northern States Power Co.		X
NorthWestern Energy Group, Inc.		X
NTPC Limited		X
Odas Elektrik Uretim Sanayi Ticaret AS	X	X
OGE Energy Corp.		X
Oglethorpe Power Corp.		X
Oklahoma Gas & Electric Co.		X
Old ANR LLC	X	
Origin Energy Finance Ltd.		X
Origin Energy Limited		X
Otter Tail Corporation		X
PacifiCorp		X
Park Elektrik Uretim Madencilik Sanayi ve Ticaret AS	X	
Peabody Energy Australia PCI Pty Ltd.	X	
Peabody Energy Corporation	X	
Petmin Ltd.	X	
Petrovietnam Power Corp.		X
PGE Polska Grupa Energetyczna SA		X
PGE Sweden AB		X

Thermal Coal		
Company	Coal extraction	Power generation
Pingdingshan Tianan Coal Mining Co., Ltd.	X	
Pinnacle West Capital Corporation		X
Portland General Electric Company		X
Power Assets Holdings Limited		X
PPL Capital Funding, Inc.		X
PPL Corporation		X
PT ABM Investama Tbk	X	
PT Adaro Energy Indonesia Tbk	X	
PT Adaro Indonesia	X	
PT Alfa Energi Investama Tbk	X	
PT Astra International Tbk	X	
PT Bayan Resources Tbk	X	
PT Berau Coal Energy	X	
PT Bukit Asam Tbk	X	
PT Bumi Resources Tbk	X	
PT Cikarang Litrindo Tbk		X
PT Dian Swastatika Sentosa Tbk	X	
PT Golden Eagle Energy TBK	X	
PT Golden Energy Mines Tbk	X	
PT Harum Energy Tbk	X	
PT Indika Energy Tbk	X	
PT Indo Tambangraya Megah Tbk	X	
PT Indonesia Asahan Aluminium (Persero)	X	
PT MNC Asia Holding Tbk	X	
PT Perusahaan Listrik Negara (Persero)		X
PT Petrindo Jaya Kreasi Tbk	X	
PT Timah Tbk	X	
PT Trada Alam Minera Tbk	X	
PT United Tractors Tbk	X	
Public Power Corp. Finance Plc		X
Public Power Corp. SA		X
Public Service Company of Colorado		X
Public Service Company of New Mexico		X
Puget Energy, Inc.		X
Puget Sound Energy, Inc.		X
RATCH Group Public Co., Ltd.		X
Refrigeration Electrical Engineering Corp.		X
Reliance Infrastructure Limited		X
Reliance Power Limited		X
Rhino Resource Partners LP	X	
RWE AG		X
Sadovaya Group	X	
Sakari Resources Ltd.	X	
Salungano Group Ltd.	X	
Samruk-Energy JSC	X	X
San Miguel Corporation		X
Sarda Energy & Minerals Limited		X
SCANA Corp.		X
SDIC Power Holdings Co., Ltd.		X
Semirara Mining & Power Corp.	X	X
SGC Energy Co., Ltd.		X
Shan Xi Hua Yang Group New Energy Co. Ltd.	X	
Shandong Energy Group Co., Ltd.	X	X
Shanghai Datun Energy Resources Co., Ltd.	X	X
Shanghai Electric Power Co., Ltd.		X
Shanxi Coal International Energy Group Co., Ltd.	X	
Shanxi Coking Coal Energy Group Co., Ltd.		X
Shanxi Lanhua Sci-Tech Venture Co., Ltd.	X	
Shanxi Lu'An Environmental Energy Development Co., Ltd.	X	
Shenergy Co., Ltd.		X
Shenzhen Energy Group Co., Ltd.		X

Thermal Coal		
Company	Coal extraction	Power generation
Shikoku Electric Power Co., Inc.		X
Shaanxi Coal Industry Co., Ltd.	X	
Shaanxi Energy Investment Co., Ltd.	X	X
Sierra Pacific Power Co.		X
SMC Global Power Holdings Corp.		X
Southern Kuzbass Coal Co. PJSC	X	
Southwestern Electric Power Co.		X
Southwestern Public Service Co.		X
SPIC 2016 US Dollar Bond Co. Ltd.	X	X
SPIC 2018 USD Senior Perpetual Bond Co. Ltd.	X	X
SPIC Industry-Finance Holdings Co., Ltd.		X
SPIC Luxembourg Latin America Renewable Energy Investment Co	X	X
State Power Investment Corp., Ltd.	X	X
STEAG GmbH		X
Stronghold Digital Mining, Inc.		X
Sunpower Group Ltd.		X
Talen Energy Corporation		X
Talen Energy Supply LLC		X
Tauron Polska Energia SA		X
TBEA Co., Ltd.	X	X
TCC Group Holdings CO., LTD.		X
Tenaga Nasional Berhad		X
Tennessee Valley Authority		X
TerraCom Limited	X	
The AES Corporation		X
The Chugoku Electric Power Co., Inc.		X
The Hub Power Co. Ltd.		X
The Kansai Electric Power Co., Inc.		X
The Lanna Resources Public Co., Ltd.	X	
The Okinawa Electric Power Co., Inc.		X
The Second Generation Co of the Wholesale Power Market PJSC		X
The Southern Company		X
The Tata Power Company Limited		X
Thungela Resources Ltd.	X	
TNB Global Ventures Capital Bhd.		X
Tohoku Electric Power Co., Inc.		X
Tokyo Electric Power Co. Holdings, Inc.		X
Top Frontier Investment Holdings, Inc.		X
Topy Industries, Ltd.		X
Torrent Power Limited		X
TPI Polene Power Public Co., Ltd.		X
TPI Polene Public Co. Ltd.		X
TransAlta Corporation		X
Tucson Electric Power Co.		X
TXNM Energy, Inc.		X
Union Electric Co.		X
Uniper SE		X
Unipro PJSC		X
Vectren Corp.		X
Viesgo Infraestructuras Energeticas SL		X
Vimetco NV	X	X
Virginia Electric & Power Co.		X
Vistra Corp.		X
Vistra Operations Co. LLC		X
Washington H. Soul Pattinson and Company Limited	X	
WEC Energy Group, Inc.		X
Westmoreland Coal Co.	X	
Westmoreland Resource Partners LP	X	
WHA Utilities & Power Public Co. Ltd.		X
Whitehaven Coal Limited	X	
Wintime Energy Group Co., Ltd.		X

Thermal Coal		
Company	Coal extraction	Power generation
Wisconsin Electric Power Company		X
Wisconsin Power & Light Co.		X
Wisconsin Public Service Corp.		X
Wollongong Coal Limited	X	
Xcel Energy Inc.		X
Xinjiang Guanghui Industry Investment (Group) Co., Ltd.	X	
Yancoal Australia Ltd.	X	
Yancoal International Resources Development Co., Ltd.	X	X
Yankuang Energy Group Co., Ltd.	X	X
Yankuang Group (Cayman) Ltd.	X	X
Zhejiang Zheneng Electric Power Co., Ltd.		X
Zhengzhou Coal Industry & Electric Power Co., Ltd.	X	
Total excluded Companies	157	267

Controversial Weapons

Controversial weapons include the following: Anti-personnel mines, biological weapons, Chemical weapons, Cluster munition, Nuclear weapons outside the Non-Proliferation Treaty, Depleted uranium ammunition and armor, Incendiary weapons, White phosphorus weapons

The weapons are considered controversial as their production and use are assessed to be in conflict with the prohibitions set out in international conventions.

Controversial Weapons Company	Anti-personnel mines	Cluster munition	Depleted uranium ammunition and armour	Nuclear weapons outside the Non-Proliferation Treaty	White phosphorus weapons	Nuclear weapons
Aerojet Rocketdyne Holdings, Inc.			x			x
Aerospace Long-March International Trade Co Ltd		x				
Anhui Great Wall Military Industry Co., Ltd.		x				
Anhui Military Industry Group Holding Co. Ltd.		x				
Arab Organization for Industrialization		x				
Aryt Industries Ltd.	x	x				
Ashoka Manufacturing Ltd	x					
Avibras Industria Aeroespecial SA		x				
BAE Systems (Finance) Ltd.					x	x
BAE Systems Plc					x	x
Bayer AG					x	
Bayer Capital Corp.					x	
Bayer Capital Corp. BV					x	
Bayer US Finance II LLC					x	
Bayer US Finance LLC					x	
Belspetsvneshtehnika		x				
Bharat Dynamics Limited		x		x		
China Aerospace Science & Industry Corp. Ltd.		x				
China Aerospace Science & Technology Corp.		x				x
China North Industries Corp.	x	x				
China North Industries Group Corp. Ltd.	x	x				
China Poly Group Corp. Ltd.		x				
DAIKIN INDUSTRIES Ltd.					x	
Day & Zimmerman Group Inc	x	x	x			
Defence Industries Organization Training & Research Institute	x					
Economic Explosives Ltd.		x				
Esterline Technologies Corp.			x			
General Dynamics Corporation			x		x	x
General Dynamics Ordnance & Tactical Systems, Inc.			x			
Howa Machinery, Ltd.					x	
ICL Group Ltd.					x	
Israel Corp. Ltd.					x	
JB Technology Ltd.	x					
JMV LPS Ltd.	x					
Komatsu Ltd.					x	
KSB Limited				x		
KSB SE & Co. KGaA				x		
L3 Technologies, Inc.					x	x
L3Harris Technologies, Inc.			x		x	x
Larsen & Toubro Limited				x		
LIG Corp.		x				
LIG Nex1 Co., Ltd.		x				
Lockheed Martin Corporation	x	x				x
Monsanto Co.					x	
MTAR Technologies Ltd.				x		

Controversial Weapons Company	Anti-personnel mines	Cluster munition	Depleted uranium ammunition and armour	Nuclear weapons outside the Non-Proliferation Treaty	White phosphorus weapons	Nuclear weapons
Northrop Grumman Corporation			x			x
Northrop Grumman Systems Corp.			x			x
Ordttech Military Industries		x				
Pakistan Ordnance Factories	x	x				
Poongsan Corp.		x				
POONGSAN HOLDINGS Corp.		x				
Premier Explosives Ltd.	x			x		
Reshef Technologies Ltd	x	x				
Rheinmetall AG			x		x	
Rostec State Corp	x	x				
Sandhar Technologies Limited	x					
SNT DYNAMICS Co., Ltd.	x					
SNT Holdings Co., Ltd.	x					
Solar Industries India Limited		x				
Special Machine Building & Metallurgy PJSC		x				
Synthetic Moulders Ltd.	x					
TA Mfg Ltd.			x			
TransDigm Group Incorporated			x			
TransDigm, Inc.			x			
Walchandnagar Industries Ltd.				x		
Total excluded companies	17	26	12	7	17	10

Tobacco

Tobacco products are products made entirely or partly of leaf tobacco as raw material, which are intended to be smoked, sucked, chewed or snuffed. Tobacco products are also electronic cigarettes and other 'Next-Generation Products'.

Tobacco Company	Production	Distribution	Services
22nd Century Group, Inc.	x		
A-1 Group, Inc.		x	
Al-Eqbal Co. for Investment Plc	x		
Altadis Emisiones Financieras SA	x	x	
Altadis SA	x		
Altria Group, Inc.	x		
American Heritage International, Inc.		x	
AMVIG Holdings Ltd.			x
Arcis Resources Corp.	x		
Asberry 22 Holdings, Inc.		x	
Asenovgrad Tabac AD	x		
B.A.T Capital Corp.	x		
B.A.T. Finance BV	x		
B.A.T. International Finance Plc	x		
B.A.T. Netherlands Finance BV	x		
BADECO ADRIA dd	x		
BAT Brasil	x	x	x
British American Tobacco	x		
British American Tobacco Argentina SAICy F	x		
British American Tobacco Australasia Ltd.	x		
British American Tobacco Bangladesh Company Limited	x		
British American Tobacco Chile Operaciones SA	x		
British American Tobacco Co. Ltd.	x		
British American Tobacco Holdings (The Netherlands) BV	x		
British American Tobacco Italia SpA	x		
British American Tobacco Kenya Plc	x		
British American Tobacco Malaysia Bhd.	x		
British American Tobacco Peru Holdings Ltd.	x		
British American Tobacco plc	x		
British American Tobacco Uganda Ltd.	x		
British American Tobacco Yava Jsc	x		
British American Tobacco Zambia PLC	x	x	x
British American Tobacco Zimbabwe Ltd.	x		
Bulgartabac Holding AD	x		
Carreras Ltd.		x	
Cat Loi JSC			x
Ceylon Tobacco Company Plc	x		
China Boton Group Company Limited			x
China Tobacco International (HK) Company Limited		x	
Coka Duvanska Industrija AD	x		
Consolidated Cigar Holdings, Inc.	x		
CTO Co. Ltd.	x		
Dupnitsa-Tabak AD	x		
Duvanska Industrija AD Bujanovac	x	x	x
Duvanski Kombinad ad Podgorica	x		
Eastern Co. (Egypt)	x		
Gemini Group Global Corp.	x		
Gilla, Inc.			x
Godfrey Phillips India Ltd.	x	x	
Golden Tobacco Ltd.	x		
Greenlane Holdings, Inc.		x	
Guangdong DFP New Material Group Co., Ltd.	x	x	x
Guangdong New Grand Long Packing Co., Ltd.			x
Harrys Manufacturing Inc.	x		
Hrvatski Duhani dd	x		
Huabao International Holdings Limited			x
Icon Vapor, Inc.		x	
IMA T&T SpA			x
Imasco Ltd.	x		
Imperial Brands Finance Netherlands BV	x	x	
Imperial Brands Finance Plc	x	x	
Imperial Brands PLC	x	x	
Ispire Technology, Inc.	x		
ITC Limited	x	x	x
Japan Tobacco, Inc.	x		
Jerusalem Cigarette Co. Ltd.	x		
JT International Financial Services BV	x		
Karelia Tobacco Co., Inc.	x		

Tobacco Company	Production	Distribution	Services
Khyber Tobacco Co. Ltd.	x		
Kimree, Inc.	x		
Kinetic Seas Incorporated	x		
KT&G Corp.	x		
Litu Holdings Limited			x
Lorillard LLC	x		
LT Group, Inc.	x		
Ngan Son JSC	x		
Nikotiana BT Holding AD	x		
North Atlantic Trading Co., Inc.	x	x	x
NTC Industries Ltd.	x		
Pakistan Tobacco Co. Ltd.	x		
Pazardzhik BTM AD	x		
Philip Morris (Pakistan) Ltd.	x		
Philip Morris CR as	x		
Philip Morris International Inc.	x		
Philip Morris Operations AD	x		
Press Corporation Plc	x		
PT Bentoel International Investama Tbk	x		
PT Gudang Garam Tbk	x	x	x
PT Hanjaya Mandala Sampoerna Tbk	x		
PT Indonesian Tobacco Tbk	x		
PT Wisnilak Inti Makmur Tbk	x	x	x
Pyxus International, Inc.	x		
R.J. Reynolds Tobacco Holdings, Inc.	x		
Reynolds American, Inc.	x		
RLX Technology, Inc.	x		
Rothmans Industries Pte Ltd.	x		
Scandinavian Tobacco Group A/S	x		
Shanghai Industrial Holdings Limited	x		
Shanghai Shunho New Materials Technology Co., Ltd.	x	x	x
Shenzhen Jinjia Group Co., Ltd.	x	x	x
Shumen Tabac AD	x		
Shaanxi Jinye Science Technology & Education Group Co., Ltd.		x	
Sila Holding AD	x		
Sinnar Bidi Udyog Ltd.	x		
SITAB	x		
Slantse Stara Zagora Tabac AD	x	x	x
Smoores International Holdings Ltd.	x	x	x
Societe Nationale d'exploitation Industrielle des Tabacs	x	x	
Strumica Tabak AD	x		
Swedish Match Ab	x		
Tanzania Cigarette Co. Ltd.	x		
TSL Ltd.	x	x	x
Turning Point Brands, Inc.	x	x	x
Tutunski Kombinat AD Prilep	x	x	x
Union Investment Corp.	x		
Union Tobacco & Cigarette Industries Co.	x		
Universal Corporation	x	x	x
Vector Group Ltd.	x		
VPR Brands LP		x	
VST Industries Limited	x		
Wee-Cig International Corp.	x		
West Indian Tobacco Co. Ltd.	x		
Total excluded companies	105	31	24

Extended exclusions applicable to selected investments products promoting exclusions

Pornography

Adult Entertainment/ Pornography refers to explicit images of sexual behavior that are intended to cause sexual excitement. This includes products labelled 'erotica', 'porn' or 'adult entertainment'.

Pornography Company	Production	Distribution
Attica Publications SA		X
DNXcorp SE	X	
Erotik-Abwicklungsgesellschaft AG		X
FriendFinder Networks, Inc.	X	
Metro Global Media, Inc.	X	
New Frontier Media, Inc.	X	
PLBY Group, Inc.	X	X
Private Media Group, Inc.		X
RCI Hospitality Holdings, Inc.	X	
Scores Holding Co., Inc.		X
tmc Content Group AG	X	X
Total Excluded companies	7	6

SPU

SPU refers to the exclusion list maintained by Norges Bank Investment Management/Statens Pensjon Utland.

Company	Company	Company
SPU Tri-State Generation and Transmission Association Inc	DTE Energy Co	Yunnan Baiyao Group Co Ltd
SPU Great River Energy	KT&G Corp	Young Poong Corp
SPU GAIL India Ltd	Emera Inc	POSCO Holdings Inc
SPU Cognyte Software Ltd	Danya Cebus Ltd	Korea Line Corp
SPU Tilray Brands Inc	Airbus SE	Korea Electric Power Corp
SPU CONSOL Energy Inc	PGE Polska Grupa Energetyczna SA	Hanjaya Mandala Sampoerna Tbk PT
SPU Evergy Inc	Huadian Power International Corp Ltd	Prosegur Cia de Seguridad SA
SPU Shapir Engineering and Industry Ltd	Ta Ann Holdings Bhd	ITC Ltd
SPU Cronos Group Inc	Shikun & Binui Ltd	WTK Holdings Bhd
SPU HK Electric Investments & HK Electric Investments Ltd	Shikun & Binui Ltd	British American Tobacco Malaysia Bhd
SPU Zuari Agro Chemicals Ltd	British American Tobacco Plc	Genting Bhd
SPU Power Construction Corp of China Ltd	Peabody Energy Corp	Scandinavian Tobacco Group A/S
SPU Halcyon Agri Corp Ltd	Yanguang Energy Group Co Ltd	China Traditional Chinese Medicine Holdings Co Ltd
SPU Beijing Tong Ren Tang Chinese Medicine Co Ltd	Ameren Corp	Tenaga Nasional Bhd
SPU Huntington Ingalls Industries Inc	Gujarat Mineral Development Corp Ltd	Gudang Garam tbk pt
SPU Ashstrom Group Ltd	ZTE Corp	Formosa Taffeta Co Ltd
SPU Canopy Growth Corp	FirstEnergy Corp	Formosa Chemicals & Fibre Corp
SPU Capital Power Corp	Lu Thai Textile Co Ltd	Evergreen Marine Corp Taiwan Ltd
SPU China State Construction Engineering Corp Ltd	Inner Mongolia Yitai Coal Co Ltd	Jardine Cycle & Carriage Ltd
SPU Jastrzebska Spolka Weglowa SA	Tianjin Pharmaceutical Da Re Tang Group Corp Ltd	Astra International Tbk PT
SPU Lubelski Wegiel Bogdanka SA	Korea Gas Corp	Huabao International Holdings Ltd
SPU Cenovus Energy Inc	Datang International Power Generation Co Ltd	Jardine Matheson Holdings Ltd
SPU Poongsan Corp	Elbit Systems Ltd	CLP Holdings Ltd
SPU Eneva SA	Glencore PLC	RWE AG
SPU Reliance Power Ltd	Imperial Brands Plc	Safran SA
SPU Aurora Cannabis Inc	NTPC Ltd	Shikoku Electric Power Co Inc
SPU PTT Oil & Retail Business PCL	Eastern Co SAE	Okinawa Electric Power Co Inc/The
SPU Whitehaven Coal Ltd	Public Power Corp SA	Hokuriku Electric Power Co
SPU Malakoff Corp Bhd	Electric Power Development Co Ltd	Hokkaido Electric Power Co Inc
SPU Aboitiz Power Corp	Huadian Energy Co Ltd	Chugoku Electric Power Co Inc/The
SPU Page Industries Ltd	Shanghai Industrial Holdings Ltd	Washington H Soul Pattinson & Co Ltd
SPU Adani Ports and Special Economic Zone Ltd	SDIC Power Holdings Co Ltd	Sasol Ltd
SPU China Coal Energy Co Ltd	Electra Ltd/Israel	BAE Systems Plc
SPU ElSewedy Electric Co	Grand Pharmaceutical Group Ltd	TransAlta Corp
SPU JBSS/A	DMCI Holdings Inc	Suncor Energy Inc
SPU AGL Energy Ltd	Vedanta Ltd	Canadian Natural Resources Ltd
SPU China Shenhua Energy Co Ltd	PTT PCL	Otter Tail Corp
SPU Li Ning Co Ltd	Oil & Natural Gas Corp Ltd	MGE Energy Inc
SPU Weichai Power Co Ltd	Tata Power Co Ltd/The	Imperial Oil Ltd
SPU Turning Point Brands Inc	Bharat Electronics Ltd	AES Corp/The
SPU China Power International Development Ltd	Reliance Infrastructure Ltd	Alliant Energy Corp
SPU Zijin Mining Group Co Ltd	Bharat Heavy Electricals Ltd	WEC Energy Group Inc
SPU NRG Energy Inc	Philip Morris Cr AS	Universal Corp/VA
SPU Honeys Holdings Co Ltd	Engie Energia Chile SA	Textron Inc
SPU AviChina Industry & Technology Co Ltd	Electricity Generating PCL	TXNM Energy Inc
SPU New Hope Corp Ltd	Lockheed Martin Corp	Altria Group Inc
SPU China Resources Power Holdings Co Ltd	Huaneng Power International Inc	PacificCorp
SPU NHPC Ltd	Volcan Cia Minera SAA	Northrop Grumman Corp
SPU Exxaro Resources Ltd	Japan Tobacco Inc	ALLETE Inc
SPU GMK Norilskiy Nickel PAO	Larsen & Toubro Ltd	Jacobs Solutions Inc
SPU Tong Ren Tang Technologies Co Ltd	AES Andes SA	IDACORP Inc
SPU Coal India Ltd	Vale SA	L3Harris Technologies Inc

	Company	Company	Company
SPU	Posco International Corp	Centrais Eletricas Brasileiras SA	General Dynamics Corp
SPU	Xcel Energy Inc	CESC Ltd	Freeport-McMoRan Inc
SPU	Delek Group Ltd	Elco Ltd	Duke Energy Corp
SPU	Fluor Corp	Mivne Real Estate KD Ltd	Vector Group Ltd
SPU	BWX Technologies Inc	CEZ AS	Boeing Co/The
SPU	Philip Morris International Inc	Guangdong Electric Power Development Co Ltd	American Electric Power Co Inc
SPU	Bezeq Plz	the Israeli Telecommunication Corp Ltd	Barrick Gold Corp
			Honeywell International Inc
Total excluded			178

Alcohol

Alcohol refers to alcoholic beverages with alcohol volume higher than 2.25%. Alcohol is a psychoactive drug that is the active ingredient in drinks such as beer, wine, and distilled spirits.

Alcohol Company	Production	Distribution	Services
"Bihacka pivovara" d.d. Bihac	x		
13. Jul-Plantaze AD	x		
Abrau-Durso PJSC	x		
Adnams Plc	x	x	
AdVini SA	x		x
African Distillers Ltd.	x		
Aktienbrauerei Kaufbeuren AG	x		
Allgaeuer Brauhaus AG	x	x	x
Allied Domecq Ltd.	x		
Amber Latvijas Balzams JSC	x		
Ambev SA	x		
Ambra SA	x		
Anadolu Efes Biracilik ve Malt Sanayii A.S.	x		
Andrew Peller Limited	x		
Angostura Holdings Ltd.	x		
Anheuser-Busch Cos. LLC	x		
Anheuser-Busch Inbev Finance, Inc.	x		
Anheuser-Busch InBev SA/NV	x		
Anheuser-Busch InBev Worldwide, Inc.	x		
Anheuser-Busch North American Holding Corp.	x		
Anhui Golden Seed Winery Co., Ltd.	x		
Anhui Gujing Distillery Co., Ltd.	x		
Anhui Kouzi Distillery Co., Ltd.	x		
Anhui Yingjia Distillery Co., Ltd.	x		
Anora Group Oyj	x		
Aristocrat Group Corp.	x		
Asahi Group Holdings Ltd.	x		
Associated Alcohols & Breweries Ltd.	x		
Australian Vintage Ltd.	x		
Bacardi & Co. Ltd.	x		
Bacardi Ltd.	x		
Badel 1862 dd	x		
Banjalučka Pivara AD	x		
Barkan Vineyards Ltd.	x		
Baron de Ley SA	x		
Beam Suntory, Inc.	x		
Beckle, S.A.B. de C.V.	x		
Beijing Shunxin Agriculture Co., Ltd.	x		
Beijing Yanjing Brewery Co., Ltd.	x		
Berentzen-Gruppe AG	x		
Bermas SA	x		
BHB Brauholding Bayern-Mitte AG	x		
Big Rock Brewery Inc.	x		
Bodegas Bilbainas SA	x		
Bodegas Esmeralda SA	x		
Bodegas Riojanas SA	x		
BOHAE BREWERY Co., Ltd.	x		
Boissons du Cameroun SA	x		
Brasseries et Limonaderies du Rwanda SA	x		
Browar Czarnkowi SA	x		x
Brown-Forman Corporation	x		
Budweiser Brewing Company APAC Limited	x		
C&C Group Plc	x	x	
C.A. Ron Santa Teresa	x		
Capevin Holdings Ltd.	x		
Carlsberg A/S	x		
Carlsberg Breweries A/S	x		
Carlsberg Brewery Malaysia Berhad	x		
Carlsberg Ukraine PJSC	x		
Castle Brands, Inc.	x		
CEDC Finance Corp. International, Inc.	x	x	
Cerveceria Nacional	x		
Cerveceria Nacional Dominicana SA	x		
Cerveceria San Juan SA	x		
Ceylon Beverage Holdings PLC	x		
Champion Breweries Plc	x		
Chapel Down Group Plc	x		
China New Borun Corp.			x
China Ouhua Winery Holdings Limited	x		
China Resources Beer (Holdings) Co. Ltd.	x		
China Tontine Wines Group Limited	x		
Chongqing Brewery Co., Ltd.	x		

Alcohol Company	Production	Distribution	Services
Cia Vinicola del Norte de Espana SA	x		
CITIC Niya Wine Co., Ltd.	x		
Compania Cervecerias Unidas SA	x		
Company Group ALITA AB	x		
CONSTELLATION BRANDS, INC.	x		
Corby Spirit and Wine Limited	x	x	
Corporacion Economica Delta SA	x		
Craft Brew Alliance, Inc.	x		
Crimson Wine Group, Ltd.	x		
Cruzan International, Inc.	x		
Davide Campari-Milano NV	x		
Delegat Group Limited	x		
Delta Corporation Limited	x		
Diageo Capital BV	x		
Diageo Capital Plc	x		
Diageo Finance Plc	x		
Diageo Investment Corp.	x		
Diageo plc	x		
Diamond Estates Wines & Spirits Inc.	x	x	
Distell Group Holdings Ltd.	x		
Distell Group Ltd.	x		
Distil PLC	x		
Distilleries Company of Sri Lanka Plc	x		
Drinks Americas Holdings Ltd.		x	
Dynasty Fine Wines Group Limited	x		
East African Breweries Ltd.	x		
Eastside Distilling, Inc.	x		x
Einbecker Brauhaus AG	x		
Empee Distilleries Ltd.	x		
Emperador, Inc.	x		
Endeavour Group Ltd. (Australia)	x	x	x
FBG Finance Pty. Ltd.	x		
Florida Ice & Farm Co. SA	x		
Foley Wines Limited	x		
Foster's Group Pty Ltd.	x		
Fujian Yanjing Huiquan Brewery Co., Ltd.	x		
G.M. Breweries Ltd.	x		
Gansu Huangtai Wine-Marketing Industry Co., Ltd.	x		
Gansu Mogao Industrial Development Co., Ltd.	x		
General Investment	x		
Ginebra San Miguel, Inc.	x		
Globus Spirits Limited	x		
Golden Guinea Breweries Plc	x		
Goldin Financial Holdings Limited	x		
Good Drinks Australia Ltd.	x		
Grupa Zywiec Sp zoo	x		
Grupo Modelo SAB de CV	x		
Guangzhou Zhujiang Brewery Co., Ltd.	x		
Guinness Ghana Breweries Plc	x		
Guinness Nigeria PLC	x		
Gurktaler AG	x		
Gusbourne Plc	x		
Ha Noi - Thanh Hoa Beer JSC	x		
Hainan Yedao (Group) Co., Ltd.	x		
Hanoi Hai Duong Beer JSC	x		
Harboes Bryggeri A/S	x		
Hartwall Oy Ab	x		
Hawesko Holding SE		x	
Hebei Hengshui Laobaigan Liquor Co., Ltd.	x		
Heineken Holding NV	x		
Heineken Malaysia Berhad	x		
Heineken NV	x		
HITEJINRO Co., Ltd.	x		
HiteJinro Holdings Co., Ltd.	x		
IFB Agro Industries Ltd.	x		
Indage Vintners Ltd.	x		
India Glycols Limited	x		
International Breweries PLC	x		
Italian Wine Brands SpA	x		
Jagatjit Industries Limited	x		x
Jiangsu King's Luck Brewery Joint-stock Co., Ltd.	x		
Jiangsu Yanghe Brewery Joint-Stock Co., Ltd.	x		
Jinhui Liquor Co., Ltd.	x		
JINRO DISTILLERS Co., Ltd.	x		
Jiugui Liquor Co., Ltd.	x		
Jos International Breweries Plc	x		
Kaddy Ltd.			x
KEO Plc	x		
Khoday India Ltd.	x		

Alcohol Company	Production	Distribution	Services
Kirin Holdings Co., Ltd.	x		
Kook Soon Dang Co., Ltd.	x		
Kopparbergs Bryggeri AB	x		
KOREA ALCOHOL INDUSTRIAL Co., Ltd.			x
Ktima Kostas Lazaridis SA	x		
Kuajishan Shaoxing Rice Wine Co., Ltd.	x		
Kulmbacher Brauerei AG	x		
Kutjevo dd	x		
Kweichow Moutai Co., Ltd.	x		
Lamdong Foodstuffs JSC	x		
Landshuter Brauhaus AG	x		
Lanson-BCC	x		
Lanzhou Huanghe Enterprise Co., Ltd.	x		x
Lark Distilling Co. Ltd.	x		
Laurent-Perrier SA	x		
Lion Brewery (Ceylon) PLC	x		
Lombard & Medot	x		
Lomsko Pivo AD	x		
Lucas Bols NV	x		
Luzhou Laojiao Co., Ltd.	x		
Mackmyra Svensk Whisky AB	x		
MAJOR HOLDINGS LIMITED		x	
Malteries Franco-Belges			x
Maraska dd	x		
Marie Brizard Wine & Spirits SA	x		
Marlborough Wine Estates Group Ltd.	x		x
Masi Agricola SpA	x		
Melstacorp PLC	x		
Mendocino Brewing Co., Inc.	x		
MGP Ingredients, Inc.	x		
MH ETHANOL Co., Ltd.			x
Molson Coors Beverage Company	x		
Molson Coors Canada Inc.	x		
Moninger Holding AG	x		
Montalvo Spirits, Inc.	x		
Muhak Co., Ltd.	x		
Murree Brewery Co., Ltd.	x		
Naked Wines Plc		x	
Namibia Breweries Ltd.	x		
National Breweries PLC	x		
New Silkroad Culturaltainment Ltd.	x		
Nigerian Breweries Plc	x		
Novabev Group	x	x	
Oenon Holdings, Inc.	x		x
Olvi Oyj	x		
Orpar SA	x		
Ottakringer Getraenke AG	x	x	
Palaioi Oinoi Naousis Holdings & Investment SA	x		
Park & Bellheimer AG	x		
Pernod Ricard Finance SA	x		
Pernod Ricard SA	x		
Phoenix Beverages Limited	x		
Piccadilly Sugar & Allied Industries Ltd.	x		
Pincon Spirit Ltd.	x		
Pioneer Distilleries Ltd.			x
Pivara Tuzla dd	x		
Pivovarna Lasko Union doo	x		
Pivovary Lobkowicz Group as	x		
Pol Roger et Cie SA	x		
Prilepska Pivarnica AD	x		
Prodvinalco SA	x		
PT Delta Djakarta Tbk	x		
PT Multi Bintang Indonesia Tbk	x		
Pungguk Ethanol Co., Ltd.			x
Purcari Wineries Public Co., Ltd.	x		
Qinghai Huzhu TianYouDe Highland Barley Spirit Co., Ltd.	x	x	
Radico Khaitan Limited	x		
Rana Sugars Ltd.			x
Raphael Michel SA	x		
Ravikumar Distilleries Ltd.	x		
Remy Cointreau SA	x		
RES Invest Holding AD	x		
Rocky Mountain Liquor Inc.		x	
ROK Stars Ltd.	x		
Roust Corp.	x	x	
Royal Unibrew A/S	x		
Rubin AD	x		
S.A. Damm	x		
Saigon Beer Alcohol Beverage Corp.	x		

Alcohol Company	Production	Distribution	Services
San Miguel Brewery HK Ltd.	x		
Sapporo Holdings Ltd.	x		
Sarajevska Pivara dd	x		
Scheid Vineyards, Inc.	x		
Schloss Wachenheim AG	x		
Schlumberger GmbH/Austria/	x		
Sechaba Brewery Holdings Ltd.	x		
Sektkellerei J. Oppmann AG	x		
Shanghai Bairun Investment Holding Group Co., Ltd.	x		
ShangHai JinFeng Wine Co. Ltd.	x		
Shanxi Xinghuacun Fen Wine Factory Co., Ltd.	x		
Shede Spirits Co., Ltd.	x		
Shepherd Neame Ltd.	x	x	
Sichuan Swellfun Co., Ltd.	x		
Silver Base Group Holdings Limited		x	
Silver Oak (India) Ltd.	x		
Simonds Farsons Cisk Plc	x	x	
Societe Commerciale de Brasserie SA	x		
Societe des Boissons du Maroc SA	x		
SOLIBRA SA	x		
SOM DISTILLERIES & BREWERIES LIMITED	x		
Stock Spirits Group Ltd.	x		
Sula Vineyards Ltd.	x		
Suntory Holdings Ltd.	x		
Takara Holdings, Inc.	x		
Tanzania Breweries Ltd.	x		
Thai Beverage Public Company Limited	x		
Thang Long Wine JSC	x		
The Boston Beer Company, Inc.	x		
The Duckhorn Portfolio, Inc.	x		
Tibet Development Co., Ltd.	x		
Tiber Water Resources Ltd.	x		
Tilaknagar Industries Ltd.	x		
Todoroff AD	x		
Tonghua Grape Wine Co., Ltd.	x	x	
Treasury Wine Estates Limited	x		
Truett-Hurst, Inc.	x		
Tsingtao Brewery Company Limited	x		
Turk Tuborg Bira ve Malt Sanayii AS	x		
UAB Kalnapilio Tauro Grupe	x		
Umida Group AB	x		
Union de Cervecerias Peruanas Backus y Johnston SAA	x		
United Breweries (Holdings) Ltd.	x		
United Breweries Limited	x		
United Malt Group Ltd.			x
United Spirits Limited	x		
Vilniaus Degtine AB	x		x
Vina Concha y Toro SA	x		
Vina San Pedro Tarapaca SA	x		
Vina Santa Rita SA	x		
Vinedos Emiliana SA	x		
Vintage Wine Estates, Inc.	x	x	x
Vranken-Pommery Monopole SA	x		
Waterloo Brewing Ltd.	x		
Willamette Valley Vineyards, Inc.	x		
Wuliangye Yibin Co., Ltd.	x		
Xinjiang Yilite Industry Co., Ltd.	x		
Yamaya Corp.	x	x	
Yantai ChangYu Pioneer Wine Co., Ltd.	x		
Yomeishu Seizo Co., Ltd.	x		
Zambian Breweries PLC	x		
Zavod Soloda i Piva OJSC	x		
Zhejiang Guyuelongshan Shaoxing Wine Co., Ltd.	x		
ZJLD Group, Inc.	X		
Zwack Unicum Nyrt.	X	x	
Total excluded companies	280	23	20

Gambling

Gambling refers to the wagering of money on a game or event such as sports, cards or dice games, gaming machines and lotteries. Gambling has historically taken place in physical venues but is now also taking place online.

Gambling Company	Production	Distribution	Services
(I.Z.) Queenco Ltd.	x		
32Red Ltd.	x		
365 Media Group Ltd.	x		
Accel Entertainment, Inc.	x		
Acroud AB			x
Affinity Gaming Finance Corp.	x		
Affinity Gaming LLC	x		
AG&E Holdings, Inc.			x
Agility Real Estate Inc.	x		
AGTech Holdings Limited	x	x	x
Ainsworth Game Technology Ltd.			x
Alliance Global Group Cayman Islands, Inc.	x		
Alliance Global Group, Inc.	x		
Allwyn International as	x		
American Casino & Entertainment Properties LLC	x		
Angler Gaming plc	x		
Aristocrat Leisure Limited			x
Aspire Global Ltd.			x
Automatic Systems Ltd.	x		
B90 Holdings Plc	x		x
Bally's Corporation	x		
Belle Corp.	x		x
Berjaya Assets Bhd.	x		
Berjaya Corporation Berhad	x		x
Berjaya Land Berhad	x		x
Best of the Best Plc	x		
BestGames Holdings Ltd.	x		
Bet-At-Home.com AG	x		
Betfair Group Ltd.	x		
BetMakers Technology Group Ltd			x
Betsson AB	x		
Better Collective A/S			x
Blick Global Group AB			x
Bloomberry Resorts Corporation	x		
BNN Technology plc			x
Boldt SA	x		x
Boyd Gaming Corporation	x		
Bragg Gaming Group Inc.			x
Buffalo Thunder Development Authority	x		
Butler National Corporation			x
Bwin.party digital entertainment plc	x		
Caesars Entertainment, Inc.	x		
Caesars Growth Properties Holdings LLC	x		
Caesars Holdings, Inc.	x		
Caesars Operating Escrow LLC	x		
Canterbury Park Holding Corporation	x		
Catena Media plc			x
CCM Merger Inc.	x		
Centric Holdings SA	x		
Century Casinos, Inc.	x		
Cherry AB	x		x
Chester Downs & Marina LLC	x		
China Ecotourism Group Limited			x

Gambling Company	Production	Distribution	Services
China Sports Industry Group Co., Ltd.			x
Choctaw Resort Development Enterprise, Inc.	x		
Chukchansi Economic Development Authority	x		
Churchill Downs Incorporated	x		
Cirsa Finance International SARL	x		x
Cirsa Funding Luxembourg SA	x		x
CIRSA Gaming Corp. SA	x		x
CityCenter Holdings LLC	x		
Cleopatra Finance Ltd.			x
Club Hipico de Santiago SA	x		
Contagious Gaming Inc.			x
Crazy Sports Group Limited		x	x
CRC Escrow Issuer LLC	x		
Crown Resorts Limited	x		
Delta Corp. Ltd. (India)	x		
Deq Systems Corp.			x
DigiPlus Interactive Corp.	x		
Donaco International Limited	x		
Downstream Development Authority (Oklahoma)	x		
DraftKings Inc.	x		x
DYNAM Japan Holdings Co., Ltd.	x		
EBET, Inc.	x		
Elray Resources, Inc.	x		x
Elys BMG Group, Inc.	x		x
Emperor Entertainment Hotel Limited	x		
Emperor International Holdings Limited	x		
Empire Resorts, Inc.	x		
Enjoy SA	x		
Enlabs AB	x		
Entain Plc	x		
Estoril Sol SGPS SA	x		
Eumundi Group Limited	x		
Everi Games Holding, Inc.			x
Everi Holdings, Inc.			x
Everi Payments, Inc.			x
Evoke Plc	x		x
Evolution AB			x
Evolution Services Sweden AB			x
Fable Media Group AB			x
Firekeepers Development Authority	x		
Flutter Entertainment Plc	x		
Fortuna Entertainment Group NV	x		
Four Corners, Inc.			x
Fujishoji Co., Ltd.			x
Full House Resorts, Inc.	x		
Galaxy Entertainment Group Limited	x		
Galaxy Gaming, Inc.			x
Gambling.com Group Limited			x
Gamecard-Joyco Holdings, Inc.			x
Gamehost Inc.	x		
Gamenet SpA	x		
Gamesys Group Ltd.	x		
Gaming Corps AB			x
Gaming Innovation Group, Inc.			x
Gaming Partners International Corp.			x
Gaming Realms plc			x
Gamma Civic Ltd.	x		
Gan (UK) Ltd.			x
GAN Ltd.	x		x
Gateway Casinos & Entertainment Ltd.	x		

Gambling Company	Production	Distribution	Services
Genting Berhad	x		
Genting Malaysia Berhad	x		
Genting Singapore Limited	x		
Global Gaming 555 AB	x		
GOHL Capital Ltd.	x		
Golden Entertainment, Inc.	x		
Golden Nugget Escrow, Inc.	x		
Golden Nugget Online Gaming, Inc.	x		
Golden Nugget, Inc.	x		
Grand Korea Leisure Co., Ltd.	x		
Grand Parade Investments Ltd.	x		x
Graton Economic Development Authority (California)	x		
Great Canadian Gaming Corporation	x		
Greek Organisation of Football Prognostics SA	x		
Greektown Holdings LLC	x		
Groupe Partouche SA	x		
Guoco Group Limited	x		
Heiwa Corp.			x
Hosken Consolidated Investments Ltd.	x		
HSP Gaming LP	x		
Imperial Pacific International Holdings Limited	x		
Inn of the Mountain Gods Resort Casino	x		
Inspired Entertainment, Inc.			x
Intecq Ltd.			x
Integrity Gaming ULC			x
International Entertainment Corporation	x		
International Game Technology Plc			x
Intralot Capital Luxembourg SA			x
Intralot Finance Luxembourg SA			x
INTRALOT SA			x
Isle of Capri Casinos LLC	x		
JACK Entertainment LLC	x		
Jack Ohio Finance LLC	x		
Jackpot Digital Inc.			x
Jacobs Entertainment, Inc.	x		
Jumbo Interactive Limited		x	x
Kai Chieh International Investment Ltd.	x		
Kambi Group plc			x
Kangwon Land, Inc.	x		
Keck Seng Investments (Hong Kong) Limited	x		
Kinbasha Gaming International, Inc.	x		
Kindred Group plc	x		
KONAMI Group Corp.			x
La Francaise des Jeux SA	x		x
Ladbrokes Group Finance Plc	x		
Landry's Acquisition Co.	x		
Landry's Holdings II, Inc.	x		
Landry's LLC	x		
Las Vegas Sands Corp.	x		
Lasseters International Holdings Ltd.	x		
LeoVegas AB	x		
LHMC Finco 2 SARL	x		
Light & Wonder International, Inc.			x
Light & Wonder, Inc.			x
LiNiu Technology Group	x		x
LLPL Capital Pte Ltd.	x		
Lotarija na Makedonija AD Skopje	x		
Lotte Tour Development Co., Ltd.	x		
Lotto24 AG			x
Lottomatica Group SpA	x		

Gambling Company	Production	Distribution	Services
Lottomatica SpA	x		
Macau Legend Development Limited	x		
Magnum Berhad	x		
Mandalay Resort Group	x		
Manila Jockey Club, Inc.	x		
Marina District Development Co. LLC	x		
Marina District Finance Co., Inc.	x		
Mars Group Holdings Corp.			x
Maverick Acquisition Canada ULC Corp.	x		
Melco International Development Limited	x		
Melco Resorts & Entertainment (Philippines) Corp.	x		
Melco Resorts & Entertainment Limited	x		
Melco Resorts Finance Ltd.	x		
MGM China Holdings Limited	x		
MGM Resorts International	x		
MGP Escrow Issuer LLC	x		
Midwest Gaming Borrower LLC	x		
Mohegan Gaming & Entertainment	x		
Monarch Casino & Resort, Inc.	x		
Monte-Carlo Societe des Bains de Mer SA	x		
Mr Green & Co. AB	x		
NagaCorp Ltd.	x		
NeoGames SA			x
Net Holding AS	x		
NetPlay TV Ltd.	x		
Nevada Gold & Casinos, Inc.	x		
Newbury Racecourse Plc	x		
Nexseq Plc			x
Niraku GC Holdings, Inc.	x		
Novomatic AG	x		x
Odyssey Europe Holdco SARL	x		
OIZUMI CORP.			x
Ollamani SAB	x		
Olympia Industries Berhad	x		
Olympic Entertainment Group AS	x		
Pacific Online Systems Corp.			x
Paradise Co., Ltd.	x		
Paradise Entertainment Limited			x
Parpro Corp.			x
Peermont Global (Pty) Ltd.	x		
Peninsula Gaming, LLC	x		
PENN Entertainment, Inc.	x		
pferdewetten.de AG	x		x
Philweb Corporation	x	x	x
Phumelela Gaming & Leisure Ltd.	x		
Pinnacle Entertainment, Inc.	x		
PlayAGS, Inc.			x
Playsafe Holding AS			x
Playtech plc	x		x
PNK Finance Corp.	x		
PointsBet Holdings Limited			x
Pollard Banknote Limited			x
Premium Leisure Corp.	x		x
PT (Jersey) Ltd.	x		x
Raketech Group Holding Plc			x
Rank Group Plc	x		
Red Rock Resorts, Inc.	x		
Redcape Hotel Group Management Ltd.	x		
Reef Casino Trust	x		
REXLot Holdings Ltd.		x	x

Gambling Company	Production	Distribution	Services
RGB International Bhd.			x
River Rock Entertainment Authority	x		
Rivers Pittsburgh Borrower LP	x		
Royal Highgate PCL			x
Royal International Corp.	x		
Rush Street Interactive, Inc.	x		x
Sands China Ltd.	x		
Sankyo Co., Ltd.			x
Score Media and Gaming Inc.	x		x
Scout Gaming Group AB			x
Secure Electronic Technology Plc	x		
Seminole Hard Rock Entertainment, Inc.	x		
Seneca Gaming Corp.	x		
Seven Aces Limited	x		
Shingle Springs Tribal Gaming Authority	x		
Silver Heritage Group Ltd.	x		x
SJM Holdings Limited	x		
SkyCity Entertainment Group Limited	x		
SNAITECH SpA	x		
Snoqualmie Entertainment Authority	x		
Sociedad Hipodromo Chile SA	x		
Societe Fermiere du Casino Municipal de Cannes SA	x		
Societe Francaise de Casinos SA	x		
Southwest Casino Corp.	x		
Sportech PLC	x		x
Sportingbet Ltd.	x		
Sports Toto Bhd.	x		x
Station Casinos LLC	x		
Stride Gaming Ltd.	x		
STS Holding SA	x		
Studio City Co. Ltd.	x		
Studio City Finance Ltd.	x		
Studio City International Holdings Limited	x		
SugarHouse HSP Gaming LP	x		
SugarHouse HSP Gaming Prop. Mezz LP	x		
Summit Ascent Holdings Limited	x		
Sun International Ltd.	x		
Sunborn (Gibraltar) Ltd.	x		
Super Group (SGHC) Ltd.	x		
Supreme Ventures Ltd.	x		
Szygy Entertainment Ltd.			x
Tabcorp Holdings Limited	x		x
Tabcorp Maxgaming Holdings Ltd.	x		
Table Trac, Inc.			x
Tangiamo Touch Technology AB			x
The Intertain Group Limited	x		
The Lottery Corporation Limited	x		
The Majestic Star Casino LLC	x		
The Seminole Tribe of Florida, Inc.	x		
The Star Entertainment Group Limited	x		
The Stars Group Inc.	x		
Tintra Ltd.			x
Tokyotokeiba Co., Ltd.	x		
Travellers International Hotel Group, Inc.	x		
Tropicana Entertainment, Inc.	x		
Tsogo Sun Ltd.	x		
Tsuburaya Fields Holdings, Inc.			x
Tunica Biloxi Gaming Authority	x		
Tunica-Biloxi Tribe of Louisiana	x		
Universal Entertainment Corp.	x		x

Gambling Company	Production	Distribution	Services
Valparaiso Sporting Club SA	x		
VICI Properties	x		x
Waterfront Philippines, Inc.	x		
Webis Holdings Plc	x		
William Hill Ltd.	x		
WMS Industries, Inc.			x
Wynn Las Vegas LLC	x		
Wynn Macau Limited	x		
Wynn Resorts, Limited	x		
XLMedia Plc			x
ZEAL Network SE	x		
Total excluded companies	231	5	105

Military Equipment

Military equipment refers to equipment that have been developed, designed, or modified for military use based on military specifications. It covers both combat equipment as well as other military equipment with non-lethal functionality.

Military Company	Production	Distribution	Services
Abu Dhabi Ship Building Co.	x	x	
ADS Tactical, Inc.		x	
Aerojet Rocketdyne Holdings, Inc.	x		
Aerospace Industrial Development Corp.	x	x	
Aerostar SA	x	x	
AeroVironment, Inc.	x	x	
AirBoss of America Corp.	x		
Airbus Finance BV	x	x	
Airbus SE	x	x	
AMMO, Inc.	x		
Apollo Micro Systems Limited	x	x	
Aryt Industries Ltd.	x		
Asahi-Seiki Manufacturing Co., Ltd.	x		
Aselsan Elektronik Sanayi ve Ticaret AS	x	x	x
Astra Microwave Products Limited	x		
Austal Limited	x	x	
Avic (Chengdu) UAS Co., Ltd.	x	x	
AVIC Airborne Systems Co., Ltd.	x		
AVIC Shenyang Aircraft Co., Ltd.	x	x	
AVIC Xi'an Aircraft Industry Group Co., Ltd.	x	x	
AviChina Industry & Technology Company Limited	x	x	
Avicopter Plc	x	x	
Avio S.p.A.	x	x	
Babcock International Group Plc	x	x	
BAE Systems (Finance) Ltd.	x	x	
BAE Systems Plc	x	x	
BCA Customer Finance, Inc.	x	x	
BEML Limited	x	x	
Bharat Dynamics Limited	x	x	
Bharat Electronics Limited	x	x	
Booz Allen Hamilton Holding Corporation			x
Booz Allen Hamilton, Inc.			x
Boustead Heavy Industries Corporation Berhad	x	x	
Butler National Corporation	x	x	
BWX Technologies, Inc.			x
CACI International Inc			x
Chemring Group Plc	x	x	
China Aerospace Science & Technology Corp.	x	x	
China Aerospace Times Electronics Co., Ltd.	x	x	
China North Industries Group Corp. Ltd.	x	x	
China Poly Group Corp. Ltd.	x	x	x
China Shipbuilding Industry Co., Ltd.	x	x	
China South Industries Group Co., Ltd.	x	x	
China State Shipbuilding Corp. Ltd.	x	x	
CIRCOR International, Inc.	x	x	
Clarus Corporation	x		
Cochin Shipyard Limited	x	x	
Coherent Corp.	x		
Cohort Plc	x	x	
Colt CZ Group SE	x	x	x
Colt Defense LLC	x	x	
CPI Aerostructures, Inc.	x		
CSBC Corp. Taiwan	x	x	
CSSC Capital 2015 Ltd.	x	x	
CSSC Capital Two Ltd.	x	x	
Curtiss-Wright Corporation	x		
Dassault Aviation SA	x	x	
Data Patterns (India) Ltd.	x	x	
Destini Berhad	x	x	
Ducommun Incorporated	x		
DynCorp (Parent) International Inc.			x
Eaton Capital ULC	x	x	
Eaton Corporation plc	x	x	
Elbit Systems Ltd.	x	x	
Electro Optic Systems Holdings Limited	x	x	
Embraer Netherlands Finance BV	x	x	
Embraer Overseas Ltd.	x	x	
Embraer SA	x	x	
EMCORE Corporation	x		
Esterline Technologies Corp.	x		
Exail Technologies SA			x
Fincantieri SpA	x	x	
FIRSTEC Co., Ltd.	x	x	

Military Company	Production	Distribution	Services
Fluor Corporation	x		
Garden Reach Shipbuilders & Engineers Limited	x	x	
GE Aerospace	x		
GE Capital Canada Funding Co.	x		
GE Capital European Funding Unlimited Co.	x		
GE Capital International Funding Company Unlimited Co.	x		
GE Capital UK Funding Unlimited Co.	x		
General Dynamics Corporation	x	x	
General Electric Capital Corp.	x		
Graham Corporation	x	x	
H&K AG	x	x	
Hanwha Aerospace Co., Ltd.	x	x	
Hanwha Corp.	x	x	
Hanwha Systems Co., Ltd.	x	x	
HBL Power Systems Limited	x	x	
Heckler & Koch GmbH	x	x	
HEICO Corporation	x	x	
HENSOLDT AG	x	x	
HFCL Limited	x		
HII Mission Technologies Corp.			x
Hindustan Aeronautics Ltd.	x	x	
HJ SHIPBUILDING & CONSTRUCTION Co., Ltd.	x	x	
Honeywell International Inc.	x	x	
Howa Machinery, Ltd.	x		
Huntington Ingalls Industries, Inc.	x	x	
HYUNDAI ROTEM Co.	x	x	
Iar SA			x
IHI Corp.	x	x	
Imco Industries Ltd.	x		
Indra Sistemas SA			x
Inner Mongolia First Machinery Group Co., Ltd.	x		
Intracom Holdings SA	x	x	
Jacobs Solutions, Inc.			x
James Fisher & Sons plc	x	x	
Jiangxi Hongdu Aviation Industry Co., Ltd.	x	x	
Jihua Group Corp. Ltd.		x	
Kaman Corporation	x	x	
Kawasaki Heavy Industries Ltd.	x	x	
KBR, Inc.			x
Kirov Mayak Plant OAO	x	x	
Kongsberg Gruppen ASA	x	x	
Korea Aerospace Industries Ltd.	x	x	
Kratos Defense & Security Solutions, Inc.	x	x	
L3 Technologies, Inc.	x	x	
L3Harris Technologies, Inc.	x	x	
Leidos Holdings, Inc.	x	x	
Leidos, Inc.	x	x	
Leonardo DRS, Inc.	x	x	
Leonardo SpA	x	x	
Leonardo US Holding, Inc.	x	x	
LIG Nex1 Co., Ltd.	x	x	
LMI Aerospace, Inc.			x
Lockheed Martin Corporation	x	x	
Lumibird SA	x	x	
Machine Building Plant Arsenal OJSC	x		
Magellan Aerospace Corporation	x	x	
ManTech International Corporation			x
Mazagon Dock Shipbuilders Ltd.	x	x	
Meggitt Ltd.	x	x	
Mishra Dhatu Nigam Limited			x
Mitsubishi Heavy Industries, Ltd.	x	x	
Moog Inc.	x	x	
Moscow Machine Building Plant Vpered JSC	x		
Motor Sich JSC			x
MS International plc	x	x	
National Presto Industries, Inc.	x	x	
NC Kazakhstan Engineering JSC	x	x	
NOF Corp.	x	x	
North Industries Group Red Arrow Co., Ltd.	x	x	
North Navigation Control Technology Co., Ltd.	x		
Northrop Grumman Corporation	x	x	
Northrop Grumman Systems Corp.	x	x	
Oceaneering International, Inc.			x
Olin Corporation	x		
Optex Systems Holdings, Inc.	x		
Oshkosh Corporation	x	x	
Otokar Otomotiv ve Savunma Sanayi AS	x	x	
PAE Incorporated			x
Parker-Hannifin Corporation	x	x	
Parsons Corporation			x

Military Company	Production	Distribution	Services
Poongsan Corp.	x		
POONGSAN HOLDINGS Corp.	x		
Premier Explosives Ltd.	x	x	
QinetiQ Group plc	x	x	
Raytheon Co.	x	x	
Reliance Naval & Engineering Limited	x	x	
Reunert Ltd.	x	x	
Rheinmetall AG	x	x	
Ricardo plc			x
Rolta Americas LLC	x	x	
Rolta India Limited	x	x	
Rolta LLC	x	x	
Romaero SA			x
RSL Electronics Ltd.	x	x	
RTX Corporation	x	x	
SA Belge De Constructions Aeronautiques			x
Safran SA	x	x	
Science Applications International Corporation	x	x	
SDT Uzay ve Savunma Teknolojileri AS	x		
Serco Group Plc			x
Singapore Technologies Engineering Ltd.	x	x	
SK Oceanplant Co., Ltd.	x		
Smith & Wesson Brands, Inc.	x	x	
SNT DYNAMICS Co., Ltd.	x		
Special Machine Building & Metallurgy PJSC	x	x	
Spirit AeroSystems Holdings, Inc.	x	x	
Spirit AeroSystems, Inc.	x	x	
ST Engineering Financial I Ltd.	x	x	
Saab Ab	x	x	
TA Mfg Ltd.	x		
Taurus Armas SA	x	x	
Techpribor PJSC	x		
Teledyne FLIR LLC	x	x	
Teledyne Technologies Incorporated	x	x	
Textron Financial Corp.	x	x	
Textron Inc.	x	x	
Thales Belgium SA	x	x	
Thales SA	x	x	
The Boeing Company	x	x	
TransDigm Group Incorporated	x	x	
TransDigm, Inc.	x	x	
Tula Gun Factory JSC	x		
V. A. Degtyarev Plant OJSC	x		
V2X, Inc.			x
Verney-Carron SA	x		
Vista Outdoor Inc.	x		
VSE Corporation			x
Walchandnagar Industries Ltd.	x	x	
Woodward, Inc.	x	x	
Wuhan Guide Infrared Co., Ltd.	x		
AAR Corp.			x
Total excluded companies	177	137	28

Fossil Fuel

Fossil fuel, any of a class of hydrocarbon containing materials of biological origin occurring within Earth's crust that can be used as a source of energy. Fossil fuels include coal, petroleum, natural gas, oil shales, bitumens, tar sands, and heavy oils.

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
2i Rete Gas SpA				x		
3i Infrastructure PLC			x		x	x
88 Energy Limited		x	x			
A2A SpA			x	x	x	
AB Ignitis Gamyba			x		x	
AB Igrene	x					
Aban Offshore Limited						x
ABL Group ASA						x
Aboitiz Equity Ventures, Inc.			x		x	
Aboitiz Power Corp.			x		x	
Abraxas Petroleum Corporation		x	x			
Absolute Clean Energy Public Company Limited			x		x	
Abterra Ltd.				x		x
Abu Dhabi Crude Oil Pipeline LLC				x		
Abu Dhabi National Energy Co. PJSC		x	x		x	
Abu Dhabi National Oil Co. for Distribution PJSC				x		
ACEN Corporation			x		x	
ACWA Power Co.			x		x	
Adams Resources & Energy, Inc.				x		x
Adani Electricity Mumbai Ltd.			x		x	
Adani Enterprises Limited		x	x	x		
Adani Power Limited			x		x	
Adani Total Gas Limited				x		
Ades Holding Co.						x
ADNOC Drilling Co. PJSC						x
ADNOC Gas Plc			x			
ADNOC Logistics & Services Plc				x		x
Advantage Energy Ltd.		x	x	x		
Aegis Logistics Ltd.				x		
Aenza SAA		x	x	x		x
AES Andes SA			x	x	x	
AES Argentina Generacion SA			x		x	
AES El Salvador Trust II			x		x	
AES Espana BV			x		x	
Africa Oil Corp.		x	x			
African Rainbow Minerals Ltd.		x	x			
AGL Energy Limited			x	x	x	
AgriTrade Resources Limited		x	x		x	x
Ahlatci Dogal Gaz Dagitim Enerji ve Yatirim AS				x		
Al Candelaria (Spain) SLU				x		
Air Water, Inc.				x		
Akastor ASA						x
Akenerji Elektrik Uretim AS			x		x	
Aker ASA		x	x			x
Aker BP ASA		x	x			
Aker Solutions ASA						x
Aksa Enerji Uretim AS			x		x	
Alabama Power Company			x		x	
Alarko Holding AS			x		x	x
Albanesi SA			x		x	
Albioma SA			x		x	
Aldrees Petroleum & Transport Services Co.				x		x
Alexandria Mineral Oils Co.			x			

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Algonquin Power & Utilities Corp.			x	x	x	
ALLETE, Inc.		x	x		x	
Alliance Holdings GP LP		x	x			x
Alliance Oil Co., Ltd.		x	x			
Alliance Resource Operating Partners LP		x	x			x
Alliance Resource Partners LP		x	x			x
Alliant Energy Corporation			x	x	x	
Alon USA Energy, Inc.			x			
Alpha Metallurgical Resources, Inc.		x	x			
Alpiq Holding AG			x	x	x	
Alta Mesa Holdings, LP		x	x			
Alta Mesa Resources, Inc.		x	x	x		
AltaGas Ltd.			x	x	x	
Altera Infrastructure LP						x
Altera Shuttle Tankers LLC						x
Altius Minerals Corporation		x	x			
Amazing Energy Oil & Gas Co.		x	x			
Amec Foster Wheeler Ltd.						x
Ameren Corporation			x	x	x	
American Biofuels, Inc.	x					
American Electric Power Company, Inc.			x		x	
American Tanker, Inc.						x
AmeriGas Finance LLC				x		
AmeriGas Partners, L.P.				x		
Amerisur Resources Ltd.		x	x			
Amplify Energy Corp.		x	x			
Ampol Limited			x	x		
An Hui Wenergy Co., Ltd.			x	x	x	
Anadarko Petroleum Corporation		x	x	x		
Andeavor LLC			x			
Anglo American Capital Plc		x	x	x		
Anglo American plc		x	x	x		
Anhui Hengyuan Coal Industry & Electricity Power Co., Ltd.		x	x		x	
AntarChile SA				x		
Antero Midstream Corporation				x		x
Antero Midstream Partners LP				x		x
Antero Resources Corporation		x	x	x		
Antero Resources Finance Corp.		x	x	x		
Anton Oilfield Services Group						x
APA CORPORATION		x	x	x		
APA Group			x	x	x	
APA Infrastructure Ltd.			x	x	x	
Apache Corp.		x	x	x		
Apache Finance Canada LLC		x	x	x		
Apetra SA				x		
Appalachian Power Co.			x		x	
Approach Resources Inc.		x	x			
Aquila Holdings ASA						x
ARC Resources Ltd.		x	x	x		
Arch Resources, Inc.		x	x			
Archer Ltd.						x
Archrock Partners LP						x
Archrock, Inc.						x
Ardmore Shipping Corporation						x
Arizona Public Service Co.			x		x	
ARKO Corp.				x		
Armour Energy Limited		x	x			
Arrow Exploration Corp.		x	x			
Ascent Resources Utica Holdings LLC		x	x			
Ascopiave SpA				x		
Ashdod Refinery Ltd.			x			

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Asia Cement Corp.			x		x	
Aspire Mining Limited	x					
ATCO Ltd.			x	x	x	
Athabasca Oil Corporation		x	x			
Atlantic Petroleum P/F			x			
Atlantic Power Corporation			x		x	
Atlantica Sustainable Infrastructure Plc			x		x	
Atlas Energy Group LLC		x	x			
Atlas Energy Solutions, Inc.						x
Atmos Energy Corporation				x		
Attock Petroleum Ltd.				x		
Audax Renovables SA				x		
Aurizon Network Pty Ltd.						x
Aurora LPG Holding AS						x
Ausnet Pty Ltd. (Victoria)				x		
AusNet Services Holdings Pty Ltd.				x		
AusTex Oil Ltd.			x			
Australis Oil & Gas Limited		x	x			
Autobahn Tank & Rast Gruppe GmbH & Co. KG				x		
Avance Gas Holding Ltd.						x
Avangrid, Inc.			x	x	x	
Avista Corporation			x	x	x	
AWE Pty Ltd.		x	x			
AXP Energy Limited		x	x			
Aygaz AS				x		
B.Grimm Power Public Co. Ltd.			x		x	
Baker Hughes Company						x
Baker Hughes Holdings LLC						x
Baltimore Gas & Electric Co.				x		
Bangchak Corporation Public Company Limited		x	x	x		
Bangchak Sriracha Public Company Limited			x			
Bangkok Aviation Fuel Services Public Co., Ltd.				x		
Banpu Power Public Co. Ltd.			x		x	
Banpu Public Company Limited		x	x	x	x	
Barnwell Industries, Inc.		x	x			
Bashneft PJSOC		x	x			
Basic Energy Services, Inc.						x
Baskent Dogalgaz Dagitim Gayrimenkul Yatirim Ortakligi AS				x		
Bathurst Resources Limited		x	x			x
Battalion Oil Corporation		x	x			
Baytex Energy (LP) Ltd.		x	x			
Baytex Energy Corp.		x	x			
Beach Energy Limited		x	x			
Beijing Energy Investment Holdings Ltd.		x	x	x	x	
Beijing Enterprises Holdings Limited				x		
Beijing Gas Blue Sky Holdings Limited				x		x
Beijing Haohua Energy Resource Co., Ltd.		x	x			x
Beijing Jingneng Clean Energy Co., Limited			x		x	
Beijing Jingneng Power Co., Ltd.			x		x	
Belgelec Finance SA			x	x	x	
Bellis Acquisition Co. Plc				x		
Berkshire Hathaway Energy Co.			x	x	x	
Berry Corporation		x	x		x	x
Berry Petroleum Co. LLC		x	x		x	x
Bestsun Energy Co., Ltd.			x	x		
Bestway Marine & Energy Technology Co., Ltd.				x		
Bharat Petroleum Corporation Limited			x			
BHP Billiton Finance (USA) Ltd.		x	x			

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
BHP Billiton Finance BV		x	x			
BHP Billiton Finance Ltd.		x	x			
BHP Group Limited		x	x			
Bighorn Permian Resources LLC		x	x			
Biglari Holdings Inc.		x	x			
Binh Son Refining & Petrochemical Co. Ltd.			x			
Binhai Investment Company Limited				x		x
Birchcliff Energy Ltd.		x	x	x		
Bisichi Plc		x	x			
Bison Merger Sub I LLC						x
BKW AG			x		x	
BKW Energie AG			x		x	
Black Hills Corporation		x	x	x	x	
Black Stone Minerals, LP.		x	x			
BlackPearl Resources, Inc.		x	x			
Blue Racer Finance Corp.				x		
Blue Racer Midstream LLC				x		
Blue Star Helium Limited		x	x			
BlueNord ASA		x	x			
Bluewater Energy Services BV						x
BOA SBL AS						x
Boardwalk Pipeline Partners LP				x		x
Boardwalk Pipelines LP				x		x
Bollere SE				x		
Bonavista Energy Corporation		x	x			
Bonterra Energy Corp.		x	x			
Borets Finance DAC						x
Borr Drilling Ltd.						x
Boston Gas Co.				x		
BOURBON Maritime SASU						x
Boustead Holdings Berhad				x		
Bowen Coking Coal Limited		x	x			
BP Capital Markets America, Inc.		x	x			
BP Capital Markets BV		x	x			
BP Capital Markets Plc		x	x			
BP plc		x	x			
BPRL International Singapore Pte Ltd.			x			
Braskem America Finance Co.			x	x		
Braskem Finance Ltd.			x	x		
Braskem Netherlands Finance BV			x	x		
Braskem SA			x	x		
Brava Energia		x	x			x
Brickworks Limited		x	x			
Brightoil Petroleum (Holdings) Ltd.		x	x	x		x
BRISTOW GROUP INC.						x
Brooge Energy Limited				x		
Brooge Petroleum & Gas Investment Co. FZE				x		
Brookfield Business Partners LP				x		
Brookfield Infrastructure Corporation				x		
Brookfield Infrastructure Finance LLC				x		
Brookfield Infrastructure Finance ULC				x		
Brookfield Infrastructure Partners LP				x		
Brookside Energy Limited		x	x			
Bruin E&P Partners LLC		x	x			
Buckeye Partners, LP.				x		
Bulgarian Energy Holding EAD		x	x	x	x	
Bumi Armada Berhad						x
Bumi Investment Pte Ltd.		x	x			
BW Energy Ltd.		x	x			
BW Group Ltd.						x

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
BW LPG Ltd.				x		x
BW Offshore Ltd.		x	x			x
Cactus, Inc.						x
Cadent Finance Plc			x	x	x	x
Cadogan Energy Solutions Plc		x	x			
CalEnergy Generation LLC			x		x	
Calfrac Holdings LP						x
Calfrac Well Services Ltd.						x
California Resources Corporation		x	x	x	x	
Callon Petroleum Company		x	x	x		
Calpine Corp.			x	x	x	
Calumet, Incorporated			x			
Camber Energy, Inc.		x	x			
Cameron LNG LLC				x		
Can2 Termik AS			x		x	
Canacol Energy Ltd.		x	x			
Canadian Natural Resources Limited		x	x			
Canadian Utilities Limited			x	x	x	
CanAsia Energy Corp.	x					
Canvas Energy, Inc.		x	x			
Capex SA		x	x		x	
Capital Power Corporation			x		x	
Capitan Investment Ltd.		x	x			
Capricorn Energy Plc		x	x			
CARBO Ceramics Inc.						x
Cardinal Energy Ltd.		x	x			
Carnarvon Energy Limited	x					
Cenovus Energy Inc.		x	x	x		
CenterPoint Energy Resources Corp.				x		
CenterPoint Energy, Inc.			x	x	x	
Central Puerto SA			x	x	x	x
Centrica Plc		x	x	x		
CEPSA Finance SAU		x	x			
Cequence Energy Ltd.		x	x			
CES Energy Solutions Corp.						x
CESC Ltd.			x		x	
CEZ as		x	x	x	x	
CGN New Energy Holdings Co., Ltd.			x		x	
CH Energy Group, Inc.			x	x	x	
ChampionX Corporation						x
Chandra Prabhu International Ltd.				x		
Channel Infrastructure NZ Limited			x	x		
Chariot Ltd.	x					
Cheniere Corpus Christi Holdings LLC				x		
Cheniere Energy Partners LP				x		
Cheniere Energy, Inc.				x		
Chennai Petroleum Corporation Limited			x			
Chesapeake Energy Corporation		x	x			
Chesapeake Utilities Corporation			x	x	x	x
Cheung Kong Infrastructure Finance (BVI) Ltd.			x	x	x	
Chevron Corporation		x	x			
Chevron U.S.A., Inc.		x	x			
China Aviation Oil (Singapore) Corp. Ltd.				x		
China Coal Energy Company Limited		x	x	x	x	x
China Coal Xinji Energy Co., Ltd.		x	x		x	
China Gas Holdings Limited				x		x
China High Speed Transmission Equipment Group Co., Ltd.				x		x
China HK Power Smart Energy Group Limited				x		x
China Huadian Corp., Ltd.		x	x		x	

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
China Huadian Overseas Development 2018 Ltd.		x	x		x	
China Huadian Overseas Development Management Co., Ltd.		x	x		x	
China Huaneng Group Co., Ltd.		x	x		x	
China Huarong Energy Company Limited		x	x			x
China Longyuan Power Group Corp. Ltd.			x	x	x	x
China Merchants Energy Shipping Co., Ltd.						x
China National Chemical Corp., Ltd.			x			
China National Petroleum Corp.		x	x			
China Oil and Gas Group Limited		x	x	x		
China Oilfield Services Limited						x
China Petrochemical Corp.		x	x			
China Petroleum & Chemical Corporation		x	x			
China Petroleum Engineering Corp.						x
China Power Clean Energy Development Company Limited			x		x	
China Power International Development Limited			x		x	
China Qinfa Group Limited		x	x			
China Resources Gas Group Limited				x		x
China Resources Power Holdings Co., Ltd.			x		x	
China Risun Group Ltd.			x	x		
China Shenhua Energy Company Limited		x	x		x	
China Shenhua Overseas Capital Co., Ltd.		x	x		x	
China Suntien Green Energy Corporation Limited				x		
China Three Gorges Corp.			x	x	x	
Chord Energy Corporation		x	x	x		
Chubu Electric Power Co., Inc.			x		x	
Churchill Mining plc	x					
Cimarex Energy Co.		x	x	x		
Cimarex Resolute LLC		x	x			
CITGO Holding, Inc.			x			
CITGO Petroleum Corp.			x			
CITIC Limited		x	x		x	x
CITIC Resources Finance (2007) Ltd.		x	x	x		
CITIC Resources Holdings Limited		x	x	x		
Civitas Resources, Inc.		x	x			
CK Hutchison Capital Securities (17) Ltd.		x	x	x		
CK Hutchison Capital Securities (Europe) Ltd.		x	x	x		
CK Hutchison Europe Finance (18) Ltd.		x	x	x		
CK Hutchison Europe Finance (21) Ltd.		x	x	x		
CK Hutchison Finance (16) (II) Ltd.		x	x	x		
CK Hutchison Finance (16) Ltd.		x	x	x		
CK Hutchison Group Telecom Finance SA		x	x	x		
CK Hutchison Holdings Limited		x	x	x		
CK Hutchison International (16) Ltd.		x	x	x		
CK Hutchison International (17) II Ltd.		x	x	x		
CK Hutchison International (17) Ltd.		x	x	x		
CK Hutchison International (19) (II) Ltd.		x	x	x		
CK Hutchison International (19) Ltd.		x	x	x		
CK Hutchison International (20) Ltd.		x	x	x		
CK Hutchison International (21) Ltd.		x	x	x		
CK Infrastructure Holdings Limited			x	x	x	
CK Power Public Company Limited			x		x	
Clean Energy Fuels Corp.				x		x
Clearway Energy Operating LLC			x		x	
Clearway Energy, Inc.			x		x	
Cleco Corporate Holdings LLC			x		x	
Cloud Peak Energy Inc.		x	x			x

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Cloud Peak Energy Resources LLC		x	x			x
CLP Holdings Limited			x	x	x	
CMS Energy Corporation			x	x	x	
CNAC (HK) Finbridge Co. Ltd.			x			
CNAC (HK) Synbridge Co., Ltd.			x			
CNOOC Curtis Funding No. 1 Pty Ltd.		x	x	x		
CNOOC Energy Technology & Services Ltd.						x
CNOOC Finance (2003) Ltd.		x	x	x		
CNOOC Finance (2011) Ltd.		x	x	x		
CNOOC Finance (2012) Ltd.		x	x	x		
CNOOC Finance (2013) Ltd.		x	x	x		
CNOOC Finance (2014) ULC		x	x	x		
Cnooc Finance (2015) Australia Pty Ltd.		x	x	x		
CNOOC Finance (2015) U.S.A. LLC		x	x	x		
CNOOC Limited		x	x	x		
CNPC (HK) Overseas Capital Ltd.		x	x			
CNPC General Capital Ltd.		x	x			
CNRC Capital Ltd.			x			
CNRC Capitale Ltd.			x			
CNX Midstream Partners LP				x		
CNX Resources Corporation		x	x	x		
Coal Energy SA		x	x	x		
Coal India Ltd.		x	x			x
Cobalt International Energy, Inc.		x	x			
Colbun SA			x		x	
Colonial Pipeline Co.				x		
Colorado Interstate Gas Co. LLC				x		
Comet Ridge Ltd.	x					
Cometa Energia SA de CV			x		x	
Comision Federal de Electricidad SA de CV			x	x	x	
Compagnie de l'Odet SE				x		
Companhia de Gas de Sao Paulo-Comgas				x		x
Companhia Paranaense de Energia				x		
Compania Espanola de Petroleos SA		x	x			
Compania General de Combustibles SA		x	x			
Comstock Resources, Inc.		x	x	x		
Concho Resources Inc.		x	x			
Concordia Maritime AB						x
Condor Energies Inc.		x	x			
Conoco Funding Co.		x	x			
ConocoPhillips		x	x			
ConocoPhillips Australia Funding Co.		x	x			
ConocoPhillips Canada Funding Co. I		x	x			
ConocoPhillips Canada Funding Co. II		x	x			
ConocoPhillips Co.		x	x			
Conoil Plc				x		
CONSOL Energy Inc.		x	x			
Consolidated Edison Company of New York, Inc.			x	x		
Consolidated Edison, Inc.			x	x	x	
Constellation Energy Corporation			x	x	x	
Constellation Energy Generation LLC			x	x	x	
Constellation Oil Services Holding SA						x
Consumers Energy Company			x	x	x	
Contact Energy Ltd			x	x	x	
Continental Resources, Inc.		x	x			
ContourGlobal Ltd.			x		x	
ContourGlobal Power Holdings SA			x		x	
Conuma Resources Ltd.		x	x			
Cool Co. Ltd.						x
Cooper Energy Limited		x	x			

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Core Laboratories Inc.						x
Coronado Global Resources Inc.		x	x			
Corporacion de Reservas Estrategicas Productos Petroliferos						x
Corral Petroleum Holdings AB			x			
Corsa Coal Corp.		x	x			
Cosan Finance Ltd.				x		
Cosan Luxembourg SA				x		
Cosan Overseas Ltd.				x		
Cosan SA				x		
COSCO SHIPPING Energy Transportation Co., Ltd.						x
COSL Finance (BVI) Ltd.						x
COSL Singapore Capital Ltd.						x
Cosmo Energy Holdings Co., Ltd.		x	x			
Cosmo Oil KK			x			
Coterra Energy Inc.		x	x			
Covey Park Energy LLC			x			
Covia Holdings LLC						x
CQP Holdco LP				x		
Crescent Energy Company		x	x	x		
Crestwood Equity Partners LP				x		x
Crew Energy Inc.		x	x			
CrownRock LP		x	x			
CSI Compressco LP						x
CU, Inc.			x	x	x	
Cubility AS						x
Cumberland Farms, Inc.				x		
CVR Energy, Inc.			x			
CVR Refining LLC			x			
CVR Refining LP			x			
Cydsa SAB de CV				x		
Czech Gas Networks Investments SARL				x		
Daimaru Enawin Co., Ltd.				x		
Daldrup & Soehne AG						x
Dalipal Holdings Limited						x
D'Amico International Shipping SA						x
Dana Gas PJSC		x	x			
Dana Gas Sukuk Ltd.		x	x			
Datang International Power Generation Co., Ltd.		x	x		x	
Dawson Geophysical Company						x
Dayang Enterprise Holdings Bhd.						x
DCC plc				x		
DCP Midstream LP			x	x		
DCP Midstream Operating LP			x	x		
DEA Finance SA		x	x	x		x
Deep Drilling 1 Pte Ltd.						x
Delek & Avner-Yam Thetis Ltd.		x	x			
Delek Energy Systems Ltd.		x	x			
Delek Group Ltd.		x	x			
Delek Logistics Finance Corp.				x		
Delek Logistics Partners LP				x		
Delek Overriding Royalty Leviathan Ltd.		x	x			
Delek US Energy, Inc.			x	x		
Delek US Holdings, Inc.			x	x		
Deleum Bhd.						x
Delmarva Power & Light Co.				x		
Delta Natural Gas Co., Inc.		x	x	x		
Delta Oil & Gas, Inc.		x	x			
Denbury, Inc.		x	x	x		x
Devon Energy Corporation.		x	x	x		
Devon Financing Corp. ULC		x	x	x		

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Dexon Technology Public Co., Ltd.						x
DHT Holdings, Inc.						x
DIALOG Group Berhad						x
Diamond Offshore Drilling, Inc.						x
Diamond S Shipping, Inc.						x
Diamondback Energy, Inc.		x	x	x		
Direct Energie SA			x	x	x	
Diversified Energy Co. Plc		x	x	x		
DMC Global Inc.						x
DMCI Holdings, Inc.		x	x		x	x
DNO ASA		x	x			
DNO North Sea Plc		x	x			
DOF ASA						x
DOF Group ASA						x
DOF Subsea AS						x
Dogan Sirketler Grubu Holding AS				x		
Dolphin Group ASA						x
Dominion Energy, Inc.		x	x	x	x	
Dominion Resources Capital Trust I		x	x	x	x	
Dominion Resources Capital Trust III		x	x	x	x	
Dommo Austria GmbH		x	x			
Dommo Energia SA		x	x			
Dorchester Minerals, L.P.		x	x			
Dorian LPG Ltd.						x
DT Midstream, Inc.				x		
DTE Electric Co.			x		x	
DTE Energy Company			x	x	x	
Dubai Electricity & Water Authority			x		x	
Duke Energy Carolinas LLC			x		x	
Duke Energy Corporation			x	x	x	
Duke Energy Florida LLC			x		x	
Duke Energy Florida Project Finance LLC			x		x	
Duke Energy Ohio, Inc.			x	x	x	
Dwellop AS						x
Dynegy Finance I, Inc.			x	x	x	
E.A. Technique (M) Berhad						x
E.ON International Finance BV				x		
E.ON SE				x		
E1 Corp.				x		
Eagle Energy Inc.		x	x			
EARTH INFINITY CO. LTD.				x		
Earthstone Energy, Inc.		x	x			
Eastcomtrans LLP						x
Eastern Energy Gas Holdings LLC				x		
Eastern Gas Transmission & Storage, Inc.				x		
E-Commodities Holdings Limited			x	x		
Ecopetrol SA		x	x			x
Ecora Resources Plc		x	x			
EDC Finance DAC						x
Edison Spa		x	x	x	x	
EDP Finance BV			x	x	x	
EDP-Energias de Portugal SA			x	x	x	
EER Finance, Inc.		x	x			
Eesti Energia AS		x	x	x	x	
EG Global Finance Plc				x		
EG Group Ltd.				x		
Egypt Kuwait Holding Co. SAE		x	x	x	x	
Eidesvik Offshore ASA						x
El Paso Electric Company			x		x	
El Paso Energy Capital Trust I		x	x	x		x
EL5-Energo PJSC			x		x	

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Electric Power Development Co., Ltd.			x		x	
Electricite de France SA			x	x	x	
Electricity Generating Public Company Limited			x		x	
Electricity Supply Board Ltd.			x	x	x	
ElectroMagnetic GeoServices ASA						x
Elering AS				x		
Eletson Holdings, Inc.						x
Elion Energy Co., Ltd.			x	x	x	
Ellomay Capital Ltd.			x		x	
Elwood Energy LLC			x		x	
Emera Incorporated			x	x	x	
Empire Petroleum Corporation		x	x			
Empresa Electrica Angamos SA			x		x	
Empresa Nacional del Petroleo SA		x	x	x		x
Empresas Copec SA				x		
Empresas Lipigas SA				x		
Empresas Publicas de Medellin ESP			x	x	x	
Enable Midstream Partners LP			x	x		
Enagas Financiaciones SA				x		
Enagas SA				x		
Enauta Participacoes SA		x	x			
Enbridge Energy Management LLC				x		
Enbridge Energy Partners LP				x		
Enbridge Gas, Inc.				x		
Enbridge Inc.				x		x
Enbridge Pipelines, Inc.				x		
EnBW Energie Baden Wuerttemberg AG			x	x	x	
ENBW International Finance BV			x	x	x	
EnCana Holdings Finance Corp.		x	x	x		
Endeavor Energy Resources LP		x	x			
Endesa SA			x	x	x	
ENEA SA		x	x	x	x	
Enefit Green AS			x		x	
Enel Americas SA			x		x	
Enel Chile SA			x	x	x	
Enel Generacion Chile SA			x	x	x	
ENEOS Holdings, Inc.		x	x	x	x	
Enerflex Ltd.						x
Energa Finance AB			x	x	x	
Energa SA			x	x	x	
Energiean Plc		x	x			
Energen Corp.		x	x			
Energeticky a prumyslovy holding as		x	x	x	x	
Energia Group Ltd.			x	x	x	
Energia Group NI FinanceCo Plc			x	x	x	
Energia Group NI Holdings Ltd.			x	x	x	
Energie AG Oberoesterreich			x	x	x	
Energijos Skirstymo Operatorius AB				x		
Energy Earth Public Company Limited				x		
Energy Resources LLC		x	x			
Energy Transfer LP				x		
Energy Transfer Operating LP				x		
Energy Ventures GOM LLC		x	x			
Energy World Corp. Ltd.		x	x		x	
Enerplus Corporation		x	x			
Enerya Enerji AS				x		
e-netz Suedhessen AG				x		
Eneva SA		x	x		x	
Enexis Holding NV				x		
ENGIE Brasil Energia SA				x		
Engie Energia Chile SA			x	x	x	

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
ENGIE Energia Peru SA			x		x	
ENGIE SA			x	x	x	
Engro Corporation Limited			x	x	x	
Eni Finance International SA		x	x		x	
Eni SpA		x	x		x	
Eni USA, Inc.		x	x		x	
Enka Insaat ve Sanayi AS			x		x	x
EnLink Midstream Finance Corp.			x	x		
EnLink Midstream LLC			x	x		
EnLink Midstream Partners LP			x	x		
ENN Clean Energy International Investment Ltd.		x	x	x		x
ENN Energy Holdings Limited				x		x
ENN Natural Gas Co., Ltd.		x	x	x		x
EnQuest PLC		x	x			
Enservco Corporation						x
Ensign Drilling, Inc.						x
Ensign Energy Services Inc.						x
Enteq Technologies Plc						x
Entergy Arkansas LLC			x		x	
Entergy Corporation			x	x	x	
Entergy Louisiana LLC			x	x	x	
Entergy Utility Affiliates LLC			x	x	x	
Entergy Utility Property, Inc.			x		x	
Enterprise Products Operating LLC				x		
Enterprise Products Partners LP				x		
EOG Resources, Inc.		x	x	x		
EP Energy as			x	x	x	
EP Energy Corporation		x	x			
EP Energy LLC		x	x			
EP Infrastructure as			x	x	x	
EPH Financing International as		x	x	x	x	
Epsilon Energy Ltd.		x	x	x		
EQM Midstream Partners, LP				x		x
EQT Corporation		x	x			
Equinor ASA		x	x			x
Equital Ltd.		x	x			
Equitrans Midstream Corporation				x		x
Erdoel-Lagergesellschaft mbH						x
Erin Energy Corp.		x	x			
Ervia				x		
ESB Finance DAC			x	x	x	
Esentia Gas Enterprises S de RL de CV				x		
Eskom Holdings SOC Ltd.			x		x	
Essar Energy Ltd.		x	x		x	
Essential Utilities, Inc.				x		
Esso			x			
Etablissements Maurel & Prom SA		x	x			x
ETC Sunoco Holdings LLC				x		
Eterna Capital Pte Ltd.		x	x			
Eterna Plc				x		
Eurasia Drilling Co. Ltd.						x
Euronav MII, Inc.						x
Euronav NV						x
eustream as				x		
Energy Kansas Central, Inc.			x		x	
Energy, Inc.			x		x	
Eversource Energy				x		
EVN AG			x	x	x	
Evolution Petroleum Corporation		x	x			
Evolve Transition Infrastructure LP				x		
EWE AG			x	x	x	

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Accelerate Energy, Inc.				x		
EXCO Resources, Inc.		x	x			
Exillon Energy plc		x	x			
EXLP Finance Corp.						x
EXMAR NV						x
Expro Group Holdings N.V.						x
EXTERRAN CORPORATION						x
Exterran Energy Solutions LP						x
Extraction Oil & Gas, Inc.		x	x			
Exxaro Resources Ltd.		x	x			
Exxon Mobil Corporation		x	x			
FAR Limited	x					
Feishang Anthracite Resources Limited		x	x			
Ferrellgas Finance Corp.				x		x
Ferrellgas LP				x		x
Ferrellgas Partners, L.P.				x		x
Fieldpoint Petroleum Corp.		x	x			
First Gen Corporation			x		x	
First Pacific Company Limited			x		x	
First Philippine Holdings Corporation			x		x	
FirstEnergy Corp.			x		x	
FLEX LNG Ltd.						x
Floatel International Ltd.						x
Floene Energias SA				x		
Florida Gas Transmission Co. LLC				x		
Florida Power & Light Co.			x		x	
Fluvius System Operator CV				x		
Fluxys Belgium SA				x		
Fluxys SA				x		
Foran Energy Group Co., Ltd.				x		x
Forbes Energy Services Ltd.						x
Foresight Energy LLC		x	x			
Foresight Energy LP		x	x			
Formosa Petrochemical Corp.			x		x	
Formosa Taffeta Co., Ltd.				x		
Fortis Inc.			x	x	x	
Fortum Oyj			x	x	x	
Forum Energy Technologies, Inc.						x
Franco-Nevada Corporation		x	x			
Freehold Royalties Ltd.		x	x			
Friedrich Vorwerk Group SE						x
Frontera Energy Corporation		x	x	x		
Frontline 2012 Ltd.						x
Frontline Plc						x
FTS International, Inc.						x
Fuji Kosan Co., Ltd.				x		
Fuji Oil Co., Ltd. /5017/			x	x		x
Fujian Funeng Co., Ltd.			x		x	
Fulcrum Utility Services Ltd.				x		x
Fundacion Bancaria Caixa d'Estalvis i Pensions de Barcelona			x	x	x	
GAIL (India) Limited				x		
Gallant Venture Ltd.			x		x	
Galp Energia SGPS SA		x	x	x		
Gansu Energy Chemical Co., Ltd.		x	x		x	
Gas Malaysia Berhad				x		
Gas Natural de Lima y Callao SA				x		
Gas Networks Ireland				x		
GasLog Ltd.						x
GasLog Partners LP						x
Gastar Exploration LLC		x	x			
Gaz Capital SA		x	x	x	x	

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Gaz Finance Plc		x	x	x	x	
Gazprom Neft PJSC		x	x			x
Gazprom PJSC		x	x	x	x	
Gazpromneft-Moscow Refinery OJSC			x			
Gaztransport & Technigaz SA						x
GC Treasury Center Co., Ltd.			x			
GD Power Development Co., Ltd.		x	x	x	x	
GEK Terna SA			x	x	x	x
Genel Energy Plc		x	x			
Genesis Energy Finance Corp.				x		x
Genesis Energy Limited		x	x	x	x	
Genesis Energy LP				x		x
Genie Energy Ltd.				x		
Genneia SA			x	x	x	
Genting Berhad		x	x		x	
Geo Coal International Pte Ltd.				x		
Geo Energy Resources Limited		x	x			
GeoPark Limited		x	x	x		
Georgia Power Co.			x		x	
Georgian Oil & Gas Corp. Ltd.		x	x	x	x	x
Geospace Technologies Corporation						x
Gestion Securite de Stocks Securite SA				x		
Gibson Energy Inc.				x		
GL Limited		x	x			
Glencore Capital Finance DAC		x	x	x		
Glencore Finance (Canada) Ltd.		x	x	x		
Glencore Finance (Europe) Ltd.		x	x	x		
Glencore Funding LLC		x	x	x		
Glencore plc		x	x	x		
Global Partners LP				x		
Global Power Synergy Public Company Limited			x		x	
Glow Energy Public Company Limited			x		x	
GMR Power & Urban Infra Ltd.		x	x	x	x	
GOHL Capital Ltd.		x	x		x	
GOIL Plc				x		
Golar LNG Limited						x
Golar LNG Partners LP						x
Golden Energy and Resources Limited		x	x			
Golden Energy Offshore AS						x
Goodrich Petroleum Corporation		x	x			
GPN Capital SA		x	x			x
Gran Tierra Energy Inc.		x	x			
Gran Tierra Energy International Holdings Ltd.		x	x			
Grandblue Environment Co., Ltd.				x		
Granite Oil Corp.		x	x			
Granite Ridge Resources, Inc.		x	x			
Great River Energy			x		x	
Great Western Petroleum LLC		x	x			
Greenidge Generation Holdings Inc.			x		x	
Grizzly Energy LLC		x	x			
Groupement d'Interet Economique ENGE Alliance			x	x	x	
Grupo Energia Bogota SA ESP				x		
GS Caltex Corp.			x			
GS Holdings Corp.		x	x	x	x	
Guangdong Baolihua New Energy Stock Co., Ltd.			x		x	
Guangdong Electric Power Development Co., Ltd.			x		x	
Guangdong Investment Limited			x		x	
Guangdong Zhongnan Iron & Steel Co., Ltd.			x			

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Guanghui Energy Co., Ltd.		x	x	x		
Guangxi Guiguan Electric Power Co., Ltd.			x		x	
Guangzhou Development Group, Inc.			x	x	x	
Guizhou Panjiang Refined Coal Co., Ltd.		x	x	x		
Gujarat Gas Ltd.				x		
Gujarat Mineral Development Corporation Limited		x	x		x	
Gujarat State Petronet Limited				x		
Gulf Energy Development Public Company Limited			x		x	
Gulf International Services QSC						x
Gulf Island Fabrication, Inc.						x
Gulf Keystone Petroleum Ltd.		x	x			
Gulf Marine Services plc						x
Gulf South Pipeline Co. LLC				x		
Gulfport Energy Corporation		x	x			
Gulfsands Petroleum Plc	x					
GVK Power & Infrastructure Limited			x		x	
Hafnia Ltd.						x
Haimo Technologies Group Corp.		x	x			x
Hallador Energy Company		x	x			
Halliburton Company						x
HANJIN HEAVY INDUSTRIES & CONSTRUCTION HOLDINGS Co., Ltd.			x	x	x	
Hanwa Co., Ltd.				x		
Harbour Energy Plc		x	x			
Hargreaves Services plc				x		
Harvest Oil & Gas Corp.		x	x			
Harvest Operations Corp.		x	x			
Havila Shipping ASA						x
Hawaiian Electric Industries, Inc.			x		x	
HD HYUNDAI Co., Ltd.			x			x
HD Hyundai Marine Solution Co., Ltd.				x		x
Headwater Exploration Inc.		x	x			
Helix Energy Solutions Group, Inc.						x
Hellenic Petroleum Finance Plc			x	x		
HELLENiQ ENERGY Holdings SA			x	x		
Helmerich & Payne, Inc.						x
Henan Shenhua Coal Industry & Electricity Power Corp. Ltd.		x	x		x	
Henan Zhongfu Industrial Co., Ltd.		x	x		x	
Henderson Land Development Company Limited			x	x		
Hengli Petrochemical Co., Ltd.			x			
Hengyuan Refining Company Berhad			x			
Henson Finance Ltd.			x	x		
Hera SpA			x	x	x	
Hermitage Offshore Services Ltd.						x
Hero Asia Investment Ltd.			x	x	x	x
Hess Corporation		x	x	x		
Hess Infrastructure Partners LP				x		x
Hess Midstream LP				x		
Hess Midstream Operations LP				x		
HF Sinclair Corporation			x	x		
Hibiscus Petroleum Berhad		x	x			
Hi-Crush Inc.						x
Hidili Industry International Development Limited		x	x			
High Arctic Energy Services Inc.						x
High Peak Royalties Limited	x					
HighPeak Energy, Inc.		x	x			
HighPoint Operating Corp.		x	x			
HighPoint Resources Corporation		x	x			
Hilcorp Energy I LP		x	x			

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Hilong Holding Ltd.						x
Hindustan Petroleum Corporation Limited			x			
Hiroshima Gas Co., Ltd.				x		
HK Electric Investments & HK Electric Investments Ltd.			x		x	
HKCG (Finance) Ltd.			x	x		x
HKN Energy Ltd.		x	x			
Hoegh Evi Ltd.						x
Hokkaido Electric Power Co., Inc.			x		x	
Hokkaido Gas Co., Ltd.			x	x	x	x
Hokuriku Electric Power Co.			x		x	
Holly Energy Partners, L.P.				x		x
Honghua Group Ltd.						x
Hopewell Holdings Ltd.			x		x	
Horizon Oil Limited		x	x			
Hornbeck Offshore Services, Inc.						x
Hosken Consolidated Investments Ltd.		x	x			
Houston American Energy Corp.		x	x			
HPCL-Mittal Energy Ltd.			x	x		
Hrvatska Elektroprivreda dd			x	x	x	
Huadian Energy Co., Ltd.		x	x		x	
Huadian Power International Corp. Ltd.		x	x		x	
Huaibei Mining Holdings Co., Ltd.		x	x	x	x	x
Huaneng Hong Kong Capital Ltd.		x	x		x	
Huaneng Power International, Inc.			x		x	
Hubei Energy Group Co., Ltd.			x	x	x	
Hunter Group ASA						x
Hunting Plc						x
Hutchison Whampoa Europe Finance (12) Ltd.		x	x	x		
Hutchison Whampoa Europe Finance (13) Ltd.		x	x	x		
Hutchison Whampoa Finance (03/13) Ltd.		x	x	x		
Hutchison Whampoa Finance (05) Ltd.		x	x	x		
Hutchison Whampoa Finance (06) Ltd.		x	x	x		
Hutchison Whampoa Finance (09) Ltd.		x	x	x		
Hutchison Whampoa Finance (14) Ltd.		x	x	x		
Hutchison Whampoa Finance (CI) Ltd.		x	x	x		
Hutchison Whampoa Finance UK Plc		x	x	x		
Hutchison Whampoa International (03/33) Ltd.		x	x	x		
Hutchison Whampoa International (09) Ltd.		x	x	x		
Hutchison Whampoa International (09/16) Ltd.		x	x	x		
Hutchison Whampoa International (09/19) Ltd.		x	x	x		
Hutchison Whampoa International (10) Ltd.		x	x	x		
Hutchison Whampoa International (11) Ltd.		x	x	x		
Hutchison Whampoa International (12) Ltd.		x	x	x		
Hutchison Whampoa International (14) Ltd.		x	x	x		
Hutchison Whampoa International 12 II Ltd.		x	x	x		
HYUNDAI Corp.				x		x
Iberpapel Gestion SA			x		x	
Icahn Enterprises Finance Corp.			x	x		
Icahn Enterprises LP			x	x		
ICD Funding Ltd.		x	x			
ICD Sukuk Co. Ltd.		x	x			
Icon Offshore Bhd.						x
IDACORP, Inc.			x		x	
Idemitsu Kosan Co., Ltd.		x	x		x	

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
IE2 Holdco SAU			x		x	
IFM (US) Colonial Pipeline 2 LLC				x		
IG Seismic Services Ltd.						x
Ignitis grupe AB			x	x	x	
Imperial Oil Limited		x	x			
IMSK SE						x
INA-Industrija nafte dd		x	x			
Independence Contract Drilling, Inc.						x
Indian Oil Corporation Limited			x			
Indiana Michigan Power Co.			x		x	
Indigo Natural Resources LLC		x	x			
Indika Energy Capital III Pte Ltd.		x	x	x		x
Indo Energy Finance BV		x	x	x		x
Indo Energy Finance II BV		x	x	x		x
Indo Integrated Energy II BV		x	x	x		x
Indraprastha Gas Limited				x		
Indus Gas Ltd.		x	x			
Infraestructura Energetica Nova SAB de CV			x	x	x	
Inner Mongolia Dian Tou Energy Corp. Ltd.		x	x		x	
Inner Mongolia ERDOS Resources Co., Ltd.		x	x			
Inner Mongolia Junzheng Energy & Chemical Group Co., Ltd.			x		x	
Inner Mongolia Mengdian Huaneng Thermal Power Corp. Ltd.		x	x		x	
Inner Mongolia Yitai Coal Co., Ltd.		x	x			x
Inner Mongolia Yuan Xing Energy Co., Ltd.		x	x			
innogy Finance BV				x		
Innovex International, Inc.						x
INPEX Corp.		x	x			
InPlay Oil Corp.		x	x			
Inter Pipeline Ltd.			x	x		
Inter RAO UES PJSC			x		x	
InterGen NV			x		x	
International Airport Finance SA				x		
International Petroleum Corporation		x	x			
International Seaways, Inc.						x
Interoil Exploration & Production ASA		x	x			
Interstate Power & Light Co.			x	x	x	
Investment Corp. of Dubai		x	x			
ION Geophysical Corporation						x
IPALCO Enterprises, Inc.			x		x	
IPIC GMTN Ltd.		x	x			
Iren SPA			x	x	x	
Irkutskenergo JSC		x	x		x	
Iron Bridge Resources, Inc.		x	x			
IRPC Public Company Limited			x		x	
Island Offshore Shipholding LP						x
Israel Electric Corp. Ltd.			x		x	
Isramco Negev 2 LP		x	x			
Isramco, Inc.		x	x			x
Italgas SpA				x		
Italmobiliare SpA				x		
Ithaca Energy Plc		x	x			
Itochu Corp.		x	x	x		x
ITOCHU ENEX CO., LTD.			x	x	x	
Iwatani Corp.				x		
Izdemir Enerji Elektrik Uretim AS			x		x	
Izmir Demir Celik Sanayi AS			x		x	
J.O.E.L. Jerusalem Oil Exploration Ltd.		x	x			
Jagged Peak Energy LLC		x	x			
Jaiprakash Power Ventures Limited		x	x		x	

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Japan Drilling Co., Ltd.						x
Japan Oil Transportation Co., Ltd.						x
Japan Petroleum Exploration Co., Ltd.		x	x	x	x	x
Jardine Cycle & Carriage Limited		x	x			x
Jardine Matheson Holdings Ltd.		x	x			x
Jardine Strategic Ltd.		x	x			x
Jastrzebska Spolka Weglowa SA		x	x			x
Jiangsu Expressway Company Limited				x		
Jiangsu Guoxin Corp. Ltd.			x	x	x	
Jiangxi Hongcheng Environment Co., Ltd.				x		
Jinneng Holding Shanxi Coal Industry Co., Ltd.		x	x			
Jinneng Holding Shanxi Electric Power Co., Ltd.			x		x	
Jinneng Science & Technology Co., Ltd.			x			
Jizhong Energy Resources Co., Ltd.		x	x			
JKX Oil & Gas Ltd.		x	x			
John Sevier Combined Cycle Generation LLC			x		x	
John Wood Group Plc						x
Jointo Energy Investment Co., Ltd. Hebei			x		x	
Jonah Energy LLC		x	x			
Jones Energy Finance Corp.		x	x			
Jones Energy Holdings LLC		x	x			
Jones Energy II, Inc.		x	x			
Jones Energy, Inc.		x	x			
Journey Energy Inc.		x	x	x	x	
JSW Energy Limited		x	x		x	
Jutal Offshore Oil Services Ltd.						x
K N Capital Trust III		x	x	x		x
K&O Energy Group, Inc.		x	x			
Kaillpa Generacion SA			x		x	
Kangaroo Resources Pty Ltd.	x					
Karoon Energy Ltd.		x	x			
KazMunaiGaz Exploration Production JSC		x	x			
KazMunaiGaz Finance Sub BV		x	x	x		
K-Electric Ltd.			x		x	
Kelt Exploration Ltd.		x	x	x		
KENON HOLDINGS LTD.			x		x	
Keppel Infrastructure Trust			x	x	x	
Key Energy Services, Inc.						x
Keyera Corp.			x	x		
Keyfield International Bhd.						x
KeySpan Gas East Corp.				x		
Kimbell Royalty Partners LP		x	x			
Kimou Environmental Holding Limited			x			
Kinder Morgan Energy Partners LP				x		x
Kinder Morgan Finance Co. LLC		x	x	x		x
Kinder Morgan Management LLC				x		
Kinder Morgan, Inc.		x	x	x		x
Kinetic Development Group Limited		x	x			
Kinetik Holdings Inc.				x		
Kingsland Energy Corp.						x
Kiwetinohk Energy Corp.		x	x	x		
KLX Energy Services Holdings, Inc.						x
KNM Group Berhad						x
Kobe Steel, Ltd.			x		x	x
Koc Holding A.S.			x	x		
Kodiak Gas Services, Inc.						x
KOKS Finance DAC		x	x			
Koks PJSC		x	x			
Kolibri Global Energy Inc.		x	x			

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Korea District Heating Corp.			x		x	
Korea East-West Power Co., Ltd.			x		x	
Korea Electric Power Corp.			x		x	
Korea Gas Corp.		x	x	x		
Korea National Oil Corp.		x	x	x		
KOSMOS ENERGY LTD.		x	x			
Kot Addu Power Co. Ltd.			x		x	
Kreuz Holdings Ltd.						x
KrisEnergy Ltd.		x	x			
KSK Power Venture Plc			x		x	
Kukdong Oil & Chemicals Co., Ltd.				x		
KunLun Energy Company Limited		x	x	x		
Kuwait Energy Plc		x	x			
Kuzbasskaya Toplivnaya Kompaniya PJSC		x	x	x		x
Kvaerner ASA						x
Kyoei Tanker Co., Ltd.						x
KyungDong Invest Co., Ltd.		x	x			
Kyushu Electric Power Co., Inc.			x	x	x	
Lamprell Plc						x
Lanka IOC PLC				x		
Latina Offshore Holding Ltd.						x
Latvenergo AS			x	x	x	
Lea Power Partners LLC			x		x	
Legacy Reserves LP		x	x			
Leucrotta Exploration Inc.		x	x			
LG&E & KU Energy LLC			x	x	x	
Liaoning Cheng Da Co., Ltd.		x	x	x		
Liberty Energy Inc.						x
Liberty Utilities Co.				x		
Liberty Utilities Finance GP1				x		
Lilis Energy, Inc.		x	x			
Lime Petroleum AS		x	x			
Linea Group Holding SpA			x	x	x	
Liquefied Natural Gas Limited						x
Listrindo Capital BV			x		x	
LLPL Capital Pte Ltd.		x	x		x	
Loews Corporation				x		
Lonestar Resources America, Inc.		x	x			
Lonestar Resources US, Inc.		x	x			
Lopez Holdings Corporation			x		x	
Louisville Gas & Electric Co.			x	x	x	
Lubelski Wegiel BOGDANKA SA		x	x			
Lucky Cement Ltd.			x		x	
Luenmei Quantum Co., Ltd.			x		x	
LUKOIL International Finance BV		x	x			
LX International Corp.		x	x			
LYB International Finance BV			x			
LYB International Finance II BV			x			
LYB International Finance III LLC			x			
LyondellBasell Industries N.V.			x			
Macquarie Infrastructure Holdings, LLC				x		
Madrilena Red de Gas Finance BV				x		
Madrilena Red de Gas SAU				x		
Magellan Midstream Partners, L.P.				x		
Magnolia Oil & Gas Corporation		x	x			
Magnolia Oil & Gas Operating LLC		x	x			
Magnora ASA						x
Magseis Fairfield ASA						x
Maha Energy AB		x	x			
Mahanagar Gas Limited				x		
Majapahit Holding BV			x		x	

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Malakoff Corporation Berhad			x		x	
Malaysia Marine & Heavy Engineering Holdings Bhd.						x
Mammoth Energy Services, Inc.						x
Mamoura Diversified Global Holding PJSC		x	x			
Mangalore Refinery & Petrochemicals Ltd.			x			
Manila Electric Co.			x		x	
Manitok Energy, Inc.		x	x			
Marathon Oil Corporation		x	x			
Marathon Petroleum Corporation			x	x		
Mari Petroleum Co. Ltd.		x	x			
Maridive & Oil Services SAE						x
Marine & General Berhad						x
MarkWest Energy Finance Corp.				x		
MarkWest Energy Partners LP				x		
Martin Midstream Partners LP				x		x
Marubeni Corp.		x	x	x	x	x
Matador Resources Company		x	x	x		
Matr Corp.						x
Maverick Natural Resources LLC		x	x			
MC Finance Australia Pty Ltd.		x	x	x	x	
MC Mining Limited		x	x			
McCoy Global Inc.						x
MDGH-GMTN BV		x	x			
MDU Resources Group, Inc.			x	x	x	
Mechel PAO			x			
Medco Oak Tree Pte Ltd.		x	x		x	
Medco Platinum Road Pte Ltd.		x	x		x	
Medco Strait Services Pte Ltd.		x	x		x	
MEG Energy Corp.		x	x	x	x	
Mega Advance Investments Ltd.				x		
Meiwa Corp.				x		
Memorial Production Finance Corp.		x	x			
Mesquite Energy, Inc.		x	x	x		
Metinvest BV		x	x	x		
Metlen Energy & Metals SA			x	x	x	x
Metro Pacific Investments Corporation			x		x	
Mexico Generadora de Energia S de RI			x		x	
MGE Energy, Inc.			x	x	x	
MidAmerican Energy Co.			x	x	x	
MidAmerican Funding LLC			x	x	x	
Midcontinent Express Pipeline LLC				x		
Midland Cogeneration Venture LP			x		x	
MIE Holdings Corporation		x	x			
MIND Technology, Inc.						x
Mississippi Power Co.			x		x	
Mitani Corp.				x		
Mitsubishi Corp.		x	x	x	x	
Mitsui & Co., Ltd.		x	x		x	
Mitsui Matsushima Holdings Co., Ltd.		x	x			
Mitsuuroko Group Holdings Co., Ltd.				x		
MJL Bangladesh Plc				x		
MMA Offshore Limited						x
MNRL Sub, Inc.		x	x			
Mo-BRUK SA				x		
MODEC, Inc.						x
MOL Group Finance SA		x	x	x		
MOL Hungarian Oil & Gas Plc		x	x	x		
Molecular Energies Plc		x	x			
Molopo Energy Limited	x					
Mongolia Energy Corporation Limited		x	x			

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Mongolian Mining Corporation		x	x			
Monongahela Power Co.			x		x	
Mosenergo OAO			x		x	
Moss Creek Resources Holdings, Inc.		x	x			
Motiva Enterprises LLC			x	x		
Motor Oil (Hellas) Corinth Refineries SA			x	x		
MPC Energy Solutions NV			x		x	
MPLX LP			x	x		
MSU Energy SA			x		x	
Murphy Oil Corporation		x	x	x		
Murphy Oil USA, Inc.				x		
Murphy USA Inc.				x		
Murray Energy Corporation		x	x			
MVV Energie AG			x	x	x	
Mytilineos Financial Partners SA			x	x	x	x
Nabors Industries Ltd.						x
NACCO Industries, Inc.		x	x			
Naftogaz of Ukraine NJSC		x	x	x		
Naphtha Israel Petroleum Corp. Ltd.		x	x			
National Company KazMunayGas JSC		x	x	x		
National Energy Services Reunited Corp.						x
National Fuel Gas Company		x	x	x		
National Gas & Industrialization Co.				x		x
National Gas Transmission Plc				x		
National Grid North America, Inc.				x		
National Grid Plc			x	x	x	x
National Petroleum Co., Ltd.				x		
National Power Corp. (Philippines)			x		x	
National Refinery Ltd.			x			
Natural Gas Services Group, Inc.						x
Natural Resource Partners LP		x	x			x
Naturelgaz Sanayi ve Ticaret AS				x		
Naturgy Capital Markets SA			x	x	x	
Naturgy Energy Group SA			x	x	x	
Naturgy Finance BV			x	x	x	
Nava Limited		x	x		x	
Navigator Holdings Ltd.						x
Navios Maritime Acquisition Corporation						x
Navios South American Logistics, Inc.				x		x
Nayara Energy Ltd.			x			
NCS Multistage Holdings, Inc.						x
Nederlandse Gasunie NV				x		
Neova Oy		x	x			
Neptune Energy Bondco Plc		x	x			
Neptune Energy Group Ltd.		x	x			
Neste Corp.			x	x		
NET4GAS sro				x		
NeuRizer Ltd			x			
Nevada Power Co.			x		x	
New Fortress Energy Inc.				x		x
New Hope Corporation Limited		x	x			
New Jersey Resources Corporation				x		
New York State Electric & Gas Corp.				x		
Newcastle Coal Infrastructure Group Pty Ltd.						x
Newmed Energy LP		x	x			
NewOcean Energy Holdings Limited				x		
Newpark Resources, Inc.						x
NextDecade Corporation.				x		
NextEra Energy Capital Holdings, Inc.			x	x	x	
NextEra Energy Operating Partners LP				x		
NextEra Energy Partners, LP				x		

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
NextEra Energy, Inc.			x	x	x	
NextTier Oilfield Solutions Inc.						x
NGG Finance Plc			x	x	x	x
NGL Energy Partners LP				x		x
NGPL PipeCo LLC				x		
Niko Resources Ltd.		x	x			
Nine Energy Service, Inc.						x
Ningxia Baofeng Energy Group Co., Ltd.			x			
Nippon Coke & Engineering Co., Ltd.			x	x		
Nippon Express Holdings, Inc.				x		
Nippon Gas Co., Ltd. (8174)				x		
NiSource Inc.			x	x	x	
NLC India Ltd.		x	x		x	
Noble Corporation plc						x
Noble Energy, Inc.		x	x	x		
Nordic American Tankers Limited						x
Norshore Atlantic BV						x
Nortegas Energia Distribucion SA				x		
North American Construction Group Ltd.						x
North Atlantic Drilling Ltd.						x
North Energy ASA						x
North Huajin Chemical Industries Co., Ltd.			x			
North Queensland Export Terminal Pty Ltd.						x
North West Redwater Partnership, Inc.			x			
Northern Drilling Ltd.						x
Northern Electric Finance Plc			x	x	x	
Northern Gas Networks Finance Plc				x		
Northern Gas Networks Ltd.				x		
Northern Natural Gas Co.				x		
Northern Ocean Ltd.						x
Northern Oil and Gas, Inc.		x	x			
Northern Powergrid Holdings Co.		x	x			
Northern States Power Co.			x	x	x	
Northland Power Inc.			x		x	
North-Star International Co., Ltd.				x		
Northwest Natural Gas Co.				x		x
Northwest Natural Holding Co.				x		x
Northwest Pipeline LLC				x		
NorthWestern Energy Group, Inc.			x	x	x	
Nostrum Oil & Gas Finance BV		x	x			
Nostrum Oil & Gas Plc		x	x			
NOV Inc.						x
Novatek Finance DAC		x	x			
NOVATEK JSC		x	x			
NRG Energy, Inc.			x	x	x	
NSG Holdings II LLC			x		x	
NTPC Limited			x		x	
NuStar Energy LP.				x		
NuStar Logistics LP				x		
Nuverra Environmental Solutions, Inc.						x
NuVista Energy Ltd.		x	x			
NV Energy, Inc.			x	x	x	
NWF Group Plc				x		
Oando Plc		x	x	x		
Obsidian Energy Ltd.		x	x			
Occidental Petroleum Corporation		x	x	x		
Ocean Yield AS						x
Oceaneering International, Inc.						x
OCI Holdings Co. Ltd.			x		x	
OCV Recovery AS						x

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Odas Elektrik Uretim Sanayi Ticaret AS		x	x		x	
Odfjell Drilling Ltd.						x
Odfjell Technology Ltd.						x
Offshore Drilling Holding SA						x
Offshore Oil Engineering Co., Ltd.						x
OGE Energy Corp.			x		x	
Oglethorpe Power Corp.			x		x	
Oil & Gas Development Co. Ltd.		x	x			
Oil & Natural Gas Corp. Ltd.		x	x			
Oil Co. LUKOIL PJSC		x	x			
Oil India Limited		x	x	x		
Oil Refineries Ltd.			x			x
Oil Search Ltd.		x	x			
Oil States International, Inc.						x
OKEA ASA		x	x			
Okeanis Eco Tankers Corp.						x
Oklahoma Gas & Electric Co.			x		x	
Old ANR LLC		x	x			
Oleoducto Central SA				x		
Olympic Subsea KS						x
OMV AG		x	x		x	
OMV Petrom SA		x	x		x	
ONE Gas, Inc.				x		
ONEOK Partners LP			x	x		
ONEOK, Inc.			x	x		
ONGC Videsh Ltd.		x	x			x
ONICO SA				x		
Ontario Power Generation, Inc.			x		x	
OPC Energy Ltd.			x		x	
OPE KAG Finance Sub, Inc.						x
Operateur de reseaux denergies SCRL				x		
Ophir Energy Ltd. (United Kingdom)		x	x			
OPUS GLOBAL Nyrt.				x		x
Orazul Energia Peru S.A.C		x	x		x	
Organizacion Terpel SA				x		
Oriental Energy Co., Ltd.				x		
Origin Energy Finance Ltd.		x	x	x	x	
Origin Energy Limited		x	x	x	x	
ORLEN Capital AB		x	x	x	x	
ORLEN SA		x	x	x	x	
ORLEN Unipetrol as			x	x		
Orsknefteorgsintez PJSC			x			
Orygen Peru SAA			x		x	
Osaka Gas Co., Ltd.			x	x	x	x
OSX Brasil SA						x
Otter Tail Corporation			x		x	
Otto Energy Limited		x	x			
Overseas Shipholding Group, Inc.						x
Ovintiv Canada ULC		x	x	x		
Ovintiv Exploration, Inc.		x	x			
Ovintiv Inc.		x	x	x		
OW Bunker A/S				x		
PACC Offshore Services Holdings Ltd.						x
Pacific Drilling First Lien Escrow Issuer Ltd.						x
Pacific Drilling SA						x
Pacific Drilling V Ltd.						x
Pacific Energy Limited			x		x	
Pacific Gas and Electric Company			x	x	x	
Pacific Radiance Ltd.						x
PacifiCorp			x		x	
Padma Oil Co. Ltd.				x		

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Painted Pony Energy Ltd.		x	x			
Pakistan Oilfields Ltd.		x	x	x		
Pakistan Petroleum Ltd.		x	x			
Pakistan State Oil Co. Ltd.				x		
Pampa Energia SA		x	x		x	
Pan American Energy SL		x	x		x	
Panhandle Eastern Pipe Line Co. LP				x		
Panoche Energy Center LLC			x		x	
Panoro Energy ASA		x	x			
Pantheon Resources plc		x	x			
Par Pacific Holdings, Inc.		x	x	x		
Paragon Offshore plc						x
Paramount Resources Ltd.		x	x			
Paratus Energy Services Ltd.						x
Parex Resources Inc.		x	x			
Park Elektrik Uretim Madencilik Sanayi ve Ticaret AS		x	x			
Parker Drilling Co.						x
Parkland Corporation			x	x		
Parsley Energy LLC		x	x			
Parsley Energy LP		x	x			
Parsley Energy, Inc.		x	x			
Pason Systems Inc.						x
Patterson-UTI Energy, Inc.						x
Paz Oil Co. Ltd.			x	x		x
PBF Energy Inc.			x	x		
PBF Holding Co. LLC			x			
PBF Logistics LP				x		
PC Financial Partnership		x	x			
Peabody Energy Australia PCI Pty Ltd.		x	x			
Peabody Energy Corporation		x	x			
PECO Energy Co.				x		
PEDEVCO Corp.		x	x			
Pembina Pipeline Corporation				x		
Pemex Project Funding Master Trust		x	x			
Pengrowth Energy Corporation		x	x			
Perak Transit Berhad				x		
Perdana Petroleum Berhad						x
Perennial Energy Holdings Limited		x	x			
Permian Resources Corporation		x	x			
Permian Resources Operating LLC		x	x			
Perpetual Energy Inc.		x	x			
Peru LNG SRL				x		
Petmin Ltd.		x	x			
Petra Energy Bhd.						x
Petro River Oil Corp.		x	x			
Petro Welt Technologies AG						x
Petrobras Global Finance BV		x	x		x	
Petrobras International Finance Co.		x	x		x	
Petroceltic International Ltd. (Ireland)		x	x			
PetroChina Company Limited		x	x			
Petrofac Ltd.						x
Petrol dd Ljubljana				x		
Petroleo Brasileiro SA		x	x		x	
Petroleos de Venezuela SA		x	x			
Petroleos Del Peru - Petroperu SA			x			
Petroleos Mexicanos EPE		x	x			
Petrolia SE						x
Petroliam Nasional Bhd.		x	x			
Petrolina (Holdings) Public Ltd.				x		
Petrolympic Ltd.	x					
Petron Corp.			x			

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Petron Malaysia Refining & Marketing Bhd.			x			
PETRONAS Capital Ltd.		x	x			
PETRONAS Dagangan Berhad				x		
PETRONAS Gas Berhad			x	x	x	
Petronas Global Sukuk Ltd.		x	x			
Petronet Lng Limited				x		
Petronor E&P ASA		x	x			
PetroQuest Energy, Inc.		x	x			
Petroreconcavo SA		x	x			
Petrosibir AB		x	x	x		
PetroTal Corp.		x	x			
Petroteq Energy Inc.						x
PetroVietnam Drilling & Well Services JSC						x
Petrovietnam Gas JSC				x		
Petrovietnam Power Corp.			x		x	
PetroVietnam Power Nhon Trach 2 JSC			x		x	
PetroVietnam Technical Services Corp.						x
Petrovietnam Transportation Corp.						x
Peyto Exploration & Development Corp.		x	x	x		
PG&E Corporation			x	x	x	
PG&E Wildfire Recovery Funding LLC			x	x	x	
PGE Polska Grupa Energetyczna SA			x	x	x	
PGE Sweden AB			x	x	x	
PGNiG Finance AB		x	x	x	x	
PGS ASA						x
Pharos Energy Plc		x	x			
PHBS Ltd.			x	x	x	
PHI Aviation LLC						x
Phillips 66			x	x		
Phillips 66 Partners LP				x		
Phoenix Global Resources Ltd.		x	x			
PHX Energy Services Corp.						x
PHX Minerals Inc.		x	x			
Pine Cliff Energy Ltd.		x	x			
Ping Petroleum UK Plc		x	x			
Pingdingshan Tianan Coal Mining Co., Ltd.		x	x			
Pinnacle West Capital Corporation			x		x	
Pioneer Energy Services Corp.						x
Pioneer Natural Resources Company		x	x	x		
PKM Canada Ltd.				x		
Plains All American Pipeline, L.P.				x		
Plains GP Holdings, L.P.				x		
Polenergia SA			x	x	x	
Polskie Gornictwo Naftowe i Gazownictwo SA		x	x	x	x	
Polytec Asset Holdings Limited		x	x			
Portland General Electric Company			x		x	
POSCO Future M Co., Ltd.			x			x
Power Assets Holdings Limited			x	x	x	
PPL Capital Funding, Inc.			x	x	x	
PPL Corporation			x	x	x	
Prairie Provident Resources, Inc.		x	x			
PrairieSky Royalty Ltd.		x	x			
Prax Upstream Ltd.		x	x			
Precision Drilling Corporation						x
Preem Holding AB			x			
Press Corporation Plc				x		
Prima Marine Public Company Limited						x
PrimeEnergy Resources Corporation		x	x			x
PRIO SA		x	x			

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Productive Technologies Company Limited		x	x			
Profire Energy, Inc.						x
ProFrac Holding Corp.						x
Promigas SA ESP			x	x	x	
ProPetro Holding Corp.						x
Prosafe SE						x
PSEG Power LLC			x	x	x	
PT ABM Investama Tbk		x	x			x
PT Adaro Energy Indonesia Tbk		x	x			x
PT Adaro Indonesia		x	x			
PT Adaro Minerals Indonesia		x	x			
PT AKR Corporindo Tbk				x		x
PT Alfa Energi Investama Tbk		x	x	x		
PT Astra International Tbk		x	x			x
PT Bayan Resources Tbk		x	x			
PT Berau Coal Energy		x	x			
PT Borneo Lumbung Energi & Metal		x	x			
PT Bukit Asam Tbk		x	x			
PT Bukit Makmur Mandiri Utama						x
PT Bumi Resources Tbk		x	x			
PT Cikarang Listrindo Tbk			x		x	
PT Delta Dunia Makmur Tbk						x
PT Dian Swastatika Sentosa Tbk		x	x	x		
PT Elnusa Tbk				x		x
PT Energi Mega Persada Tbk		x	x			
PT ESSA Industries Indonesia Tbk			x			x
PT Golden Eagle Energy TBK		x	x			
PT Golden Energy Mines Tbk		x	x	x		
PT Harum Energy Tbk		x	x			x
PT Indika Energy Tbk		x	x	x		x
PT Indo Tambangraya Megah Tbk		x	x			
PT Indomobil Sukses Internasional Tbk				x		
PT Indonesia Asahan Aluminium (Persero)		x	x			
PT Kawasan Industri Jababeka Tbk			x		x	
PT Krakatau Steel (Persero) Tbk		x	x		x	
PT Medco Energi Internasional Tbk		x	x		x	
PT MNC Asia Holding Tbk		x	x			
PT Pelayaran Tamarin Samudra Tbk						x
PT Pertamina (Persero)		x	x			
PT Perusahaan Gas Negara Tbk		x	x	x		
PT Perusahaan Listrik Negara (Persero)			x		x	
PT Petrindo Jaya Kreasi Tbk		x	x			
PT Rukun Rahanja Tbk				x		x
PT Saka Energi Indonesia		x	x			
Pt Sugih Energy Tbk		x	x			
PT Timah Tbk		x	x			
PT Trada Alam Minera Tbk		x	x			x
PT United Tractors Tbk		x	x			x
PTG Energy Public Co. Ltd.				x		
PTT Exploration and Production Public Company Limited		x	x	x		
PTT Global Chemical Plc			x			
PTT Oil and Retail Business Public Company Limited				x		
PTT Public Co., Ltd.		x	x		x	
PTTEP Canada International Finance Ltd.		x	x	x		
PTTEP Treasury Center Co., Ltd.		x	x	x		
Public Power Corp. Finance Plc			x		x	
Public Power Corp. SA			x		x	
Public Service Company of Colorado			x	x	x	
Public Service Company of New Mexico			x		x	

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Public Service Electric & Gas Co.				x		
Public Service Enterprise Group Incorporated			x	x	x	
Puget Energy, Inc.			x	x	x	
Puget Sound Energy, Inc.			x	x	x	
PXP Energy Corporation		x	x			
PAA Finance Corp.				x		
Qalaa For Financial Investments (S.A.E.)			x	x		
Qatar Electricity & Water Co.			x		x	
Qatar Fuel-Woqod QSC				x		
Qatar Gas Transport Co.						x
QatarEnergy LNG S[1]				x		
QazaqGaz National Co. JSC				x		
QEP Resources, Inc.		x	x			
Questerre Energy Corporation		x	x			
Quinenco SA				x		
Quintana Energy Services, Inc.						x
Rabigh Refining & Petrochemical Co.			x			
Raffinerie Heide GmbH			x			
Raizen Energia SA				x		
Raizen Fuels Finance SA				x		
Raizen SA (Brazil)				x		
Ramaco Resources, Inc.		x	x	x		
Range Resources Corporation		x	x	x		
Ranger Energy Services, Inc.						x
Ranger Oil Corporation		x	x			
Ranhill Utilities Bhd.			x		x	
RATCH Group Public Co., Ltd.			x		x	
Rattler Midstream LP				x		x
Reach Energy Berhad		x	x			
Reach Subsea ASA						x
Red Oak Power LLC			x		x	
Redes Energeticas Nacionais SGPS SA				x		
Redexis Gas Finance BV				x		
Redexis SAU				x		
Refineria La Pampilla SAA			x			x
Refrigeration Electrical Engineering Corp.			x		x	
Regency Energy Finance Corp.				x		
Regency Energy Partners LP				x		
Reliance Holding USA, Inc.		x	x			
Reliance Industries Ltd.			x			
Reliance Infrastructure Limited			x		x	
Reliance Power Limited			x		x	
REN Finance BV				x		
Repsol International Finance BV		x	x		x	
Repsol SA		x	x		x	
Rex Energy Corp.		x	x			
Rex International Holding Limited		x	x			
RGC Resources, Inc.				x		
Rhino Resource Partners LP		x	x			x
Ridgebury Crude Tankers LLC						x
Riley Exploration Permian, Inc.		x	x			
Ring Energy, Inc.		x	x			
Riviera Resources, Inc.		x	x	x		x
RM Partners LP				x		x
RN Holding OJSC			x			
Roadster Finance DAC				x		
Roan Resources, Inc.		x	x			
Rochester Gas & Electric Corp.				x		
Rockhopper Exploration Plc		x	x			
Rockies Express Pipeline LLC				x		
Rockpoint Gas Storage Canada Ltd.				x		

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Rompetrol Rafinare SA			x			
Rosehill Resources Inc.		x	x			
Rosneft Finance SA		x	x			x
Rosneft International Finance Ltd.		x	x			x
ROSNEFT International Ltd.		x	x			x
Rosneft Oil Co.		x	x			x
Rowan Cos. LLC						x
Royal Vopak NV				x		
Royale Energy, Inc.		x	x			x
RPC, Inc.						x
RS Energy KK			x			
Rubis Energy Kenya Plc				x		
Rubis SCA			x	x		x
Rubis Terminal				x		
Ruby Pipeline LLC				x		
Ruwais Power Co. PJSC			x		x	
RWE AG			x	x	x	
S.D. Standard ETC Plc						x
S.N.T.G.N. Transgaz SA				x		
Sabal Trail Transmission LLC				x		
Sabine Oil & Gas Corp.			x			
Sabine Pass Liquefaction LLC				x		
Sabine Pass LNG LP LLC				x		
Sadovaya Group		x	x			
SAExploration Holdings, Inc.						x
Saibu Gas Holdings Co., Ltd.				x		
Saipem Finance International BV						x
Saipem SpA						x
Sakari Resources Ltd.		x	x			
Sala Corp.				x		
Salungano Group Ltd.		x	x	x		
Samchully Co., Ltd.			x	x	x	
Samruk-Energy JSC		x	x		x	
Samson Oil & Gas Limited		x	x			
Samyak International Ltd.				x		
San Diego Gas & Electric Co.			x	x	x	
San Leon Energy PLC		x	x			
San Miguel Corporation			x		x	
SAN-AI OBBLI Co., Ltd.				x		
SandRidge Energy, Inc.		x	x			
Sanjel Corp.						x
Santos Finance Ltd.		x	x	x		
Santos Limited		x	x	x		
Sapura Energy Berhad		x	x			x
Saras SPA			x	x	x	
Saratov Oil & Refinery PJSC			x			
Sasol Financing International Ltd.		x	x			
Sasol Financing USA LLC		x	x			
Sasol Ltd.		x	x			
Saturn Oil & Gas Inc.		x	x			
Saudi Arabian Oil Co.		x	x			
Saudi Aramco Base Oil Co.			x			
Saudi Automotive Services Co.				x		
Saudi Electricity Co.			x		x	
Saudi Electricity Global Sukuk Co. - 2			x		x	
Saudi Electricity Global Sukuk Co. - 3			x		x	
Savanna Energy Services Corp.						x
SBM Offshore NV						x
SCANA Corp.			x	x	x	
Scan-Inter Public Co. Ltd.				x		x
Schahin II Finance Co. (SPV) Ltd.		x	x		x	

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Schlumberger Finance BV						x
Schlumberger Finance Canada Ltd.						x
Schlumberger Finance France SAS						x
Schlumberger Holdings Corp.						x
Schlumberger Investment SA						x
Schoeller-Bleckmann Oilfield Equipment AG						x
Scomi Group Bhd.						x
Scorpio Tankers Inc.						x
Scotland Gas Networks Plc				x		
Scottish Power Ltd.				x		
Scottish Power UK Plc				x		
SD International Sukuk Ltd.						x
SDIC Power Holdings Co., Ltd.			x		x	
Sea Trucks Group Ltd.						x
Sea1 Offshore, Inc.						x
SeaBird Exploration Plc						x
SEACOR Marine Holdings Inc.						x
Seacrest Petroleo Bermuda Ltd.		x	x			
Seadrill Limited						x
Seapeak LLC						x
SeaRiver Maritime Financial Holdings, Inc.		x	x			
Secure Energy Services Inc.				x		x
Seitel, Inc.						x
Select Water Solutions, Inc.						x
Sembcorp Industries Ltd.			x	x	x	
SemGroup, LLC				x		
Semirara Mining & Power Corp.		x	x		x	
Sempra			x	x	x	
Sempra Infrastructure Partners LP			x	x	x	x
Senex Energy Limited		x	x			
Seobu T&D Co., Ltd.				x		
SEOUL CITY GAS CO., LTD.				x		
Seplat Energy Plc		x	x			
Serba Dinamik Holdings Berhad						x
Serica Energy plc		x	x			
Sevan Drilling Ltd.						x
Seven Energy Finance Ltd.		x	x			
Seven Energy International Ltd.		x	x			
Seven Energy Ltd.		x	x			
SFL Corporation Ltd						x
SGC Energy Co., Ltd.			x		x	
SGSP (Australia) Assets Pty Ltd.				x		
Shamal Az-Zour Al-Oula Power & Water Co. KSCP			x		x	
Shamaran Petroleum Corp.		x	x			
Shan Xi Hua Yang Group New Energy Co. Ltd.		x	x			
Shandong Energy Australia Pty Ltd.	x					
Shandong Energy Group Co., Ltd.		x	x	x	x	
Shandong Xinchao Energy Corp. Ltd.		x	x			
Shanghai Datun Energy Resources Co., Ltd.		x	x		x	
Shanghai Dazhong Public Utilities (Group) Co., Ltd.				x		
Shanghai Electric Power Co., Ltd.			x		x	
Shanxi Coal International Energy Group Co., Ltd.		x	x	x		
Shanxi Coking Coal Energy Group Co., Ltd.		x	x		x	
Shanxi Guoxin Energy Corp. Ltd.			x	x	x	
Shanxi Lanhua Sci-Tech Venture Co., Ltd.		x	x			
Shanxi Lu'An Environmental Energy Development Co., Ltd.		x	x			
Shanxi Meijin Energy Co., Ltd.			x			

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Shelf Drilling Holdings Ltd.						x
Shelf Drilling Ltd.						x
Shell Finance (Netherlands) BV		x	x			
Shell International Finance BV		x	x			
Shell Midstream Partners LP				x		
Shell Oman Marketing				x		
Shell Pakistan Ltd.				x		
Shell Pilipinas Corporation				x		
Shell Plc		x	x			
Shenergy Co., Ltd.			x	x	x	
Shenzhen Energy Group Co., Ltd.			x	x	x	
Shenzhen Gas Corp. Ltd.			x	x	x	x
Shenzhen Nanshan Power Co., Ltd.			x		x	
Sherritt International Corporation			x		x	x
Shikoku Electric Power Co., Inc.			x	x	x	
Shizuoka Gas Co., Ltd.			x	x	x	
Shougang Fushan Resources Group Limited		x	x			
Shaanxi Coal Industry Co., Ltd.		x	x	x		x
Shaanxi Energy Investment Co., Ltd.		x	x		x	
Siamgas and Petrochemicals Public Company Limited				x		
SIBUR Holding JSC			x			
SIBUR Securities DAC			x			
Sichuan Expressway Company Limited				x		
Sidewinder Drilling LLC						x
Sierra Pacific Power Co.			x	x	x	
Silver Elephant Mining Corp.	x					
SilverBow Resources, Inc.		x	x			
Simba Essel Energy, Inc.	x					
SINANEN Holdings Co., Ltd.				x		
Sino Gas & Energy Holdings Ltd.		x	x			
Sino Oil and Gas Holdings Limited		x	x			
Sinopec Capital Co., Ltd.		x	x			
Sinopec Group Overseas Development (2012) Ltd.		x	x			
Sinopec Group Overseas Development (2013) Ltd.		x	x			
Sinopec Group Overseas Development (2014) Ltd.		x	x			
Sinopec Group Overseas Development (2015) Ltd.		x	x			
Sinopec Group Overseas Development (2016) Ltd.		x	x			
Sinopec Group Overseas Development (2017) Ltd.		x	x			
Sinopec Group Overseas Development (2018) Ltd.		x	x			
Sinopec Kantons Holdings Limited						x
Sinopec Oilfield Service Corporation						x
Sinopec Shanghai Petrochemical Company Limited			x		x	
Sintana Energy Inc.	x					
Sitio Royalties Corp.		x	x			
SK Discovery Co. Ltd.				x		
SK E&S Co., Ltd.			x	x	x	
SK Gas Co., Ltd.				x		x
SK Innovation Co., Ltd.		x	x			
SK, Inc.			x	x	x	
Slavneft-Yaroslavlnefteorgsintez PJSC			x			
SLB						x
Slovensky plynarensky Priemysel AS				x		
Slovnaft AS			x			
SM Energy Company		x	x			
Smart Sand, Inc.						x
SMC Global Power Holdings Corp.			x		x	

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
SNAM SpA				x		
Societatea Nationala de Gaze Naturale ROMGAZ SA		x	x	x	x	
S-Oil Corp.			x			
Sojitz Corp.		x	x	x		
Solaris Energy Infrastructure, Inc.						x
Solaris Midstream Holdings LLC						x
Solstad Offshore ASA						x
Songa Offshore SE						x
Sonoro Energy Ltd.	x					
Sound Energy Plc	x					
Source Energy Services LP						x
South Jersey Industries, Inc.				x		
South32 Ltd.		x	x	x		
South32 Treasury Ltd.		x	x	x		
Southern California Gas Co.				x		
Southern Company Gas				x		
Southern Company Gas Capital Corp.				x		
Southern Gas Corridor CJSC		x	x	x		
Southern Gas Networks Plc				x		
Southern Kuzbass Coal Co. PJSC						
Southern Natural Gas Co. LLC				x		
Southern Power Co.			x		x	
Southgobi Resources Ltd.		x	x			
Southwest Gas Corp.				x		
Southwest Gas Holdings, Inc.				x		x
Southwestern Electric Power Co.			x		x	
Southwestern Energy Company		x	x	x		
Southwestern Public Service Co.			x		x	
SP Corp. Ltd.				x		
Spartan Delta Corp.		x	x			x
Spectra Energy Partners LP				x		
SPIC 2016 US Dollar Bond Co. Ltd.		x	x		x	
SPIC 2018 USD Senior Perpetual Bond Co. Ltd.		x	x		x	
SPIC Industry-Finance Holdings Co., Ltd.			x		x	
SPIC Luxembourg Latin America Renewable Energy Investment Co.		x	x		x	
Spindletop Oil & Gas Co.		x	x			x
Spire Inc.				x		
SPP - distribucia as				x		
SPP Infrastructure Financing BV				x		
SPR Finance Corp.		x	x			
SPT Energy Group Inc.						x
St 1 Nordic Oy			x			
Stanmore Resources Limited		x	x			
Star Energy Group Plc		x	x			
Star Group LP				x		
Star Petroleum Refining Public Company Limited			x			
State Oil Company of Azerbaijan Republic		x	x			
State Power Investment Corp., Ltd.		x	x		x	
STEAG GmbH			x	x	x	
Stedin Holding NV				x		
Stena Metall AB				x		
Stena Metall Finans AB				x		
STEP Energy Services Ltd.						x
Stoneway Capital Corp.			x		x	
Storm Resources Ltd.		x	x			
Strad Inc.						x
StrataPower Corp.		x	x			
Strathcona Resources Ltd.		x	x			
Strike Energy Limited	x					

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Strong Petrochemical Holdings Limited				x		
Stronghold Digital Mining, Inc.			x		x	
Subsea 7 SA						x
Suburban Propane Partners, L.P.				x		
Sui Northern Gas Pipelines Ltd.				x		
Sumatec Resources Bhd.		x	x			
Sumiseki Holdings, Inc.				x		
Sumitomo Corp.		x	x	x	x	
Summit Midstream Corporation				x		
Summit Midstream Holdings LLC				x		
Summit Power Ltd.			x		x	
SunCoke Energy Partners Finance Corp.			x			x
SunCoke Energy Partners, L.P.			x			x
SunCoke Energy, Inc.			x			x
Suncor Energy Inc.		x	x			
Sundance Energy Inc.		x	x			
Sunoco Logistics Partners Operations LP				x		
Sunoco LP				x		
Sunpower Group Ltd.			x		x	
Sunshine Oilsands Ltd.		x	x			
Superior Energy Services, Inc.						x
Superior Plus Corp.				x		x
Superior Plus LP				x		x
Surge Energy Inc.		x	x			
Surgutneftegas PJSC		x	x			
SUSCO Public Company Limited				x		
Swan Energy Limited				x		x
T7 Global Berhad						x
Taiheiyo Kouhatsu Inc.				x		
Taiwan Cogeneration Corp.			x		x	x
Taki Chemical Co., Ltd.				x		
Talen Energy Corporation			x		x	
Talen Energy Supply LLC			x		x	
Talent Yield (Euro) Ltd.				x		
Talent Yield Investments Ltd.				x		
Tallgrass Energy Partners LP				x		
Tallgrass Energy, LP				x		
Talos Energy Inc.		x	x			
Talos Production, Inc.		x	x			
Tamarack Valley Energy Ltd.		x	x			
Tampa Electric Co.			x		x	
Tapstone Energy LLC		x	x	x		
Targa Pipeline Finance Corp.			x	x		
Targa Resources Corp.			x	x		
Targa Resources Partners Finance Corp.			x	x		
Targa Resources Partners LP			x	x		
Tatneft PJSC		x	x			
Tauron Polska Energia SA			x	x	x	
TBEA Co., Ltd.		x	x		x	x
TC Energy Corporation			x	x	x	
TC PipeLines, LP				x		
TCC Group Holdings CO., LTD.			x		x	
Technip Energies NV						x
TechnipFMC plc						x
Teck Resources Limited		x	x			
Tecnicas Reunidas SA						x
TECO Finance, Inc.			x	x	x	
Teepetrol SA		x	x			
Teekay Corporation						x
Teekay Shuttle Tanker Finance LLC						x
Teekay Tankers Ltd.						x

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Teine Energy Ltd.		x	x			
Tellurian Inc.		x	x			
Tenaga Nasional Berhad			x		x	
Tenaris SA						x
Tengizchevroil Finance Co. International Ltd.		x	x			
Tengizchevroil Finance Co. SARL		x	x			
Tennessee Gas Pipeline Co. LLC				x		
Tennessee Valley Authority			x		x	
Terega SA				x		
Terega SAS				x		
Termocandelaria Power SA			x	x	x	
TerraCom Limited		x	x			
Territorial Generating Co. No 1 PJSC			x		x	
Tervita Corporation			x			x
Tesoro Logistics Finance Corp.			x	x		
Tethys Oil AB		x	x			
TETRA Technologies, Inc.						x
Texas Eastern Transmission LP				x		
Texas Pacific Land Corp.		x	x			x
TGI International Ltd.				x		
TGS ASA						x
Thai Oil Public Company Limited			x		x	
Thaioil Treasury Center Co., Ltd.			x		x	
The AES Corporation			x		x	
The Brooklyn Union Gas Co.				x		
The Chugoku Electric Power Co., Inc.			x	x	x	
The Drilling Company of 1972 A/S						x
The East Ohio Gas Co.				x		
The Great Eastern Shipping Company Limited						x
The Great Taipei Gas Corp.				x		
The Hong Kong and China Gas Company Limited			x	x		x
The Hub Power Co. Ltd.		x	x		x	
The Kansai Electric Power Co., Inc.			x	x	x	
The Kenan Advantage Group, Inc.						x
The Lanna Resources Public Co., Ltd.		x	x			
The LEADCORP, Inc.				x		
The National Gas Company of Trinidad & Tobago Ltd.				x		
The Oil & Gas Holding Co. BSC		x	x			
The Okinawa Electric Power Co., Inc.			x		x	
The Power & Water Utility Co. for Jubail & Yanbu			x	x	x	
The Second Generation Co of the Wholesale Power Market PJSC			x		x	
The Southern Company			x	x	x	x
The Tata Power Company Limited			x		x	
The Williams Companies, Inc.			x	x		
Third Coast Midstream LLC				x		
Thunderbird Resources Equity, Inc.		x	x			
Thungela Resources Ltd.		x	x			
Tian Lun Gas Holdings Limited				x		x
Tiandi Science & Technology Co., Ltd.		x	x			x
Tianjin Port Development Holdings Limited				x		x
Tidewater Inc.						x
Tidewater Renewables Ltd.						x
Tipco Asphalt Public Co. Ltd.				x		
Titan Petrochemicals Group Limited				x		x
TNB Global Ventures Capital Bhd.			x		x	
Toa Oil Co., Ltd.			x		x	
TOELL Co., Ltd.				x		
TOHO GAS Co., Ltd.			x	x	x	x

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Tohoku Electric Power Co., Inc.			x	x	x	
TOKAI Holdings Corp.				x		
Tokyo Electric Power Co. Holdings, Inc.			x		x	
Tokyo Gas Co., Ltd.		x	x	x	x	x
Top Frontier Investment Holdings, Inc.			x		x	
Topaz Energy Corp.		x	x	x		
Topy Industries, Ltd.			x		x	
TORC Oil & Gas Ltd.		x	x			
TORM A/S						x
Torm Plc						x
Torrent Power Limited			x	x	x	
Toscana Energy Income Corporation		x	x			
Total Energy Services Inc.						x
TotalEnergies Capital Canada Ltd.		x	x		x	
TotalEnergies Capital International SA		x	x		x	
TotalEnergies Capital SA		x	x		x	
TotalEnergies Marketing Kenya Plc				x		
TotalEnergies Marketing Maroc SA				x		
TotalEnergies SE		x	x		x	
Touchstone Exploration Inc.		x	x			
Tourmaline Oil Corp.		x	x			
Towngas Finance Ltd.			x	x		x
Towngas Smart Energy Company Limited				x		
Toyo Kanetsu KK						x
TPI Polene Power Public Co., Ltd.			x	x	x	
TPI Polene Public Co. Ltd.			x		x	
Trafigura Funding SA				x		
Trafigura Group Pte Ltd.				x		
Trans Mountain Corp.				x		
TransAlta Corporation			x		x	
TransAlta Renewables Inc.			x		x	
TransCanada PipeLines Ltd.			x	x	x	
TransCanada Trust			x	x	x	
TransCapitalInvest DAC				x		
Transcontinental Gas Pipe Line Co. LLC				x		
Transfar Zhilian Co., Ltd.				x		
TransGlobe Energy Corporation		x	x			
TransMontaigne Partners LLC				x		
Transneft PJSC				x		
Transnet SOC Ltd.				x		x
Transocean Guardian Ltd.						x
Transocean Ltd.						x
Transocean Phoenix 2 Ltd.						x
Transocean Pontus Ltd.						x
Transocean Poseidon Ltd.						x
Transocean Sentry Ltd.						x
Transocean, Inc.						x
Transportadora de Gas del Norte SA				x		
Transportadora de Gas del Peru SA				x		
Transportadora de Gas del Sur SA			x	x		x
Transportadora de Gas Internacional SA ESP				x		
TravelCenters of America Inc.				x		
Trican Well Service Ltd.						x
Trinidad Generation Unlimited			x		x	
Trinidad Petroleum Holdings Ltd.		x	x			
TriSummit Utilities Inc.				x		
Tsakos Energy Navigation Limited						x
Tulip Oil Netherlands Offshore BV		x	x			
Tullow Oil Plc		x	x			
Turcas Petrol AS			x	x	x	
Turkiye Petrol Rafinerileri AS			x			

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
TXNM Energy, Inc.			x		x	
U.S. ENERGY CORP.		x	x			
U.S. Silica Holdings, Inc.						x
U.S. Well Services Holdings LLC						x
UBE Corp.			x	x	x	
UGI Corporation				x		
Ultrapar International SA				x		
Ultrapar Participacoes SA				x		
Unicorn Capital Partners Ltd.		x	x			x
UNIMOT SA				x		
Union Electric Co.			x	x	x	
Uniper SE			x	x	x	
Unipro PJSC			x		x	
Unit Corporation		x	x	x		x
United Energy Group Limited		x	x			
United Refining Co.			x			
United Strength Power Holdings Limited				x		
Unitil Corporation				x		
Up Energy Development Group Limited		x	x			
Urals Energy Public Co. Ltd.			x			
USA Compression Partners LP						x
Uzma Berhad						x
Valaris Limited						x
Valener Inc.				x		x
Valero Energy Corporation			x			
Valero Energy Partners LP				x		x
Valeura Energy Inc.	x					
Vallourec SA						x
Vantage Drilling Co.						x
Vantage Drilling International Ltd.						x
Var Energi ASA		x	x			
Vattenfall AB			x	x	x	
Vector Limited				x		
Vectren Corp.			x	x	x	
Vedanta Limited		x	x		x	
Vedanta Resources Finance II Plc		x	x		x	
Vedanta Resources Jersey Ltd.		x	x		x	
Vedanta Resources Ltd.		x	x		x	
Velesto Energy Berhad						x
Venture Global LNG, Inc.			x			
Veolia Environnement SA			x		x	x
Veren, Inc.		x	x			
Vermilion Energy Inc.		x	x	x		
Vertex Energy, Inc.			x			x
Via Renewables, Inc.				x		
Vibra Energia SA				x		
Vier Gas Transport GmbH				x		
Viesgo Infraestructuras Energeticas SL			x		x	
Vietnam National Petroleum Corp.				x		x
Viking Supply Ships AS						x
Vimetco NV		x	x			
Vine Energy, Inc.		x	x			
Viper Energy, Inc.		x	x			
Virginia Electric & Power Co.			x		x	
Viridian Group FundCo II Ltd.			x	x	x	
Viridien						x
Vistra Corp.			x	x	x	
Vistra Operations Co. LLC			x	x	x	
Vital Energy, Inc.		x	x	x		
Vitesse Energy, Inc.		x	x			
Viva Energy Group Ltd.			x	x		

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Vivo Energy Ltd.				x		
Volstad Subsea AS						x
VPower Group International Holdings Limited			x		x	x
VAALCO Energy, Inc.		x	x			
W&T Offshore, Inc.		x	x			
Wales & West Utilities Finance Plc				x		
Wales & West Utilities Ltd.				x		
Warren Resources, Inc.		x	x			
Warrior Met Coal, Inc.		x	x			
Wasco Berhad						x
Washington Gas Light Co.				x		
Washington H. Soul Pattinson and Company Limited		x	x			
Waypoint REIT Ltd.				x		
Weatherford International LLC						x
Weatherford International Ltd. (Bermuda)						x
Weatherford International plc						x
WEC Energy Group, Inc.			x	x	x	
Welltec A/S						x
Wentworth Resources Plc		x	x			
Western Energy Services Corp.						x
Western Midstream Operating LP			x	x		
Western Midstream Partners LP			x	x		
Western Refining Logistics LP				x		
Westmoreland Coal Co.		x	x			
Westmoreland Resource Partners LP		x	x			
WGL Holdings, Inc.				x		
WHA Utilities & Power Public Co. Ltd.			x		x	
White Energy Company Limited						x
White Star Petroleum LLC			x			
Whitecap Resources Inc.		x	x			
Whitehaven Coal Limited		x	x	x		
Williams Partners LP				x		
Wintershall Dea AG		x	x	x		x
Wintershall Dea Finance 2 BV		x	x	x		x
Wintershall Dea Finance BV		x	x	x		x
Wintershall Dea International GmbH		x	x	x		x
Wintime Energy Group Co., Ltd.		x	x	x	x	
Wisconsin Electric Power Company			x	x	x	
Wisconsin Power & Light Co.			x	x	x	
Wisconsin Public Service Corp.			x	x	x	
Wison Engineering Services Co. Ltd.						x
Wollongong Coal Limited		x	x			
Woodside Energy Group Ltd.		x	x	x		
Woodside Finance Ltd.		x	x	x		
World Kinect Corporation				x		
WPX Energy, Inc.		x	x			
Wuchan Zhongda Group Co., Ltd.				x		x
XCD Energy Limited	x					
Xcel Energy Inc.			x	x	x	
Xiamen International Trade Group Corp. Ltd.				x		
Xiangcai Co., Ltd.				x		
Xinjiang Guanghui Industry Investment (Group) Co., Ltd.		x	x	x		
Yanchang Petroleum International Limited		x	x	x		
Yancoal Australia Ltd.		x	x			
Yancoal International Resources Development Co., Ltd.		x	x	x	x	
Yangarra Resources Ltd.		x	x			
Yankuang Energy Group Co., Ltd.		x	x	x	x	
Yankuang Group (Cayman) Ltd.		x	x	x	x	

Fossil Fuel Company	Exploration	Extraction	Production	Distribution	Power	Services
Yantai Jereh Oilfield Services Group Co. Ltd.						x
Yesco Holdings Co., Ltd.				x		x
Yinson Holdings Berhad						x
Yorkshire Power Finance Ltd.		x	x			
YPF Energia Electrica SA			x		x	
YPF SA		x	x		x	
YTL Corporation Berhad			x		x	
YTL Power International Berhad			x		x	
Yuan Heng Gas Holdings Limited				x		
Yunnan Energy Investment Co., Ltd.				x		
Z Energy Ltd.				x		
ZAMET SA						x
Zapadoslovenska Energetika as				x		
Zargon Oil & Gas Ltd.		x	x			
Zephyr Energy Plc		x	x			
Zhaikmunai Finance BV		x	x			
Zhaikmunai International BV		x	x			
Zhejiang Jiahua Energy Chemical Industry Co., Ltd.			x		x	
Zhejiang Zheneng Electric Power Co., Ltd.			x	x	x	
Zhengzhou Coal Industry & Electric Power Co., Ltd.		x	x			
Zhongrong Xinda Group Co., Ltd.			x	x		
Zhongyu Energy Holdings Limited				x		
Zhuhai Holdings Investment Group Limited				x		
Zion Oil & Gas, Inc.	x					
Zorlu Enerji Elektrik Uretim AS				x		
AAG Energy Holdings Ltd.		x	x			
Total excluded companies	24	777	1326	872	527	514

Principal Adverse Impact exclusions for sustainable investments

Strongly negative performance across individual and/or in combination of principal adverse impact indicators. Includes all mandatory PAI indicators and certain voluntary indicators.

PAI Company	Climate and other environment-related indicators	Indicators for social or employee, respect for human rights, anti-corruption, and anti-bribery matters
11 PLC	x	
A&T Corp.	x	
Abraxas Petroleum Corporation	x	
ACC Limited	x	
Acerias Paz del Rio SA	x	
Acindar Industria Argentina de Aceros SA	x	
Acron PJSC	x	
ACWA Power Co.	x	
Adani Power Limited	x	
Adaro Finance BV	x	
Advanced Ceramic X Corp.	x	
Aeolus Tyre Co. Ltd.	x	
Aerojet Rocketdyne Holdings, Inc.		x
Aerospace Long-March International Trade Co Ltd		x
Afluente Geracao de Energia Eletrica SA	x	
AGL Energy Limited	x	
Aisha Steel Mills Ltd.	x	
Akansan Cimento Sanayi ve Ticaret AS	x	
Al Jouf Cement Co.	x	
Alamos Gold, Inc.	x	
Algoma Steel Group Inc.	x	
Alpiq Holding AG	x	
Alto Central LLC	x	
Alto Ingredients, Inc.	x	
Aluminium Extrusion Industries Plc	x	
American Bio Medica Corporation	x	
Amreli Steel Ltd.	x	
An Giang Import-Export Co.	x	
Andhra Paper Limited	x	
Andrea Electronics Corporation	x	
Angang Steel Co., Ltd.	x	
Anhui Conch Cement Company Limited	x	
Anhui GreatWall Military Industry Co., Ltd.		x
Anhui Military Industry Group Holding Co. Ltd.		x
Ankit Metal & Power Ltd.	x	
Anwar Galvanizing Ltd.	x	
Anyang Iron & Steel Co., Ltd.	x	
A-Online Capital (A.O.C.) Ltd.	x	
Arab Organization for Industrialization		x
Arabian Cement Co.	x	
Arabian Cement Co. (Egypt)	x	
A-Rank Berhad	x	
ArcelorMittal Finance SA	x	
ArcelorMittal Kryvyi Rih PJSC	x	
ArcelorMittal SA	x	
ArcelorMittal South Africa Ltd.	x	
Arch Resources, Inc.	x	
Arch Western Finance LLC	x	
Archrock, Inc.		x
Arcplus Group PLC	x	
Arkose Energy Corp.	x	
Armour Energy Limited	x	
Aryt Industries Ltd.		x
Ascent Industries Co.	x	

PAI Company	Climate and other environment-related indicators	Indicators for social or employee, respect for human rights, anti-corruption, and anti-bribery matters
Ashiana Ispat Ltd.	x	
Ashoka Manufacturing Ltd		x
Asia Cement (China) Holdings Corp.	x	
ASIA CEMENT Co., Ltd.	x	
ASIA Holdings Co., Ltd.	x	
Asia Metal Public Company Limited	x	
Asia Mineral JSC	x	
Asteel Group Berhad	x	
Atento Luxco 1 SA	x	
Atento S.A.	x	
Attock Cement Pakistan Ltd.	x	
Attock Refinery Ltd.	x	
Aura Systems, Inc.	x	
Auxilium Pharmaceuticals LLC	x	
Avibras Industria Aeroespacial SA		x
AviChina Industry & Technology		x
Aziyo Biologics, Inc.		x
Babylon Holdings Limited	x	
Bac Kan Mineral JSC	x	
BAE Systems (Finance) Ltd.		x
BAE Systems Plc		x
Balkrishna Industries Limited	x	
Bamburi Cement Co. Ltd.	x	
Bantec, Inc.	x	
Baoshan Iron & Steel Co., Ltd.	x	
Bao-Trans Enterprises Ltd.	x	
Barnwell Industries, Inc.	x	
Bashneft PJSOC		x
Bastas Baskent Cimento Sanayi ve Ticaret AS	x	
Bathurst Resources Limited	x	
Bayer AG		x
Bayer Capital Corp.		x
Bayer Capital Corp. BV		x
Bayer US Finance II LLC		x
Bayer US Finance LLC		x
BBMG Corporation	x	
BCA Customer Finance, Inc.		x
BE Group AB	x	
Beijing Tongrentang Co., Ltd.		x
Belspetsvneshtekhnika		x
Bengang Steel Plates Co., Ltd.	x	
Bergteamet Holding AB	x	
Bharat Dynamics Limited		x
Bien Hoa Concrete JSC	x	
Bihar Sponge Iron Ltd.	x	
Bisichi Plc	x	
Blue Earth Resources, Inc.	x	
BNSF Railway Co.	x	
Bookook Steel Co., Ltd.	x	
Border Timbers Ltd.	x	
Brikor Ltd.	x	
BWX Technologies, Inc.		x
Calpine Construction Finance Co. LP	x	
Calpine Corp.	x	
Can2 Termik AS		x
Canfor Pulp Products Inc.	x	
Capral Ltd.	x	
Captor Capital Corp.	x	
Caspian Sunrise Plc	x	
Cayman Golden Century Wheel Group Ltd.	x	
Çelik Halat ve Tel Sanayii AS	x	

PAI Company	Climate and other environment-related indicators	Indicators for social or employee, respect for human rights, anti-corruption, and anti-bribery matters
Cementir Holding NV	x	
Cemento Polpaico SA	x	
Cementos Bio Bio SA	x	
Cementos Molins SA	x	
CEMEX Holdings Philippines, Inc.	x	
CEMEX Latam Holdings SA	x	
Centamin Plc	x	
Central Puerto SA	x	
Century Global Commodities Corporation	x	
CGN Power Co., Ltd.		x
Chang Yee Steel Co., Ltd.	x	
Chengdu Kanghong Pharmaceutical Group Co., Ltd.	x	
Cherat Cement Co. Ltd.	x	
China Aerospace Science & Industry Corp. Ltd.		x
China Aerospace Science & Technology Corp.		x
China Aviation Oil (Singapore) Corp. Ltd.	x	
China BlueChemical Ltd.	x	
China CBM Group Company Limited	x	
China Coal Energy Co Ltd		x
China Eastern Airlines Corporation Limited		x
China Evergrande Group		x
China Hanking Holdings Ltd.	x	
China ITS (Holdings) Co., Ltd.	x	
China National Building Material Company Limited	x	
China North Industries Corp.		x
China North Industries Group Corp. Ltd.		x
China Northern Rare Earth (Group) High-Tech Co Ltd		x
China Oriental Group Company Limited	x	
China Poly Group Corp. Ltd.		x
China Power International Development Limited	x	
China Qinfa Group Limited	x	
China Resource & Environment Co., Ltd.	x	
China Resources Building Materials Technology Holdings Ltd.	x	
China Resources Power Holdings Co., Ltd.	x	
China Shanshui Cement Group Limited	x	
China Shipbuilding Industry Co., Ltd.		x
China Tianrui Group Cement Company Limited	x	
China United Insurance Service, Inc.	x	
Chongqing Iron & Steel Company Limited	x	
Cimsa Cimento Sanayi ve Ticaret AS	x	
City Cement Co.	x	
Cleco Corporate Holdings LLC	x	
CMI Ltd. (India)	x	
CNOOC Finance (2003) Ltd.		x
CNOOC Finance (2011) Ltd.		x
CNOOC Finance (2012) Ltd.		x
CNOOC Finance (2013) Ltd.		x
CNOOC Finance (2014) ULC		x
Cnooc Finance (2015) Australia Pty Ltd.		x
CNOOC Finance (2015) U.S.A. LLC		x
CNOOC Ltd		x
Concrete Engineering Products Berhad	x	
CONSOL Energy Inc.	x	
Construction Materials Industries & Contracting S.A.O.G.	x	
Construtora Sultepa SA	x	
ContourGlobal Ltd.	x	
ContourGlobal Power Holdings SA	x	
CoreCivic Corp		x
Corsa Coal Corp.	x	

PAI Company	Climate and other environment-related indicators	Indicators for social or employee, respect for human rights, anti-corruption, and anti-bribery matters
D.G. Khan Cement Co. Ltd.	x	
Da Nang Construction Building Materials Vicem JSC	x	
Dacian Gold Limited	x	
DAE DONG STEEL Co., Ltd.	x	
DAEJOO ENT Co., Ltd.	x	
DAIKIN INDUSTRIES Ltd.		x
Daiyang Metal Co., Ltd.	x	
Dalmia Bharat Limited	x	
Dandot Cement Co. Ltd.	x	
Data443 Risk Mitigation, Inc.	x	
Datang International Power Generation Co., Ltd.	x	
Day & Zimmerman Group Inc		x
DCM Corp.	x	
DCW Limited	x	
De Grey Mining Limited	x	
Defence Industries Organization Training & Research Institute		x
Development Advance Solution Co., Ltd.	x	
Dewan Cement Ltd.	x	
DFCITY Group Bhd.	x	
dhSteel	x	
Dneprovagonmash PJSC	x	
DONGIL INDUSTRIES Co., Ltd.	x	
Dongwu Cement International Limited	x	
DONGYANG STEEL Co., Ltd.	x	
Dorogobuzh PJSC	x	
DTE Energy Co		x
Earth Gen-Biofuel, Inc.	x	
East African Cables Plc	x	
Eastern Treads Ltd.	x	
Economic Explosives Ltd.		x
Edesal Holding SA	x	
Eisen- und Huettenwerke AG	x	
EL Forge Ltd.	x	
EL5-Energo PJSC	x	
Electric Power Development Co., Ltd.	x	
Electricite d'Emosson SA	x	
Electrotherm (India) Ltd.	x	
Empresa Agroindustrial Pomalca SA	x	
En+ Group International PJSC		x
Endo Finance Co.	x	
Endo Finance LLC	x	
Endo International Plc	x	
Endo Ltd.	x	
Endo Luxembourg Finance Company ISARL	x	
ENEA SA	x	
Energy Transfer Equity LP		x
Eng Electric Co., Ltd.	x	
Enwell Energy Plc	x	
EPI (Holdings) Limited	x	
EQ Resources Limited	x	
Eskom Holdings SOC Ltd.	x	
ESS Tech, Inc.	x	
Esterline Technologies Corp.		x
Export-Import Bank of India		x
Exxaro Resources Ltd.	x	
Facor Alloys Ltd.	x	
Fauji Cement Co. Ltd.	x	
Federal Grid Co Unified Energy System PJSC		x
Feishang Anthracite Resources Limited	x	
Fertilizantes Heringer SA	x	

PAI Company	Climate and other environment-related indicators	Indicators for social or employee, respect for human rights, anti-corruption, and anti-bribery matters
Flying Cement Co. Ltd.	x	
Fonterra Shareholders' Fund	x	
Formosa Taffeta Co., Ltd.		x
Fortaleza Materiales SAB de CV	x	
Forward Energy PJSC		x
Forza Petroleum Limited	x	
Fountain Set (Holdings) Limited	x	
Friedman Industries, Incorporated	x	
Fufeng Group Limited	x	
Fujairah Cement Industries Co.	x	
Fujian Cement, Inc.	x	
Fujian Funeng Co., Ltd.	x	
Gansu Jiu Steel Group Hongxing Iron & Steel Co., Ltd.	x	
Gaz Capital SA		x
Gaz Finance Plc		x
Gazprom Capital OOO		x
Gazprom Neft PJSC		x
Gazprom Neftekhim Salavat JSC		x
Gazprom PJSC		x
GC Rieber Shipping Holding AS	x	
GCL Technology		x
GD Power Development Co., Ltd.	x	
General Dynamics Corporation		x
General Dynamics Ordnance & Tactical Systems, Inc.		x
General Mining Co. Plc	x	
Genting Bhd		x
Genting Plantations Berhad		x
GEO Group		x
GEOSTR Corp.	x	
Gerry Weber International AG	x	
Ghandhara Tyre & Rubber Co. Ltd.	x	
GITI Tire Corp.	x	
Global Heavy Chemicals Ltd.	x	
GOIL Plc	x	
Golik Holdings Limited	x	
Goodluck India Ltd.	x	
Goodyear Lastikleri TAS	x	
Gopal Iron & Steels Co. Gujarat Ltd.	x	
GreenGro Technologies, Inc.	x	
Grupa Azoty Zaklady Azotowe Pulawy SA	x	
Grupo Famsa SAB de CV	x	
GTT Communications, Inc.	x	
Guangdong Baolihua New Energy Stock Co., Ltd.	x	
Guangdong Electric Power Development Co., Ltd.	x	
Guangdong Zhongnan Iron & Steel Co., Ltd.	x	
Guinea Insurance Plc	x	
Guizhou Wire Rope Co., Ltd.	x	
Gujarat Mineral Development Corporation Limited	x	
GUJARAT NARMADA VALLEY FERTILIZERS & CHEMICALS LIMITED	x	
Gulf Cement Co. PSC	x	
Gyeongnam Steel Co., Ltd	x	
Hail Cement Co.	x	
Hangzhou Iron & Steel Co., Ltd.	x	
Hanil Cement Co., Ltd.	x	
Hanil Holdings Co., Ltd.	x	
Hanil Hyundai Cement Co., Ltd.	x	
Hanjin KAL Corp.	x	
Hankook & Company Co., Ltd.	x	
HANKOOK ATLASBX Co., Ltd.	x	

PAI Company	Climate and other environment-related indicators	Indicators for social or employee, respect for human rights, anti-corruption, and anti-bribery matters
HANKOOK STEEL Co., Ltd.	x	
Hedera Group AB	x	
HEG Limited	x	
Heidelberg Materials Bangladesh Plc	x	
HeidelbergCement India Limited	x	
Hibiscus Petroleum Berhad	x	
Hidili Industry International Development Limited	x	
Hindustan Oil Exploration Company Limited	x	
Hisar Metal Industries Ltd.	x	
Histeel Co., Ltd.	x	
Hoa Cam Concrete JSC	x	
Hod - Assaf Industries Ltd.	x	
Hokuetsu Metal Co., Ltd.	x	
Holcim (Argentina) SA	x	
Holcim Philippines, Inc.	x	
Howa Machinery, Ltd.		x
HTG Molecular Diagnostics, Inc.	x	
Huadian Energy Co., Ltd.	x	
Huadian Power International Corp. Ltd.	x	
Huaneng Power International, Inc.	x	
Huaxin Cement Co., Ltd.	x	
Huaxin Cement International Finance Co., Ltd.	x	
Humanigen, Inc.	x	
Hunan Valin Steel Co., Ltd.	x	
Huntington Ingalls Industries, Inc.		x
Husteel Co., Ltd.	x	
Hwange Colliery Co. Ltd.	x	
Hyundai BNG Steel Co., Ltd.	x	
IAMGOLD Corporation	x	
ICL Group Ltd.		x
IMEC Services Ltd.	x	
India Steel Works Ltd.	x	
Indian Metals & Ferro Alloys Ltd.	x	
Indo Energy Finance II BV	x	
Inducto Steel Ltd.	x	
Industrial Nanotech, Inc.	x	
Inner Mongolia Baotou Steel Union Co		x
Inner Mongolia Mengdian Huaneng Thermal Power Corp. Ltd.	x	
Inner Mongolia Yitai Coal Co., Ltd.		x
Inoue Rubber (Thailand) Public Co. Ltd.	x	
InterCement Financial Operations BV	x	
InterCement Portugal SA	x	
Intergis Co., Ltd.	x	
International Energy Group LLC (Missouri)	x	
International Industries Ltd.	x	
International Steels Ltd.	x	
Interoil Exploration & Production ASA	x	
Ipek Dogal Enerji Kaynaklari Arastirma ve Uretim AS	x	
Iproeb SA		x
IRCE SpA	x	
Irkutskenergo JSC		x
iSign Solutions, Inc.	x	
Israel Corp. Ltd.		x
IT Tech Packaging, Inc.	x	
Izhstal PAO		x
J.K. Cement Limited	x	
Jaiprakash Power Ventures Limited	x	
Japan Petroleum Exploration Co., Ltd.		x
Jastrzebska Spolka Weglowa SA	x	x
JBJ Technologies Ltd.		x

PAI Company	Climate and other environment-related indicators	Indicators for social or employee, respect for human rights, anti-corruption, and anti-bribery matters
JEIL TECHNOS Co., Ltd.	x	
JG Summit Holdings, Inc.		x
Jiangxi Copper Co Ltd		x
Jiangxi Wannianqing Cement Co., Ltd.	x	
Jinneng Holding Shanxi Electric Power Co., Ltd.	x	
JK Lakshmi Cement Limited	x	
JMV LPS Ltd.		x
Jointown Pharmaceutical Group Co., Ltd.		x
Juhayna Food Industries	x	
Jura Energy Corporation	x	
K. Kythreotis Holdings Public Ltd.	x	
Kachchh Minerals Ltd.	x	
Kanani Industries Ltd.	x	
Kanishk Steel Industries Ltd.	x	
KCP Ltd.	x	
K-Electric Ltd.		x
KEUM KANG STEEL Co., Ltd.	x	
KIC Metals Ltd.	x	
KISCO Holdings Corp.	x	
KNT-CT Holdings Co. Ltd.	x	
Kobelco Wire Co., Ltd.	x	
Kogi Corp.	x	
Kohat Cement Co. Ltd.	x	
Komatsu Ltd.		x
Korea East-West Power Co., Ltd.	x	
Korea Midland Power Co., Ltd.	x	
Korea South-East Power Co. Ltd.	x	
Korea Southern Power Co., Ltd.	x	
KOREA STEEL Co., Ltd. (South Korea)	x	
Korea Western Power Co., Ltd.	x	
Kot Addu Power Co. Ltd.		x
Krasnoyarsk Hydropower Plant JSC		x
KSB Limited		x
KSB SE & Co. KGaA		x
Kuwait Cement Co. KPSC	x	
L3 Technologies, Inc.		x
L3Harris Technologies, Inc.		x
Lafarge Africa PLC	x	
Laive SA	x	
Lake Resources N.L.	x	
Larsen & Toubro Limited		x
Lee & Man Chemical Co. Ltd.	x	
Leidos Holdings, Inc.		x
Lens Technology Co Ltd		x
Li Ning Company Limited		x
Li-Cycle Holdings Corp.	x	
LIG Corp.		x
LIG Nex1 Co., Ltd.		x
LILAMA 10 JSC	x	
Lilama 5 JSC	x	
Lilama 69-1 JSC	x	
Lilama Erection Mechanical JSC	x	
Lingyuan Iron & Steel Co., Ltd.	x	
Liquidmetal Technologies, Inc.	x	
Lockheed Martin Corporation		x
Lohia Securities Ltd.	x	
Loma Negra Compania Industrial Argentina SA	x	
LSR Group PJSC		x
Lubelski Wegiel BOGDANKA SA	x	
Lucky Cement Ltd.	x	
Luks Group (Vietnam Holdings) Co., Ltd.	x	

PAI Company	Climate and other environment-related indicators	Indicators for social or employee, respect for human rights, anti-corruption, and anti-bribery matters
Luossavaara-Kiirunavaara AB	x	
Lysaght Galvanized Steel Berhad	x	
Magna Electro Castings Ltd.	x	
Magnum Ventures Ltd.	x	
Mahamaya Steel Industries Ltd.	x	
Majapahit Holding BV	x	
Malakoff Corporation Berhad	x	
Malaysia Steel Works (KL) Bhd.	x	
Manho Rope & Wire Co., Ltd.	x	
Maple Leaf Cement Factory Ltd.	x	
Marksmen Energy Inc.	x	
MAYU Global Group Berhad	x	
Mechel PAO		x
Meghna Cement Mills Plc	x	
Meghna Petroleum Ltd.	x	
Merafe Resources Ltd.	x	
Metal Fabricators of Zambia Plc	x	
Metalloinvest Holding Co. JSC		x
Metallurgical Corporation of China		x
MIE Holdings Corporation	x	
Miju Steel Mfg. Co., Ltd.	x	
Minasmaquinas SA	x	
Minoan Lines SA	x	
Misr Beni Suef Cement Co. SAE	x	
Misr Cement Co. (Qena)	x	
Mississippi Power Co.	x	
Mobile TeleSystems PJSC		x
Moelven Industrier ASA	x	
Molitec Steel Co., Ltd.	x	
Monsanto Co.		x
Mosenergo OAO	x	
Motos America, Inc.	x	
MSP Steel & Power Ltd.	x	
MTAR Technologies Ltd.		x
Maanshan Iron & Steel Company Limited	x	
NACCO Industries, Inc.	x	
Naigai Trans Line Ltd.	x	
Najran Cement Co.	x	
Nakayama Steel Works, Ltd.	x	
National Aluminium Co. Ltd.	x	
National Fertilizers Ltd.	x	
National General Industries Ltd.	x	
National Gypsum Co.	x	
National Steel Industry Co.	x	
Nava Limited	x	
NCL Industries Ltd.	x	
Neturen Co., Ltd.	x	
New Times Corporation Limited	x	
Nichia Steel Works, Ltd.	x	
Nihon Kogyo Co., Ltd.	x	
Ningxia Building Materials Group Co., Ltd.	x	
Nippon Chutetsukan KK	x	
Nippon Chuzo KK	x	
Nippon Concrete Industries Co., Ltd.	x	
Nippon Hume Corp.	x	
Nippon Koshuha Steel Co., Ltd.	x	
NLC India Ltd.	x	
Non-Standard Finance plc	x	
Northern Dynasty Minerals Ltd.	x	
Northern Region Cement Co.	x	
Northrop Grumman Corporation		x

PAI Company	Climate and other environment-related indicators	Indicators for social or employee, respect for human rights, anti-corruption, and anti-bribery matters
Northrop Grumman Systems Corp.		x
Novolipetsk Steel		x
NTPC Limited	x	
Nuh Cimento Sanayi AS	x	
Nuvoco Vistas Corp. Ltd.	x	
Oman Cement Company SAOG	x	
OMV Petrom SA		x
Ordtech Military Industries		x
Orient Cement Limited	x	
Orient Paper & Industries Limited	x	
Orizon Valorizacao de Residuos SA	x	
Ozon Holdings Plc		x
Pacific Metals Co., Ltd.	x	
PacifiCorp	x	
Pakistan Ordnance Factories		x
Pakistan Paper Products Ltd.	x	
Panchmahal Steel Ltd.	x	
Par Pharmaceutical, Inc.	x	
Peabody Energy Corporation	x	
Pear Therapeutics, Inc.	x	
Pennar Industries Limited	x	
Petrolia SE	x	
Petroliam Nasional Bhd.	x	
PDD Holding/ Temu	x	x
PETRONAS Gas Berhad	x	
PGE Polska Grupa Energetyczna SA	x	
PGE Sweden AB	x	
PGT Holdings JSC	x	
Phillips 66		x
PhosAgro PJSC		x
PIK-specialized homebuilder PJSC		x
Pioneer Cement Ltd.	x	
Pomina Steel Corp.	x	
Poongsan Corp.		x
POONGSAN HOLDINGS Corp.		x
Portsmouth Square, Inc.	x	
Posco International Corp		x
POSCO STEELEON Co., Ltd.	x	
Power Cement Ltd.	x	
Power Construction Corporation of China		x
PPC Ltd.	x	
Prakash Industries Limited	x	
Prax Upstream Ltd.	x	
Preem AB	x	
Premier Cement Mills Plc	x	
Premier Explosives Ltd.		x
Prinx Chengshan Holdings Limited	x	
Prism Johnson Limited	x	
Professional Waste Technology 1999 Public Co., Ltd.	x	
PT Astra International Tbk		x
PT Bukit Asam Tbk	x	
PT Bumi Resources Minerals Tbk	x	
PT Citra Tubindo Tbk	x	
PT Dian Swastatika Sentosa Tbk		x
PT Elnusa Tbk	x	
PT Goodyear Indonesia Tbk	x	
PT Gunawan Dianjaya Steel Tbk	x	
PT Indika Energy Tbk	x	
PT Indocement Tunggul Prakarsa Tbk	x	
PT Indofood Sukses Makmur Tbk		x

PAI Company	Climate and other environment-related indicators	Indicators for social or employee, respect for human rights, anti-corruption, and anti-bribery matters
PT Jaya Pari Steel	x	
PT Lion Metal Works Tbk	x	
PT Lionmesh Prima Tbk	x	
PT Organon Pharma Indonesia Tbk	x	
PT Pelat Timah Nusantara Tbk	x	
PT Perusahaan Listrik Negara (Persero)	x	
PT Prima Alloy Steel Universal Tbk	x	
PT Saranacentral Bajatama Tbk	x	
PT Semen Baturaja Tbk	x	
PT Semen Indonesia (Persero) Tbk	x	
PT SMR Utama Tbk	x	
PT Solusi Bangun Indonesia Tbk	x	
Qatar Electricity & Water Co.	x	
Qatar National Cement Co.	x	
Qatari Investors Group	x	
QazaqGaz National Co. JSC	x	
Quad M Solutions, Inc.	x	
Quang Nam Mineral Industry Corp.	x	
Radius Recycling, Inc.	x	
Rajasthan Tube Manufacturing Co. Ltd.	x	
Rama Paper Mills Ltd.	x	
Ranhill Utilities Bhd.		x
Ras Al Khaimah Co. for White Cement & Construction Materials	x	
Rathi Steel & Power Ltd.	x	
RattanIndia Power Limited	x	
ReadyMix Plc	x	
Red Rock Resorts, Inc.		x
Rediff.com India Limited	x	
Refinaria de Petroleos de Manguinhos SA	x	
RegeneRx Biopharmaceuticals, Inc.	x	
Reliance Infrastructure Limited	x	
Reliance Natural Resources Ltd.	x	
Reliance Power Limited	x	
Reshef Technologies Ltd		x
Rheinmetall AG		x
Robert Bosch GmbH	x	
Rostec State Corp		x
Rostelecom PJSC		x
S.A.L. Steel Ltd.	x	
Sagar Cements Ltd.	x	
Sahaviriya Steel Industries Public Co. Ltd.	x	
Sai Son Cement JSC	x	
SAIC Motor Corp. Ltd		x
Salzgitter AG	x	
Salzgitter Finance BV	x	
SAMHYUN STEEL Co., Ltd.	x	
Samruk-Energy JSC	x	
Samsung C&T Corp.		x
Sandhar Technologies Limited		x
Sangal Papers Ltd.	x	
Sanghi Industries Ltd.	x	
Sanok Rubber Company SA	x	
Sansteel MinGuang Co.,Ltd.,Fujian	x	
Santos		x
Sanyu Co., Ltd.	x	
Sappi Ltd.		x
Saras SPA	x	
Sasol Financing International Ltd.	x	
Sasol Financing Ltd.	x	
Sasol Financing USA LLC	x	

PAI Company	Climate and other environment-related indicators	Indicators for social or employee, respect for human rights, anti-corruption, and anti-bribery matters
Sasol Ltd.	x	
Saudi Arabian Oil Co.		x
Saudi Electricity Co.	x	
Saudi Electricity Global Sukuk Co.	x	
Saudi Electricity Global Sukuk Co. - 2	x	
Saudi Electricity Global Sukuk Co. - 3	x	
Saudi Electricity Global Sukuk Co. - 4	x	
Saudi Electricity Global Sukuk Co. - 5	x	
Saudi Electricity Sukuk Programme Co.	x	
Saurashtra Cement Ltd.	x	
Sayaji Industries Ltd.	x	
SeAH SPECIAL Steel Co., Ltd.	x	
Selan Exploration Technology Ltd.	x	
Semirara Mining & Power Corp.		x
Service Industries Ltd.	x	
Shamal Az-Zour Al-Oula Power & Water Co. KSCP	x	
Shandong Iron & Steel Co., Ltd.	x	
Shandong Jinling Mining Co., Ltd.	x	
Shanghai Electric Power Co., Ltd.	x	
Shanxi Antai Group Co., Ltd.	x	
Shanxi Taigang Stainless Steel Co., Ltd.	x	
Sharing Economy International Inc.	x	
Sharjah Cement & Industrial Development Co.	x	
SHB Trading Investment JSC	x	
Shenzhen Energy Group Co., Ltd.	x	
Shenzhen Gas Corp. Ltd.		x
Shenzhen Nanshan Power Co., Ltd.		x
Sherritt International Corporation	x	
SHIN HWA DYNAMICS Co., Ltd.	x	
Shree Cement Limited	x	
Shree Krishna Paper Mills & Industries Ltd.	x	
Shreyans Industries Ltd.	x	
Siam City Cement Public Company Limited	x	
Siam Steel Service Center Public Co., Ltd.	x	
SideChannel, Inc.	x	
Sidma SA Steel Products	x	
Silk Road Logistics Holdings Limited	x	
Sinotruk Hong Kong Ltd.		x
SLM Corp. Public Co. Ltd.	x	
SMC Investment Trading JSC	x	
Smith-Midland Corporation	x	
SNT DYNAMICS Co., Ltd.		x
SNT Holdings Co., Ltd.		x
Societatea Nationala de Gaze Naturale ROMGAZ SA		x
Solar Industries India Limited		x
Sollensys Corp.	x	
South Valley Cement Co.	x	
Southern Province Cement Co.	x	
Spancrete Corp.	x	
Special Machine Building & Metallurgy PJSC		x
Spindletop Oil & Gas Co.	x	
SSANGYONGC&E.Co., Ltd.	x	
St. Marys Cement Inc. (Canada)	x	
Steel & Tube Holdings Limited	x	
Steel Authority of India Limited	x	
Steuler Fliesengruppe AG	x	
Straits Energy Resources Berhad	x	
Sudal Industries Ltd.	x	
Sugarmade, Inc.	x	
Sumitomo Osaka Cement Co., Ltd.	x	

PAI Company	Climate and other environment-related indicators	Indicators for social or employee, respect for human rights, anti-corruption, and anti-bribery matters
SunCoke Energy Partners Finance Corp.	x	
SunCoke Energy Partners, L.P.	x	
SunCoke Energy, Inc.	x	
Sunflag Iron & Steel Co. Ltd.	x	
SUNGSHIN CEMENT Co., Ltd.	x	
Sunshine Oilsands Ltd.	x	
Surgutneftegas PJSC	x	x
Surya Roshni Limited	x	
SYNergy ScienTech Corp.	x	
Synthetic Moulders Ltd.		x
TA Mfg Ltd.		x
Tabuk Cement Co.	x	
Taiheiyō Cement Corp.	x	
Takamisawa Co., Ltd.	x	
Takasago Tekko KK	x	
Talen Energy Supply LLC	x	
Tamilnadu Steel Tubes Ltd.	x	
Tangshan Jidong Cement Co. Ltd.	x	
Tanjung Bin Energy Issuer Bhd.	x	
TAQA Morocco SA	x	
Tata Metaliks Limited	x	
Tatneft PJSC		x
Tattooed Chef, Inc.	x	
TC Energy Corporation		x
TCC Group Holdings CO., LTD.	x	
TCC International Holdings Ltd.	x	
TerraCom Limited	x	
Texhong Textile Group Limited		x
Thai Agro Energy Public Co., Ltd.	x	
Thatta Cement Co. Ltd.	x	
The Boeing Company		x
The Hub Power Co. Ltd.	x	
The India Cements Limited	x	
The Okinawa Electric Power Co., Inc.		x
The Power & Water Utility Co. for Jubail & Yanbu		x
The Second Generation Co of the Wholesale Power Market PJSC	x	
The Southern Rubber Industry JSC	x	
The Steel Public Company Limited	x	
Third Bench, Inc.	x	
Thungela Resources Ltd.	x	
ThyssenKrupp AG	x	
ThyssenKrupp Finance Nederland BV	x	
Tianshan Material Co., Ltd.	x	
Tien Trung JSC	x	
Titan Cement Co. SA	x	
Titan Cement International SA	x	
Titan Global Finance Plc	x	
TMT Steel Public Company Limited	x	
Tohoku Steel Co., Ltd.	x	
Tokuyama Corp.	x	
Tokyo Cement Company (Lanka) PLC	x	
Tonner Drones SA	x	
Top Kinisis Travel Public Ltd.	x	
Totech Corp.	x	
Toyo Asano Foundation Co., Ltd.	x	
TPI Polene Power Public Co., Ltd.	x	
TPI Polene Public Co. Ltd.	x	
Tplex Co., Ltd.	x	
TransDigm Group Incorporated		x
TransDigm, Inc.		x

PAI Company	Climate and other environment-related indicators	Indicators for social or employee, respect for human rights, anti-corruption, and anti-bribery matters
Transport & Chartering Corp.	x	
Trinidad Cement Ltd.	x	
Trinity Exploration & Production Plc	x	
Tulsyan NEC Ltd.	x	
Turcas Petrol AS		x
TVS Srichakra Limited	x	
Tycoons Worldwide Group (Thailand) Public Co., Ltd.	x	
U.S. ENERGY CORP.	x	
Udaipur Cement Works Ltd.	x	
Ultratech Cement Ltd.	x	
Umm Al-Qaiwain General Investments Co. PSC	x	
Umm Al-Qura Cement Co.	x	
Union Corp. (Korea)	x	
Unipro PJSC	x	
Universal Coal Plc	x	
Vamshi Rubber Ltd.	x	
Vardhman Special Steels Ltd.	x	
Vassiliko Cement Works Public Co. Ltd.	x	
Vedan International (Holdings) Limited	x	
Vedanta Resources Finance II Plc	x	
Vedanta Resources Jersey Ltd.	x	
Vedanta Resources Ltd.	x	
Venlon Enterprises Ltd.	x	
Vicat SA	x	
VICEM But Son Cement JSC	x	
Vicem Gypsum & Cement JSC	x	
Vicem Ha Tien Cement JSC	x	
Vietnam Germany Steel Pipe JSC	x	
Vietnam National Petroleum Corp.	x	
ViewRay, Inc.	x	
Vinaship JSC	x	
VNECO 8 Electricity Construction JSC	x	
Vnsteel - Vicasa JSC	x	
Volgogradenergosbyt OAO	x	
Votorantim Cimentos SA	x	
Vueling Airlines SA	x	
Walchandnagar Industries Ltd.		x
Welcast Steels Ltd.	x	
WesCan Energy Corp.	x	
West China Cement Ltd.	x	
Wintek Corp.		x
Wintime Energy Group Co., Ltd.	x	
Wolf Energy Services, Inc.	x	
Wonil Special Steel Co., Ltd.	x	
Wuhan Iron & Steel Co., Ltd.	x	
X5 Retail Group NV		x
XCPCNL Business Services Corp.	x	
Xiamen Sunrise Group Co., Ltd.	x	
Xingda International Holdings Limited	x	
Xinjiang Qingsong Building Materials & Chems (Group) Co., Ltd.	x	
Xinyu Iron & Steel Co., Ltd.	x	
Xiwang Special Steel Company Limited	x	
Yakutsk Fuel & Energy Co. PJSC	x	
Yamamah Saudi Cement Co.	x	
YAMAU HOLDINGS CO., LTD.	x	
Yamax Corp.	x	
YanAn Bicon Pharmaceutical Listed Co.	x	
Yanbu Cement Co.	x	
Yangzijiang Shipbuilding (Holdings) Ltd.	x	
Youngwire Co., Ltd.	x	

PAI Company	Climate and other environment-related indicators	Indicators for social or employee, respect for human rights, anti-corruption, and anti-bribery matters
YTL Corporation Berhad		x
Yunnan Baiyao Group Co., Ltd.		x
Yunnan Bowin Technology Industry Co., Ltd.	x	
Zamil Industrial Investment Co.	x	
Zespol Elektrocieplowni Wroclawskich Kogeneracja SA	x	
Zhejiang Kangsheng Co., Ltd.	x	
Zhejiang Kingland Pipeline & Technologies Co., Ltd.	x	
Zhejiang Zheneng Electric Power Co., Ltd.	x	
Zhida International (Holdings) Limited	x	
Zhongjin Gold Corp. Ltd.	x	
Zijin Mining		x
Aare Tessin AG fuer Elektrizitaet	x	
Total excluded companies	625	165

Approved Exemptions

Fossil Fuel Transition Cases

Current list of approved transition cases for the fossil fuel exclusion category:

Enel SpA

Exelon Corporation

Iberdrola SA

Orsted A/S

SSE Plc