

Excluded Investments

Introduction

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.

The level of exclusions that apply varies depending on the specific strategy under management as we strive to design our investment product offering to cater for the different preferences of customers. The majority of investment products under management apply exclusions on [Sustainability Risks](#). Investments products that are actively promoted and disclosing exclusions as an integral part of the investment strategy typically apply a combination of exclusions that consider environmental, social and governance related aspects, including:

- [Enhanced Sustainability Standards](#)
- [Peat Fired Power Generation](#)
- [Tar Sands](#)
- [Thermal Coal](#)
- [Controversial Weapons](#)
- [Tobacco](#)

For many of our managed funds, these base exclusions are supplemented by exclusions on [Pornography](#). Most Danske Invest funds marketed towards our Norwegian customers also have exclusions, [SPU Exclusions](#), replicating those of the Norges Bank Investment Management (Statens Pensjons Utland).

For certain investment products we apply an even more extended range of exclusions to meet the sustainability preferences of our clients, including exclusions relating to:

- [Extended Enhanced Sustainability Standards](#)
- [Alcohol](#)
- [Gambling](#)
- [Military Equipment](#)
- [Fossil Fuel Transition Laggards](#)
- [Fossil Fuels](#)
- [Paris Aligned Benchmark \(PAB\)](#)
- [Climate Transition Benchmark \(CTB\)](#)

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 investment products that invest partially in sustainable investments, the PAI-exclusions only generally apply to those investments. For investments products with the objective of only investing in sustainable investments, the PAI-Exclusions apply to all investments.

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](#).

The screening of companies and other issues covered by these exclusions is carried out at a bi-annual basis resulting in updates to the exclusion lists under each category. For the screening 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 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 with an excluded issuer does not, in principle, lead to the exclusion of other issuers. The exclusion lists do not cover indirect exposures to the issuers gained via the use of derivatives. 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. You will find an overview of these exemptions [here](#).

The Responsible Investment Committee may in extraordinary cases decide to allow for an investment product to stay invested in an investment otherwise excluded by the product in accordance with the [Exclusion Instruction](#) and principles set out on de minimis exposures.

Sustainability Risk Exclusions

Danske Bank applies sustainability risk exclusions for the majority of managed investment products as part of our commitments to consider and integrate sustainability risk considerations in our investment management processes. The sustainability risk exclusions capture involvement in activities deemed to expose significant risks to investments based on a proprietary model.

Excluded Investments

Alliance Aviation Services Ltd	KyungDong Invest Co Ltd	Qutoutiao Inc
Baskent Dogalgaz Dagitim Gayrimenkul	Liberty TripAdvisor Holdings, Inc.	Rgc Resources, Inc.
Yatirim Ortakligi AS	Mesa Air Group Inc	Shaan Xi Provincial Natural Gas Co Ltd
Bristow Group Inc.	Multi Commodity Exchange of India Ltd	Shanghai Dazhong Public Utilities Group Co Ltd
China Express Airlines Co Ltd	N L Industries, Inc.	Sun Country Airlines Holdings Inc
Cox & Kings Ltd	National Gas & Industrialization Co	Trada Alam Minera Tbk PT
Ferrellgas Partners LP	OmniAb Inc	TRG Pakistan
Holly Energy Partners, L.P.	Opera Ltd	Unity Bancorp, Inc.
Indian Bank	Prospect Capital Corporation	

Enhanced Sustainability Standards

The Enhanced Sustainability Standards screening is Danske Bank's proprietary screening model that supports the exclusion of 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 that are disclosing this to investors.

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. More information on the screening can be found in this [methodology paper](#).

The Enhanced Sustainability Standards screening process consists of three sub-processes with exclusions tied to each:

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

Excluded Investments - Incident & Event-based Screening

Abrau-Durso PJSC	Beijing Tong Ren Tang Chinese Medicine Co., Ltd.	CNOOC Curtis Funding No. 1 Pty Ltd.
AcBel Polytech, Inc.	Beijing Tongrentang Co., Ltd.	CNOOC Finance (2003) Ltd.
Acron PJSC	Belon OJSC	CNOOC Finance (2011) Ltd.
Adani Abbot Point Terminal Pty Ltd.	Belpetsvneshtekhnika	CNOOC Finance (2012) Ltd.
Adani Enterprises	Beluga Group PJSC	CNOOC Finance (2013) Ltd.
Adani Green Energy	Bharat Electronics Limited	CNOOC Finance (2014) ULC
Adani Ports & Special Economic Zones	Bharat Heavy Electricals Ltd	Cnooc Finance (2015) Australia Pty Ltd.
Aeroflot PJSC	Black Sea Trade & Development Bank	CNOOC Finance (2015) U.S.A. LLC
Aganftegazgeologia OAO	BRF SA	CNOOC Ltd
Agrofirma Mcenskaya OAO	Bunge Alimentos SA	Commercial Sea Port of Vladivostok PJSC
Alfa-Bank	Bunge Brasil SA	Companhia Energetica De Minas Gerais (CEMIG)
Almaz-Antei PAO	Bunge Finance Europe BV	Conoco Funding Co.
Alrosa PJSC	Bunge Ltd	ConocoPhillips
ALROSA-Nyurba PJSC	Bunge Ltd. Finance Corp.	ConocoPhillips Australia Funding Co.
Aphria	Bunge NA Finance LP	ConocoPhillips Canada Funding Co. I
Archer-Daniels Midland Co.	Cargill	ConocoPhillips Canada Funding Co. II
Arktikneftegazstroy OAO	Center for Cargo Container Traffic	ConocoPhillips Co.
Aselsan Elektronik Sanayi ve Ticaret AS	TransContainer PJSC	CoreCivic Corp
Atomic Energy Power Corp.	Centerenergyholding JSC	Credit Bank of Moscow PJSC
Avangard Bank PJSC	Centrais Eletricas Brasileiras SA (Eletrobras)	Dalmoreprodukt
Avary Holding (Shenzhen) Co., Ltd.	Central Bank of the Russian Federation/The	Daqo New Energy Corp.
AviChina Industry & Technology	Central Telegraph PJSC	DTE Energy Co
Aziyo Biologics, Inc.	Cetelem Bank	Dushanzi Petrochemical Company
Bajaj Hindustan Sugar Ltd.	Changhong Meiling Co., Ltd.	Elbit Systems Ltd.
Bamtonnelstroy	Chelyabinsk Forge & Press Plant PJSC	Elektrostal OAO
Bank Otkritie Financial Corp OJSC Via OFCB	Chelyabinsk Metallurgical Plant PJSC	ElSewedy Electric Co
Capital PLC	Chelyabinsk Pipe Plant PJSC	EN+ Group International PJSC
Bank Otkritie Financial Corp PJSC/Tochka	Cherkizovo Group PJSC	Enbridge Inc
Bank Rossiya OAO	China Coal Energy Co Ltd	ENEL RUSSIA PJSC
Bank St Petersburg PJSC	China National Nuclear Corp.	Energospecmontazh
Bank ZENIT PJSC	China National Petroleum Corporation (CNPC)	Energy Transfer Equity LP
Barrick (PD) Australia Finance Pty Ltd.	China Shipbuilding Industry Co., Ltd.	Energy Transfer Operating LP
Barrick Gold	China Traditional Chinese Medicine Holdings Co. Ltd.	European Eltech PJSC
Barrick Gold Finance Co.	Chrezvichainaia strahovaia co CHSK OAO	Evraz Plc
Barrick North America Finance LLC	CNOOC Canada, Inc.	Eximbank of Russia
Barrick TZ Ltd.		Exxon Mobil Corporation
Bashneft PJSC		



Far-Eastern Energy Co PJSC
Far-Eastern Shipping Co PLC
Federal Grid Co Unified Energy System PJSC
First Pacific Company Limited
Formosa Chemicals & Fibre Corp.
Formosa Taffeta Co., Ltd.
Freeport McMoRan
Gaikskiy GOK OAO
Gazkon PJSC
Gazprom Gazoraspredelenie Syktyvkar AO
Gazprom Neft PJSC
Gazprom PJSC
Gazprom PJSC Via Gaz Capital SA
Gazprom PJSC via Gaz Finance PLC
Gazprombank
Gaz-service PJSC
GAZ-Tek PJSC
GCL New Energy Holdings Limited
GCL Technology
GCM Resources plc
GenBank
Genting Bhd
Genting Plantations Berhad
GEO Group
Geotech Seismic Services PJSC
Giprospetsgaz OAO
Glencore
Golden Agri-Resources Ltd
Grand Pharmaceutical Group Ltd.
Grupo Mexico SAB de CV
Gruppa kompaniy kommunalnoy sfery PAO
Gtlk Europe Capital DAC
Halcyon Agri Corp Ltd
HALS-Development PJSC
Haoxiangni Health Food Co., Ltd.
Harmony Gold Mining Co Ltd
HIKVision
Honeys Holding
Hoshine Silicon Industry Co., Ltd.
Hotel Kosmos OAO
Huaihe Energy (Group) Co., Ltd.
Human Stem Cells Institute PJSC
IDGC of Centre and Volga Region PJSC
IDGC of the North-West PJSC
IDGC of Urals JSC
Imperial Oil Ltd
Indofood Agri Resources Ltd.
Ingosstrakh Insurance Co
INGRAD OOO
Inner Mongolia Baotou Steel Union Co
Inter RAO UES PJSC
INVEST-DEVELOPMENT PJSC
IOI Corporation Berhad
IOI Investment Labuan Bhd.
Irkutskenergo PJSC
Izhorskiye Zavody PJSC
Jastrzebska Spolka Weglowa SA
JBS Finance II Ltd.
JBS SA
JBS USA Finance, Inc.
JBS USA LLC
JG Summit Holdings, Inc.
Jiangsu Guotai International Group Co., Ltd.
Jiangxi Copper Co Ltd
Jinko Solar Co
Jointown Pharmaceutical Group Co., Ltd.
JSC Kalashnikov
Kalugaputmarsh
Kaluzsky Plant of Automobile Electrical
Equipment OAO
Kamaz PJSC
Kamchatskenergo PJSC
Khanty-Mansiyskdorstroy OAO
KIBO Energy PLC
Komi Energosbytovaya Co OAO
Komitex JSC
Korporatsiya Takticheskoe Raketnoe
Vooruzhenie OAO
Korporatsiya Takticheskoe Raketnoe
Vooruzhenie OAO
Korshynov Mining Plant PJSC
Kovrovskiy Mekhanicheskii Zavod OAO
Krasfarma OAO
Krasnoyarskenergosbyt PJSC
Krasnoyarsknefteproduct
Krasnyj Ocyabr PJSC

Kriogenmash PAO
KTK Group Co., Ltd.
Kuban Trunk Grid
KuibyshevAzot PJSC
Kurganskaya Generiruyushchaya Kompaniya
PAO
Kuzbasskaya Toplivnaya Co JSC
Lengazspecstroy OAO
Lens Technology Co Ltd
Lenzoloto PJSC
Li Ning Company Limited
LSR Group PJSC
LUKOIL PJSC
Luthai Textile Co Ltd
Luxshare Precision Industry Co Ltd
M.Video PJSC
Magadanenergo PJSC
Magnit PJSC
Magnitogorsk Iron & Steel Works PJSC
Marathon Petroleum Corp
Mechel PJSC
MegaFon PJSC
Metafrax OAO
Metallurgical Corporation of China
Mikron JSC
Minerva SA
MMC Norilsk Nickel PJSC
Mobile TeleSystems PJSC
Moscow City Telephone Network PJSC
Moscow Exchange MICEX-RTS PJSC
Mosenergo PJSC
Mostotrest PJSC
Muhibbah Engineering (M) Bhd.
Nauchno-Proizvodstvennoe Obedinenie S plav
OAO
NC Rosneft- Kubannefteproduct PJSC
Nitel OAO
Nizhegorodoblغاز OAO
Nizhnetskamskneftekhim PJSC
Novatek PJSC
Novikombank AO
Novolipetsk Steel PJSC
Novorosselexport OAO
Novorossiysk Commercial Sea Port PJSC
Novorossiyskiy Kombinat Khleboproduktov
PAO
NTPC Ltd
Obnyftegazgeologia OJSC
OCP SA
OFILM Group Co., Ltd.
OGK-2 PJSC
Oil & Natural Gas Corp
ONGC Videsh Ltd.
Oracle Power PLC
Organicheskyy Sintez PJSC
Otkritie Bank OJSC
Ozon Holdings PLC
Permenergosbyt PJSC
PetroChina Company Limited
Petroleum Trading Lao Public Co
Petropavlovsk PLC
Pharmacy Chain 36.6 PJSC
Phillips 66
PhosAgro PJSC
Pigment OJSC
PIK Group PJSC
PJSC SPC Energia
Polymetal International Plc
Polyus PJSC
POSCO
Posco International Corp
Positive Group PJSC
Power Construction Corporation of China
Press Metal Aluminium Holdings Berhad
Press Metal Bhd.
Priargunskiy Industrial Mining and Chemical
Union OAO
Priisk Dambuki OAO
Primorie Bank PJSC
Proizvodstvennoye Ob Yedineniye Severnoye
Mashinostroitel'noye Predpriyatiye AO
Promsvyazbank
PT Astra Agro Lestari Tbk
PT Astra International Tbk
PT Bakrie & Brothers Tbk
PT Barito Pacific Tbk

PT Indofood Sukses Makmur Tbk
PT Perusahaan Perkebunan London Sumatra
Indonesia Tbk
PT Salim Ivomas Pratama Tbk
PT Sawit Sumbermas Sarana Tbk
Quadra Power Generation PJSC
Raspadskaya OAO
Red Rock Resorts, Inc.
Renaissance Insurance Group JSC
Rio Zim Ltd.
Rosgosstrakh PJSC
Rosneft Oil Co PJSC
Rosseti Centre PJSC
Rosseti Kuban PJSC
Rosseti Lenenergo PJSC
Rosseti Moscow Region PJSC
Rosseti North Caucasus PJSC
ROSSETI PJSC
Rosseti Siberia PJSC
Rosseti South PJSC
Rosseti Volga PJSC
Rostec
Rostec State Corp
Rostelecom PJSC
Rostovoblغاز PJSC
Rushydro PJSC
Rusolovo PJSC
Ruspolimet OJSC
Russia Federation
Russian Agricultural Bank
Russian Agricultural Bank OJSC Via RSHB
Capital SA
Russian Aquaculture PJSC
Russian Direct Investment Fund
Russian Railways JSC
RussNeft PJSC
Ryazan Energy Retail Co PJSC
SAIC Motor Corp. Ltd
Samaraenergo PJSC
Samarco Mineracao SA
Samolet Group
Santos
Saratovskiy Neftepererabatyvayushchiy Zavod
PJSC
Sasol Financing International Plc
Sasol Financing USA LLC
Sasol Ltd
Sberbank of Russia PJSC
Sberbank of Russia Via SB Capital SA
Segezha Group PJSC
Seligdar PJSC
Severalmaz PAO
Severstal PAO
SFI PJSC
Shein
Sinotruk Hong Kong Ltd.
Sistema PJSCF
SJVN Lmt.
SK Holdings Co
SK Innovation Co Ltd
Slavneft-Megionneftegaz PPO OAO
Slavneft-Megionneftegazgeologia OAO
Slavneft-Yaroslavnefteorgsintez OJSC
SLC Agricola SA
Sokolskiy Pulp & Paper
Solikamsk Magnesium Plant OJSC
Sollers PJSC
South32
Southern Copper
South-Kuzbass GRES OAO
Sovcombank PJSC
Sovcomflot PJSC
SPB Exchange PJSC
Sredneural'skiy Medeplavilnyy Zavod OAO
Surgutneftegas PJSC
Sysmanzoloto OAO
Ta Ann Holdings Bhd
Taganrog Boiler-Making Works Krasny
kotelshchik PJSC
Tatneft PJSC
Tattelecom PJSC
TBEA
TCS Group Holding PLC
Texhong Textile Group Limited
TGC-1 PJSC
TGC-2 PJSC



TGK-14 PJSC
Tingo Group
TNS energo Nizhny Novgorod PJSC
TNS energo Rostov-on-Don PJSC
TNS Energo Voronezh PJSC
TNS Energo Voronezh PJSC
TNS energo Yaroslavl PJSC
TNS Energos PJSC

Tong Ren Tang Technologies Co., Ltd.
Tongling Nonferrous Metals Group
Toyo Ventures Holdings Bhd.
TransFin-M PAO
Transkapitalbank
Trina Solar
Tulachermet PAO
Tulamashzavod

Tulanefteprodukt PJSC
Turquoise Hill Resources Ltd.
Tutaev Motor Plant OAO
Tverskoy Vagonostroitel'ny Zavod
Uchalinskiy Gorno-Obogatitel'ny Kombinat
OAO
Udmurtneft OAO

Excluded Investments – Good Governance

ABC-MART, INC.
ACTIVE BIOTECH AB
ARIAKE JAPAN Co., Ltd.
Converge Technology Solutions Corp.
Datang International Power Generation Co., Ltd.
DONG SUH Companies Inc.
DoubleUGames Co., Ltd.
Everbright Securities Company Limited
Evertz Technologies Limited

Ferrotec Holdings Corp.
Fresnillo plc
Fujicco Co., Ltd.
Huadian Power International Corporation Limited
Monarch Casino & Resort, Inc.
NB Bancorp, Inc.
New China Life Insurance Company Ltd.
Ningbo Deye Technology Co., Ltd.
Rorze Corp.

SD Biosensor, Inc.
SmartFinancial, Inc.
STEICO SE
Toei Animation Co., Ltd.
TowneBank
Traction AB
Urban One, Inc.
Wacker Neuson SE
Xinyi Glass Holdings Ltd
Zhaojin Mining Industry Co., Ltd

Excluded Investments – Country Assessments

Afghanistan
Equatorial Guinea
Niger
Bangladesh
Eritrea
North Korea
Belarus
Guinea
Russia

Burundi
Haiti
Somalia
Cambodia
Iran
South Sudan
Central African Republic
Liberia
Sudan

Chad
Libya
Syria
Cuba
Madagascar
Turkmenistan
Democratic Republic of Congo
Myanmar
Yemen

Extended Enhanced Sustainability Standards

Exclusions under the Extended Enhanced Sustainability Standards screening are applied to selected investment products made available to investors with limited risk appetite in relation to incidents and events associated with certain sustainability themes and/or which otherwise might have an interest in not investing into companies captured by these exclusions.

Excluded Investments

Babcock International Group Plc
BCA Customer Finance, Inc.
Boeing Capital Corp.
BWX Technologies, Inc.
CAE Inc.
China Evergrande Group
China Northern Rare Earth (Group) High-Tech Co Ltd
ConocoPhillips
Evergrande Property Services Group Ltd.

Evergreen Marine Corp Taiwan Ltd
Export-Import Bank of India
Hexo Corp
Huntington Ingalls Industries, Inc.
Jacobs Solutions, Inc.
Jinko Solar Holding Co Ltd
Korea Line Corp
Leidos Holdings, Inc.
Leidos, INC
PDD Holdings Inc.

Sasol Ltd
Shikun & Binui
Texwinca Holdings Co
The Boeing Company
Tri-State Generation and Transmission Association Inc
Vale SA
Zuari Agro Chemical



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. Criteria for the exclusion are defined in the [Exclusion Instruction](#).

Excluded Investment

Neova Oy

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]. Criteria for the exclusion are defined in the [Exclusion Instruction](#).

Excluded Investments

Athabasca Oil Corporation	CK Hutchison International [20] Ltd.	Hutchison Whampoa International [09/19] Ltd.
Baytex Energy (LP) Ltd.	CK Hutchison International [21] Ltd.	Hutchison Whampoa International [10] Ltd.
Baytex Energy Corp.	Ecopetrol SA	Hutchison Whampoa International [11] Ltd.
BlackPearl Resources, Inc.	Freehold Royalties Ltd.	Hutchison Whampoa International [12] Ltd.
Canadian Natural Resources Limited	Harvest Operations Corp.	Hutchison Whampoa International [14] Ltd.
Cenovus Energy Inc.	Hutchison Whampoa Europe Finance [12] Ltd.	Hutchison Whampoa International 12 II Ltd.
Cerro Negro Finance Ltd.	Hutchison Whampoa Europe Finance [13] Ltd.	Imperial Oil Limited
CK Hutchison Capital Securities [17] Ltd.	Hutchison Whampoa Finance [03/13] Ltd.	MEG Energy Corp.
CK Hutchison Capital Securities (Europe) Ltd.	Hutchison Whampoa Finance [05] Ltd.	North West Redwater Partnership, Inc.
CK Hutchison Europe Finance [18] Ltd.	Hutchison Whampoa Finance [06] Ltd.	PC Financial Partnership
CK Hutchison Europe Finance [21] Ltd.	Hutchison Whampoa Finance [09] Ltd.	Pengrowth Energy Corporation
CK Hutchison Finance [16] [II] Ltd.	Hutchison Whampoa Finance [14] Ltd.	Petroleos de Venezuela SA
CK Hutchison Finance [16] Ltd.	Hutchison Whampoa Finance [CI] Ltd.	Sonoro Energy Ltd.
CK Hutchison Group Telecom Finance SA	Hutchison Whampoa Finance UK Plc	Strata Power Corp.
CK Hutchison Holdings Limited	Hutchison Whampoa International [03/33] Ltd.	Strathcona Resources Ltd.
CK Hutchison International [16] Ltd.	Hutchison Whampoa International [09] Ltd.	Suncor Energy Inc.
CK Hutchison International [17] II Ltd.	Hutchison Whampoa International [09/16] Ltd.	Sunshine Oilsands Ltd.
CK Hutchison International [17] Ltd.		
CK Hutchison International [19] [II] Ltd.		
CK Hutchison International [19] Ltd.		

Thermal Coal

Thermal coal designates coal used by power plants and industrial steam boilers to produce electricity or process steam. Criteria for the exclusion are defined in the [Exclusion Instruction](#).

Excluded Investments

Aboitiz Equity Ventures, Inc.	Avista Corporation	China Resources Power Holdings Co., Ltd.
Aboitiz Power Corp.	Banpu Power Public Co. Ltd.	China Shenhua Energy Company Limited
Abu Dhabi National Energy Co. PJSC	Banpu Public Company Limited	China Shenhua Overseas Capital Co., Ltd.
Adani Electricity Mumbai Ltd.	Bathurst Resources Limited	Chubu Electric Power Co., Inc.
Adani Enterprises Limited	Beijing Energy Investment Holdings Ltd.	Cleco Corporate Holdings LLC
Adani Power Limited	Beijing Haohua Energy Resource Co., Ltd.	Cloud Peak Energy Inc.
AES Andes SA	Beijing Jingneng Power Co., Ltd.	Cloud Peak Energy Resources LLC
AES Argentina Generacion SA	Berkshire Hathaway Energy Co.	CLP Holdings Limited
AES El Salvador Trust II	Bisichi Plc	CMS Energy Corporation
AES Espana BV	Black Hills Corporation	Coal Energy SA
African Rainbow Minerals Ltd.	Brickworks Limited	Coal India Ltd.
AGL Energy Limited	Bulgarian Energy Holding EAD	Colbun SA
Agritrade Resources Limited	Bumi Investment Pte Ltd.	Consumers Energy Company
Aksa Enerji Uretim AS	Can2 Termik AS	ContourGlobal Ltd.
Alabama Power Company	Capital Power Corporation	ContourGlobal Power Holdings SA
Albioma SA	CenterPoint Energy, Inc.	Core Natural Resources, Inc.
ALLETE, Inc.	CESC Limited	Coronado Finance Pty Ltd.
Alliance Holdings GP LP	CEZ as	Coronado Global Resources Inc.
Alliance Resource Operating Partners LP	China Coal Energy Company Limited	Datang International Power Generation Co., Ltd.
Alliance Resource Partners LP	China Coal Xinji Energy Co., Ltd.	Deneb Investments Ltd.
Alliant Energy Corporation	China Huadian Corp., Ltd.	DMCI Holdings, Inc.
Altius Minerals Corporation	China Huadian Overseas Development 2018 Ltd.	Dominion Energy, Inc.
Ameren Corporation	China Huadian Overseas Development Management Co., Ltd.	Dominion Resources Capital Trust I
American Electric Power Company, Inc.	China Huaneng Group Co., Ltd.	Dominion Resources Capital Trust III
Anhui Hengyuan Coal Industry & Electricity Power Co., Ltd.	China Longyuan Power Group Corp. Ltd.	DTE Electric Co.
Appalachian Power Co.	China Power International Development Limited	DTE Energy Company
Arch Resources, Inc.	China Qinfu Group Limited	Duke Energy Carolinas LLC
Arizona Public Service Co.		Duke Energy Corporation
Atlantic Power Corporation		Duke Energy Florida LLC



Duke Energy Florida Project Finance LLC
Duke Energy Ohio, Inc.
Dynegy Finance I, Inc.
Electric Power Development Co., Ltd.
Electricity Generating Public Company Limited
Elion Energy Co., Ltd.
Emera Incorporated
Emera US Finance LP
Empresa Electrica Angamos SA
ENEA SA
Energia Finance AB
Energia SA
Energeticky a prumyslovny holding as
Engie Energia Chile SA
Engro Corporation Limited
Entergy Arkansas LLC
Entergy Utility Affiliates LLC
Entergy Utility Property, Inc.
EP Energy as
EP Infrastructure as
EPH Financing International as
Eskom Holdings SOC Ltd.
Eterna Capital Pte Ltd.
Evergy Kansas Central, Inc.
Evergy, Inc.
EWE AG
Exxaro Resources Ltd.
Feishang Anthracite Resources Limited
First Pacific Company Limited
FirstEnergy Corp.
Foresight Energy LLC
Foresight Energy LP
Fujian Funeng Co., Ltd.
Gansu Energy Chemical Co., Ltd.
GD Power Development Co., Ltd.
Genesis Energy Limited
Geo Energy Resources Limited
Georgia Power Co.
Glencore Capital Finance DAC
Glencore Finance [Canada] Ltd.
Glencore Finance [Europe] Ltd.
Glencore Funding LLC
Glencore plc
Global Power Synergy Public Company Limited
Glow Energy Public Company Limited
GMR Power & Urban Infra Ltd.
Golden Energy and Resources Limited
GS Holdings Corp.
Guangdong Baoliuhua New Energy Stock Co., Ltd.
Guangdong Electric Power Development Co., Ltd.
Guangdong Investment Limited
Guanghui Energy Co., Ltd.
Guangxi Guiguan Electric Power Co., Ltd.
Guangzhou Development Group, Inc.
Guizhou Panjiang Refined Coal Co., Ltd.
Gujarat Mineral Development Corporation Limited
Hallador Energy Company
Hero Asia Investment Ltd.
Hidili Industry International Development Limited
HK Electric Investments & HK Electric Investments Ltd.
Hokkaido Electric Power Co., Inc.
Hokuriku Electric Power Co.
Hopewell Holdings Ltd.
Hosken Consolidated Investments Ltd.
Huadian Energy Co., Ltd.
Huadian Power International Corporation Limited
Huaibei Mining Holdings Co., Ltd.
Huaneng Hong Kong Capital Ltd.
Huaneng Power International, Inc.
Hubei Energy Group Co., Ltd.
IDACORP, Inc.
IE2 Holdco SAU
Indiana Michigan Power Co.
Indika Energy Capital III Pte Ltd.
Indo Energy Finance BV
Indo Energy Finance II BV
Indo Integrated Energy II BV
Inner Mongolia Dian Tou Energy Corp. Ltd.
Inner Mongolia Junzheng Energy & Chemical Group Co., Ltd.

Inner Mongolia Mengdian Huaneng Thermal Power Corp. Ltd.
Inner Mongolia Yitai Coal Co., Ltd.
Inner Mongolia Yuan Xing Energy Co., Ltd.
Inter RAO UES PJSC
InterGen NV
Interstate Power & Light Co.
IPALCO Enterprises, Inc.
Irkutskenergo JSC
Israel Electric Corp. Ltd.
ITOCHU ENEX CO., LTD.
Izdemir Enerji Elektrik Uretim AS
Izmir Demir Celik Sanayi AS
Jaiprakash Power Ventures Limited
JAKS Resources Berhad
Jardine Cycle & Carriage Limited
Jastrzebska Spolka Weglowa SA
Jiangsu Guoxin Corp. Ltd.
Jinneng Holding Shanxi Coal Industry Co., Ltd.
Jinneng Holding Shanxi Electric Power Co., Ltd.
Jizhong Energy Resources Co., Ltd.
Jointo Energy Investment Co., Ltd. Hebei
JSW Energy Limited
Kinetic Development Group Limited
Kobe Steel, Ltd.
Korea East-West Power Co., Ltd.
Korea Electric Power Corp.
KSK Power Venture Plc
Kuzbasskaya Toplivnaya Kompaniya PJSC
KyungDong Invest Co., Ltd.
Kyushu Electric Power Co., Inc.
LG&E & KU Energy LLC
Listrindo Capital BV
Louisville Gas & Electric Co.
Lubelski Wegiel BOGDANKA SA
Lucky Cement Ltd.
LX International Corp.
Majapahit Holding BV
Malakoff Corporation Berhad
Manila Electric Co.
MC Mining Limited
MDU Resources Group, Inc.
Mechel PAO
Metro Pacific Investments Corporation
MGE Energy, Inc.
MidAmerican Energy Co.
MidAmerican Funding LLC
Mississippi Power Co.
Mitsui Matsushima Holdings Co., Ltd.
Monongahela Power Co.
Murray Energy Corporation
NACCO Industries, Inc.
Natural Resource Partners LP
Nava Limited
New Hope Corporation Limited
NiSource Inc.
NLC India Ltd.
Northern Electric Finance Plc
Northern States Power Co.
NorthWestern Energy Group, Inc.
NTPC Limited
Odas Elektrik Uretim Sanayi Ticaret AS
OGE Energy Corp.
Oglethorpe Power Corp.
Oklahoma Gas & Electric Co.
Old ANR LLC
Origin Energy Finance Ltd.
Origin Energy Limited
Otter Tail Corporation
PacifiCorp
Park Elektrik Uretim Madencilik Sanayi ve Ticaret AS
Peabody Energy Australia PCI Pty Ltd.
Peabody Energy Corporation
Petmin Ltd.
Petrovietnam Power Corp.
PGE Polska Grupa Energetyczna SA
PGE Sweden AB
Pingdingshan Tianan Coal Mining Co., Ltd.
Pinnacle West Capital Corporation
Portland General Electric Company
Power Assets Holdings Limited
PPL Capital Funding, Inc.
PPL Corporation
PT ABM Investama Tbk
PT Adaro Indonesia

PT Alamtri Resources Indonesia Tbk
PT Alfa Energi Investama Tbk
PT Astra International Tbk
PT Bayan Resources Tbk
PT Berau Coal Energy
PT Bukit Asam Tbk
PT Bumi Resources Tbk
PT Cikarang Listrindo Tbk
PT Dian Swastatika Sentosa Tbk
PT Golden Eagle Energy TBK
PT Golden Energy Mines Tbk
PT Harum Energy Tbk
PT Indika Energy Tbk
PT Indo Tambangraya Megah Tbk
PT MNC Asia Holding Tbk
PT Perusahaan Listrik Negara (Persero)
PT Petrindo Jaya Kreasi Tbk
PT Timah Tbk
PT Trada Alam Minera Tbk
PT United Tractors Tbk
Public Power Corp. Finance Plc
Public Power Corp. SA
Public Service Company of Colorado
Public Service Company of New Mexico
Puget Energy, Inc.
Puget Sound Energy, Inc.
RATCH Group Public Co., Ltd.
RattanIndia Power Limited
Refrigeration Electrical Engineering Corp.
Reliance Infrastructure Limited
Reliance Power Limited
Rhino Resource Partners LP
RWE AG
RWE Finance US LLC
Sadovaya Group
Sakari Resources Ltd.
Salungano Group Ltd.
Samruk-Energy JSC
San Miguel Corporation
San Miguel Global Power Holdings Corp.
Sarda Energy & Minerals Limited
SCANA Corp.
SDIC Power Holdings Co., Ltd.
Semirara Mining & Power Corp.
SGC Energy Co., Ltd.
Shaanxi Coal Industry Co., Ltd.
Shaanxi Energy Investment Co., Ltd.
Shan Xi Hua Yang Group New Energy Co. Ltd.
Shandong Energy Group Co., Ltd.
Shanghai Datun Energy Resources Co., Ltd.
Shanghai Electric Power Co., Ltd.
Shanxi Coal International Energy Group Co., Ltd.
Shanxi Coking Coal Energy Group Co., Ltd.
Shanxi Lanhua Sci-Tech Venture Co., Ltd.
Shanxi Lu'An Environmental Energy Development Co., Ltd.
Shenergy Co., Ltd.
Shenzhen Energy Group Co., Ltd.
Shikoku Electric Power Co., Inc.
Sierra Pacific Power Co.
Southern Kuzbass Coal Co. PJSC
Southwestern Electric Power Co.
Southwestern Public Service Co.
SPIC 2016 US Dollar Bond Co. Ltd.
SPIC 2018 USD Senior Perpetual Bond Co. Ltd.
SPIC Industry-Finance Holdings Co., Ltd.
SPIC Luxembourg Latin America Renewable Energy Investment Co.
State Power Investment Corp., Ltd.
STEAG GmbH
Stronghold Digital Mining, Inc.
Sunpower Group Ltd.
Talen Energy Corporation
Talen Energy Supply LLC
Tauron Polska Energia SA
TBEA Co., Ltd.
TCC Group Holdings CO., LTD.
Tenaga Nasional Berhad
Tennessee Valley Authority
TerraCom Limited
The AES Corporation
The Chugoku Electric Power Co., Inc.
The Hub Power Co. Ltd.
The Kansai Electric Power Co., Inc.
The Lanna Resources Public Co., Ltd.



The Okinawa Electric Power Co., Inc.
The Second Generation Co. of the Wholesale
Power Market PJSC
The Southern Company
The Tata Power Company Limited
Thungela Resources Ltd.
TNB Global Ventures Capital Bhd.
Tohoku Electric Power Co., Inc.
Tokyo Electric Power Co. Holdings, Inc.
Top Frontier Investment Holdings, Inc.
Torrent Power Limited
TPI Polene Power Public Co., Ltd.
TPI Polene Public Co. Ltd.
TransAlta Corporation
Tucson Electric Power Co.
TXNM Energy, Inc.

Union Electric Co.
Unipro PJSC
Vectren Corp.
Viesgo Infraestructuras Energeticas SL
Vimetco NV
Virginia Electric & Power Co.
Vistra Corp.
Vistra Operations Co. LLC
Washington H. Soul Pattinson and Company
Limited
WEC Energy Group, Inc.
Westmoreland Coal Co.
Westmoreland Resource Partners LP
WHA Utilities and Power Public Company
Limited
Whitehaven Coal Limited

Wintime Energy Group Co., Ltd.
Wisconsin Electric Power Company
Wisconsin Power & Light Co.
Wisconsin Public Service Corp.
Wollongong Coal Limited
Xcel Energy Inc.
Xinjiang Guanghui Industry Investment (Group)
Co., Ltd.
Yancoal Australia Ltd.
Yancoal International Resources Development
Co., Ltd.
Yankuang Energy Group Co., Ltd.
Yankuang Group (Cayman) Ltd.
Zhejiang Zheneng Electric Power Co., Ltd.
Zhengzhou Coal Industry & Electric Power Co.,
Ltd.

Controversial Weapons

In accordance with the Exclusion Instruction, weapons are considered controversial when their production and use are assessed to be in conflict with the prohibitions set out in international conventions. Further criteria for the exclusion are defined in the [Exclusion Instruction](#).

Excluded Investments

Aerospace Long-March International Trade
Co., Ltd.
Anhui GreatWall Military Industry Co., Ltd.
Anhui Military Industry Group Holding Co. Ltd.
Arab Organization for Industrialization
Aryt Industries Ltd.
Ashoka Manufacturing Ltd
Atomic Energy Power Corp.
Avibras Industria Aeroespacial SA
Bharat Dynamics Limited
China Aerospace Science & Industry Corp. Ltd.
China Aerospace Science & Technology Corp.
China National Nuclear Corp.
China North Industries Corp.
China North Industries Group Corp. Ltd.
China Nuclear Engineering & Construction
Corp. Ltd.

China Poly Group Corp. Ltd.
China Shipbuilding Industry Co., Ltd.
Defence Industries Organization
JBJ Technologies Ltd.
JMV LPS Ltd.
KSB Limited
KSB SE & Co. KGaA
Larsen & Toubro Limited
LIG Corp.
LIG Nex1 Co., Ltd.
Lockheed Martin Corporation
MTAR Technologies Ltd.
Ordtch Military Industries
Pakistan Ordnance Factories
Poongsan Corp.
POONGSAN HOLDINGS Corp.
Premier Explosives Ltd.

Reshef Technologies Ltd.
Rostec Corp.
Sandhar Technologies Limited
SNT DYNAMICS Co., Ltd.
SNT Holdings Co., Ltd.
Solar Defence & Aerospace Ltd.
Solar Industries India Limited
Special Machine Building & Metallurgy PJSC
State-Owned Foreign Trade Unitary Enterprise
Belspetsvneshtech
Synthetic Moulders Ltd.
The Day & Zimmermann Group, Inc.
Walchandnagar Industries Ltd.
Zen Technologies Ltd.

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'. Criteria for the exclusion are defined in the [Exclusion Instruction](#).

Excluded Investments

22nd Century Group, Inc.
A-1 Group, Inc.
Al-Eqbal Co. for Investment Plc
Altadis Emisiones Financieras SA
Altadis SA
Altria Group, Inc.
American Heritage International, Inc.
AMVIG Holdings Ltd.
Arcis Resources Corp.
Asberry 22 Holdings, Inc.
Asenovgrad Tabac AD
B.A.T Capital Corp.
B.A.T. Finance BV
B.A.T. International Finance Plc
B.A.T. Netherlands Finance BV
BADECO ADRIA dd
BAT Brasil
British American Tobacco Argentina SAICY F
British American Tobacco Australlasia Ltd.
British American Tobacco Bangladesh
Company Limited
British American Tobacco Chile Operaciones
SA
British American Tobacco Co. Ltd.
British American Tobacco Holdings (The
Netherlands) BV
British American Tobacco Italia SpA
British American Tobacco Kenya Plc

British American Tobacco Malaysia Bhd.
British American Tobacco Peru Holdings Ltd.
British American Tobacco plc
British American Tobacco Uganda Ltd.
British American Tobacco Yava Jsc
British American Tobacco Zambia PLC
British American Tobacco Zimbabwe Ltd.
Bulgartabac Holding AD
Carreras Ltd.
Cat Loi JSC
Ceylon Tobacco Company Plc
Charlie's Holdings, Inc.
China Boton Group Company Limited
China Tobacco International (HK) Company
Limited
Coka Duvanska Industrija AD
Consolidated Cigar Holdings, Inc.
CTO Co. Ltd.
Dupnitsa-Tabak AD
Duvanska Industrija AD Bujanovac
Duvanski Kombinat ad Podgorica
Eastern Co. (Egypt)
Elentec Co., Ltd.
Gemini Group Global Corp.
Gilla, Inc.
Godfrey Phillips India Ltd.
Golden Tobacco Ltd.
Greenlane Holdings, Inc.

Guangdong DFP New Material Group Co., Ltd.
Guangdong New Grand Long Packing Co., Ltd.
Harrys Manufacturing Inc.
Hrvatski Duhani dd
Huabao International Holdings Limited
Icon Vapor, Inc.
IMA T&T SpA
Imperial Brands Finance Netherlands BV
Imperial Brands Finance Plc
Imperial Brands PLC
Inspire Technology, Inc.
ITC Limited
Japan Tobacco, Inc.
Jerusalem Cigarette Co. Ltd.
JT International Financial Services BV
Karelia Tobacco Co., Inc.
Khyber Tobacco Co. Ltd.
Kimree, Inc.
KT&G Corp.
Litu Holdings Limited
Lorillard LLC
LT Group, Inc.
Ngan Son JSC
Nikotiana BT Holding AD
North Atlantic Trading Co., Inc.
NTC Industries Ltd.
Pakistan Tobacco Co. Ltd.
Pazardzhik BTM AD



Philip Morris (Pakistan) Ltd.
Philip Morris CR as
Philip Morris International Inc.
Philip Morris Operations AD
Press Corporation Plc
PT Bentoel International Investama Tbk
PT Gudang Garam Tbk
PT Hanjaya Mandala Sampoerna Tbk
PT Indonesian Tobacco Tbk
PT Wismilak Inti Makmur Tbk
Pyxus International, Inc.
R.J. Reynolds Tobacco Holdings, Inc.
Reynolds American, Inc.
RLX Technology, Inc.
Scandinavian Tobacco Group A/S

Shaanxi Jinye Science Technology & Education Group Co., Ltd.
Shanghai Industrial Holdings Limited
Shanghai Shunho New Materials Technology Co., Ltd.
Shenzhen Jinjia Group Co., Ltd.
Shenzhen Yinghe Technology Co., Ltd.
Shumen Tabac AD
Sila Holding AD
Sinnar Bidi Udyog Ltd.
SITAB
Slantse Stara Zagora Tabac AD
Smoores International Holdings Limited
Societe Nationale d'exploitation Industrielle des Tabacs

Strumica Tabak AD
Swedish Match Ab
Tanzania Cigarette Co. Ltd.
TSL Ltd.
Turning Point Brands, Inc.
Tutunski Kombinat AD Prilep
Union Investment Corp.
Union Tobacco & Cigarette Industries Co.
Universal Corporation
Vector Group Ltd.
VPR Brands LP
VST Industries Limited
Wee-Cig International Corp.
West Indian Tobacco Co. Ltd.

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'. Criteria for the exclusion are defined in the [Exclusion Instruction](#).

Excluded Investments

Attica Publications SA
DNXcorp SE
Erotik-Abwicklungsgesellschaft AG
FriendFinder Networks, Inc.

Metro Global Media, Inc.
New Frontier Media, Inc.
PLBY Group, Inc.
Private Media Group, Inc.

RCI Hospitality Holdings, Inc.
Scores Holding Co., Inc.
tmc Content Group AG

SPU

SPU refers to the exclusion list maintained by Norges Bank Investment Management/Statens Pensjon Utland which are replicated for the Danske Bank exclusions.

Excluded Investments

Aboitiz Power Corp
Adani Ports and Special Economic Zone Ltd
AES Andes SA
AES Corp/The
AGL Energy Ltd
Airbus SE
ALLETE Inc
Alliant Energy Corp
Altria Group Inc
Ameren Corp
American Electric Power Co Inc
Ashtrom Group Ltd
Astra International Tbk PT
Aurora Cannabis Inc
AviChina Industry & Technology Co Ltd
BAE Systems Plc
Barrick Gold Corp
Beijing Tong Ren Tang Chinese Medicine Co Ltd
Bezeq The Israeli Telecommunication Corp. Ltd.
Bharat Electronics Ltd
Bharat Heavy Electricals Ltd
Boeing Co/The
British American Tobacco Malaysia Bhd
British American Tobacco Plc
BWX Technologies Inc
Canadian Natural Resources Ltd
Canopy Growth Corp
Cenovus Energy Inc
Centrais Eletricas Brasileiras SA
CESC Ltd
CEZ AS
China Coal Energy Co Ltd
China Power International Development Ltd
China Resources Power Holdings Co Ltd
China Shenhua Energy Co Ltd
China State Construction Engineering Corp Ltd
China Traditional Chinese Medicine Holdings Co Ltd
Chugoku Electric Power Co Inc/The
CLP Holdings Ltd
Coal India Ltd
Cognite Software Ltd

CONSOL Energy Inc
Cronos Group Inc
Danya Cebus Ltd
Datang International Power Generation Co Ltd
Delek Group Ltd
DMCI Holdings Inc
DTE Energy Co
Duke Energy Corp
Eastern Co SAE
Elbit Systems Ltd
Elco Ltd
Electra Ltd/Israel
Electric Power Development Co Ltd
Electricity Generating PCL
ElSewedy Electric Co
Emera Inc
Engie Energia Chile SA
Evergreen Marine Corp Taiwan Ltd
Everbay Inc
Evraz PLC
Exxaro Resources Ltd
FirstEnergy Corp
Fluor Corp
Formosa Chemicals & Fibre Corp
Formosa Taffeta Co Ltd
Freeport-McMoRan Inc
GAIL India Ltd
General Dynamics Corp
Genting Bhd
Glencore PLC
GMK Norilskiy Nickel PAO
Grand Pharmaceutical Group Ltd
Great River Energy
Guangdong Electric Power Development Co Ltd
Gudang Garam Tbk pt
Gujarat Mineral Development Corp Ltd
Halcyon Agri Corp Ltd
Hanjaya Mandala Sampoerna Tbk PT
HK Electric Investments & HK Electric Investments Ltd
Hokkaido Electric Power Co Inc
Hokuriku Electric Power Co
Honeys Holdings Co Ltd

Honeywell International Inc
Huabao International Holdings Ltd
Huadian Energy Co Ltd
Huadian Power International Corp Ltd
Huaneng Power International Inc
Huntington Ingalls Industries Inc
IDACORP Inc
Imperial Brands Plc
Imperial Oil Ltd
Inner Mongolia Yitai Coal Co Ltd
ITC Ltd
Jacobs Solutions Inc
Japan Tobacco Inc
Jardine Cycle & Carriage Ltd
Jardine Matheson Holdings Ltd
JBS S/A
Korea Electric Power Corp
Korea Gas Corp
Korea Line Corp
KT&G Corp
L3Harris Technologies Inc
Larsen & Toubro Ltd
Li Ning Co Ltd
Lockheed Martin Corp
Lu Thai Textile Co Ltd
Lubelski Wegiel Bogdanka SA
Malakoff Corp Bhd
MGE Energy Inc
Mivne Real Estate KD Ltd
New Hope Corp Ltd
NHPC Ltd
Northrop Grumman Corp
NRG Energy Inc
NTPC Ltd
Oil & Natural Gas Corp Ltd
Okinawa Electric Power Co Inc/The
Otter Tail Corp
PacifiCorp
Page Industries Ltd
Peabody Energy Corp
PGE Polska Grupa Energetyczna SA
Philip Morris Cr AS
Philip Morris International Inc
Poongsan Corp



POSCO Holdings Inc
Posco International Corp
Power Construction Corp of China Ltd
Prosegur Cia de Seguridad SA
PTT Oil & Retail Business PCL
PTT PCL
Reliance Infrastructure Ltd
Reliance Power Ltd
RLX Technology Inc
RWE AG
Safran SA
Sasol Ltd
Scandinavian Tobacco Group A/S
SDIC Power Holdings Co Ltd
Shanghai Industrial Holdings Ltd
Shapir Engineering and Industry Ltd

Shikoku Electric Power Co Inc
Shikun & Binui Ltd
Suncor Energy Inc
Ta Ann Holdings Bhd
Tata Power Co Ltd/The
Tenaga Nasional Bhd
Textron Inc
Tianjin Pharmaceutical Da Re Tang Group Corp Ltd
Tilray Brands Inc
Tong Ren Tang Technologies Co Ltd
Tri-State Generation and Transmission Association Inc
Turning Point Brands Inc
Universal Corp/VA
Vale SA

Vector Group Ltd
Vedanta Ltd
Volcan Cia Minera SAA
Washington H Soul Pattinson & Co Ltd
WEC Energy Group Inc
Weichai Power Co Ltd
Whitehaven Coal Ltd
WTK Holdings Bhd
Xcel Energy Inc
Yankuang Energy Group Co Ltd
Young Poong Corp
Yunnan Baiyao Group Co Ltd
Zijin Mining Group Co Ltd
ZTE Corp
Zuari Agro Chemicals Ltd

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. Criteria for the exclusion are further defined in the [Exclusion Instruction](#).

Excluded Investments

"Bihacka pivovara" d.d. Bihac
Abrau-Durso PJSC
Adnams Plc
AdVini SA
African Distillers Ltd.
Aktienbrauerei Kaufbeuren AG
Allgaeuer Brauhaus AG
Allied Domecq Ltd.
Amber Latvijas Balzams JSC
Ambev SA
Ambra SA
Anadolu Efes Biracilik ve Malt Sanayii A.S.
Andrew Peller Limited
Angostura Holdings Ltd.
Anheuser-Busch Cos. LLC
Anheuser-Busch Inbev Finance, Inc.
Anheuser-Busch InBev SA/NV
Anheuser-Busch InBev Worldwide, Inc.
Anheuser-Busch North American Holding Corp.
Anhui Golden Seed Winery Co., Ltd.
Anhui Gujing Distillery Co., Ltd.
Anhui Kouzi Distillery Co., Ltd.
Anhui Yingjia Distillery Co., Ltd.
Anora Group Oyj
Aristocrat Group Corp.
Asahi Group Holdings Ltd.
Associated Alcohols & Breweries Ltd.
Australian Vintage Ltd.
Bacardi & Co. Ltd.
Bacardi Ltd.
Badel 1862 dd
Banjalucka Pivara AD
Barkan Vineyards Ltd.
Baron de Ley SA
Beam Suntory, Inc.
Beckle, S.A.B. de C.V.
Beeline Holdings, Inc.
Beijing Shunxin Agriculture Co., Ltd.
Beijing Yanjing Brewery Co., Ltd.
Berentzen-Gruppe AG
Bermas SA
BHB Brauholding Bayern-Mitte AG
Big Rock Brewery Inc.
Bodegas Bilbainas SA
Bodegas Esmeralda SA
Bodegas Riojanas SA
BOHAE BREWERY Co., Ltd.
Boissons du Cameroun SA
Brasseries et Limonaderies du Rwanda SA
Browar Czarnkow SA
Brown-Forman Corporation
Budweiser Brewing Company APAC Limited
C&C Group Plc
C.A. Ron Santa Teresa
Capevin Holdings Ltd.
Carlsberg A/S

Carlsberg Breweries A/S
Carlsberg Brewery Malaysia Berhad
Carlsberg Ukraine PJSC
Castle Brands, Inc.
CEDC Finance Corp. International, Inc.
Cerveceria Nacional
Cerveceria Nacional Dominicana SA
Cerveceria San Juan SA
Ceylon Beverage Holdings PLC
Champion Breweries Plc
Chapel Down Group Plc
China New Borun Corp.
China Ouhua Winery Holdings Limited
China Resources Beer (Holdings) Co. Ltd.
China Tontine Wines Group Limited
Chongqing Brewery Co., Ltd.
Cia Vinicola del Norte de Espana SA
CITIC Niya Wine Co., Ltd.
Compania Cervecerias Unidas SA
Company Group ALITA AB
CONSTELLATION BRANDS, INC.
Corby Spirit and Wine Limited
Corporacion Economica Delta SA
Craft Brew Alliance, Inc.
Crimson Wine Group, Ltd.
Cruzan International, Inc.
Davide Campari-Milano NV
Delegat Group Limited
Delta Corporation Limited
Diageo Capital BV
Diageo Capital Plc
Diageo Finance Plc
Diageo Investment Corp.
Diageo plc
Diamond Estates Wines & Spirits Inc.
Distell Group Holdings Ltd.
Distell Group Ltd.
Distil PLC
Distilleries Company of Sri Lanka Plc
Domaine Costa Lazaridi SA
Drinks Americas Holdings Ltd.
Dynasty Fine Wines Group Limited
East African Breweries Ltd.
Einbecker Brauhaus AG
Empee Distilleries Ltd.
Emperador Inc.
Endeavour Group Ltd. (Australia)
FBG Finance Pty. Ltd.
Florida Ice & Farm Co. SA
Foley Wines Limited
Foster's Group Pty Ltd.
Fujian Yanjing Huiquan Brewery Co., Ltd.
G.M. Breweries Ltd.
Gansu Huangtai Wine-Marketing Industry Co., Ltd.
Gansu Mogao Industrial Development Co., Ltd.
General Investment

Ginebra San Miguel, Inc.
Globus Spirits Limited
Golden Guinea Breweries Plc
Goldin Financial Holdings Limited
Good Drinks Australia Limited
Grupa Zywiec Sp zoo
Grupo Modelo SAB de CV
Guangzhou Zhujiang Brewery Co., Ltd.
Guinness Ghana Breweries Plc
Guinness Nigeria Plc
Gurktaler AG
Gusbourne Plc
Ha Noi - Thanh Hoa Beer JSC
Hainan Yedao (Group) Co., Ltd.
Hanoi Hai Duong Beer JSC
Harboes Bryggeri A/S
Hartwall Oy Ab
Hawesko Holding SE
Hebei Hengshui Laobaigan Liquor Co., Ltd.
Heineken Holding NV
Heineken Malaysia Berhad
Heineken NV
HITEJINRO Co., Ltd.
HiteJinro Holdings Co., Ltd.
IFB Agro Industries Limited
Indage Vintners Ltd.
India Glycols Limited
International Breweries PLC
Italian Wine Brands SpA
Jagatjit Industries Limited
Jiangsu King's Luck Brewery Joint -stock Co., Ltd.
Jiangsu Yanghe Distillery Co., Ltd.
Jinhui Liquor Co., Ltd.
JINRO DISTILLERS Co., Ltd.
Jiugui Liquor Co., Ltd.
Jos International Breweries Plc
Kaddy Ltd.
KEO Plc
Khoday India Ltd.
Kirin Holdings Co., Ltd.
Kook Soon Dang Co., Ltd.
Kopparbergs Bryggeri AB
KOREA ALCOHOL INDUSTRIAL Co., Ltd.
Kuaijishan Shaoxing Rice Wine Co., Ltd.
Kulmbacher Brauerei AG
Kutjevo dd
Kweichow Moutai Co., Ltd.
Lamdong Foodstuffs JSC
Landshuter Brauhaus AG
Lanson-BCC
Lanzhou Huanghe Enterprise Co., Ltd.
Lark Distilling Co. Ltd.
Laurent-Perrier SA
Lion Brewery (Ceylon) PLC
Lombard & Medot
Lomsko Pivo AD



Lucas Bols BV
Luzhou Laojiao Co., Ltd.
Mackmyra Svensk Whisky AB
MAJOR HOLDINGS LIMITED
Malteries Franco-Belges
Maraska dd
Marie Brizard Wine & Spirits SA
Marlborough Wine Estates Group Ltd.
Masi Agricola SpA
Melstacorp PLC
Mendocino Brewing Co., Inc.
MGP Ingredients, Inc.
MH ETHANOL Co., Ltd.
Molson Coors Beverage Company
Molson Coors Canada Inc.
Moninger Holding AG
Montalvo Spirits, Inc.
Muhak Co., Ltd.
Murree Brewery Co., Ltd.
Naked Wines Plc
Namibia Breweries Ltd.
National Breweries PLC
New Silkroad Culturaltainment Ltd.
Nigerian Breweries Plc
Novabev Group
Oenon Holdings, Inc.
Olvi Oyj
Orpar SA
Ottakringer Getraenke AG
Palaioi Oinoi Naousis Holdings & Investment SA
Park & Bellheimer AG
Pernod Ricard Finance SA
Pernod Ricard SA
Phoenix Beverages Limited
Piccadilly Sugar & Allied Industries Ltd.
Pincon Spirit Ltd.
Pioneer Distilleries Ltd.
Pivara Tuzla dd
Pivovarna Lasko Union doo
Pivovary Lobkowicz Group as
Pol Roger et Cie SA
Prilepska Pivarnica AD
Prodvinaco SA

PT Delta Djakarta Tbk
PT Multi Bintang Indonesia Tbk
Pungguk Ethanol Co., Ltd.
Purcari Wineries Public Co., Ltd.
Qinghai Huzhu TianYouDe Highland Barley Spirit Co., Ltd.
Radico Khaitan Limited
Rana Sugars Ltd.
Raphael Michel SA
Ravikumar Distilleries Ltd.
Remy Cointreau SA
RES Invest Holding AD
Rocky Mountain Liquor Inc.
ROK Stars Ltd.
Roust Corp.
Royal Unibrew A/S
Rubin AD
S.A. Damm
Saigon Beer Alcohol Beverage Corp.
San Miguel Brewery HK Ltd.
Sapporo Holdings Ltd.
Sarajevska Pivara dd
Scheid Vineyards, Inc.
Schloss Wachenheim AG
Schlumberger GmbH /Austria/
Sechaba Brewery Holdings Ltd.
Sektellerei J. Oppmann AG
Shanghai Bairun Investment Holding Group Co., Ltd.
ShangHai JinFeng Wine Co. Ltd.
Shanxi Xinghuacun Fen Wine Factory Co., Ltd.
Shede Spirits Co., Ltd.
Shepherd Neame Ltd.
Sichuan Swellfun Co. Ltd.
Silver Base Group Holdings Limited
Silver Oak (India) Ltd.
Simonds Farsons Cisk Plc
Societe Commerciale de Brasserie SA
Societe des Boissons du Maroc SA
SOLIBRA SA
SOM DISTILLERIES & BREWERIES LIMITED
Stock Spirits Group Ltd.
Sula Vineyards Ltd.
Suntory Holdings Ltd.

Takara Holdings, Inc.
Tanzania Breweries Ltd.
Thai Beverage Public Company Limited
Thang Long Wine JSC
The Boston Beer Company, Inc.
The Duckhorn Portfolio, Inc.
Tibet Development Co., Ltd.
Tibet Water Resources Ltd.
Tilaknagar Industries Ltd.
Todoroff AD
Tonghua Grape Wine Co., Ltd.
Treasury Wine Estates Limited
Truett-Hurst, Inc.
Tsingtao Brewery Company Limited
Turk Tuborg Bira ve Malt Sanayii AS
UAB Kalnapilio Tauro Grupe
Umida Group AB
Union de Cervcerias Peruanas Backus y Johnston SAA
United Breweries (Holdings) Ltd.
United Breweries Limited
United Malt Group Ltd.
United Spirits Limited
Vilniaus Degtine AB
Vina Concha y Toro SA
Vina San Pedro Tarapaca SA
Vina Santa Rita SA
Vinedos Emiliana SA
Vintage Wine Estates, Inc.
Vranken-Pommery Monopole SA
Waterloo Brewing Ltd.
Willamette Valley Vineyards, Inc.
Wuliangye Yibin Co., Ltd.
Xinjiang Yilite Industry Co., Ltd.
Yamaya Corp.
Yantai ChangYu Pioneer Wine Co., Ltd.
Yomeishu Seizo Co., Ltd.
Zambian Breweries PLC
Zavod Soloda i Piva OJSC
Zhejiang Guyuelongshan Shaoxing Wine Co., Ltd.
ZJLD Group, Inc.
Zwack Unicum Nyrt.
13. Jul-Plantaze AD

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. Criteria for the exclusion are defined in the [Exclusion Instruction](#).

Excluded Investments

(I.Z.) Queenco Ltd.
32Red Ltd.
365 Media Group Ltd.
Accel Entertainment, Inc.
Acroud AB
Affinity Gaming Finance Corp.
Affinity Gaming LLC
AG&E Holdings, Inc.
Agility Capital Holding Inc.
AGTech Holdings Limited
Ainsworth Game Technology Ltd.
Alliance Global Group Cayman Islands, Inc.
Alliance Global Group, Inc.
Allwyn International AG
American Casino & Entertainment Properties LLC
Angler Gaming plc
Aristocrat Leisure Limited
Aspire Global Ltd.
Automatic Systems Ltd.
B90 Holdings Plc
Bally's Corporation
Belle Corp.
Berjaya Assets Bhd.
Berjaya Corporation Berhad
Berjaya Land Berhad
Best of the Best Plc
BestGames Holdings Ltd.
Bet-At-Home.com AG

Betfair Group Ltd.
BetMakers Technology Group Ltd
Betsson AB
Better Collective A/S
Blick Global Group AB
Bloomberry Resorts Corporation
BNN Technology plc
Boldt SA
Boyd Gaming Corporation
Bragg Gaming Group Inc.
Buffalo Thunder Development Authority
Butler National Corporation
Bwin.party digital entertainment plc
Caesars Entertainment, Inc.
Caesars Growth Properties Holdings LLC
Caesars Holdings, Inc.
Caesars Operating Escrow LLC
Canterbury Park Holding Corporation
Catena Media plc
CCM Merger Inc.
Centric Holdings SA
Century Casinos, Inc.
Cherry AB
Chester Downs & Marina LLC
China Ecotourism Group Limited
China Sports Industry Group Co., Ltd.
Choctaw Resort Development Enterprise, Inc.
Chukchansi Economic Development Authority
Churchill Downs Incorporated

Cirsa Finance International SARL
Cirsa Funding Luxembourg SA
CIRSA Gaming Corp. SA
CityCenter Holdings LLC
Cleopatra Finance Ltd.
Club Hipico de Santiago SA
Contagious Gaming Inc.
Crazy Sports Group Limited
CRC Escrow Issuer LLC
Crown Resorts Limited
Daikoku Denki Co., Ltd.
Delta Corp. Ltd. (India)
Deq Systems Corp.
DigiPlus Interactive Corp.
Donaco International Limited
Downstream Development Authority (Oklahoma)
DraftKings Inc.
DYNAM Japan Holdings Co., Ltd.
EBET, Inc.
Elray Resources, Inc.
Elys BMG Group, Inc.
Emperor Entertainment Hotel Limited
Emperor International Holdings Limited
Empire Resorts, Inc.
Enjoy SA
Enlabs AB
Entain Plc
Estoril Sol SGPS SA



Eumundi Group Limited
Everi Games Holding, Inc.
Everi Holdings, Inc.
Everi Payments, Inc.
Evoke Plc
Evolution AB
Evolution Services Sweden AB
Fable Media Group AB
FDJ United
Firekeepers Development Authority
Flutter Entertainment Plc
Fortuna Entertainment Group NV
Four Corners, Inc.
Fujishoji Co., Ltd.
Full House Resorts, Inc.
Galaxy Entertainment Group Limited
Galaxy Gaming, Inc.
Gambling.com Group Limited
Gamecard-Joyco Holdings, Inc.
Gamehost Inc.
Gamenet SpA
Gamesys Group Ltd.
Gaming Corps AB
Gaming Partners International Corp.
Gaming Realms plc
Gamma Civic Ltd.
Gan (UK) Ltd.
GAN Ltd.
Gateway Casinos & Entertainment Ltd.
Genting Berhad
Genting Malaysia Berhad
Genting Singapore Limited
Gentoo Media, Inc.
Global Gaming 555 AB
GOHL Capital Ltd.
Golden Entertainment, Inc.
Golden Matrix Group, Inc.
Golden Nugget Escrow, Inc.
Golden Nugget Online Gaming, Inc.
Golden Nugget, Inc.
Grand Korea Leisure Co., Ltd.
Grand Parade Investments Ltd.
Graton Economic Development Authority (California)
Great Canadian Gaming Corporation
Greek Organisation of Football Prognostics SA
Greektown Holdings LLC
Groupe Partouche SA
Guoco Group Limited
Heiwa Corp.
Hongbo Co. Ltd.
Hosken Consolidated Investments Ltd.
HSP Gaming LP
Imperial Pacific International Holdings Limited
Inn of the Mountain Gods Resort Casino
Inspired Entertainment, Inc.
Inteq Ltd.
Integrity Gaming ULC
International Entertainment Corporation
International Game Technology Plc
Intralot Capital Luxembourg SA
Intralot Finance Luxembourg SA
INTRALOT SA
Isle of Capri Casinos LLC
JACK Entertainment LLC
Jack Ohio Finance LLC
Jackpot Digital Inc.
Jacobs Entertainment, Inc.
Jumbo Interactive Limited
Kai Chieh International Investment Ltd.
Kambi Group plc
Kangwon Land, Inc.
Keck Seng Investments (Hong Kong) Limited
Kinbasha Gaming International, Inc.
Kindred Group plc
KONAMI Group Corp.

Ladbrokes Group Finance Plc
Landry's Acquisition Co.
Landry's Holdings II, Inc.
Landry's LLC
Las Vegas Sands Corp.
LeoVegas AB
LHMC Finco 2 SARL
Light & Wonder International, Inc.
Light & Wonder, Inc.
LiNiu Technology Group
LLPL Capital Pte Ltd.
Lotarija na Makedonija AD Skopje
Lotte Tour Development Co., Ltd.
Lotto24 AG
Lottomatica Group SpA
Lottomatica SpA
Macau Legend Development Limited
Magnum Berhad
Mandalay Resort Group
Manila Jockey Club, Inc.
Marina District Development Co. LLC
Marina District Finance Co., Inc.
Mars Group Holdings Corp.
Maverick Acquisition Canada ULC Corp.
Melco International Development Limited
Melco Resorts & Entertainment (Philippines) Corp.
Melco Resorts & Entertainment Limited
Melco Resorts Finance Ltd.
MGM China Holdings Limited
MGM Resorts International
MGP Escrow Issuer LLC
Midwest Gaming Borrower LLC
mixi, Inc.
Mohegan Gaming & Entertainment
Monarch Casino & Resort, Inc.
Monte-Carlo Societe des Bains de Mer SA
Mr Green & Co. AB
mybet Holding SE
NagaCorp Ltd.
NeoGames SA
Net Holding AS
NetPlay TV Ltd.
Nevada Gold & Casinos, Inc.
Newbury Racecourse Plc
Nexteq Plc
Niraku GC Holdings, Inc.
Novomatic AG
Odyssey Europe Holdco SARL
OIZUMI CORP.
Ollamani SAB
Olympia Industries Berhad
Olympic Entertainment Group AS
Pacific Online Systems Corp.
Paradise Co., Ltd.
Paradise Entertainment Limited
Parpro Corp.
Peermont Global (Pty) Ltd.
Peninsula Gaming, LLC
PENN Entertainment, Inc.
pferdewetten.de AG
Philweb Corporation
Phumelela Gaming & Leisure Ltd.
Pinnacle Entertainment, Inc.
PlayAGS, Inc.
Playsafe Holding AS
Playtech plc
PNK Finance Corp.
PointsBet Holdings Limited
Pollard Banknote Limited
Premium Leisure Corp.
PT (Jersey) Ltd.
Raketeck Group Holding Plc
Rank Group Plc
Red Rock Resorts, Inc.
Redcape Hotel Group Management Ltd.

Reef Casino Trust
REXLot Holdings Ltd.
RGB International Bhd.
River Rock Entertainment Authority
Rivers Pittsburgh Borrower LP
Royal Highgate PCL
Royal International Corp.
Rush Street Interactive, Inc.
Sands China Ltd.
Sankyo Co., Ltd.
Score Media and Gaming Inc.
Scout Gaming Group AB
Secure Electronic Technology Plc
Sega Sammy Holdings, Inc.
Seminole Hard Rock Entertainment, Inc.
Seneca Gaming Corp.
Seven Aces Limited
Shingle Springs Tribal Gaming Authority
Silver Heritage Group Ltd.
SJM Holdings Limited
SkyCity Entertainment Group Limited
SNAITECH SpA
Snoqualmie Entertainment Authority
Sociedad Hipodromo Chile SA
Societe Fermiere du Casino Municipal de Cannes SA
Societe Francaise de Casinos SA
Southwest Casino Corp.
Sportech PLC
Sportingbet Ltd.
Sports Toto Bhd.
Station Casinos LLC
Stride Gaming Ltd.
STS Holding SA
Studio City Co. Ltd.
Studio City Finance Ltd.
Studio City International Holdings Limited
SugarHouse HSP Gaming LP
SugarHouse HSP Gaming Prop. Mezz LP
Summit Ascent Holdings Limited
Sun International Ltd.
Sunborn (Gibraltar) Ltd.
Super Group (SGHC) Ltd.
Supreme Ventures Ltd.
Syzygy Entertainment Ltd.
Tabcorp Holdings Limited
Tabcorp Maxgaming Holdings Ltd.
Table Trac, Inc.
Tangiamo Touch Technology AB
The Intertain Group Limited
The Lottery Corporation Limited
The Majestic Star Casino LLC
The Seminole Tribe of Florida, Inc.
The Star Entertainment Group Limited
The Stars Group Inc.
Tintra Ltd.
Tokyotokeiba Co., Ltd.
Travellers International Hotel Group, Inc.
Tropicana Entertainment, Inc.
Tsogo Sun Ltd.
Tsuburaya Fields Holdings, Inc.
Tunica Biloxi Gaming Authority
Tunica-Biloxi Tribe of Louisiana
Universal Entertainment Corp.
Valparaiso Sporting Club SA
VICI Properties
Waterfront Philippines, Inc.
Webis Holdings Plc
William Hill Ltd.
WMS Industries, Inc.
Wynn Las Vegas LLC
Wynn Macau Limited
Wynn Resorts, Limited
XLMedia Plc
ZEAL Network SE



Military Equipment

Military equipment refers to equipment that has been developed, designed, or modified for military use based on military specifications. Criteria for the exclusion are defined in the [Exclusion Instruction](#).

Excluded Investments

Abu Dhabi Ship Building Co. ADS Tactical, Inc. Aerojet Rocketdyne Holdings, Inc. Aerospace Industrial Development Corp. Aerostar SA AeroVironment, Inc. AirBoss of America Corp. Airbus Finance BV Airbus SE AMMO, Inc. Amentum Holdings, Inc. Apollo Micro Systems Limited Aryt Industries Ltd. Asahi-Seiki Manufacturing Co., Ltd. Aselsan Elektronik Sanayi ve Ticaret AS Astra Microwave Products Limited Austal Limited Avic (Chengdu) UAS Co., Ltd. AVIC Airborne Systems Co., Ltd. AVIC Shenyang Aircraft Co., Ltd. AVIC Xi'an Aircraft Industry Group Co., Ltd. AviChina Industry & Technology Company Limited Avicopter Plc Avio S.p.A. Babcock International Group Plc BAE Systems (Finance) Ltd. BAE Systems Plc BEML Limited Bharat Dynamics Limited Bharat Electronics Limited Bharat Forge Limited Booz Allen Hamilton Holding Corporation Booz Allen Hamilton, Inc. Boustead Heavy Industries Corporation Berhad Butler National Corporation BWX Technologies, Inc. CACI International Inc Chemring Group Plc China Aerospace Science & Technology Corp. China Aerospace Times Electronics Co., Ltd. China North Industries Group Corp. Ltd. China Poly Group Corp. Ltd. China Shipbuilding Industry Co., Ltd. China South Industries Group Co., Ltd. China State Shipbuilding Corp. Ltd. CIRCOR International, Inc. Cochin Shipyard Limited Cohort Plc Colt CZ Group SE CPI Aerostructures, Inc. CSBC Corp. Taiwan CSSC Capital 2015 Ltd. CSSC Capital Two Ltd. Curtiss-Wright Corporation Dassault Aviation SA Data Patterns (India) Ltd. Destini Berhad Ducommun Incorporated DynCorp (Parent) International Inc. Dynamatic Technologies Limited Eaton Capital ULC Eaton Corporation plc Elbit Systems Ltd. Electro Optic Systems Holdings Limited Embraer Netherlands Finance BV Embraer Overseas Ltd. Embraer SA	EMCORE Corporation Esterline Technologies Corp. Exail Technologies SA Fincantieri SpA FIRSTEC Co., Ltd. Fluor Corporation Garden Reach Shipbuilders & Engineers Limited GE Aerospace GE Capital Canada Funding Co. GE Capital European Funding Unlimited Co. GE Capital International Funding Company Unlimited Co. GE Capital UK Funding Unlimited Co. General Dynamics Corporation General Electric Capital Corp. Graham Corporation H&K AG Hanwha Aerospace Co., Ltd. Hanwha Corp. Hanwha Systems Co., Ltd. HBL Engineering Limited Heckler & Koch GmbH HEICO Corporation HENSOLDT AG HII Mission Technologies Corp. Hindustan Aeronautics Ltd. HJ SHIPBUILDING & CONSTRUCTION Co., Ltd. Honeywell International Inc. Howa Machinery, Ltd. Huntington Ingalls Industries, Inc. HYUNDAI ROTEM Co. Iar SA IHI Corp. Imco Industries Ltd. Indra Sistemas SA Inner Mongolia First Machinery Group Co., Ltd. James Fisher & Sons plc Jiangxi Hongdu Aviation Industry Co., Ltd. Jihua Group Corp. Ltd. Kaman Corporation Kawasaki Heavy Industries Ltd. KBR, Inc. Kirov Mayak Plant OAO Kongsberg Gruppen ASA Korea Aerospace Industries Ltd. Kratos Defense & Security Solutions, Inc. L3 Technologies, Inc. L3Harris Technologies, Inc. Leidos, Inc. Leonardo DRS, Inc. Leonardo SpA Leonardo US Holding, Inc. LIG Nex1 Co., Ltd. LMI Aerospace, Inc. Lockheed Martin Corporation Lumibird SA Machine Building Plant Arsenal OJSC Magellan Aerospace Corporation ManTech International Corporation Mazagon Dock Shipbuilders Ltd. Meggitt Ltd. Mishra Dhatu Nigam Limited Mitsubishi Heavy Industries, Ltd. Moog Inc. Moscow Machine Building Plant Vpered JSC Motor Sich JSC MS International plc	National Presto Industries, Inc. NC Kazakhstan Engineering JSC NOF Corp. North Industries Group Red Arrow Co., Ltd. North Navigation Control Technology Co., Ltd. Northrop Grumman Corporation Northrop Grumman Systems Corp. Oceaneering International, Inc. Olin Corporation Optex Systems Holdings, Inc. Oshkosh Corporation Otokar Otomotiv ve Savunma Sanayi AS PAE Incorporated Parker-Hannifin Corporation Parsons Corporation Paras Defence & Space Technologies Ltd. Poongsan Corp. POONGSAN HOLDINGS Corp. Premier Explosives Ltd. QinetiQ Group plc Raytheon Co. Reunert Ltd. Rheinmetall AG Ricardo plc Rolta Americas LLC Rolta India Limited Rolta LLC Romaero SA RSL Electronics Ltd. RTX Corporation SA Belge De Constructions Aeronautiques Safran SA Science Applications International Corporation SDT Uzay ve Savunma Teknolojileri AS Serco Group Plc Singapore Technologies Engineering Ltd. SK Oceanplant Co., Ltd. Smith & Wesson Brands, Inc. SNT DYNAMICS Co., Ltd. Special Machine Building & Metallurgy PJSC Spirit AeroSystems Holdings, Inc. Spirit AeroSystems, Inc. ST Engineering Financial I Ltd. Saab Ab Swan Defence & Heavy Industries Limited TA Mfg Ltd. Taurus Armas SA Taylor Devices, Inc. Techpibor PJSC Teledyne FLIR LLC Teledyne Technologies Incorporated Textron Financial Corp. Textron Inc. Thales Belgium SA Thales SA The Boeing Company TransDigm Group Incorporated TransDigm, Inc. Tula Gun Factory JSC V. A. Degtyarev Plant OJSC V2X, Inc. Verney-Carron SA Vista Outdoor Inc. Walchandnagar Industries Ltd. Woodward, Inc. Wuhan Guide Infrared Co., Ltd. AAR Corp.
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Fossil Fuel Transition Laggards

Fossil Fuel Transition Laggards exclusions are exclusions that apply to fossil fuel companies that fail to meet the net zero transition criteria defined under the Net Zero Pathway framework for Danske Bank set out in this document: [Net-Zero Pathway Framework for investee companies](#). The scope of the exclusions is defined in [Danske Bank's Fossil Fuel Position Statement](#). The exclusion criteria are further defined in the [Exclusion instruction](#).

Excluded Investments

2i Rete Gas SpA	Anhui Hengyuan Coal Industry & Electricity Power Co., Ltd.	Bharat Petroleum Corporation Limited
3i Infrastructure PLC	AntarChile SA	BHP Billiton Finance (USA) Ltd.
88 Energy Limited	Antero Midstream Corporation	BHP Billiton Finance BV
A2A SpA	Antero Midstream Partners LP	BHP Billiton Finance Ltd.
AB Ignitis Gamyba	Antero Resources Corporation	BHP Group Limited
AB Igrene	Antero Resources Finance Corp.	Bighorn Permian Resources LLC
Aban Offshore Limited	Anton Oilfield Services Group	Binh Son Refining & Petrochemical Co. Ltd.
ABL Group ASA	APA CORPORATION	Binhai Investment Company Limited
Aboitiz Equity Ventures, Inc.	APA Infrastructure Ltd.	Birchcliff Energy Ltd.
Aboitiz Power Corp.	Apache Corp.	Bisichi Plc
Abraxas Petroleum Corporation	Apache Finance Canada LLC	Bison Merger Sub I LLC
Abterra Ltd.	Apetra SA	Black Hills Corporation
Abu Dhabi Crude Oil Pipeline LLC	Appalachian Power Co.	Black Stone Minerals, L.P.
Abu Dhabi National Energy Co. PJSC	Approach Resources Inc.	BlackPearl Resources, Inc.
Abu Dhabi National Oil Co. for Distribution	Aquila Holdings ASA	Blue Racer Finance Corp.
PJSC	ARC Resources Ltd.	Blue Racer Midstream LLC
ACWA Power Co.	Arch Resources, Inc.	Blue Star Helium Limited
Adams Resources & Energy, Inc.	Archrock Partners LP	BlueNord ASA
Adani Electricity Mumbai Ltd.	Ardmore Shipping Corporation	Bluewater Energy Services BV
Adani Enterprises Limited	Arizona Public Service Co.	BOA SBL AS
Adani Power Limited	ARKO Corp.	Boardwalk Pipeline Partners LP
Adani Total Gas Limited	Armour Energy Limited	Boardwalk Pipelines LP
Ades Holding Co.	Arrow Exploration Corp.	Bonavista Energy Corporation
ADNOC Drilling Co. PJSC	Ascent Resources Utica Holdings LLC	Bonterra Energy Corp.
ADNOC Gas Plc	Ashdod Refinery Ltd.	Borets Finance DAC
ADNOC Logistics & Services Plc	Aspire Mining Limited	Borr Drilling Ltd.
Advantage Energy Ltd.	Athabasca Oil Corporation	Boston Gas Co.
Aegis Logistics Ltd.	Atlantic Petroleum P/F	BOURBON Maritime SASU
Aenza SAA	Atlantic Power Corporation	Boustead Holdings Berhad
AES Andes SA	Atlas Energy Group LLC	Bowen Coking Coal Limited
AES Argentina Generacion SA	Atlas Energy Solutions, Inc.	BPRL International Singapore Pte Ltd.
AES El Salvador Trust II	Attock Petroleum Ltd.	Braskem America Finance Co.
AES Espana BV	Aurizon Network Pty Ltd.	Braskem Netherlands Finance BV
Africa Oil Corp.	Aurora LPG Holding AS	Brava Energia
African Rainbow Minerals Ltd.	Ausnet Pty Ltd. (Victoria)	Brickworks Limited
AgriTrade Resources Limited	Autobahn Tank & Rast Gruppe GmbH & Co. KG	Brightoil Petroleum (Holdings) Ltd.
Ahlatci Dogal Gaz Dagitim Enerji ve Yatirim AS	Avance Gas Holding Ltd.	BRISTOW GROUP INC.
Air Water, Inc.	AWE Pty Ltd.	Brooge Energy Limited
AI Candelaria (Spain) SLU	AXP Energy Limited	Brooge Petroleum & Gas Investment Co. FZE
Akastor ASA	B.Grimm Power Public Co. Ltd.	Brookfield Business Partners LP
Akenerji Elektrik Uretim AS	Baker Hughes Company	Brookside Energy Limited
Aker BP ASA	Baker Hughes Holdings LLC	Bruin E&P Partners LLC
Aksa Enerji Uretim AS	Baltimore Gas & Electric Co.	Buckeye Partners, L.P.
Alabama Power Company	Bangchak Corporation Public Company Limited	Bulgarian Energy Holding EAD
Alarko Holding AS	Bangchak Sriracha Public Company Limited	Bumi Armada Berhad
Albanesi SA	Bangkok Aviation Fuel Services Public Co., Ltd.	Bumi Investment Pte Ltd.
Aldees Petroleum & Transport Services Co.	Banpu Power Public Co. Ltd.	BW Energy Ltd.
Alexandria Mineral Oils Co.	Banpu Public Company Limited	BW Group Ltd.
ALLETE, Inc.	Barnwell Industries, Inc.	BW LPG Ltd.
Alliance Holdings GP LP	Bashneft PJSOC	Cadent Finance Plc
Alliance Oil Co., Ltd.	Basic Energy Services, Inc.	Cadogan Energy Solutions Plc
Alliance Resource Operating Partners LP	Baskent Dogalgaz Dagitim Gayrimenkul Yatirim Ortakligi AS	CalEnergy Generation LLC
Alliance Resource Partners LP	Bathurst Resources Limited	Calfrac Holdings LP
Alliant Energy Corporation	Battalion Oil Corporation	Calfrac Well Services Ltd.
Alon USA Energy, Inc.	Baytex Energy (LP) Ltd.	California Resources Corporation
Alpha Metallurgical Resources, Inc.	Baytex Energy Corp.	Callon Petroleum Company
Alta Mesa Holdings, LP	Beach Energy Limited	Calpine Corp.
Alta Mesa Resources, Inc.	Beijing Energy Investment Holdings Ltd.	Calumet, Incorporated
AltaGas Ltd.	Beijing Enterprises Holdings Limited	Camber Energy, Inc.
Altera Infrastructure LP	Beijing Gas Blue Sky Holdings Limited	Cameron LNG LLC
Altera Shuttle Tankers LLC	Beijing Haohua Energy Resource Co., Ltd.	Can2 Termik AS
Altius Minerals Corporation	Beijing Jingneng Power Co., Ltd.	Canacol Energy Ltd.
Amazing Energy Oil & Gas Co.	Belgelec Finance SA	Canadian Natural Resources Limited
Amec Foster Wheeler Ltd.	Bellis Acquisition Co. Plc	CanAsia Energy Corp.
American Biofuels, Inc.	Berkshire Hathaway Energy Co.	Canvas Energy, Inc.
American Electric Power Company, Inc.	Berry Corporation	Capex SA
American Tanker, Inc.	Berry Petroleum Co. LLC	Capitan Investment Ltd.
AmeriGas Finance LLC	Bestsun Energy Co., Ltd.	Capricorn Energy Plc
AmeriGas Partners, L.P.	Bestway Marine & Energy Technology Co., Ltd.	CARBO Ceramics Inc.
Amerisur Resources Ltd.		Cardinal Energy Ltd.
Amplify Energy Corp.		Carnarvon Energy Limited
Ampol Limited		Cenovus Energy Inc.
An Hui Wenergy Co., Ltd.		CenterPoint Energy Resources Corp.
Anadarko Petroleum Corporation		Central Puerto SA
Andeavor LLC		Centrica Plc



CEPSA Finance SAU	Coal India Ltd.	Delek US Energy, Inc.
Cequence Energy Ltd.	Cobalt International Energy, Inc.	Delek US Holdings, Inc.
CES Energy Solutions Corp.	Colonial Pipeline Co.	Deleum Bhd.
CESC Ltd.	Colorado Interstate Gas Co. LLC	Delmarva Power & Light Co.
CEZ as	Comet Ridge Ltd.	Delta Natural Gas Co., Inc.
CH Energy Group, Inc.	Cometa Energia SA de CV	Delta Oil & Gas, Inc.
ChampionX Corporation	Comision Federal de Electricidad SA de CV	Denbury, Inc.
Chandra Prabhu International Ltd.	Compagnie de l'Odet SE	Devon Energy Corporation.
Channel Infrastructure NZ Limited	Companhia de Gas de Sao Paulo-Comgas	Devon Financing Corp. ULC
Chariot Ltd.	Compania Espanola de Petroleos SA	Dexon Technology Public Co., Ltd.
Cheniere Corpus Christi Holdings LLC	Compania General de Combustibles SA	DHT Holdings, Inc.
Cheniere Energy Partners LP	Comstock Resources, Inc.	DIALOG Group Berhad
Cheniere Energy, Inc.	Concho Resources Inc.	Diamond Offshore Drilling, Inc.
Chennai Petroleum Corporation Limited	Concordia Maritime AB	Diamond S Shipping, Inc.
Chesapeake Energy Corporation	Condor Energies Inc.	Diamondback Energy, Inc.
Chesapeake Utilities Corporation	Conoco Funding Co.	Direct Energie SA
Cheung Kong Infrastructure Finance (BVI) Ltd.	ConocoPhillips	Diversified Energy Co. Plc
Chevron Corporation	ConocoPhillips Australia Funding Co.	DMCI Holdings, Inc.
Chevron U.S.A., Inc.	ConocoPhillips Canada Funding Co. I	DNO ASA
China Aviation Oil (Singapore) Corp. Ltd.	ConocoPhillips Canada Funding Co. II	DNO North Sea Plc
China Coal Energy Company Limited	ConocoPhillips Co.	DOF ASA
China Coal Xinji Energy Co., Ltd.	Conoil Plc	DOF Group ASA
China Gas Holdings Limited	CONSOL Energy Inc.	DOF Subsea AS
China High Speed Transmission Equipment Group Co., Ltd.	Consolidated Edison Company of New York, Inc.	Dogan Sirketler Grubu Holding AS
China HK Power Smart Energy Group Limited	Constellation Energy Generation LLC	Dolphin Group ASA
China Huadian Corp., Ltd.	Constellation Oil Services Holding SA	Dommo Austria GmbH
China Huadian Overseas Development 2018 Ltd.	Consumers Energy Company	Dommo Energia SA
China Huadian Overseas Development Management Co., Ltd.	Continental Resources, Inc.	Dorchester Minerals, L.P.
China Huaneng Group Co., Ltd.	ContourGlobal Ltd.	Dorian LPG Ltd.
China Huarong Energy Company Limited	ContourGlobal Power Holdings SA	DT Midstream, Inc.
China Merchants Energy Shipping Co., Ltd.	Conuma Resources Ltd.	DTE Electric Co.
China National Chemical Corp., Ltd.	Cool Co. Ltd.	Dubai Electricity & Water Authority
China National Petroleum Corp.	Cooper Energy Limited	Duke Energy Carolinas LLC
China Oil and Gas Group Limited	Core Laboratories Inc.	Duke Energy Corporation
China Oilfield Services Limited	Coronado Global Resources Inc.	Duke Energy Florida LLC
China Petrochemical Corp.	Corporacion de Reservas Estrategicas	Duke Energy Florida Project Finance LLC
China Petroleum & Chemical Corporation	Productos Petroliferos	Duke Energy Ohio, Inc.
China Petroleum Engineering Corp.	Corral Petroleum Holdings AB	Dwellop AS
China Power International Development Limited	Corsa Coal Corp.	Dynegy Finance I, Inc.
China Qinfu Group Limited	Cosan Finance Ltd.	E.A. Technique (M) Berhad
China Resources Gas Group Limited	Cosan Luxembourg SA	E1 Corp.
China Resources Power Holdings Co., Ltd.	Cosan Overseas Ltd.	Eagle Energy Inc.
China Risun Group Ltd.	Cosan SA	EARTH INFINITY CO. LTD.
China Shenhua Energy Company Limited	COSL Finance (BVI) Ltd.	Earthstone Energy, Inc.
China Shenhua Overseas Capital Co., Ltd.	COSL Singapore Capital Ltd.	Eastcomtrans LLP
China Suntien Green Energy Corporation Limited	Cosmo Energy Holdings Co., Ltd.	Eastern Energy Gas Holdings LLC
Chord Energy Corporation	Cosmo Oil KK	Eastern Gas Transmission & Storage, Inc.
Chubu Electric Power Co., Inc.	Coterra Energy Inc.	E-Commodities Holdings Limited
Churchill Mining plc	Covey Park Energy LLC	Ecopetrol SA
Cimarex Energy Co.	Covia Holdings LLC	Ecora Resources Plc
Cimarex Resolute LLC	CQP Holdco LP	EDC Finance DAC
CITGO Holding, Inc.	Crescent Energy Company	Edison Spa
CITGO Petroleum Corp.	Crestwood Equity Partners LP	EER Finance, Inc.
CITIC Limited	Crew Energy Inc.	Eesti Energia AS
CITIC Resources Finance (2007) Ltd.	CrownRock LP	EG Global Finance Plc
CITIC Resources Holdings Limited	CSI Compressco LP	EG Group Ltd.
Civitas Resources, Inc.	CU, Inc.	Egypt Kuwait Holding Co. SAE
CK Infrastructure Holdings Limited	Cubility AS	Eidesvik Offshore ASA
Clean Energy Fuels Corp.	Cumberland Farms, Inc.	El Paso Electric Company
Cleco Corporate Holdings LLC	CVR Energy, Inc.	El Paso Energy Capital Trust I
Cloud Peak Energy Inc.	CVR Refining LLC	EL5-Energro PJSC
Cloud Peak Energy Resources LLC	CVR Refining LP	Electric Power Development Co., Ltd.
CNAC (HK) Finbridge Co. Ltd.	Cydsa SAB de CV	Electricity Generating Public Company Limited
CNAC (HK) Synbridge Co., Ltd.	Czech Gas Networks Investments SARL	Electricity Supply Board Ltd.
CNOOC Curtis Funding No. 1 Pty Ltd.	Daimaru Enawin Co., Ltd.	ElectroMagnetic GeoServices ASA
CNOOC Energy Technology & Services Ltd.	Daldrup & Soehne AG	Elering AS
CNOOC Finance (2003) Ltd.	Dalipal Holdings Limited	Eletson Holdings, Inc.
CNOOC Finance (2011) Ltd.	D'Amico International Shipping SA	Elion Energy Co., Ltd.
CNOOC Finance (2012) Ltd.	Dana Gas PJSC	Elwood Energy LLC
CNOOC Finance (2013) Ltd.	Dana Gas Sukuk Ltd.	Empire Petroleum Corporation
CNOOC Finance (2014) ULC	Datang International Power Generation Co., Ltd.	Empresa Electrica Angamos SA
Cnooc Finance (2015) Australia Pty Ltd.	Dawson Geophysical Company	Empresa Nacional del Petroleo SA
CNOOC Finance (2015) U.S.A. LLC	Dayang Enterprise Holdings Bhd.	Empresas Copec SA
CNOOC Limited	DCC plc	Empresas Lipigas SA
CNPC (HK) Overseas Capital Ltd.	DCP Midstream LP	Enable Midstream Partners LP
CNPC General Capital Ltd.	DCP Midstream Operating LP	Enauta Participacoes SA
CNRC Capital Ltd.	DEA Finance SA	Enbridge Energy Management LLC
CNRC Capitale Ltd.	Deep Drilling 1 Pte Ltd.	Enbridge Energy Partners LP
CNX Midstream Partners LP	Delek & Avner-Yam Thetis Ltd.	Enbridge Gas, Inc.
CNX Resources Corporation	Delek Energy Systems Ltd.	Enbridge Inc.
Coal Energy SA	Delek Group Ltd.	Enbridge Pipelines, Inc.
	Delek Logistics Finance Corp.	EnCana Holdings Finance Corp.
	Delek Logistics Partners LP	Endeavor Energy Resources LP
	Delek Overriding Royalty Leviathan Ltd.	ENEA SA
		ENEOS Holdings, Inc.
		Energia Finance AB



Energia SA
Energean Plc
Energen Corp.
Energeticky a prumyslový holding as
Energia Group Ltd.
Energia Group NI FinanceCo Plc
Energia Group NI Holdings Ltd.
Energie AG Oberösterreich
Energijs Skirstymo Operatorius AB
Energy Earth Public Company Limited
Energy Resources LLC
Energy Transfer LP
Energy Transfer Operating LP
Energy Ventures GOM LLC
Energy World Corp. Ltd.
Enerplus Corporation
Enerya Enerji AS
e-netz Suedhessen AG
Eneva SA
Enexis Holding NV
Engie Energia Chile SA
ENGIE Energia Peru SA
Engro Corporation Limited
Enka Insaat ve Sanayi AS
EnLink Midstream Finance Corp.
EnLink Midstream LLC
EnLink Midstream Partners LP
ENN Clean Energy International Investment Ltd.
ENN Natural Gas Co., Ltd.
EnQuest PLC
Enservco Corporation
Ensign Drilling, Inc.
Enteq Technologies Plc
Entergy Arkansas LLC
Entergy Louisiana LLC
Entergy Utility Affiliates LLC
Entergy Utility Property, Inc.
Enterprise Products Operating LLC
Enterprise Products Partners LP
EOG Resources, Inc.
EP Energy as
EP Energy Corporation
EP Energy LLC
EP Infrastructure as
EPH Financing International as
Epsilon Energy Ltd.
EQM Midstream Partners, LP
EQT Corporation
Equinor ASA
Equital Ltd.
Equitrans Midstream Corporation
Erdoel-Lagergesellschaft mbH
Erin Energy Corp.
Ervia
ESB Finance DAC
Esentia Gas Enterprises S de RL de CV
Eskom Holdings SOC Ltd.
Essar Energy Ltd.
Esso
Etablissements Maurel & Prom SA
ETC Sunoco Holdings LLC
Eterna Capital Pte Ltd.
Eterna Plc
Eurasia Drilling Co. Ltd.
Euronav MI II, Inc.
Euronav NV
eustream as
Every Kansas Central, Inc.
Evolution Petroleum Corporation
Evolve Transition Infrastructure LP
EWE AG
Excelerate Energy, Inc.
EXCO Resources, Inc.
Exillon Energy plc
EXLP Finance Corp.
EXMAR NV
Expro Group Holdings N.V.
EXTERRAN CORPORATION
Exterran Energy Solutions LP
Extraction Oil & Gas, Inc.
Exxaro Resources Ltd.
Exxon Mobil Corporation
FAR Limited
Feishang Anthracite Resources Limited
Ferrellgas Finance Corp.

Ferrellgas LP
Ferrellgas Partners, L.P.
Fieldpoint Petroleum Corp.
First Gen Corporation
First Pacific Company Limited
First Philippine Holdings Corporation
FirstEnergy Corp.
FLEX LNG Ltd.
Floatel International Ltd.
Floene Energias SA
Florida Gas Transmission Co. LLC
Florida Power & Light Co.
Fluvius System Operator CV
Fluxys SA
Foran Energy Group Co., Ltd.
Forbes Energy Services Ltd.
Foresight Energy LLC
Foresight Energy LP
Formosa Petrochemical Corp.
Fortis Inc.
Franco-Nevada Corporation
Freehold Royalties Ltd.
Friedrich Vorwerk Group SE
Frontera Energy Corporation
Frontline 2012 Ltd.
Frontline Plc
FTS International, Inc.
Fuji Kosan Co., Ltd.
Fuji Oil Co., Ltd. /5017/
Fujian Funeng Co., Ltd.
Fulcrum Utility Services Ltd.
Fundacion Bancaria Caixa d'Estalvis i Pensions de Barcelona
GAIL (India) Limited
Gallant Venture Ltd.
Galp Energia SGPS SA
Gansu Energy Chemical Co., Ltd.
Gas Malaysia Berhad
Gas Natural de Lima y Callao SA
Gas Networks Ireland
GasLog Ltd.
GasLog Partners LP
Gastar Exploration LLC
Gaz Capital SA
Gaz Finance Plc
Gazprom Neft PJSC
Gazprom PJSC
Gazpromneft-Moscow Refinery OJSC
Gaztransport & Technigaz SA
GC Treasury Center Co., Ltd.
GD Power Development Co., Ltd.
Genel Energy Plc
Genting Berhad
Geo Coal International Pte Ltd.
Geo Energy Resources Limited
GeoPark Limited
Georgia Power Co.
Georgian Oil & Gas Corp. Ltd.
Geospace Technologies Corporation
Gestion Securite de Stocks Securite SA
Gibson Energy Inc.
GL Limited
Glencore Capital Finance DAC
Glencore Finance (Canada) Ltd.
Glencore Finance (Europe) Ltd.
Glencore Funding LLC
Glencore plc
Global Partners LP
Global Power Synergy Public Company Limited
Glow Energy Public Company Limited
GMR Power & Urban Infra Ltd.
GOHL Capital Ltd.
GOIL Plc
Golar LNG Limited
Golar LNG Partners LP
Golden Energy and Resources Limited
Golden Energy Offshore AS
Goodrich Petroleum Corporation
GPN Capital SA
Gran Tierra Energy Inc.
Gran Tierra Energy International Holdings Ltd.
Grandblue Environment Co., Ltd.
Granite Oil Corp.
Granite Ridge Resources, Inc.
Great River Energy

Great Western Petroleum LLC
Greenidge Generation Holdings Inc.
Grizzly Energy LLC
Groupeement d'Interet Economique ENGIE Alliance
GS Caltex Corp.
GS Holdings Corp.
Guangdong Baolihua New Energy Stock Co., Ltd.
Guangdong Electric Power Development Co., Ltd.
Guangdong Investment Limited
Guangdong Zhongnan Iron & Steel Co., Ltd.
Guanghui Energy Co., Ltd.
Guangxi Guiguan Electric Power Co., Ltd.
Guangzhou Development Group, Inc.
Guizhou Panjiang Refined Coal Co., Ltd.
Gujarat Gas Ltd.
Gujarat Mineral Development Corporation Limited
Gulf Energy Development Public Company Limited
Gulf International Services QSC
Gulf Island Fabrication, Inc.
Gulf Keystone Petroleum Ltd.
Gulf Marine Services plc
Gulf South Pipeline Co. LLC
Gulfport Energy Corporation
Gulfsands Petroleum Plc
GVK Power & Infrastructure Limited
Hafnia Ltd.
Haimo Technologies Group Corp.
Hallador Energy Company
Halliburton Company
HANJIN HEAVY INDUSTRIES & CONSTRUCTION HOLDINGS Co., Ltd.
Harbour Energy Plc
Hargreaves Services plc
Harvest Oil & Gas Corp.
Harvest Operations Corp.
Havila Shipping ASA
Hawaiian Electric Industries, Inc.
HD HYUNDAI Co., Ltd.
HD Hyundai Marine Solution Co., Ltd.
Headwater Exploration Inc.
Helix Energy Solutions Group, Inc.
Hellenic Petroleum Finance Plc
HELLENiQ ENERGY Holdings SA
Helmerich & Payne, Inc.
Henan Shenhua Coal Industry & Electricity Power Corp. Ltd.
Henan Zhongfu Industrial Co., Ltd.
Henderson Land Development Company Limited
Hengli Petrochemical Co., Ltd.
Hengyuan Refining Company Berhad
Henson Finance Ltd.
Hermitage Offshore Services Ltd.
Hero Asia Investment Ltd.
Hess Corporation
Hess Infrastructure Partners LP
Hess Midstream LP
Hess Midstream Operations LP
HF Sinclair Corporation
Hibiscus Petroleum Berhad
Hi-Crush Inc.
Hidili Industry International Development Limited
High Arctic Energy Services Inc.
High Peak Royalties Limited
HighPeak Energy, Inc.
HighPoint Operating Corp.
HighPoint Resources Corporation
Hilcorp Energy I LP
Hilong Holding Ltd.
Hindustan Petroleum Corporation Limited
Hiroshima Gas Co., Ltd.
HKN Energy Ltd.
Hoegh Evi Ltd.
Hokkaido Electric Power Co., Inc.
Hokkaido Gas Co., Ltd.
Hokuriku Electric Power Co.
Holly Energy Partners, L.P.
Honghua Group Ltd.
Hopewell Holdings Ltd.
Horizon Oil Limited



Hornbeck Offshore Services, Inc.
Hosken Consolidated Investments Ltd.
Houston American Energy Corp.
HPCL-Mittal Energy Ltd.
Huadian Energy Co., Ltd.
Huadian Power International Corp. Ltd.
Huaibei Mining Holdings Co., Ltd.
Huaneng Hong Kong Capital Ltd.
Huaneng Power International, Inc.
Hubei Energy Group Co., Ltd.
Hunter Group ASA
Hunting Plc
Hutchison Whampoa Europe Finance [12] Ltd.
Hutchison Whampoa Europe Finance [13] Ltd.
Hutchison Whampoa Finance [03/13] Ltd.
Hutchison Whampoa Finance [05] Ltd.
Hutchison Whampoa Finance [06] Ltd.
Hutchison Whampoa Finance [09] Ltd.
Hutchison Whampoa Finance [14] Ltd.
Hutchison Whampoa Finance [CI] Ltd.
Hutchison Whampoa Finance UK Plc
Hutchison Whampoa International [03/33] Ltd.
Hutchison Whampoa International [09] Ltd.
Hutchison Whampoa International [09/16] Ltd.
Hutchison Whampoa International [09/19] Ltd.
Hutchison Whampoa International [10] Ltd.
Hutchison Whampoa International [11] Ltd.
Hutchison Whampoa International [12] Ltd.
Hutchison Whampoa International [14] Ltd.
Hutchison Whampoa International 12 II Ltd.
HYUNDAI Corp.
Iberpapel Gestion SA
Icahn Enterprises Finance Corp.
Icahn Enterprises LP
ICD Funding Ltd.
ICD Sukuk Co. Ltd.
Icon Offshore Bhd.
Idemitsu Kosan Co., Ltd.
IE2 Holdco SAU
IFM [US] Colonial Pipeline 2 LLC
IG Seismic Services Ltd.
Imperial Oil Limited
IMSK SE
INA-Industrija nafte dd
Independence Contract Drilling, Inc.
Indian Oil Corporation Limited
Indiana Michigan Power Co.
Indigo Natural Resources LLC
Indika Energy Capital III Pte Ltd.
Indo Energy Finance BV
Indo Energy Finance II BV
Indo Integrated Energy II BV
Indraprastha Gas Limited
Indus Gas Ltd.
Inner Mongolia Dian Tou Energy Corp. Ltd.
Inner Mongolia ERDOS Resources Co., Ltd.
Inner Mongolia Junzheng Energy & Chemical Group Co., Ltd.
Inner Mongolia Mengdian Huaneng Thermal Power Corp. Ltd.
Inner Mongolia Yitai Coal Co., Ltd.
Inner Mongolia Yuan Xing Energy Co., Ltd.
innogy Finance BV
INPEX Corp.
InPlay Oil Corp.
Inter Pipeline Ltd.
Inter RAO UES PJSC
InterGen NV
International Airport Finance SA
International Petroleum Corporation
International Seaways, Inc.
Interoil Exploration & Production ASA
Interstate Power & Light Co.
Investment Corp. of Dubai
ION Geophysical Corporation
IPALCO Enterprises, Inc.
IPIC GMTN Ltd.
Irkutskenergo JSC
Iron Bridge Resources, Inc.
IRPC Public Company Limited
Island Offshore Shipholding LP
Israel Electric Corp. Ltd.
Isramco Negev 2 LP

Isramco, Inc.
Ithaca Energy Plc
ITOCHU ENEX CO., LTD.
Iwatani Corp.
Izdemir Enerji Elektrik Uretim AS
Izmir Demir Celik Sanayi AS
J.O.E.L. Jerusalem Oil Exploration Ltd.
Jagged Peak Energy LLC
Jaiprakash Power Ventures Limited
Japan Drilling Co., Ltd.
Japan Oil Transportation Co., Ltd.
Jardine Cycle & Carriage Limited
Jardine Matheson Holdings Ltd.
Jardine Strategic Ltd.
Jastrzebska Spolka Weglowa SA
Jiangsu Expressway Company Limited
Jiangsu Guoxin Corp. Ltd.
Jiangxi Hongcheng Environment Co., Ltd.
Jinneng Holding Shanxi Coal Industry Co., Ltd.
Jinneng Holding Shanxi Electric Power Co., Ltd.
Jinneng Science & Technology Co., Ltd.
Jizhong Energy Resources Co., Ltd.
JKX Oil & Gas Ltd.
John Sevier Combined Cycle Generation LLC
John Wood Group Plc
Jointo Energy Investment Co., Ltd. Hebei
Jonah Energy LLC
Jones Energy Finance Corp.
Jones Energy Holdings LLC
Jones Energy II, Inc.
Jones Energy, Inc.
Journey Energy Inc.
JSW Energy Limited
Jutal Offshore Oil Services Ltd.
K N Capital Trust III
K&O Energy Group, Inc.
Kallpa Generacion SA
Kangaroo Resources Pty Ltd.
Karoon Energy Ltd.
KazMunaiGas Exploration Production JSC
KazMunaiGaz Finance Sub BV
K-Electric Ltd.
Kelt Exploration Ltd.
KENON HOLDINGS LTD.
Keppel Infrastructure Trust
Key Energy Services, Inc.
Keyera Corp.
Keyfield International Bhd.
KeySpan Gas East Corp.
Kimbrell Royalty Partners LP
Kimou Environmental Holding Limited
Kinder Morgan Energy Partners LP
Kinder Morgan Finance Co. LLC
Kinder Morgan Management LLC
Kinder Morgan, Inc.
Kinetic Development Group Limited
Kinetik Holdings Inc.
Kingsland Energy Corp.
Kiwetinohek Energy Corp.
KLX Energy Services Holdings, Inc.
KNM Group Berhad
Koc Holding A.S.
Kodiak Gas Services, Inc.
KOKS Finance DAC
Koks PJSC
Kolibri Global Energy Inc.
Korea East-West Power Co., Ltd.
Korea Electric Power Corp.
Korea Gas Corp.
Korea National Oil Corp.
KOSMOS ENERGY LTD.
Kot Addu Power Co. Ltd.
Kreuz Holdings Ltd.
KrisEnergy Ltd.
Kukdong Oil & Chemicals Co., Ltd.
KunLun Energy Company Limited
Kuwait Energy Plc
Kuzbasskaya Toplivnaya Kompaniya PJSC
Kvaerner ASA
Kyoei Tanker Co., Ltd.
KyungDong Invest Co., Ltd.
Lamprell Plc
Lanka IOC PLC
Latina Offshore Holding Ltd.
Lea Power Partners LLC

Legacy Reserves LP
Leucrotta Exploration Inc.
LG&E & KU Energy LLC
Liaoning Cheng Da Co., Ltd.
Liberty Energy Inc.
Liberty Utilities Co.
Liberty Utilities Finance GP1
Lilis Energy, Inc.
Lime Petroleum AS
Linea Group Holding SpA
Liquefied Natural Gas Limited
Listrindo Capital BV
LLPL Capital Pte Ltd.
Lonestar Resources America, Inc.
Lonestar Resources US, Inc.
Lopez Holdings Corporation
Louisville Gas & Electric Co.
Lubelski Wegiel BOGDANKA SA
Lucky Cement Ltd.
Luenmei Quantum Co., Ltd.
LUKOIL International Finance BV
LX International Corp.
Macquarie Infrastructure Holdings, LLC
Madrilena Red de Gas Finance BV
Madrilena Red de Gas SAU
Magellan Midstream Partners, L.P.
Magnolia Oil & Gas Corporation
Magnolia Oil & Gas Operating LLC
Magnora ASA
Magseis Fairfield ASA
Maha Energy AB
Mahanagar Gas Limited
Majapahit Holding BV
Malakoff Corporation Berhad
Malaysia Marine & Heavy Engineering Holdings Bhd.
Mammoth Energy Services, Inc.
Mamoura Diversified Global Holding PJSC
Mangalore Refinery & Petrochemicals Ltd.
Manila Electric Co.
Manitok Energy, Inc.
Marathon Oil Corporation
Marathon Petroleum Corporation
Mari Petroleum Co. Ltd.
Maridive & Oil Services SAE
Marine & General Berhad
MarkWest Energy Finance Corp.
MarkWest Energy Partners LP
Martin Midstream Partners LP
Matador Resources Company
Maverick Natural Resources LLC
MC Finance Australia Pty Ltd.
MC Mining Limited
McCoy Global Inc.
MDGH-GMTN BV
MDU Resources Group, Inc.
Mechel PAO
Medco Oak Tree Pte Ltd.
Medco Platinum Road Pte Ltd.
Medco Strait Services Pte Ltd.
MEG Energy Corp.
Mega Advance Investments Ltd.
Meiwa Corp.
Memorial Production Finance Corp.
Mesquite Energy, Inc.
Metinvest BV
Metro Pacific Investments Corporation
Mexico Generadora de Energia S de RL
MGE Energy, Inc.
Midcontinent Express Pipeline LLC
Midland Cogeneration Venture LP
MIE Holdings Corporation
MIND Technology, Inc.
Mississippi Power Co.
Mitani Corp.
Mitsui & Co., Ltd.
Mitsui Matsushima Holdings Co., Ltd.
Mitsuiroko Group Holdings Co., Ltd.
MJL Bangladesh Plc
MMA Offshore Limited
MNRL Sub, Inc.
Mo-BRUK SA
MODEC, Inc.
MOL Group Finance SA
MOL Hungarian Oil & Gas Plc
Molecular Energies Plc



Molopo Energy Limited
Mongolia Energy Corporation Limited
Mongolian Mining Corporation
Monongahela Power Co.
Mosenergo OAO
Moss Creek Resources Holdings, Inc.
Motiva Enterprises LLC
Motor Oil (Hellas) Corinth Refineries SA
MPLX LP
MSU Energy SA
Murphy Oil Corporation
Murphy Oil USA, Inc.
Murphy USA Inc.
Murray Energy Corporation
Nabors Industries Ltd.
NACCO Industries, Inc.
Naftogaz of Ukraine NJSC
Naphtha Israel Petroleum Corp. Ltd.
National Energy Services Reunited Corp.
National Fuel Gas Company
National Gas & Industrialization Co.
National Gas Transmission Plc
National Grid North America, Inc.
National Petroleum Co., Ltd.
National Refinery Ltd.
Natural Resource Partners LP
Naturelgaz Sanayi ve Ticaret AS
Nava Limited
Navigator Holdings Ltd.
Navios Maritime Acquisition Corporation
Navios South American Logistics, Inc.
Nayara Energy Ltd.
NCS Multistage Holdings, Inc.
Nederlandse Gasunie NV
Neova Oy
Neptune Energy Bondco Plc
Neptune Energy Group Ltd.
NET4GAS sro
NeuRizer Ltd
Nevada Power Co.
New Fortress Energy Inc.
New Hope Corporation Limited
New Jersey Resources Corporation
Newcastle Coal Infrastructure Group Pty Ltd.
Newmed Energy LP
NewOcean Energy Holdings Limited
NextDecade Corporation.
NexTier Oilfield Solutions Inc.
NGL Energy Partners LP
NGPL PipeCo LLC
Niko Resources Ltd.
Nine Energy Service, Inc.
Ningxia Baofeng Energy Group Co., Ltd.
Nippon Coke & Engineering Co., Ltd.
Nippon Express Holdings, Inc.
Nippon Gas Co., Ltd. [8174]
NLC India Ltd.
Noble Corporation plc
Noble Energy, Inc.
Nordic American Tankers Limited
Norshore Atlantic BV
Nortegas Energia Distribucion SA
North American Construction Group Ltd.
North Atlantic Drilling Ltd.
North Energy ASA
North Huajin Chemical Industries Co., Ltd.
North Queensland Export Terminal Pty Ltd.
North West Redwater Partnership, Inc.
Northern Drilling Ltd.
Northern Electric Finance Plc
Northern Gas Networks Finance Plc
Northern Gas Networks Ltd.
Northern Natural Gas Co.
Northern Ocean Ltd.
Northern Oil and Gas, Inc.
Northern States Power Co.
North-Star International Co., Ltd.
Northwest Natural Gas Co.
Northwest Pipeline LLC
NorthWestern Energy Group, Inc.
Nostrum Oil & Gas Finance BV
Nostrum Oil & Gas Plc
NOV Inc.
Novatek Finance DAC
NOVATEK JSC
NSG Holdings II LLC

NTPC Limited
NuStar Energy L.P.
NuStar Logistics LP
Nuverra Environmental Solutions, Inc.
NuVista Energy Ltd.
NV Energy, Inc.
NWF Group Plc
Oando Plc
Obsidian Energy Ltd.
Occidental Petroleum Corporation
Ocean Yield AS
Oceaneering International, Inc.
OCV Recovery AS
Odas Elektrik Uretim Sanayi Ticaret AS
Odfjell Drilling Ltd.
Odfjell Technology Ltd.
Offshore Drilling Holding SA
Offshore Oil Engineering Co., Ltd.
OGE Energy Corp.
Oglethorpe Power Corp.
Oil & Gas Development Co. Ltd.
Oil & Natural Gas Corp. Ltd.
Oil Co. LUKOIL PJSC
Oil India Limited
Oil Refineries Ltd.
Oil Search Ltd.
Oil States International, Inc.
OKEA ASA
Okeanis Eco Tankers Corp.
Oklahoma Gas & Electric Co.
Old ANR LLC
Oleoducto Central SA
Olympic Subsea KS
OMV AG
OMV Petrom SA
ONE Gas, Inc.
ONEOK Partners LP
ONEOK, Inc.
ONGC Videsh Ltd.
ONICO SA
Ontario Power Generation, Inc.
OPC Energy Ltd.
OPE KAG Finance Sub, Inc.
Operateur de reseaux denergies SCRL
Ophir Energy Ltd. (United Kingdom)
OPUS GLOBAL Nyrt.
Orazul Energia Peru S.A.C
Organizacion Terpel SA
Oriental Energy Co., Ltd.
Origin Energy Finance Ltd.
Origin Energy Limited
ORLEN Capital AB
ORLEN SA
ORLEN Unipetrol as
Orsknefteorgsintez PJSC
Orygen Peru SAA
Osaka Gas Co., Ltd.
OSX Brasil SA
Otter Tail Corporation
Otto Energy Limited
Overseas Shipholding Group, Inc.
Ovintiv Canada ULC
Ovintiv Exploration, Inc.
Ovintiv Inc.
OW Bunker A/S
PACC Offshore Services Holdings Ltd.
Pacific Drilling First Lien Escrow Issuer Ltd.
Pacific Drilling SA
Pacific Drilling V Ltd.
Pacific Energy Limited
Pacific Radiance Ltd.
PacifiCorp
Padma Oil Co. Ltd.
Painted Pony Energy Ltd.
Pakistan Oilfields Ltd.
Pakistan Petroleum Ltd.
Pakistan State Oil Co. Ltd.
Pampa Energia SA
Pan American Energy SL
Panhandle Eastern Pipe Line Co. LP
Panoche Energy Center LLC
Panoro Energy ASA
Panthoeon Resources plc
Par Pacific Holdings, Inc.
Paragon Offshore plc
Paramount Resources Ltd.

Paratus Energy Services Ltd.
Parex Resources Inc.
Park Elektrik Uretim Madencilik Sanayi ve Ticaret AS
Parker Drilling Co.
Parkland Corporation
Parsley Energy LLC
Parsley Energy LP
Parsley Energy, Inc.
Pason Systems Inc.
Patterson-UTI Energy, Inc.
Paz Oil Co. Ltd.
PBF Energy Inc.
PBF Holding Co. LLC
PBF Logistics LP
PC Financial Partnership
Peabody Energy Australia PCI Pty Ltd.
Peabody Energy Corporation
PECO Energy Co.
PEDEVCO Corp.
Pembina Pipeline Corporation
Pemex Project Funding Master Trust
Pengrowth Energy Corporation
Perak Transit Berhad
Perdana Petroleum Berhad
Perennial Energy Holdings Limited
Permian Resources Corporation
Permian Resources Operating LLC
Perpetual Energy Inc.
Peru LNG SRL
Petmin Ltd.
Petra Energy Bhd.
Petro River Oil Corp.
Petro Welt Technologies AG
Petrobras Global Finance BV
Petrobras International Finance Co.
Petroceltic International Ltd. (Ireland)
PetroChina Company Limited
Petrol dd Ljubljana
Petroleo Brasileiro SA
Petroleos de Venezuela SA
Petroleos Del Peru - Petroperu SA
Petroleos Mexicanos EPE
Petrolia SE
Petroliam Nasional Bhd.
Petrolina (Holdings) Public Ltd.
Petrolympic Ltd.
Petron Corp.
Petron Malaysia Refining & Marketing Bhd.
PETRONAS Capital Ltd.
PETRONAS Dagangan Berhad
PETRONAS Gas Berhad
Petronas Global Sukuk Ltd.
Petronor E&P ASA
PetroQuest Energy, Inc.
Petroreconcavo SA
Petrosibir AB
PetroTal Corp.
Petroteq Energy Inc.
PetroVietnam Drilling & Well Services JSC
Petrovietnam Gas JSC
Petrovietnam Power Corp.
PetroVietnam Power Nhon Trach 2 JSC
PetroVietnam Technical Services Corp.
Petrovietnam Transportation Corp.
Peyto Exploration & Development Corp.
PGE Sweden AB
PGNiG Finance AB
PGS ASA
Pharos Energy Plc
PHBS Ltd.
PHI Aviation LLC
Phillips 66
Phillips 66 Partners LP
Phoenix Global Resources Ltd.
PHX Energy Services Corp.
PHX Minerals Inc.
Pine Cliff Energy Ltd.
Ping Petroleum UK Plc
Pingdingshan Tianan Coal Mining Co., Ltd.
Pioneer Energy Services Corp.
Pioneer Natural Resources Company
PKM Canada Ltd.
Plains All American Pipeline, L.P.
Polskie Gornictwo Naftowe i Gazownictwo SA
Polytec Asset Holdings Limited



POSCO Future M Co., Ltd.
Power Assets Holdings Limited
PPL Capital Funding, Inc.
PPL Corporation
Prairie Provident Resources, Inc.
PrairieSky Royalty Ltd.
Prax Upstream Ltd.
Preem Holding AB
Press Corporation Plc
Prima Marine Public Company Limited
PrimeEnergy Resources Corporation
PRIO SA
Productive Technologies Company Limited
Profire Energy, Inc.
ProFrac Holding Corp.
Promigas SA ESP
ProPetro Holding Corp.
Prosafte SE
PSEG Power LLC
PT ABM Investama Tbk
PT Adaro Energy Indonesia Tbk
PT Adaro Indonesia
PT Adaro Minerals Indonesia
PT Alfa Energi Investama Tbk
PT Astra International Tbk
PT Bayan Resources Tbk
PT Berau Coal Energy
PT Borneo Lumbung Energi & Metal
PT Bukit Asam Tbk
PT Bukit Makmur Mandiri Utama
PT Bumi Resources Tbk
PT Cikarang Listrindo Tbk
PT Delta Dunia Makmur Tbk
PT Dian Swastatika Sentosa Tbk
PT Elnusa Tbk
PT Energi Mega Persada Tbk
PT ESSA Industries Indonesia Tbk
PT Golden Eagle Energy TBK
PT Golden Energy Mines Tbk
PT Harum Energy Tbk
PT Indika Energy Tbk
PT Indo Tambangraya Megah Tbk
PT Indomobil Sukses Internasional Tbk
PT Indonesia Asahan Aluminium (Persero)
PT Kawasan Industri Jababeka Tbk
PT Krakatau Steel (Persero) Tbk
PT Medco Energi Internasional Tbk
PT MNC Asia Holding Tbk
PT Pelayaran Tamarin Samudra Tbk
PT Pertamina (Persero)
PT Perusahaan Gas Negara Tbk
PT Perusahaan Listrik Negara (Persero)
PT Petrindo Jaya Kreasi Tbk
PT Rukun Raharja Tbk
PT Saka Energi Indonesia
Pt Sugih Energy Tbk
PT Timah Tbk
PT Trada Alam Minera Tbk
PT United Tractors Tbk
PTG Energy Public Co. Ltd.
PTT Exploration and Production Public Company Limited
PTT Global Chemical Plc
PTT Oil and Retail Business Public Company Limited
PTT Public Co., Ltd.
PTTEP Canada International Finance Ltd.
PTTEP Treasury Center Co., Ltd.
Public Service Company of Colorado
Public Service Company of New Mexico
Public Service Electric & Gas Co.
Puget Energy, Inc.
Puget Sound Energy, Inc.
PXP Energy Corporation
PAA Finance Corp.
Qalaa For Financial Investments [S.A.E.]
Qatar Electricity & Water Co.
Qatar Fuel-Woqod QSC
Qatar Gas Transport Co.
QatarEnergy LNG S[1]
QazaqGaz National Co. JSC
QEP Resources, Inc.
Questerre Energy Corporation
Quinenco SA
Quintana Energy Services, Inc.
Rabigh Refining & Petrochemical Co.

Raffinerie Heide GmbH
Raizen Energia SA
Raizen Fuels Finance SA
Raizen SA (Brazil)
Ramaco Resources, Inc.
Range Resources Corporation
Ranger Energy Services, Inc.
Ranger Oil Corporation
Ranhill Utilities Bhd.
RATCH Group Public Co., Ltd.
Rattler Midstream LP
Reach Energy Berhad
Reach Subsea ASA
Red Oak Power LLC
Redexis Gas Finance BV
Redexis SAU
Refineria La Pampilla SAA
Refrigeration Electrical Engineering Corp.
Regency Energy Finance Corp.
Regency Energy Partners LP
Reliance Holding USA, Inc.
Reliance Industries Ltd.
Reliance Infrastructure Limited
Reliance Power Limited
REN Finance BV
Repsol International Finance BV
Repsol SA
Rex Energy Corp.
Rex International Holding Limited
RGC Resources, Inc.
Rhino Resource Partners LP
Ridgebury Crude Tankers LLC
Riley Exploration Permian, Inc.
Ring Energy, Inc.
Riviera Resources, Inc.
RM Partners LP
RN Holding QJSC
Roadster Finance DAC
Roan Resources, Inc.
Rockhopper Exploration Plc
Rockies Express Pipeline LLC
Rockpoint Gas Storage Canada Ltd.
Romp petrol Rafinare SA
Rosehill Resources Inc.
Rosneft Finance SA
Rosneft International Finance Ltd.
ROSNEFT International Ltd.
Rosneft Oil Co.
Rowan Cos. LLC
Royale Energy, Inc.
RS Energy KK
Rubis Energy Kenya Plc
Rubis Terminal
Ruby Pipeline LLC
Ruweis Power Co. PJSC
RWEE AG
S.D. Standard ETC Plc
Sabal Trail Transmission LLC
Sabine Oil & Gas Corp.
Sabine Pass Liquefaction LLC
Sabine Pass LNG LP LLC
Sadovaya Group
SAExploration Holdings, Inc.
Saipem Finance International BV
Saipem SpA
Sakari Resources Ltd.
Sala Corp.
Salungano Group Ltd.
Samchully Co., Ltd.
Samruk-Energy JSC
Samson Oil & Gas Limited
Samyak International Ltd.
San Diego Gas & Electric Co.
San Leon Energy PLC
San Miguel Corporation
SAN-AI DBBLI Co., Ltd.
SandRidge Energy, Inc.
Sanjel Corp.
Santos Finance Ltd.
Santos Limited
Sapura Energy Berhad
Saras SPA
Saratov Oil & Refinery PJSC
Sasol Financing International Ltd.
Sasol Financing USA LLC
Sasol Ltd.

Saturn Oil & Gas Inc.
Saudi Arabian Oil Co.
Saudi Aramco Base Oil Co.
Saudi Automotive Services Co.
Saudi Electricity Co.
Saudi Electricity Global Sukuk Co. - 2
Saudi Electricity Global Sukuk Co. - 3
Savanna Energy Services Corp.
SBM Offshore NV
SCANA Corp.
Schahin II Finance Co. [SPV] Ltd.
Schlumberger Finance BV
Schlumberger Finance Canada Ltd.
Schlumberger Finance France SAS
Schlumberger Holdings Corp.
Schlumberger Investment SA
Schlumberger NV
Scomi Group Bhd.
Scorpio Tankers Inc.
Scotland Gas Networks Plc
Scottish Power Ltd.
SD International Sukuk Ltd.
SDIC Power Holdings Co., Ltd.
Sea Trucks Group Ltd.
Sea1 Offshore, Inc.
SeaBird Exploration Plc
SEACOR Marine Holdings Inc.
Seacrest Petroleo Bermuda Ltd.
Seadrill Limited
Seapeak LLC
SeaRiver Maritime Financial Holdings, Inc.
Seitel, Inc.
Select Water Solutions, Inc.
Sembcorp Industries Ltd.
SemGroup, LLC
Semirara Mining & Power Corp.
Senex Energy Limited
Seobu T&D Co., Ltd.
SEOUL CITY GAS CO., LTD.
Seplat Energy Plc
Serba Dinamik Holdings Berhad
Serica Energy plc
Sevan Drilling Ltd.
Seven Energy Finance Ltd.
Seven Energy International Ltd.
Seven Energy Ltd.
SFL Corporation Ltd
SGC Energy Co., Ltd.
SGSP [Australia] Assets Pty Ltd.
Shamal Az-Zour Al-Oula Power & Water Co.
KSCP
Shamaran Petroleum Corp.
Shan Xi Hua Yang Group New Energy Co. Ltd.
Shandong Energy Australia Pty Ltd.
Shandong Energy Group Co., Ltd.
Shandong Xinchao Energy Corp. Ltd.
Shanghai Datun Energy Resources Co., Ltd.
Shanghai Dazhong Public Utilities (Group) Co., Ltd.
Shanghai Electric Power Co., Ltd.
Shanxi Coal International Energy Group Co., Ltd.
Shanxi Coking Coal Energy Group Co., Ltd.
Shanxi Guoxin Energy Corp. Ltd.
Shanxi Lanhua Sci-Tech Venture Co., Ltd.
Shanxi Lu'An Environmental Energy Development Co., Ltd.
Shanxi Meijin Energy Co., Ltd.
Shelf Drilling Holdings Ltd.
Shelf Drilling Ltd.
Shell Finance [Netherlands] BV
Shell International Finance BV
Shell Midstream Partners LP
Shell Oman Marketing
Shell Pakistan Ltd.
Shell Pilipinas Corporation
Shell Plc
Shenergy Co., Ltd.
Shenzhen Energy Group Co., Ltd.
Shenzhen Gas Corp. Ltd.
Shenzhen Nanshan Power Co., Ltd.
Sherritt International Corporation
Shikoku Electric Power Co., Inc.
Shizuoka Gas Co., Ltd.
Shougang Fushan Resources Group Limited
Shaanxi Coal Industry Co., Ltd.



Shaanxi Energy Investment Co., Ltd.
Siamgas and Petrochemicals Public Company Limited
SIBUR Holding JSC
SIBUR Securities DAC
Sichuan Expressway Company Limited
Sidewinder Drilling LLC
Sierra Pacific Power Co.
Silver Elephant Mining Corp.
SilverBow Resources, Inc.
Simba Essel Energy, Inc.
SINANEN Holdings Co., Ltd.
Sino Gas & Energy Holdings Ltd.
Sino Oil and Gas Holdings Limited
Sinopec Capital Co., Ltd.
Sinopec Group Overseas Development (2012) Ltd.
Sinopec Group Overseas Development (2013) Ltd.
Sinopec Group Overseas Development (2014) Ltd.
Sinopec Group Overseas Development (2015) Ltd.
Sinopec Group Overseas Development (2016) Ltd.
Sinopec Group Overseas Development (2017) Ltd.
Sinopec Group Overseas Development (2018) Ltd.
Sinopec Kantons Holdings Limited
Sinopec Oilfield Service Corporation
Sinopec Shanghai Petrochemical Company Limited
Sintana Energy Inc.
SK Discovery Co. Ltd.
SK E&S Co., Ltd.
SK Innovation Co., Ltd.
SK, Inc.
Slavneft-Yaroslavlnefteorgsintez PJSC
Slovensky plynarensky Priemysel AS
Slovnaft AS
SM Energy Company
Smart Sand, Inc.
SMC Global Power Holdings Corp.
Societatea Nationala de Gaze Naturale ROMGAZ SA
S-Oil Corp.
Sojitz Corp.
Solaris Midstream Holdings LLC
Songa Offshore SE
Sonoro Energy Ltd.
Sound Energy Plc
Source Energy Services LP
South Jersey Industries, Inc.
South32 Ltd.
South32 Treasury Ltd.
Southern California Gas Co.
Southern Company Gas
Southern Company Gas Capital Corp.
Southern Gas Corridor CJSC
Southern Gas Networks Plc
Southern Kuzbass Coal Co. PJSC
Southern Natural Gas Co. LLC
Southern Power Co.
Southgobi Resources Ltd.
Southwest Gas Corp.
Southwest Gas Holdings, Inc.
Southwestern Electric Power Co.
Southwestern Energy Company
Southwestern Public Service Co.
SP Corp. Ltd.
Spartan Delta Corp.
Spectra Energy Partners LP
SPIC 2016 US Dollar Bond Co. Ltd.
SPIC 2018 USD Senior Perpetual Bond Co. Ltd.
SPIC Industry-Finance Holdings Co., Ltd.
SPIC Luxembourg Latin America Renewable Energy Investment Co.
Spindletop Oil & Gas Co.
SPP - distribucia as
SPP Infrastructure Financing BV
SPR Finance Corp.
SPT Energy Group Inc.
St1 Nordic Oy
Stanmore Resources Limited
Star Energy Group Plc

Star Group LP
Star Petroleum Refining Public Company Limited
State Oil Company of Azerbaijan Republic
State Power Investment Corp., Ltd.
STEAG GmbH
Stedin Holding NV
STEP Energy Services Ltd.
Stoneway Capital Corp.
Storm Resources Ltd.
Strad Inc.
Strata Power Corp.
Strathcona Resources Ltd.
Strike Energy Limited
Strong Petrochemical Holdings Limited
Stronghold Digital Mining, Inc.
Subsea 7 SA
Suburban Propane Partners, L.P.
Sui Northern Gas Pipelines Ltd.
Sumatec Resources Bhd.
Sumiseki Holdings, Inc.
Sumitomo Corp.
Summit Midstream Corporation
Summit Midstream Holdings LLC
Summit Power Ltd.
SunCoke Energy Partners Finance Corp.
SunCoke Energy Partners, L.P.
SunCoke Energy, Inc.
Suncor Energy Inc.
Sundance Energy Inc.
Sunoco Logistics Partners Operations LP
Sunoco LP
Sunpower Group Ltd.
Sunshine Oilsands Ltd.
Superior Energy Services, Inc.
Surge Energy Inc.
Surgutneftegas PJSC
SUSCO Public Company Limited
Swan Energy Limited
T7 Global Berhad
Taiheiyo Kokuhatu Inc.
Taiwan Cogeneration Corp.
Taki Chemical Co., Ltd.
Talen Energy Corporation
Talen Energy Supply LLC
Talent Yield (Euro) Ltd.
Talent Yield Investments Ltd.
Tallgrass Energy Partners LP
Tallgrass Energy, LP
Talos Energy Inc.
Talos Production, Inc.
Tamarack Valley Energy Ltd.
Tampa Electric Co.
Tapstone Energy LLC
Targa Pipeline Finance Corp.
Targa Resources Corp.
Targa Resources Partners Finance Corp.
Targa Resources Partners LP
Tatneft PJSC
TBEA Co., Ltd.
TC Energy Corporation
TC PipeLines, LP
Technip Energies NV
TECO Finance, Inc.
Tecpetrol SA
Teekay Corporation
Teekay Shuttle Tanker Finance LLC
Teekay Tankers Ltd.
Teine Energy Ltd.
Tellurian Inc.
Tenaga Nasional Berhad
Tengizchevroil Finance Co. International Ltd.
Tengizchevroil Finance Co. SARL
Tennessee Gas Pipeline Co. LLC
Tennessee Valley Authority
Terega SA
Terega SAS
Termocandelaria Power SA
TerraCom Limited
Territorial Generating Co. No 1 PJSC
Tervita Corporation
Tesoro Logistics Finance Corp.
Tethys Oil AB
Texas Eastern Transmission LP

TGI International Ltd.
TGS ASA
Thai Oil Public Company Limited
Thaioil Treasury Center Co., Ltd.
The Brooklyn Union Gas Co.
The Chugoku Electric Power Co., Inc.
The Drilling Company of 1972 A/S
The East Ohio Gas Co.
The Great Eastern Shipping Company Limited
The Great Taipei Gas Corp.
The Hub Power Co. Ltd.
The Kansai Electric Power Co., Inc.
The Kenan Advantage Group, Inc.
The Lanna Resources Public Co., Ltd.
The LEADCORP, Inc.
The National Gas Company of Trinidad & Tobago Ltd.
The Oil & Gas Holding Co. BSC
The Okinawa Electric Power Co., Inc.
The Power & Water Utility Co. for Jubail & Yanbu
The Second Generation Co of the Wholesale Power Market PJSC
The Southern Company
The Williams Companies, Inc.
Third Coast Midstream LLC
Thunderbird Resources Equity, Inc.
Thungela Resources Ltd.
Tian Lun Gas Holdings Limited
Tiandi Science & Technology Co., Ltd.
Tianjin Port Development Holdings Limited
Tidewater Inc.
Tidewater Renewables Ltd.
Tipco Asphalt Public Co. Ltd.
Titan Petrochemicals Group Limited
TNB Global Ventures Capital Bhd.
Toa Oil Co., Ltd.
TOELL Co., Ltd.
Tokyo Gas Co., Ltd.
Top Frontier Investment Holdings, Inc.
Topaz Energy Corp.
TORC Oil & Gas Ltd.
TORM A/S
Torm Plc
Torrent Power Limited
Toscana Energy Income Corporation
Total Energy Services Inc.
Touchstone Exploration Inc.
Tourmaline Oil Corp.
Toyo Kanetsu KK
TPI Polene Power Public Co., Ltd.
TPI Polene Public Co. Ltd.
Trafigura Funding SA
Trafigura Group Pte Ltd.
Trans Mountain Corp.
TransCanada PipeLines Ltd.
TransCanada Trust
TransCapitalInvest DAC
Transcontinental Gas Pipe Line Co. LLC
Transfar Zhilian Co., Ltd.
TransGlobe Energy Corporation
TransMontaigne Partners LLC
Transneft PJSC
Transnet SOC Ltd.
Transocean Guardian Ltd.
Transocean Ltd.
Transocean Phoenix 2 Ltd.
Transocean Pontus Ltd.
Transocean Poseidon Ltd.
Transocean Sentry Ltd.
Transocean, Inc.
Transportadora de Gas del Norte SA
Transportadora de Gas del Peru SA
Transportadora de Gas del Sur SA
Transportadora de Gas Internacional SA ESP
TravelCenters of America Inc.
Trican Well Service Ltd.
Trinidad Generation Unlimited
Trinidad Petroleum Holdings Ltd.
Tsakos Energy Navigation Limited
Tulip Oil Netherlands Offshore BV
Tullow Oil Plc
Turcas Petrol AS
Turkiye Petrol Rafinerileri AS
TXNM Energy, Inc.
U.S. ENERGY CORP.



U.S. Silica Holdings, Inc.
U.S. Well Services Holdings LLC
UGI Corporation
Ultrapar International SA
Ultrapar Participacoes SA
Unicorn Capital Partners Ltd.
UNIMOT SA
Union Electric Co.
Uniper SE
Unipro PJSC
Unit Corporation
United Energy Group Limited
United Refining Co.
United Strength Power Holdings Limited
Unitil Corporation
Up Energy Development Group Limited
Urals Energy Public Co. Ltd.
USA Compression Partners LP
Uzma Berhad
Valaris Limited
Valener Inc.
Valero Energy Corporation
Valero Energy Partners LP
Valeura Energy Inc.
Vallourec SA
Vantage Drilling Co.
Vantage Drilling International Ltd.
Var Energi ASA
Vector Limited
Vectren Corp.
Vedanta Limited
Vedanta Resources Finance II Plc
Vedanta Resources Jersey Ltd.
Vedanta Resources Ltd.
Velesto Energy Berhad
Venture Global LNG, Inc.
Veren, Inc.
Vermilion Energy Inc.
Vertex Energy, Inc.
Via Renewables, Inc.
Vibra Energia SA
Vier Gas Transport GmbH
Viesgo Infraestructuras Energeticas SL
Vietnam National Petroleum Corp.
Viking Supply Ships AS

Vimetco NV
Vine Energy, Inc.
Viper Energy, Inc.
Virginia Electric & Power Co.
Viridian Group FundCo II Ltd.
Vital Energy, Inc.
Vitesse Energy, Inc.
Viva Energy Group Ltd.
Vivo Energy Ltd.
Volstad Subsea AS
VPower Group International Holdings Limited
VAALCO Energy, Inc.
W&T Offshore, Inc.
Wales & West Utilities Finance Plc
Wales & West Utilities Ltd.
Warren Resources, Inc.
Warrior Met Coal, Inc.
Wasco Berhad
Washington Gas Light Co.
Washington H. Soul Pattinson and Company Limited
Weatherford International LLC
Weatherford International Ltd. (Bermuda)
Weatherford International plc
WEC Energy Group, Inc.
Welltec A/S
Wentworth Resources Plc
Western Energy Services Corp.
Western Midstream Operating LP
Western Midstream Partners LP
Western Refining Logistics LP
Westmoreland Coal Co.
Westmoreland Resource Partners LP
WGL Holdings, Inc.
WHA Utilities & Power Public Co. Ltd.
White Energy Company Limited
White Star Petroleum LLC
Whitecap Resources Inc.
Whitehaven Coal Limited
Wintershall Dea AG
Wintershall Dea Finance 2 BV
Wintershall Dea Finance BV
Wintershall Dea International GmbH
Wintime Energy Group Co., Ltd.
Wisconsin Electric Power Company

Wisconsin Power & Light Co.
Wisconsin Public Service Corp.
Wison Engineering Services Co. Ltd.
Wollongong Coal Limited
Woodside Energy Group Ltd.
Woodside Finance Ltd.
World Kinect Corporation
WPX Energy, Inc.
Wuchan Zhongda Group Co., Ltd.
XCD Energy Limited
Xcel Energy Inc.
Xiamen International Trade Group Corp. Ltd.
Xiangcai Co., Ltd.
Xinjiang Guanghui Industry Investment (Group) Co., Ltd.
Yanchang Petroleum International Limited
Yancoal Australia Ltd.
Yancoal International Resources Development Co., Ltd.
Yangarra Resources Ltd.
Yankuang Energy Group Co., Ltd.
Yankuang Group (Cayman) Ltd.
Yantai Jereh Oilfield Services Group Co. Ltd.
Yesco Holdings Co., Ltd.
Yinson Holdings Berhad
YPF Energia Electrica SA
YTL Power International Berhad
Yuan Heng Gas Holdings Limited
Yunnan Energy Investment Co., Ltd.
Z Energy Ltd.
ZAMET SA
Zapadoslovenska Energetika as
Zargon Oil & Gas Ltd.
Zephyr Energy Plc
Zhaikunai Finance BV
Zhaikunai International BV
Zhejiang Jiahua Energy Chemical Industry Co., Ltd.
Zhejiang Zheneng Electric Power Co., Ltd.
Zhengzhou Coal Industry & Electric Power Co., Ltd.
Zhongrong Xinda Group Co., Ltd.
Zuhai Holdings Investment Group Limited
Zion Oil & Gas, Inc.
AAG Energy Holdings Ltd.

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 and the fossil fuel exclusions are further defined in the [Exclusion Instruction](#).

Excluded Investments

2i Rete Gas SpA
3i Infrastructure PLC
88 Energy Limited
A2A SpA
AB Ignitis Gamyba
AB Igrene
Aban Offshore Limited
ABL Group ASA
Aboitiz Equity Ventures, Inc.
Aboitiz Power Corp.
Abraxas Petroleum Corporation
Absolute Clean Energy Public Company Limited
Abterra Ltd.
Abu Dhabi Crude Oil Pipeline LLC
Abu Dhabi National Energy Co. PJSC
Abu Dhabi National Oil Co. for Distribution PJSC
ACEN Corporation
ACWA Power Co.
Adams Resources & Energy, Inc.
Adani Electricity Mumbai Ltd.
Adani Enterprises Limited
Adani Power Limited
Adani Total Gas Limited
Ades Holding Co.
ADNOC Drilling Co. PJSC
ADNOC Gas Plc
ADNOC Logistics & Services Plc

Advantage Energy Ltd.
Aegis Logistics Ltd.
Aenza SAA
AES Andes SA
AES Argentina Generacion SA
AES El Salvador Trust II
AES Espana BV
Africa Oil Corp.
African Rainbow Minerals Ltd.
AGL Energy Limited
Agritrade Resources Limited
Ahlatci Dogal Gaz Dagitim Enerji ve Yatirim AS
Al Candelaria (Spain) SLU
Air Water, Inc.
Akastor ASA
Akenerji Elektrik Uretim AS
Aker ASA
Aker BP ASA
Aker Solutions ASA
Aksa Enerji Uretim AS
Alabama Power Company
Alarko Holding AS
Albanesi SA
Albioma SA
Aldrees Petroleum & Transport Services Co.
Alexandria Mineral Oils Co.
Algonquin Power & Utilities Corp.
ALLETE, Inc.

Alliance Holdings GP LP
Alliance Oil Co., Ltd.
Alliance Resource Operating Partners LP
Alliance Resource Partners LP
Alliant Energy Corporation
Alon USA Energy, Inc.
Alpha Metallurgical Resources, Inc.
Alpiq Holding AG
Alta Mesa Holdings, LP
Alta Mesa Resources, Inc.
AltaGas Ltd.
Alterra Infrastructure LP
Alterra Shuttle Tankers LLC
Altius Minerals Corporation
Amazing Energy Oil & Gas Co.
Amec Foster Wheeler Ltd.
Ameren Corporation
American Biofuels, Inc.
American Electric Power Company, Inc.
American Tanker, Inc.
AmeriGas Finance LLC
AmeriGas Partners, L.P.
Amerisur Resources Ltd.
Amplify Energy Corp.
Ampol Limited
An Hui Wenergy Co., Ltd.
Anadarko Petroleum Corporation
Andeavor LLC



Anglo American Capital Plc
Anglo American plc
Anhui Hengyuan Coal Industry & Electricity Power Co., Ltd.
AntarChile SA
Antero Midstream Corporation
Antero Midstream Partners LP
Antero Resources Corporation
Antero Resources Finance Corp.
Anton Oilfield Services Group
APA CORPORATION
APA Group
APA Infrastructure Ltd.
Apache Corp.
Apache Finance Canada LLC
Apetra SA
Appalachian Power Co.
Approach Resources Inc.
Aquila Holdings ASA
ARC Resources Ltd.
Arch Resources, Inc.
Archer Ltd.
Archrock Partners LP
Archrock, Inc.
Ardmore Shipping Corporation
Arizona Public Service Co.
ARKO Corp.
Armour Energy Limited
Arrow Exploration Corp.
Ascent Resources Utica Holdings LLC
Ascopiave SpA
Ashdod Refinery Ltd.
Asia Cement Corp.
Aspire Mining Limited
ATCO Ltd.
Athabasca Oil Corporation
Atlantic Petroleum P/F
Atlantic Power Corporation
Atlantica Sustainable Infrastructure Plc
Atlas Energy Group LLC
Atlas Energy Solutions, Inc.
Atmos Energy Corporation
Attock Petroleum Ltd.
Audax Renovables SA
Aurizon Network Pty Ltd.
Aurora LPG Holding AS
Ausnet Pty Ltd. (Victoria)
AusNet Services Holdings Pty Ltd.
AusTex Oil Ltd.
Australis Oil & Gas Limited
Autobahn Tank & Rast Gruppe GmbH & Co. KG
Avance Gas Holding Ltd.
Avangrid, Inc.
Avista Corporation
AWE Pty Ltd.
AXP Energy Limited
Aygaz AS
B.Grimm Power Public Co. Ltd.
Baker Hughes Company
Baker Hughes Holdings LLC
Baltimore Gas & Electric Co.
Bangchak Corporation Public Company Limited
Bangchak Sriracha Public Company Limited
Bangkok Aviation Fuel Services Public Co., Ltd.
Banpu Power Public Co. Ltd.
Banpu Public Company Limited
Barnwell Industries, Inc.
Bashneft PJSC
Basic Energy Services, Inc.
Baskent Dogalgaz Dagitim Gayrimenkul Yatirim Ortakligi AS
Bathurst Resources Limited
Battalion Oil Corporation
Baytex Energy (LP) Ltd.
Baytex Energy Corp.
Beach Energy Limited
Beijing Energy Investment Holdings Ltd.
Beijing Enterprises Holdings Limited
Beijing Gas Blue Sky Holdings Limited
Beijing Haohua Energy Resource Co., Ltd.
Beijing Jingneng Clean Energy Co., Limited
Beijing Jingneng Power Co., Ltd.
Belgelec Finance SA
Bellis Acquisition Co. Plc
Berkshire Hathaway Energy Co.

Berry Corporation
Berry Petroleum Co. LLC
Bestsun Energy Co., Ltd.
Bestway Marine & Energy Technology Co., Ltd.
Bharat Petroleum Corporation Limited
BHP Billiton Finance (USA) Ltd.
BHP Billiton Finance BV
BHP Billiton Finance Ltd.
BHP Group Limited
Bighorn Permian Resources LLC
Biglari Holdings Inc.
Binh Son Refining & Petrochemical Co. Ltd.
Binhai Investment Company Limited
Birchcliff Energy Ltd.
Bisichi Plc
Bison Merger Sub I LLC
BKW AG
BKW Energie AG
Black Hills Corporation
Black Stone Minerals, L.P.
BlackPearl Resources, Inc.
Blue Racer Finance Corp.
Blue Racer Midstream LLC
Blue Star Helium Limited
BlueNord ASA
Bluewater Energy Services BV
BOA SBL AS
Boardwalk Pipeline Partners LP
Boardwalk Pipelines LP
Bollere SE
Bonavista Energy Corporation
Bonterra Energy Corp.
Borets Finance DAC
Borr Drilling Ltd.
Boston Gas Co.
BOURBON Maritime SASU
Boustead Holdings Berhad
Bowen Coking Coal Limited
BP Capital Markets America, Inc.
BP Capital Markets BV
BP Capital Markets Plc
BP plc
BPRL International Singapore Pte Ltd.
Braskem America Finance Co.
Braskem Finance Ltd.
Braskem Netherlands Finance BV
Braskem SA
Brava Energia
Brickworks Limited
Brightoil Petroleum (Holdings) Ltd.
BRISTOW GROUP INC.
Brooge Energy Limited
Brooge Petroleum & Gas Investment Co. FZE
Brookfield Business Partners LP
Brookfield Infrastructure Corporation
Brookfield Infrastructure Finance LLC
Brookfield Infrastructure Finance ULC
Brookfield Infrastructure Partners LP
Brookside Energy Limited
Bruin E&P Partners LLC
Buckeye Partners, L.P.
Bulgarian Energy Holding EAD
Bumi Armada Berhad
Bumi Investment Pte Ltd.
BW Energy Ltd.
BW Group Ltd.
BW LPG Ltd.
BW Offshore Ltd.
Cactus, Inc.
Cadent Finance Plc
Cadogan Energy Solutions Plc
CalEnergy Generation LLC
Calfrac Holdings LP
Calfrac Well Services Ltd.
California Resources Corporation
Callon Petroleum Company
Calpine Corp.
Calumet, Incorporated
Camber Energy, Inc.
Cameron LNG LLC
Can2 Termik AS
Canacol Energy Ltd.
Canadian Natural Resources Limited
Canadian Utilities Limited
CanAsia Energy Corp.
Canvas Energy, Inc.

Capex SA
Capital Power Corporation
Capitan Investment Ltd.
Capricorn Energy Plc
CARBO Ceramics Inc.
Cardinal Energy Ltd.
Carnarvon Energy Limited
Cenovus Energy Inc.
CenterPoint Energy Resources Corp.
CenterPoint Energy, Inc.
Central Puerto SA
Centrica Plc
CEPSA Finance SAU
Cequence Energy Ltd.
CES Energy Solutions Corp.
CESC Ltd.
CEZ as
CGN New Energy Holdings Co., Ltd.
CH Energy Group, Inc.
ChampionX Corporation
Chandra Prabhu International Ltd.
Channel Infrastructure NZ Limited
Chariot Ltd.
Cheniere Corpus Christi Holdings LLC
Cheniere Energy Partners LP
Cheniere Energy, Inc.
Chennai Petroleum Corporation Limited
Chesapeake Energy Corporation
Chesapeake Utilities Corporation
Cheung Kong Infrastructure Finance (BVI) Ltd.
Chevron Corporation
Chevron U.S.A., Inc.
China Aviation Oil (Singapore) Corp. Ltd.
China Coal Energy Company Limited
China Coal Xinji Energy Co., Ltd.
China Gas Holdings Limited
China High Speed Transmission Equipment Group Co., Ltd.
China HK Power Smart Energy Group Limited
China Huadian Corp., Ltd.
China Huadian Overseas Development 2018 Ltd.
China Huadian Overseas Development Management Co., Ltd.
China Huaneng Group Co., Ltd.
China Huarong Energy Company Limited
China Longyuan Power Group Corp. Ltd.
China Merchants Energy Shipping Co., Ltd.
China National Chemical Corp., Ltd.
China National Petroleum Corp.
China Oil and Gas Group Limited
China Oilfield Services Limited
China Petrochemical Corp.
China Petroleum & Chemical Corporation
China Petroleum Engineering Corp.
China Power Clean Energy Development Company Limited
China Power International Development Limited
China Qinfu Group Limited
China Resources Gas Group Limited
China Resources Power Holdings Co., Ltd.
China Risun Group Ltd.
China Shenhua Energy Company Limited
China Shenhua Overseas Capital Co., Ltd.
China Suntien Green Energy Corporation Limited
China Three Gorges Corp.
Chord Energy Corporation
Chubu Electric Power Co., Inc.
Churchill Mining plc
Cimarex Energy Co.
Cimarex Resolute LLC
CITGO Holding, Inc.
CITGO Petroleum Corp.
CITIC Limited
CITIC Resources Finance [2007] Ltd.
CITIC Resources Holdings Limited
Civitas Resources, Inc.
CK Hutchison Capital Securities [17] Ltd.
CK Hutchison Capital Securities [Europe] Ltd.
CK Hutchison Europe Finance [18] Ltd.
CK Hutchison Europe Finance [21] Ltd.
CK Hutchison Finance [16] (II) Ltd.
CK Hutchison Finance [16] Ltd.
CK Hutchison Group Telecom Finance SA



CK Hutchison Holdings Limited
CK Hutchison International [16] Ltd.
CK Hutchison International [17] II Ltd.
CK Hutchison International [17] Ltd.
CK Hutchison International [19] (II) Ltd.
CK Hutchison International [19] Ltd.
CK Hutchison International [20] Ltd.
CK Hutchison International [21] Ltd.
CK Infrastructure Holdings Limited
CK Power Public Company Limited
Clean Energy Fuels Corp.
Clearway Energy Operating LLC
Clearway Energy, Inc.
Cleco Corporate Holdings LLC
Cloud Peak Energy Inc.
Cloud Peak Energy Resources LLC
CLP Holdings Limited
CMS Energy Corporation
CNAC (HK) Finbridge Co. Ltd.
CNAC (HK) Synbridge Co., Ltd.
CNOOC Curtis Funding No. 1 Pty Ltd.
CNOOC Energy Technology & Services Ltd.
CNOOC Finance [2003] Ltd.
CNOOC Finance [2011] Ltd.
CNOOC Finance [2012] Ltd.
CNOOC Finance [2013] Ltd.
CNOOC Finance [2014] ULC
Cnooc Finance [2015] Australia Pty Ltd.
CNOOC Finance [2015] U.S.A. LLC
CNOOC Limited
CNPC (HK) Overseas Capital Ltd.
CNPC General Capital Ltd.
CNRC Capital Ltd.
CNRC Capitale Ltd.
CNX Midstream Partners LP
CNX Resources Corporation
Coal Energy SA
Coal India Ltd.
Cobalt International Energy, Inc.
Colbun SA
Colonial Pipeline Co.
Colorado Interstate Gas Co. LLC
Comet Ridge Ltd.
Cometa Energia SA de CV
Comision Federal de Electricidad SA de CV
Compagnie de l'Odet SE
Companhia de Gas de Sao Paulo-Comgas
Companhia Paranaense de Energia
Compania Espanola de Petroleos SA
Compania General de Combustibles SA
Comstock Resources, Inc.
Concho Resources Inc.
Concordia Maritime AB
Condor Energies Inc.
Conoco Funding Co.
ConocoPhillips
ConocoPhillips Australia Funding Co.
ConocoPhillips Canada Funding Co. I
ConocoPhillips Canada Funding Co. II
ConocoPhillips Co.
Conoil Plc
CONSOL Energy Inc.
Consolidated Edison Company of New York, Inc.
Consolidated Edison, Inc.
Constellation Energy Corporation
Constellation Energy Generation LLC
Constellation Oil Services Holding SA
Consumers Energy Company
Contact Energy Ltd
Continental Resources, Inc.
ContourGlobal Ltd.
ContourGlobal Power Holdings SA
Conuma Resources Ltd.
Cool Co. Ltd.
Cooper Energy Limited
Core Laboratories Inc.
Coronado Global Resources Inc.
Corporacion de Reservas Estrategicas
Productos Petroliferos
Corral Petroleum Holdings AB
Corsa Coal Corp.
Cosan Finance Ltd.
Cosan Luxembourg SA
Cosan Overseas Ltd.
Cosan SA

COSCO SHIPPING Energy Transportation Co., Ltd.
COSL Finance [BVI] Ltd.
COSL Singapore Capital Ltd.
Cosmo Energy Holdings Co., Ltd.
Cosmo Oil KK
Coterra Energy Inc.
Covey Park Energy LLC
Covia Holdings LLC
CQP Holdco LP
Crescent Energy Company
Crestwood Equity Partners LP
Crew Energy Inc.
CrownRock LP
CSI Compressco LP
CU, Inc.
Cubility AS
Cumberland Farms, Inc.
CVR Energy, Inc.
CVR Refining LLC
CVR Refining LP
Cydsa SAB de CV
Czech Gas Networks Investments SARL
Daimaru Enawin Co., Ltd.
Daldrup & Soehne AG
Dalipal Holdings Limited
D'Amico International Shipping SA
Dana Gas PJSC
Dana Gas Sukuk Ltd.
Datang International Power Generation Co., Ltd.
Dawson Geophysical Company
Dayang Enterprise Holdings Bhd.
DCC plc
DCP Midstream LP
DCP Midstream Operating LP
DEA Finance SA
Deep Drilling 1 Pte Ltd.
Delek & Avner-Yam Thetis Ltd.
Delek Energy Systems Ltd.
Delek Group Ltd.
Delek Logistics Finance Corp.
Delek Logistics Partners LP
Delek Overriding Royalty Leviathan Ltd.
Delek US Energy, Inc.
Delek US Holdings, Inc.
Deleum Bhd.
Delmarva Power & Light Co.
Delta Natural Gas Co., Inc.
Delta Oil & Gas, Inc.
Denbury, Inc.
Devon Energy Corporation.
Devon Financing Corp. ULC
Dexon Technology Public Co., Ltd.
DHT Holdings, Inc.
DIALOG Group Berhad
Diamond Offshore Drilling, Inc.
Diamond S Shipping, Inc.
Diamondback Energy, Inc.
Direct Energie SA
Diversified Energy Co. Plc
DMC Global Inc.
DMCI Holdings, Inc.
DNO ASA
DNO North Sea Plc
DOF ASA
DOF Group ASA
DOF Subsea AS
Dogan Sirketler Grubu Holding AS
Dolphin Group ASA
Dominion Energy, Inc.
Dominion Resources Capital Trust I
Dominion Resources Capital Trust III
Dommo Austria GmbH
Dommo Energia SA
Dorchester Minerals, L.P.
Dorian LPG Ltd.
DT Midstream, Inc.
DTE Electric Co.
DTE Energy Company
Dubai Electricity & Water Authority
Duke Energy Carolinas LLC
Duke Energy Corporation
Duke Energy Florida LLC
Duke Energy Florida Project Finance LLC
Duke Energy Ohio, Inc.

Dwellop AS
Dynegy Finance I, Inc.
E.A. Technique [M] Berhad
E.ON International Finance BV
E.ON SE
E1 Corp.
Eagle Energy Inc.
EARTH INFINITY CO. LTD.
Earthstone Energy, Inc.
Eastcomtrans LLP
Eastern Energy Gas Holdings LLC
Eastern Gas Transmission & Storage, Inc.
E-Commodities Holdings Limited
Ecopetrol SA
Ecora Resources Plc
EDC Finance DAC
Edison Spa
EDP Finance BV
EDP-Energias de Portugal SA
EER Finance, Inc.
Eesti Energia AS
EG Global Finance Plc
EG Group Ltd.
Egypt Kuwait Holding Co. SAE
Eidesvik Offshore ASA
El Paso Electric Company
El Paso Energy Capital Trust I
EL5-Energio PJSC
Electric Power Development Co., Ltd.
Electricite de France SA
Electricity Generating Public Company Limited
Electricity Supply Board Ltd.
ElectroMagnetic GeoServices ASA
Elering AS
Eletson Holdings, Inc.
Elion Energy Co., Ltd.
Elomay Capital Ltd.
Elwood Energy LLC
Emera Incorporated
Empire Petroleum Corporation
Empresa Electrica Angamos SA
Empresa Nacional del Petroleo SA
Empresas Copec SA
Empresas Lipigas SA
Empresas Publicas de Medellin ESP
Enable Midstream Partners LP
Enagas Financiaciones SA
Enagas SA
Enauta Participacoes SA
Enbridge Energy Management LLC
Enbridge Energy Partners LP
Enbridge Gas, Inc.
Enbridge Inc.
Enbridge Pipelines, Inc.
EnBW Energie Baden Wuerttemberg AG
ENBW International Finance BV
EnCana Holdings Finance Corp.
Endeavor Energy Resources LP
Endesa SA
ENEA SA
Enefit Green AS
Enel Americas SA
Enel Chile SA
Enel Generacion Chile SA
ENEOS Holdings, Inc.
Enerflex Ltd.
Energia Finance AB
Energia SA
Energean Plc
Energen Corp.
Energeticky a prumyslovny holding as
Energia Group Ltd.
Energia Group NI FinanceCo Plc
Energia Group NI Holdings Ltd.
Energie AG Oberoesterreich
Energijos Skirstymo Operatorius AB
Energy Earth Public Company Limited
Energy Resources LLC
Energy Transfer LP
Energy Transfer Operating LP
Energy Ventures GOM LLC
Energy World Corp. Ltd.
Enerplus Corporation
Enerya Enerji AS
e-netz Suedhessen AG
Eneva SA



Enexis Holding NV
ENGIE Brasil Energia SA
Engie Energia Chile SA
ENGIE Energia Peru SA
ENGIE SA
Engro Corporation Limited
Eni Finance International SA
Eni SpA
Eni USA, Inc.
Enka Insaat ve Sanayi AS
EnLink Midstream Finance Corp.
EnLink Midstream LLC
EnLink Midstream Partners LP
ENN Clean Energy International Investment Ltd.
ENN Energy Holdings Limited
ENN Natural Gas Co., Ltd.
EnQuest PLC
Enservco Corporation
Ensign Drilling, Inc.
Ensign Energy Services Inc.
Enteq Technologies Plc
Entergy Arkansas LLC
Entergy Corporation
Entergy Louisiana LLC
Entergy Utility Affiliates LLC
Entergy Utility Property, Inc.
Enterprise Products Operating LLC
Enterprise Products Partners LP
EOG Resources, Inc.
EP Energy as
EP Energy Corporation
EP Energy LLC
EP Infrastructure as
EPH Financing International as
Epsilon Energy Ltd.
EQM Midstream Partners, LP
EQT Corporation
Equinor ASA
Equital Ltd.
Equitrans Midstream Corporation
Erdoel-Lagergesellschaft mbH
Erin Energy Corp.
Ervia
ESB Finance DAC
Esentia Gas Enterprises S de RL de CV
Eskom Holdings SOC Ltd.
Essar Energy Ltd.
Essential Utilities, Inc.
Esso
Etablissements Maurel & Prom SA
ETC Sunoco Holdings LLC
Eterna Capital Pte Ltd.
Eterna Plc
Eurasia Drilling Co. Ltd.
Euronav MI II, Inc.
Euronav NV
eustream as
Every Kansas Central, Inc.
Every, Inc.
Eversource Energy
EVN AG
Evolution Petroleum Corporation
Evolve Transition Infrastructure LP
EWE AG
Excelerate Energy, Inc.
EXCO Resources, Inc.
Exillon Energy plc
EXLP Finance Corp.
EXMAR NV
Expro Group Holdings N.V.
EXTERRAN CORPORATION
Exterran Energy Solutions LP
Extraction Oil & Gas, Inc.
Exxaro Resources Ltd.
Exxon Mobil Corporation
FAR Limited
Feishang Anthracite Resources Limited
Ferrellgas Finance Corp.
Ferrellgas LP
Ferrellgas Partners, L.P.
Fieldpoint Petroleum Corp.
First Gen Corporation
First Pacific Company Limited
First Philippine Holdings Corporation
FirstEnergy Corp.

FLEX LNG Ltd.
Floatel International Ltd.
Floene Energias SA
Florida Gas Transmission Co. LLC
Florida Power & Light Co.
Fluvius System Operator CV
Fluxys Belgium SA
Fluxys SA
Foran Energy Group Co., Ltd.
Forbes Energy Services Ltd.
Foresight Energy LLC
Foresight Energy LP
Formosa Petrochemical Corp.
Formosa Taffeta Co., Ltd.
Fortis Inc.
Fortum Oyj
Forum Energy Technologies, Inc.
Franco-Nevada Corporation
Freehold Royalties Ltd.
Friedrich Vorwerk Group SE
Frontera Energy Corporation
Frontline 2012 Ltd.
Frontline Plc
FTS International, Inc.
Fuji Kosan Co., Ltd.
Fuji Oil Co., Ltd. /5017/
Fujian Funeng Co., Ltd.
Fulcrum Utility Services Ltd.
Fundacion Bancaria Caixa d'Estalvis i Pensions de Barcelona
GAIL (India) Limited
Gallant Venture Ltd.
Galp Energia SGPS SA
Gansu Energy Chemical Co., Ltd.
Gas Malaysia Berhad
Gas Natural de Lima y Callao SA
Gas Networks Ireland
GasLog Ltd.
GasLog Partners LP
Gastar Exploration LLC
Gaz Capital SA
Gaz Finance Plc
Gazprom Neft PJSC
Gazprom PJSC
Gazpromneft-Moscow Refinery OJSC
Gaztransport & Technigaz SA
GC Treasury Center Co., Ltd.
GD Power Development Co., Ltd.
GEK Terna SA
Genel Energy Plc
Genesis Energy Finance Corp.
Genesis Energy Limited
Genesis Energy LP
Genie Energy Ltd.
Genneia SA
Genting Berhad
Geo Coal International Pte Ltd.
Geo Energy Resources Limited
GeoPark Limited
Georgia Power Co.
Georgian Oil & Gas Corp. Ltd.
Geospace Technologies Corporation
Gestion Securite de Stocks Securite SA
Gibson Energy Inc.
GL Limited
Glencore Capital Finance DAC
Glencore Finance (Canada) Ltd.
Glencore Finance (Europe) Ltd.
Glencore Funding LLC
Glencore plc
Global Partners LP
Global Power Synergy Public Company Limited
Glow Energy Public Company Limited
GMR Power & Urban Infra Ltd.
GOHL Capital Ltd.
GOIL Plc
Golar LNG Limited
Golar LNG Partners LP
Golden Energy and Resources Limited
Golden Energy Offshore AS
Goodrich Petroleum Corporation
GPN Capital SA
Gran Tierra Energy Inc.
Gran Tierra Energy International Holdings Ltd.
Grandblue Environment Co., Ltd.
Granite Oil Corp.

Granite Ridge Resources, Inc.
Great River Energy
Great Western Petroleum LLC
Greenidge Generation Holdings Inc.
Grizzly Energy LLC
Groupement d'Interet Economique ENGIE Alliance
Grupo Energia Bogota SA ESP
GS Caltex Corp.
GS Holdings Corp.
Guangdong Baolihua New Energy Stock Co., Ltd.
Guangdong Electric Power Development Co., Ltd.
Guangdong Investment Limited
Guangdong Zhongnan Iron & Steel Co., Ltd.
Guanghui Energy Co., Ltd.
Guangxi Guiguan Electric Power Co., Ltd.
Guangzhou Development Group, Inc.
Guizhou Panjiang Refined Coal Co., Ltd.
Gujarat Gas Ltd.
Gujarat Mineral Development Corporation Limited
Gujarat State Petronet Limited
Gulf Energy Development Public Company Limited
Gulf International Services QSC
Gulf Island Fabrication, Inc.
Gulf Keystone Petroleum Ltd.
Gulf Marine Services plc
Gulf South Pipeline Co. LLC
Gulfport Energy Corporation
Gulfsands Petroleum Plc
GVK Power & Infrastructure Limited
Hafnia Ltd.
Haimo Technologies Group Corp.
Hallador Energy Company
Halliburton Company
HANJIN HEAVY INDUSTRIES & CONSTRUCTION HOLDINGS Co., Ltd.
Hanwa Co., Ltd.
Harbour Energy Plc
Hargreaves Services plc
Harvest Oil & Gas Corp.
Harvest Operations Corp.
Havila Shipping ASA
Hawaiian Electric Industries, Inc.
HD HYUNDAI Co., Ltd.
HD Hyundai Marine Solution Co., Ltd.
Headwater Exploration Inc.
Helix Energy Solutions Group, Inc.
Hellenic Petroleum Finance Plc
HELLENiQ ENERGY Holdings SA
Helmerich & Payne, Inc.
Henan Shenhua Coal Industry & Electricity Power Corp. Ltd.
Henan Zhongfu Industrial Co., Ltd.
Henderson Land Development Company Limited
Hengli Petrochemical Co., Ltd.
Hengyuan Refining Company Berhad
Henson Finance Ltd.
Hera SpA
Hermitage Offshore Services Ltd.
Hero Asia Investment Ltd.
Hess Corporation
Hess Infrastructure Partners LP
Hess Midstream LP
Hess Midstream Operations LP
HF Sinclair Corporation
Hibiscus Petroleum Berhad
Hi-Crush Inc.
Hidili Industry International Development Limited
High Arctic Energy Services Inc.
High Peak Royalties Limited
HighPeak Energy, Inc.
HighPoint Operating Corp.
HighPoint Resources Corporation
Hilcorp Energy I LP
Hilong Holding Ltd.
Hindustan Petroleum Corporation Limited
Hiroshima Gas Co., Ltd.
HK Electric Investments & HK Electric Investments Ltd.
HKCG (Finance) Ltd.



HKN Energy Ltd.	Interstate Power & Light Co.	Korea Gas Corp.
Hoegh Evi Ltd.	Investment Corp. of Dubai	Korea National Oil Corp.
Hokkaido Electric Power Co., Inc.	ION Geophysical Corporation	KOSMOS ENERGY LTD.
Hokkaido Gas Co., Ltd.	IPALCO Enterprises, Inc.	Kot Addu Power Co. Ltd.
Hokuriku Electric Power Co.	IPIC GMTN Ltd.	Kreuz Holdings Ltd.
Holly Energy Partners, L.P.	Iren SPA	KrisEnergy Ltd.
Honghua Group Ltd.	Irkutskenergo JSC	KSK Power Venture Plc
Hopewell Holdings Ltd.	Iron Bridge Resources, Inc.	Kukdong Oil & Chemicals Co., Ltd.
Horizon Oil Limited	IRPC Public Company Limited	KunLun Energy Company Limited
Hornbeck Offshore Services, Inc.	Island Offshore Shipholding LP	Kuwait Energy Plc
Hosken Consolidated Investments Ltd.	Israel Electric Corp. Ltd.	Kuzbasskaya Toplivnaya Kompaniya PJSC
Houston American Energy Corp.	Isramco Negev 2 LP	Kvaerner ASA
HPCL-Mittal Energy Ltd.	Isramco, Inc.	Kyoei Tanker Co., Ltd.
Hrvatska Elektroprivreda dd	Italgas Spa	KyungDong Invest Co., Ltd.
Huadian Energy Co., Ltd.	Italmobiliare SpA	Kyushu Electric Power Co., Inc.
Huadian Power International Corp. Ltd.	Ithaca Energy Plc	Lamprell Plc
Huaibei Mining Holdings Co., Ltd.	Itochu Corp.	Lanka IOC PLC
Huaneng Hong Kong Capital Ltd.	ITOCHU ENEX CO., LTD.	Latina Offshore Holding Ltd.
Huaneng Power International, Inc.	Iwatani Corp.	Latvenergo AS
Hubei Energy Group Co., Ltd.	Izdemir Enerji Elektrik Uretim AS	Lea Power Partners LLC
Hunter Group ASA	Izmir Demir Celik Sanayi AS	Legacy Reserves LP
Hunting Plc	J.O.E.L. Jerusalem Oil Exploration Ltd.	Leucrotta Exploration Inc.
Hutchison Whampoa Europe Finance [12] Ltd.	Jagged Peak Energy LLC	LG&E & KU Energy LLC
Hutchison Whampoa Europe Finance [13] Ltd.	Jaiprakash Power Ventures Limited	Liaoning Cheng Da Co., Ltd.
Hutchison Whampoa Finance [03/13] Ltd.	Japan Drilling Co., Ltd.	Liberty Energy Inc.
Hutchison Whampoa Finance [05] Ltd.	Japan Oil Transportation Co., Ltd.	Liberty Utilities Co.
Hutchison Whampoa Finance [06] Ltd.	Japan Petroleum Exploration Co., Ltd.	Liberty Utilities Finance GP1
Hutchison Whampoa Finance [09] Ltd.	Jardine Cycle & Carriage Limited	Lilis Energy, Inc.
Hutchison Whampoa Finance [14] Ltd.	Jardine Matheson Holdings Ltd.	Lime Petroleum AS
Hutchison Whampoa Finance [CI] Ltd.	Jardine Strategic Ltd.	Linea Group Holding SpA
Hutchison Whampoa Finance UK Plc	Jastrzebska Spolka Weglowa SA	Liquefied Natural Gas Limited
Hutchison Whampoa International [03/33] Ltd.	Jiangsu Expressway Company Limited	Listrindo Capital BV
Hutchison Whampoa International [09] Ltd.	Jiangsu Guoxin Corp. Ltd.	LLPL Capital Pte Ltd.
Hutchison Whampoa International [09/16] Ltd.	Jiangxi Hongcheng Environment Co., Ltd.	Loews Corporation
Hutchison Whampoa International [09/19] Ltd.	Jinneng Holding Shanxi Coal Industry Co., Ltd.	Lonestar Resources America, Inc.
Hutchison Whampoa International [10] Ltd.	Jinneng Holding Shanxi Electric Power Co., Ltd.	Lonestar Resources US, Inc.
Hutchison Whampoa International [11] Ltd.	Jinneng Science & Technology Co., Ltd.	Lopez Holdings Corporation
Hutchison Whampoa International [12] Ltd.	Jizhong Energy Resources Co., Ltd.	Louisville Gas & Electric Co.
Hutchison Whampoa International [14] Ltd.	JKX Oil & Gas Ltd.	Lubelski Wegiel BOGDANKA SA
Hutchison Whampoa International 12 II Ltd.	John Sevier Combined Cycle Generation LLC	Lucky Cement Ltd.
HYUNDAI Corp.	John Wood Group Plc	Luenmei Quantum Co., Ltd.
Iberpapel Gestion SA	Jointo Energy Investment Co., Ltd. Hebei	LUKOil International Finance BV
Icahn Enterprises Finance Corp.	Jonah Energy LLC	LX International Corp.
Icahn Enterprises LP	Jones Energy Finance Corp.	LYB International Finance BV
ICD Funding Ltd.	Jones Energy Holdings LLC	LYB International Finance II BV
ICD Sukuk Co. Ltd.	Jones Energy II, Inc.	LYB International Finance III LLC
Icon Offshore Bhd.	Jones Energy, Inc.	LyondellBasell Industries N.V.
IDACORP, Inc.	Journey Energy Inc.	Macquarie Infrastructure Holdings, LLC
Idemitsu Kosan Co., Ltd.	JSW Energy Limited	Madrikena Red de Gas Finance BV
IE2 Holdco SAU	Jutal Offshore Oil Services Ltd.	Madrikena Red de Gas SAU
IFM [US] Colonial Pipeline 2 LLC	K N Capital Trust III	Magellan Midstream Partners, L.P.
IG Seismic Services Ltd.	K&O Energy Group, Inc.	Magnolia Oil & Gas Corporation
Ignitis grupe AB	Kallpa Generacion SA	Magnolia Oil & Gas Operating LLC
Imperial Oil Limited	Kangaroo Resources Pty Ltd.	Magnora ASA
IMSK SE	Karoon Energy Ltd.	Magseis Fairfield ASA
INA-Industrija nafte dd	KazMunaiGas Exploration Production JSC	Maha Energy AB
Independence Contract Drilling, Inc.	KazMunaiGaz Finance Sub BV	Mahanagar Gas Limited
Indian Oil Corporation Limited	K-Electric Ltd.	Majapahit Holding BV
Indiana Michigan Power Co.	Kelt Exploration Ltd.	Malakoff Corporation Berhad
Indigo Natural Resources LLC	KENON HOLDINGS LTD.	Malaysia Marine & Heavy Engineering Holdings Bhd.
Indika Energy Capital III Pte Ltd.	Keppel Infrastructure Trust	Mammoth Energy Services, Inc.
Indo Energy Finance BV	Key Energy Services, Inc.	Mamoura Diversified Global Holding PJSC
Indo Energy Finance II BV	Keyera Corp.	Mangalore Refinery & Petrochemicals Ltd.
Indo Integrated Energy II BV	Keyfield International Bhd.	Manila Electric Co.
Indraprastha Gas Limited	KeySpan Gas East Corp.	Manitok Energy, Inc.
Indus Gas Ltd.	Kimbell Royalty Partners LP	Marathon Oil Corporation
Infraestructura Energetica Nova SAB de CV	Kimou Environmental Holding Limited	Marathon Petroleum Corporation
Inner Mongolia Dian Tou Energy Corp. Ltd.	Kinder Morgan Energy Partners LP	Mari Petroleum Co. Ltd.
Inner Mongolia ERDOS Resources Co., Ltd.	Kinder Morgan Finance Co. LLC	Maridive & Oil Services SAE
Inner Mongolia Junzheng Energy & Chemical Group Co., Ltd.	Kinder Morgan Management LLC	Marine & General Berhad
Inner Mongolia Mengdian Huaneng Thermal Power Corp. Ltd.	Kinder Morgan, Inc.	MarkWest Energy Finance Corp.
Inner Mongolia Yitai Coal Co., Ltd.	Kinetic Development Group Limited	MarkWest Energy Partners LP
Inner Mongolia Yuan Xing Energy Co., Ltd.	Kinetik Holdings Inc.	Martin Midstream Partners LP
innogy Finance BV	Kingsland Energy Corp.	Marubeni Corp.
Innovex International, Inc.	Kiwetinohk Energy Corp.	Matador Resources Company
INPEX Corp.	KLX Energy Services Holdings, Inc.	Matrr Corp.
InPlay Oil Corp.	KNM Group Berhad	Maverick Natural Resources LLC
Inter Pipeline Ltd.	Kobe Steel, Ltd.	MC Finance Australia Pty Ltd.
Inter RAO UES PJSC	Koc Holding A.S.	MC Mining Limited
InterGen NV	Kodiak Gas Services, Inc.	McCoy Global Inc.
International Airport Finance SA	KOKS Finance DAC	MDGH-GMTN BV
International Petroleum Corporation	Koks PJSC	MDU Resources Group, Inc.
International Seaways, Inc.	Kolibri Global Energy Inc.	Mechel PAO
Interoil Exploration & Production ASA	Korea District Heating Corp.	Medco Oak Tree Pte Ltd.
	Korea East-West Power Co., Ltd.	Medco Platinum Road Pte Ltd.
	Korea Electric Power Corp.	



Medco Strait Services Pte Ltd.	Newcastle Coal Infrastructure Group Pty Ltd.	Oleoducto Central SA
MEG Energy Corp.	Newmed Energy LP	Olympic Subsea KS
Mega Advance Investments Ltd.	NewOcean Energy Holdings Limited	OMV AG
Meiwa Corp.	Newpark Resources, Inc.	OMV Petrom SA
Memorial Production Finance Corp.	NextDecade Corporation.	ONE Gas, Inc.
Mesquite Energy, Inc.	NextEra Energy Capital Holdings, Inc.	ONEOK Partners LP
Metinvest BV	NextEra Energy Operating Partners LP	ONEOK, Inc.
Metlen Energy & Metals SA	NextEra Energy Partners, LP	ONGC Videsh Ltd.
Metro Pacific Investments Corporation	NextEra Energy, Inc.	ONICO SA
Mexico Generadora de Energia S de RL	NexTier Oilfield Solutions Inc.	Ontario Power Generation, Inc.
MGE Energy, Inc.	NGG Finance Plc	OPC Energy Ltd.
MidAmerican Energy Co.	NGL Energy Partners LP	OPE KAG Finance Sub, Inc.
MidAmerican Funding LLC	NGPL PipeCo LLC	Operateur de reseaux denegies SCRL
Midcontinent Express Pipeline LLC	Niko Resources Ltd.	Ophir Energy Ltd. (United Kingdom)
Midland Cogeneration Venture LP	Nine Energy Service, Inc.	OPUS GLOBAL Nyrt.
MIE Holdings Corporation	Ningxia Baofeng Energy Group Co., Ltd.	Orazul Energia Peru S.A.C
MIND Technology, Inc.	Nippon Coke & Engineering Co., Ltd.	Organizacion Terpel SA
Mississippi Power Co.	Nippon Express Holdings, Inc.	Oriental Energy Co., Ltd.
Mitani Corp.	Nippon Gas Co., Ltd. [8174]	Origin Energy Finance Ltd.
Mitsubishi Corp.	NiSource Inc.	Origin Energy Limited
Mitsui & Co., Ltd.	NLC India Ltd.	ORLEN Capital AB
Mitsui Matsushima Holdings Co., Ltd.	Noble Corporation plc	ORLEN SA
Mitsuuroko Group Holdings Co., Ltd.	Noble Energy, Inc.	ORLEN Unipetrol as
M.JL Bangladesh Plc	Nordic American Tankers Limited	Orsknefteorgsintez PJSC
MMA Offshore Limited	Norshore Atlantic BV	Orygen Peru SAA
MNRL Sub, Inc.	Nortegas Energia Distribucion SA	Osaka Gas Co., Ltd.
Mo-BRUK SA	North American Construction Group Ltd.	OSX Brasil SA
MODEC, Inc.	North Atlantic Drilling Ltd.	Otter Tail Corporation
MOL Group Finance SA	North Energy ASA	Otto Energy Limited
MOL Hungarian Oil & Gas Plc	North Huajin Chemical Industries Co., Ltd.	Overseas Shipholding Group, Inc.
Molecular Energies Plc	North Queensland Export Terminal Pty Ltd.	Ovintiv Canada ULC
Molopo Energy Limited	North West Redwater Partnership, Inc.	Ovintiv Exploration, Inc.
Mongolia Energy Corporation Limited	Northern Drilling Ltd.	Ovintiv Inc.
Mongolian Mining Corporation	Northern Electric Finance Plc	OW Bunker A/S
Monongahela Power Co.	Northern Gas Networks Finance Plc	PACC Offshore Services Holdings Ltd.
Mosenergo DAO	Northern Gas Networks Ltd.	Pacific Drilling First Lien Escrow Issuer Ltd.
Moss Creek Resources Holdings, Inc.	Northern Natural Gas Co.	Pacific Drilling SA
Motiva Enterprises LLC	Northern Ocean Ltd.	Pacific Drilling V Ltd.
Motor Oil (Hellas) Corinth Refineries SA	Northern Oil and Gas, Inc.	Pacific Energy Limited
MPC Energy Solutions NV	Northern Powergrid Holdings Co.	Pacific Gas and Electric Company
MPLX LP	Northern States Power Co.	Pacific Radiance Ltd.
MSU Energy SA	Northland Power Inc.	PacifiCorp
Murphy Oil Corporation	North-Star International Co., Ltd.	Padma Oil Co. Ltd.
Murphy Oil USA, Inc.	Northwest Natural Gas Co.	Painted Pony Energy Ltd.
Murphy USA Inc.	Northwest Natural Holding Co.	Pakistan Oilfields Ltd.
Murray Energy Corporation	Northwest Pipeline LLC	Pakistan Petroleum Ltd.
MVV Energie AG	NorthWestern Energy Group, Inc.	Pakistan State Oil Co. Ltd.
Mytilineos Financial Partners SA	Nostrum Oil & Gas Finance BV	Pampa Energia SA
Nabors Industries Ltd.	Nostrum Oil & Gas Plc	Pan American Energy SL
NACCO Industries, Inc.	NOV Inc.	Panhandle Eastern Pipe Line Co. LP
Naftogaz of Ukraine NJSC	Novatek Finance DAC	Panoche Energy Center LLC
Naphtha Israel Petroleum Corp. Ltd.	NOVATEK JSC	Panoro Energy ASA
National Company KazMunayGas JSC	NRG Energy, Inc.	Pantheon Resources plc
National Energy Services Reunited Corp.	NSG Holdings II LLC	Par Pacific Holdings, Inc.
National Fuel Gas Company	NTPC Limited	Paragon Offshore plc
National Gas & Industrialization Co.	NuStar Energy L.P.	Paramount Resources Ltd.
National Gas Transmission Plc	NuStar Logistics LP	Paratus Energy Services Ltd.
National Grid North America, Inc.	Nuverra Environmental Solutions, Inc.	Parex Resources Inc.
National Grid Plc	NuVista Energy Ltd.	Park Elektrik Uretim Madencilik Sanayi ve
National Petroleum Co., Ltd.	NV Energy, Inc.	Ticaret AS
National Power Corp. (Philippines)	NWF Group Plc	Parker Drilling Co.
National Refinery Ltd.	Qando Plc	Parkland Corporation
Natural Gas Services Group, Inc.	Obsidian Energy Ltd.	Parsley Energy LLC
Natural Resource Partners LP	Occidental Petroleum Corporation	Parsley Energy LP
Naturelgaz Sanayi ve Ticaret AS	Ocean Yield AS	Parsley Energy, Inc.
Naturgy Capital Markets SA	Oceaneering International, Inc.	Pason Systems Inc.
Naturgy Energy Group SA	OCI Holdings Co. Ltd.	Patterson-UTI Energy, Inc.
Naturgy Finance BV	OCV Recovery AS	Paz Oil Co. Ltd.
Nava Limited	Odas Elektrik Uretim Sanayi Ticaret AS	PBF Energy Inc.
Navigator Holdings Ltd.	Odfjell Drilling Ltd.	PBF Holding Co. LLC
Navios Maritime Acquisition Corporation	Odfjell Technology Ltd.	PBF Logistics LP
Navios South American Logistics, Inc.	Offshore Drilling Holding SA	PC Financial Partnership
Nayara Energy Ltd.	Offshore Oil Engineering Co., Ltd.	Peabody Energy Australia PCI Pty Ltd.
NCS Multistage Holdings, Inc.	OGE Energy Corp.	Peabody Energy Corporation
Nederlandse Gasunie NV	Oglethorpe Power Corp.	PECO Energy Co.
Neova Oy	Oil & Gas Development Co. Ltd.	PEDEVCO Corp.
Neptune Energy Bondco Plc	Oil & Natural Gas Corp. Ltd.	Pembina Pipeline Corporation
Neptune Energy Group Ltd.	Oil Co. LUKOIL PJSC	Pemex Project Funding Master Trust
Neste Corp.	Oil India Limited	Pengrowth Energy Corporation
NET4GAS sro	Oil Refineries Ltd.	Perak Transit Berhad
NeuRizer Ltd	Oil Search Ltd.	Perdana Petroleum Berhad
Nevada Power Co.	Oil States International, Inc.	Perennial Energy Holdings Limited
New Fortress Energy Inc.	OKEA ASA	Permian Resources Corporation
New Hope Corporation Limited	Okeanis Eco Tankers Corp.	Permian Resources Operating LLC
New Jersey Resources Corporation	Oklahoma Gas & Electric Co.	Perpetual Energy Inc.
New York State Electric & Gas Corp.	Old ANR LLC	Peru LNG SRL



Petmin Ltd.
Petra Energy Bhd.
Petro River Oil Corp.
Petro Welt Technologies AG
Petrobras Global Finance BV
Petrobras International Finance Co.
Petroceltic International Ltd. (Ireland)
PetroChina Company Limited
Petrofac Ltd.
Petrol dd Ljubljana
Petroleo Brasileiro SA
Petroleos de Venezuela SA
Petroleos Del Peru - Petroperu SA
Petroleos Mexicanos EPE
Petrolia SE
Petroliam Nasional Bhd.
Petrolina (Holdings) Public Ltd.
Petrolympic Ltd.
Petron Corp.
Petron Malaysia Refining & Marketing Bhd.
PETRONAS Capital Ltd.
PETRONAS Dagangan Berhad
PETRONAS Gas Berhad
Petronas Global Sukuk Ltd.
Petronet Lng Limited
Petronor E&P ASA
PetroQuest Energy, Inc.
Petroreconcavo SA
Petrosibir AB
PetroTal Corp.
Petroteq Energy Inc.
PetroVietnam Drilling & Well Services JSC
Petrovietnam Gas JSC
Petrovietnam Power Corp.
PetroVietnam Power Nhon Trach 2 JSC
PetroVietnam Technical Services Corp.
Petrovietnam Transportation Corp.
Peyto Exploration & Development Corp.
PG&E Corporation
PG&E Wildfire Recovery Funding LLC
PGE Polska Grupa Energetyczna SA
PGE Sweden AB
PGNiG Finance AB
PGS ASA
Pharos Energy Plc
PHBS Ltd.
PHI Aviation LLC
Phillips 66
Phillips 66 Partners LP
Phoenix Global Resources Ltd.
PHX Energy Services Corp.
PHX Minerals Inc.
Pine Cliff Energy Ltd.
Ping Petroleum UK Plc
Pingdingshan Tianan Coal Mining Co., Ltd.
Pinnacle West Capital Corporation
Pioneer Energy Services Corp.
Pioneer Natural Resources Company
PKM Canada Ltd.
Plains All American Pipeline, L.P.
Plains GP Holdings, L.P.
Polenergia SA
Polskie Gornictwo Naftowe i Gazownictwo SA
Polytec Asset Holdings Limited
Portland General Electric Company
POSCO Future M Co., Ltd.
Power Assets Holdings Limited
PPL Capital Funding, Inc.
PPL Corporation
Prairie Provident Resources, Inc.
PrairieSky Royalty Ltd.
Prax Upstream Ltd.
Precision Drilling Corporation
Preem Holding AB
Press Corporation Plc
Prima Marine Public Company Limited
PrimeEnergy Resources Corporation
PRIO SA
Productive Technologies Company Limited
Profire Energy, Inc.
ProFrac Holding Corp.
Promigas SA ESP
ProPetro Holding Corp.
Prosafe SE
PSEG Power LLC
PT ABM Investama Tbk

PT Adaro Energy Indonesia Tbk
PT Adaro Indonesia
PT Adaro Minerals Indonesia
PT AKR Corporindo Tbk
PT Alfa Energi Investama Tbk
PT Astra International Tbk
PT Bayan Resources Tbk
PT Berau Coal Energy
PT Borneo Lumbung Energi & Metal
PT Bukit Asam Tbk
PT Bukit Makmur Mandiri Utama
PT Bumi Resources Tbk
PT Cikarang Listrindo Tbk
PT Delta Dunia Makmur Tbk
PT Dian Swastatika Sentosa Tbk
PT Elnusa Tbk
PT Energi Mega Persada Tbk
PT ESSA Industries Indonesia Tbk
PT Golden Eagle Energy TBK
PT Golden Energy Mines Tbk
PT Harum Energy Tbk
PT Indika Energy Tbk
PT Indo Tambangraya Megah Tbk
PT Indomobil Sukses Internasional Tbk
PT Indonesia Asahan Aluminium (Persero)
PT Kawasan Industri Jababeka Tbk
PT Krakatau Steel (Persero) Tbk
PT Medco Energi Internasional Tbk
PT MNC Asia Holding Tbk
PT Pelayaran Tamarin Samudra Tbk
PT Pertamina (Persero)
PT Perusahaan Gas Negara Tbk
PT Perusahaan Listrik Negara (Persero)
PT Petrindo Jaya Kreasi Tbk
PT Rukun Raharja Tbk
PT Saka Energi Indonesia
Pt Sugih Energy Tbk
PT Timah Tbk
PT Trada Alam Minera Tbk
PT United Tractors Tbk
PTG Energy Public Co. Ltd.
PTT Exploration and Production Public Company Limited
PTT Global Chemical Plc
PTT Oil and Retail Business Public Company Limited
PTT Public Co., Ltd.
PTTEP Canada International Finance Ltd.
PTTEP Treasury Center Co., Ltd.
Public Power Corp. Finance Plc
Public Power Corp. SA
Public Service Company of Colorado
Public Service Company of New Mexico
Public Service Electric & Gas Co.
Public Service Enterprise Group Incorporated
Puget Energy, Inc.
Puget Sound Energy, Inc.
PXP Energy Corporation
PAA Finance Corp.
Qalaa For Financial Investments (S.A.E.)
Qatar Electricity & Water Co.
Qatar Fuel-Woqod QSC
Qatar Gas Transport Co.
QatarEnergy LNG S[1]
QazaqGaz National Co. JSC
QEP Resources, Inc.
Questerre Energy Corporation
Quinenco SA
Quintana Energy Services, Inc.
Rabigh Refining & Petrochemical Co.
Raffinerie Heide GmbH
Raizen Energia SA
Raizen Fuels Finance SA
Raizen SA (Brazil)
Ramaco Resources, Inc.
Range Resources Corporation
Ranger Energy Services, Inc.
Ranger Oil Corporation
Ranhill Utilities Bhd.
RATCH Group Public Co., Ltd.
Rattler Midstream LP
Reach Energy Berhad
Reach Subsea ASA
Red Oak Power LLC
Redes Energeticas Nacionais SGPS SA
Redexis Gas Finance BV

Redexis SAU
Refineria La Pampilla SAA
Refrigeration Electrical Engineering Corp.
Regency Energy Finance Corp.
Regency Energy Partners LP
Reliance Holding USA, Inc.
Reliance Industries Ltd.
Reliance Infrastructure Limited
Reliance Power Limited
REN Finance BV
Repsol International Finance BV
Repsol SA
Rex Energy Corp.
Rex International Holding Limited
RGC Resources, Inc.
Rhino Resource Partners LP
Ridgebury Crude Tankers LLC
Riley Exploration Permian, Inc.
Ring Energy, Inc.
Riviera Resources, Inc.
RM Partners LP
RN Holding QJSC
Roadster Finance DAC
Roan Resources, Inc.
Rochester Gas & Electric Corp.
Rockhopper Exploration Plc
Rockies Express Pipeline LLC
Rockpoint Gas Storage Canada Ltd.
Rompotrol Rafinare SA
Rosehill Resources Inc.
Rosneft Finance SA
Rosneft International Finance Ltd.
ROSNEFT International Ltd.
Rosneft Oil Co.
Rowan Cos. LLC
Royal Vopak NV
Royale Energy, Inc.
RPC, Inc.
RS Energy KK
Rubis Energy Kenya Plc
Rubis SCA
Rubis Terminal
Ruby Pipeline LLC
Ruweis Power Co. PJSC
RWE AG
S.D. Standard ETC Plc
S.N.T.G.N. Transgaz SA
Sabal Trail Transmission LLC
Sabine Oil & Gas Corp.
Sabine Pass Liquefaction LLC
Sabine Pass LNG LP LLC
Sadovaya Group
SAExploration Holdings, Inc.
Saibu Gas Holdings Co., Ltd.
Saipem Finance International BV
Saipem SpA
Sakari Resources Ltd.
Sala Corp.
Salungano Group Ltd.
Samchully Co., Ltd.
Samruk-Energy JSC
Samson Oil & Gas Limited
Samyak International Ltd.
San Diego Gas & Electric Co.
San Leon Energy PLC
San Miguel Corporation
SAN-AI OBBLI Co., Ltd.
SandRidge Energy, Inc.
Sanjel Corp.
Santos Finance Ltd.
Santos Limited
Sapura Energy Berhad
Saras SPA
Saratov Oil & Refinery PJSC
Sasol Financing International Ltd.
Sasol Financing USA LLC
Sasol Ltd.
Saturn Oil & Gas Inc.
Saudi Arabian Oil Co.
Saudi Aramco Base Oil Co.
Saudi Automotive Services Co.
Saudi Electricity Co.
Saudi Electricity Global Sukuk Co. - 2
Saudi Electricity Global Sukuk Co. - 3
Savanna Energy Services Corp.
SBM Offshore NV



SCANA Corp.
Scan-Inter Public Co. Ltd.
Schahin II Finance Co. (SPV) Ltd.
Schlumberger Finance BV
Schlumberger Finance Canada Ltd.
Schlumberger Finance France SAS
Schlumberger Holdings Corp.
Schlumberger Investment SA
Schoeller-Bleckmann Oilfield Equipment AG
Scomi Group Bhd.
Scorpio Tankers Inc.
Scotland Gas Networks Plc
Scottish Power Ltd.
Scottish Power UK Plc
SD International Sukuk Ltd.
SDIC Power Holdings Co., Ltd.
Sea Trucks Group Ltd.
Sea1 Offshore, Inc.
SeaBird Exploration Plc
SEACOR Marine Holdings Inc.
Seacrest Petroleo Bermuda Ltd.
Seadrill Limited
Seapeak LLC
SeaRiver Maritime Financial Holdings, Inc.
Secure Energy Services Inc.
Seitel, Inc.
Select Water Solutions, Inc.
Sembcorp Industries Ltd.
SemGroup, LLC
Semirara Mining & Power Corp.
Sempra
Sempra Infrastructure Partners LP
Senex Energy Limited
Seobu T&D Co., Ltd.
SEOUL CITY GAS CO., LTD.
Seplat Energy Plc
Serba Dinamik Holdings Berhad
Serica Energy plc
Sevan Drilling Ltd.
Seven Energy Finance Ltd.
Seven Energy International Ltd.
Seven Energy Ltd.
SFL Corporation Ltd
SGC Energy Co., Ltd.
SGSP (Australia) Assets Pty Ltd.
Shamal Az-Zour Al-Oula Power & Water Co.
KSCP
ShaMaran Petroleum Corp.
Shan Xi Hua Yang Group New Energy Co. Ltd.
Shandong Energy Australia Pty Ltd.
Shandong Energy Group Co., Ltd.
Shandong Xinchao Energy Corp. Ltd.
Shanghai Datun Energy Resources Co., Ltd.
Shanghai Dazhong Public Utilities (Group) Co., Ltd.
Shanghai Electric Power Co., Ltd.
Shanxi Coal International Energy Group Co., Ltd.
Shanxi Coking Coal Energy Group Co., Ltd.
Shanxi Guoxin Energy Corp. Ltd.
Shanxi Lanhua Sci-Tech Venture Co., Ltd.
Shanxi Lu'An Environmental Energy Development Co., Ltd.
Shanxi Meijin Energy Co., Ltd.
Shelf Drilling Holdings Ltd.
Shelf Drilling Ltd.
Shell Finance (Netherlands) BV
Shell International Finance BV
Shell Midstream Partners LP
Shell Oman Marketing
Shell Pakistan Ltd.
Shell Pilipinas Corporation
Shell Plc
Shenergy Co., Ltd.
Shenzhen Energy Group Co., Ltd.
Shenzhen Gas Corp. Ltd.
Shenzhen Nanshan Power Co., Ltd.
Sherritt International Corporation
Shikoku Electric Power Co., Inc.
Shizuoka Gas Co., Ltd.
Shougang Fushan Resources Group Limited
Shaanxi Coal Industry Co., Ltd.
Shaanxi Energy Investment Co., Ltd.
Siamgas and Petrochemicals Public Company Limited
SIBUR Holding JSC

SIBUR Securities DAC
Sichuan Expressway Company Limited
Sidewinder Drilling LLC
Sierra Pacific Power Co.
Silver Elephant Mining Corp.
SilverBow Resources, Inc.
Simba Essel Energy, Inc.
SINANEN Holdings Co., Ltd.
Sino Gas & Energy Holdings Ltd.
Sino Oil and Gas Holdings Limited
Sinopec Capital Co., Ltd.
Sinopec Group Overseas Development (2012) Ltd.
Sinopec Group Overseas Development (2013) Ltd.
Sinopec Group Overseas Development (2014) Ltd.
Sinopec Group Overseas Development (2015) Ltd.
Sinopec Group Overseas Development (2016) Ltd.
Sinopec Group Overseas Development (2017) Ltd.
Sinopec Group Overseas Development (2018) Ltd.
Sinopec Kantons Holdings Limited
Sinopec Oilfield Service Corporation
Sinopec Shanghai Petrochemical Company Limited
Sintana Energy Inc.
Sitio Royalties Corp.
SK Discovery Co. Ltd.
SK E&S Co., Ltd.
SK Gas Co., Ltd.
SK Innovation Co., Ltd.
SK, Inc.
Slavneft-Yaroslavlnefteorgsintez PJSC
SLB
Slovensky plynarensky Priemysel AS
Slovnaft AS
SM Energy Company
Smart Sand, Inc.
SMC Global Power Holdings Corp.
SNAM SpA
Societatea Nationala de Gaze Naturale
ROMGAZ SA
S-Oil Corp.
Sojitz Corp.
Solaris Energy Infrastructure, Inc.
Solaris Midstream Holdings LLC
Solstad Offshore ASA
Songa Offshore SE
Sonoro Energy Ltd.
Sound Energy Plc
Source Energy Services LP
South Jersey Industries, Inc.
South32 Ltd.
South32 Treasury Ltd.
Southern California Gas Co.
Southern Company Gas
Southern Company Gas Capital Corp.
Southern Gas Corridor CJSC
Southern Gas Networks Plc
Southern Kuzbass Coal Co. PJSC
Southern Natural Gas Co. LLC
Southern Power Co.
Southgobi Resources Ltd.
Southwest Gas Corp.
Southwest Gas Holdings, Inc.
Southwestern Electric Power Co.
Southwestern Energy Company
Southwestern Public Service Co.
SP Corp. Ltd.
Spartan Delta Corp.
Spectra Energy Partners LP
SPIC 2016 US Dollar Bond Co. Ltd.
SPIC 2018 USD Senior Perpetual Bond Co. Ltd.
SPIC Industry-Finance Holdings Co., Ltd.
SPIC Luxembourg Latin America Renewable Energy Investment Co.
Spindletop Oil & Gas Co.
Spire Inc.
SPP - distribucia as
SPP Infrastructure Financing BV
SPR Finance Corp.
SPT Energy Group Inc.

St1 Nordic Oy
Stanmore Resources Limited
Star Energy Group Plc
Star Group LP
Star Petroleum Refining Public Company Limited
State Oil Company of Azerbaijan Republic
State Power Investment Corp., Ltd.
STEAG GmbH
Stedin Holding NV
STEP Energy Services Ltd.
Stoneway Capital Corp.
Storm Resources Ltd.
Strad Inc.
Strata Power Corp.
Strathcona Resources Ltd.
Strike Energy Limited
Strong Petrochemical Holdings Limited
Stronghold Digital Mining, Inc.
Subsea 7 SA
Suburban Propane Partners, L.P.
Sui Northern Gas Pipelines Ltd.
Sumatec Resources Bhd.
Sumiseki Holdings, Inc.
Sumitomo Corp.
Summit Midstream Corporation
Summit Midstream Holdings LLC
Summit Power Ltd.
SunCoke Energy Partners Finance Corp.
SunCoke Energy Partners, L.P.
SunCoke Energy, Inc.
Suncor Energy Inc.
Sundance Energy Inc.
Sunoco Logistics Partners Operations LP
Sunoco LP
Sunpower Group Ltd.
Sunshine Oilsands Ltd.
Superior Energy Services, Inc.
Superior Plus Corp.
Superior Plus LP
Surge Energy Inc.
Surgutneftegas PJSC
SUSCO Public Company Limited
Swan Energy Limited
T7 Global Berhad
Taiheyo Kouhatsu Inc.
Taiwan Cogeneration Corp.
Taki Chemical Co., Ltd.
Talen Energy Corporation
Talen Energy Supply LLC
Talent Yield (Euro) Ltd.
Talent Yield Investments Ltd.
Tallgrass Energy Partners LP
Tallgrass Energy, LP
Talos Energy Inc.
Talos Production, Inc.
Tamarack Valley Energy Ltd.
Tampa Electric Co.
Tapstone Energy LLC
Targa Pipeline Finance Corp.
Targa Resources Corp.
Targa Resources Partners Finance Corp.
Targa Resources Partners LP
Tatneft PJSC
Tauron Polska Energia SA
TBEA Co., Ltd.
TC Energy Corporation
TC PipeLines, LP
TCC Group Holdings CO., LTD.
Technip Energies NV
TechnipFMC plc
Teck Resources Limited
Tecnicas Reunidas SA
TECO Finance, Inc.
Tecpetrol SA
Teekay Corporation
Teekay Shuttle Tanker Finance LLC
Teekay Tankers Ltd.
Teine Energy Ltd.
Tellurian Inc.
Tenaga Nasional Berhad
Tenaris SA
Tengizchevroil Finance Co. International Ltd.
Tengizchevroil Finance Co. SARL



Tennessee Gas Pipeline Co. LLC	TransAlta Renewables Inc.	Viridien
Tennessee Valley Authority	TransCanada PipeLines Ltd.	Vistra Corp.
Terega SA	TransCanada Trust	Vistra Operations Co. LLC
Terega SAS	TransCapitalInvest DAC	Vital Energy, Inc.
Termocandelaria Power SA	Transcontinental Gas Pipe Line Co. LLC	Vitesse Energy, Inc.
TerraCom Limited	Transfar Zhilian Co., Ltd.	Viva Energy Group Ltd.
Territorial Generating Co. No 1 PJSC	TransGlobe Energy Corporation	Vivo Energy Ltd.
Tervita Corporation	TransMontaigne Partners LLC	Volstad Subsea AS
Tesoro Logistics Finance Corp.	Transneft PJSC	VPower Group International Holdings Limited
Tethys Oil AB	Transnet SOC Ltd.	VAALCO Energy, Inc.
TETRA Technologies, Inc.	Transocean Guardian Ltd.	W&T Offshore, Inc.
Texas Eastern Transmission LP	Transocean Ltd.	Wales & West Utilities Finance Plc
Texas Pacific Land Corp.	Transocean Phoenix 2 Ltd.	Wales & West Utilities Ltd.
TGI International Ltd.	Transocean Pontus Ltd.	Warren Resources, Inc.
TGS ASA	Transocean Poseidon Ltd.	Warrior Met Coal, Inc.
Thai Oil Public Company Limited	Transocean Sentry Ltd.	Wasco Berhad
Thaioil Treasury Center Co., Ltd.	Transocean, Inc.	Washington Gas Light Co.
The AES Corporation	Transportadora de Gas del Norte SA	Washington H. Soul Pattinson and Company Limited
The Brooklyn Union Gas Co.	Transportadora de Gas del Peru SA	Waypoint REIT Ltd.
The Chugoku Electric Power Co., Inc.	Transportadora de Gas del Sur SA	Weatherford International LLC
The Drilling Company of 1972 A/S	Transportadora de Gas Internacional SA ESP	Weatherford International Ltd. (Bermuda)
The East Ohio Gas Co.	TravelCenters of America Inc.	Weatherford International plc
The Great Eastern Shipping Company Limited	Trican Well Service Ltd.	WEC Energy Group, Inc.
The Great Taipei Gas Corp.	Trinidad Generation Unlimited	Welltec A/S
The Hong Kong and China Gas Company Limited	Trinidad Petroleum Holdings Ltd.	Wentworth Resources Plc
The Hub Power Co. Ltd.	TriSummit Utilities Inc.	Western Energy Services Corp.
The Kansai Electric Power Co., Inc.	Tsakos Energy Navigation Limited	Western Midstream Operating LP
The Kenan Advantage Group, Inc.	Tulip Oil Netherlands Offshore BV	Western Midstream Partners LP
The Lanna Resources Public Co., Ltd.	Tullow Oil Plc	Western Refining Logistics LP
The LEADCORP, Inc.	Turcas Petrol AS	Westmoreland Coal Co.
The National Gas Company of Trinidad & Tobago Ltd.	Turkiye Petrol Rafinerileri AS	Westmoreland Resource Partners LP
The Oil & Gas Holding Co. BSC	TXNM Energy, Inc.	WGL Holdings, Inc.
The Okinawa Electric Power Co., Inc.	U.S. ENERGY CORP.	WHA Utilities & Power Public Co. Ltd.
The Power & Water Utility Co. for Jubail & Yanbu	U.S. Silica Holdings, Inc.	White Energy Company Limited
The Second Generation Co of the Wholesale Power Market PJSC	U.S. Well Services Holdings LLC	White Star Petroleum LLC
The Southern Company	UBE Corp.	Whitecap Resources Inc.
The Tata Power Company Limited	UGI Corporation	Whitehaven Coal Limited
The Williams Companies, Inc.	Ultrapar International SA	Williams Partners LP
Third Coast Midstream LLC	Ultrapar Participacoes SA	Wintershall Dea AG
Thunderbird Resources Equity, Inc.	Unicorn Capital Partners Ltd.	Wintershall Dea Finance 2 BV
Thungela Resources Ltd.	UNIMOT SA	Wintershall Dea Finance BV
Tian Lun Gas Holdings Limited	Union Electric Co.	Wintershall Dea International GmbH
Tiandi Science & Technology Co., Ltd.	Uniper SE	Wintime Energy Group Co., Ltd.
Tianjin Port Development Holdings Limited	Unipor PJSC	Wisconsin Electric Power Company
Tidewater Inc.	Unit Corporation	Wisconsin Power & Light Co.
Tidewater Renewables Ltd.	United Energy Group Limited	Wisconsin Public Service Corp.
Tipco Asphalt Public Co. Ltd.	United Refining Co.	Wison Engineering Services Co. Ltd.
Titan Petrochemicals Group Limited	United Strength Power Holdings Limited	Wollongong Coal Limited
TNB Global Ventures Capital Bhd.	Unitil Corporation	Woodside Energy Group Ltd.
Toa Oil Co., Ltd.	Up Energy Development Group Limited	Woodside Finance Ltd.
TOELL Co., Ltd.	Urals Energy Public Co. Ltd.	World Kinect Corporation
TOHO GAS Co., Ltd.	USA Compression Partners LP	WPX Energy, Inc.
Tohoku Electric Power Co., Inc.	Uzma Berhad	Wuchan Zhongda Group Co., Ltd.
TOKAI Holdings Corp.	Valaris Limited	XCD Energy Limited
Tokyo Electric Power Co. Holdings, Inc.	Valener Inc.	Xcel Energy Inc.
Tokyo Gas Co., Ltd.	Valero Energy Corporation	Xiamen International Trade Group Corp. Ltd.
Top Frontier Investment Holdings, Inc.	Valero Energy Partners LP	Xiangcai Co., Ltd.
Topaz Energy Corp.	Valeura Energy Inc.	Xinjiang Guanghui Industry Investment (Group) Co., Ltd.
Topy Industries, Ltd.	Vallourec SA	Yanchang Petroleum International Limited
TORC Oil & Gas Ltd.	Vantage Drilling Co.	Yancoal Australia Ltd.
TORM A/S	Vantage Drilling International Ltd.	Yancoal International Resources Development Co., Ltd.
Torm Plc	Var Energi ASA	Yangarra Resources Ltd.
Torrent Power Limited	Vattenfall AB	Yankuang Energy Group Co., Ltd.
Toscana Energy Income Corporation	Vector Limited	Yankuang Group (Cayman) Ltd.
Total Energy Services Inc.	Vectren Corp.	Yantai Jereh Oilfield Services Group Co. Ltd.
TotalEnergies Capital Canada Ltd.	Vedanta Limited	Yesco Holdings Co., Ltd.
TotalEnergies Capital International SA	Vedanta Resources Finance II Plc	Yinson Holdings Berhad
TotalEnergies Capital SA	Vedanta Resources Jersey Ltd.	Yorkshire Power Finance Ltd.
TotalEnergies Marketing Kenya Plc	Vedanta Resources Ltd.	YPF Energia Electrica SA
TotalEnergies Marketing Maroc SA	Velesto Energy Berhad	YPF SA
TotalEnergies SE	Venture Global LNG, Inc.	YTL Corporation Berhad
Touchstone Exploration Inc.	Veolia Environnement SA	YTL Power International Berhad
Tourmaline Oil Corp.	Veren, Inc.	Yuan Heng Gas Holdings Limited
Towngas Finance Ltd.	Vermilion Energy Inc.	Yunnan Energy Investment Co., Ltd.
Towngas Smart Energy Company Limited	Vertex Energy, Inc.	Z Energy Ltd.
Toyo Kanetsu KK	Via Renewables, Inc.	ZAMET SA
TPI Polene Power Public Co., Ltd.	Vibra Energia SA	Zapadoslovenska Energetika as
TPI Polene Public Co. Ltd.	Vier Gas Transport GmbH	Zargon Oil & Gas Ltd.
Trafigura Funding SA	Viesgo Infraestructuras Energeticas SL	Zephyr Energy Plc
Trafigura Group Pte Ltd.	Vietnam National Petroleum Corp.	Zhaikmunai Finance BV
Trans Mountain Corp.	Viking Supply Ships AS	Zhaikmunai International BV
TransAlta Corporation	Vimetco NV	Zhejiang Jiahua Energy Chemical Industry Co., Ltd.
	Vine Energy, Inc.	
	Viper Energy, Inc.	
	Virginia Electric & Power Co.	
	Viridian Group FundCo II Ltd.	



Zhejiang Zheneng Electric Power Co., Ltd.
Zhengzhou Coal Industry & Electric Power Co., Ltd.

Zhongrong Xinda Group Co., Ltd.
Zhongyu Energy Holdings Limited
Zhuhai Holdings Investment Group Limited

Zion Oil & Gas, Inc.
Zorlu Enerji Elektrik Uretim AS
AAG Energy Holdings Ltd.

Approved Exemptions for Fossil Fuel Exclusions

Enel SpA
Exelon Corporation
Iberdrola SA
Orsted A/S
SSE Plc

EU Paris-aligned Benchmarks Exclusions (PAB)

Activity based exclusions referred to in Commission Delegated Regulation (EU) 2022/1818, Article 12(a)-12(g) as further defined the [Exclusion Instruction](#).

Excluded Investment

22nd Century Group, Inc.
2I RETE GAS S.P.A.
A-1 Group, Inc.
Abraj Energy Services SAOG
Abrau-Durso PJSC
Abu Dhabi National Energy Company PJSC
ABU DHABI NATIONAL OIL COMPANY FOR DISTRIBUTION PJSC
AcBel Polytech, Inc.
Acron PJSC
ACWA POWER Company SJSC
Adani Abbot Point Terminal Pty Ltd.
Adani Enterprises
ADANI ENTERPRISES LIMITED
Adani Green Energy
Adani Ports & Special Economic Zones
ADANI PORTS AND SPECIAL ECONOMIC ZONE LIMITED
ADANI POWER LIMITED
ADES Holding Company Listed Joint Stock Company
ADNOC DRILLING COMPANY P.J.S.C.
ADVANTAGE ENERGY LTD.
AEGIS LOGISTICS LIMITED
AENZA S.A.A.
Aeroflot PJSC
Aerospace Long-March International Trade Co., Ltd.
AES Andes S.A.
AFGRI Ltd.
Africa Oil Corp.
AFRICAN RAINBOW MINERALS LIMITED
Aganeftegazgeologia OAO
Agility Public Warehousing Company K.S.C.P.
Agrofirma Mcenskaya OAO
Ahlaczi Dogal Gaz Dagitim Enerji ve Yatirim AS
AI CANDELARIA (SPAIN) SA
AKER BP ASA
AKSA ENERJI URETIM ANONIM SIRKETI
Al Batinah Power Company SAOG
Al Suwadi Power Company SAOG
Alabama Power Company
Al-Eqbal Co. for Investment Plc
Alfa-Bank
ALLETE, INC.
ALLIANCE RESOURCE PARTNERS, L.P.
ALLIANT ENERGY CORPORATION
Almaz-Antei PAO
ALPHA METALLURGICAL RESOURCES, INC.
Alrosa PJSC
ALROSA-Nyurba PJSC
Altadis Emisiones Financieras SA
Altadis SA
AltaGas Ltd.
Altria Group, Inc.
Aluminum Corporation of China Limited
American Heritage International, Inc.
AMPLITUDE ENERGY LIMITED
AMPOL LIMITED
AMVIG Holdings Ltd.
AN HUI WENERGY COMPANY LIMITED
ANGLO AMERICAN PLC
Anhui GreatWall Military Industry Co., Ltd.
Anhui Military Industry Group Holding Co. Ltd.
ANTERO MIDSTREAM CORPORATION

ANTERO MIDSTREAM PARTNERS LP
ANTERO RESOURCES CORPORATION
APA CORPORATION
APA Group
APACHE CORPORATION
Aphria
Appalachian Power Company
Arab Organization for Industrialization
ARC RESOURCES LTD
ARCH RESOURCES, INC.
Archer-Daniels Midland Co.
Arcis Resources Corp.
ARKO CORP.
Arktikneftegazstroy OAO
Aryt Industries Ltd.
Asberry 22 Holdings, Inc.
ASCENT RESOURCES UTICA HOLDINGS, LLC
ASCOPIAVE S.P.A.
Aselsan Elektronik Sanayi ve Ticaret AS
Asenovgrad Tabac AD
ASHDOD REFINERY LTD
Ashoka Manufacturing Ltd
ATHABASCA OIL CORPORATION
ATLAS ENERGY SOLUTIONS INC.
ATMOS ENERGY CORPORATION
Atomic Energy Power Corp.
Attock Refinery Ltd
AURIZON HOLDINGS LIMITED
AVANCE GAS HOLDING LTD
Avangard Bank PJSC
Avary Holding (Shenzhen) Co., Ltd.
Avibras Industria Aeroespacial SA
AviChina Industry & Technology
AYGAZ ANONIM SIRKETI
Aziyo Biologics, Inc.
B.A.T Capital Corp.
B.A.T. Finance BV
B.A.T. International Finance Plc
B.A.T. Netherlands Finance BV
B.GRIMM POWER PUBLIC COMPANY LIMITED
BADECO ADRIA dd
Bajaj Hindustan Sugar Ltd.
BAKER HUGHES COMPANY
BAKER HUGHES HOLDINGS LLC
Bamtonnelstroy
Bangchak Corporation Public Company Limited
BANGCHAK SRIRACHA PUBLIC COMPANY LIMITED
BANGKOK AVIATION FUEL SERVICES PCL.
Bank Otkritie Financial Corp QJSC Via OFCB
Capital PLC
Bank Otkritie Financial Corp PJSC/Tochka
Bank Rossiya OAO
Bank St Petersburg PJSC
Bank ZENIT PJSC
Banpu Power Public Company Limited
BANPU PUBLIC COMPANY LIMITED
BAPCO ENERGIES B.S.C CLOSED
Barrick (PD) Australia Finance Pty Ltd.
Barrick Gold
Barrick Gold Finance Co.
Barrick North America Finance LLC
Barrick TZ Ltd.
Bashneft PJSC

BASIN ELECTRIC POWER COOPERATIVE
BAT Brasil
BAYTEX ENERGY CORP.
BayWa Aktiengesellschaft
BCPG Public Company Limited
BEACH ENERGY LIMITED
BEIJING ENTERPRISES HOLDINGS LIMITED
Beijing Jingneng Clean Energy Co., Limited
Beijing Tong Ren Tang Chinese Medicine Co., Ltd.
Beijing Tongrentang Co., Ltd.
Belon OJSC
Belspetsvneshtekhnika
Beluga Group PJSC
BERRY CORPORATION (BRY)
Bharat Dynamics Limited
Bharat Electronics Limited
Bharat Heavy Electricals Ltd
BHARAT PETROLEUM CORPORATION LIMITED
BHP GROUP LIMITED
BIGLARI HOLDINGS INC.
BIRCHCLIFF ENERGY LTD.
BKV CORPORATION
BLACK HILLS CORPORATION
Black Sea Trade & Development Bank
BLUENORD ASA
BOLLORE SE
Borr Drilling Limited
BOSTON GAS COMPANY
BP P.L.C.
Brava Energia S.A.
BRF SA
BRICKWORKS LTD
BRISTOW GROUP INC.
British American Tobacco Argentina SAICy F
British American Tobacco Australasia Ltd.
British American Tobacco Bangladesh Company Limited
British American Tobacco Chile Operaciones SA
British American Tobacco Co. Ltd.
British American Tobacco Holdings (The Netherlands) BV
British American Tobacco Italia SpA
British American Tobacco Kenya Plc
British American Tobacco Malaysia Bhd.
British American Tobacco Peru Holdings Ltd.
British American Tobacco plc
British American Tobacco Uganda Ltd.
British American Tobacco Zambia PLC
British American Tobacco Zimbabwe Ltd.
BROOKFIELD INFRASTRUCTURE CORPORATION
Bukit Asam Tbk PT
Bulgarian Energy Holding EAD
Bulgartabac Holding AD
Bunge Alimentos SA
Bunge Brasil SA
Bunge Finance Europe BV
Bunge Ltd
Bunge Ltd. Finance Corp.
Bunge NA Finance LP
BURLINGTON NORTHERN SANTA FE, LLC
BW ENERGY LIMITED
BW LPG Limited
BW OFFSHORE LIMITED



CALIFORNIA RESOURCES CORPORATION
CALLON PETROLEUM COMPANY
CALPINE CORPORATION
CALUMET, INC.
Can2 Termik AS
CANACOL ENERGY LTD
CANADIAN NATIONAL RAILWAY CO
CANADIAN NATURAL RESOURCES LIMITED
CANADIAN PACIFIC KANSAS CITY LTD
CANADIAN PACIFIC RAILWAY CO
Canggang Railway Ltd
Capex S.A.
CAPITAL POWER CORPORATION
CAPRICORN ENERGY PLC
CARDINAL ENERGY LTD.
Cargill
CARNARVON ENERGY LIMITED
Carreras Ltd.
Cat Loi JSC
Cenovus Energy Inc.
Center for Cargo Container Traffic
TransContainer PJSC
Centerenergyholding JSC
Centrais Eletricas Brasileiras SA (Eletrobras)
Central Bank of the Russian Federation/The
Central Telegraph PJSC
CESC LTD
Cetelem Bank
Ceylon Tobacco Company Plc
CEZ, a.s.
CGN New Energy Holdings Co., Ltd.
Changhong Meiling Co., Ltd.
CHANNEL INFRASTRUCTURE NZ LIMITED
Charlie's Holdings, Inc.
Chelyabinsk Forge & Press Plant PJSC
Chelyabinsk Metallurgical Plant PJSC
Chelyabinsk Pipe Plant PJSC
CHENIERE ENERGY PARTNERS, L.P.
CHENIERE ENERGY, INC.
CHENNAI PETROLEUM CORPORATION LIMITED
Cherkizovo Group PJSC
CHESAPEAKE UTILITIES CORPORATION
CHEVRON CORPORATION
China Aerospace Science & Industry Corp. Ltd.
China Aerospace Science & Technology Corp.
CHINA AVIATION OIL (SINGAPORE)
CORPORATION LTD
China Boton Group Company Limited
China Coal Energy Co Ltd
China Coal Energy Company Limited
CHINA GAS HOLDINGS LIMITED
CHINA HIGH SPEED TRANSMISSION
EQUIPMENT GROUP CO., LTD.
China Merchants Energy Shipping Co., Ltd.
China National Nuclear Corp.
China National Petroleum Corporation
China National Petroleum Corporation (CNPC)
China North Industries Corp.
China North Industries Group Corp. Ltd.
China Nuclear Engineering & Construction
Corp. Ltd.
CHINA OIL AND GAS GROUP LIMITED
China Oilfield Services Limited
China Petrochemical Corporation
China Petroleum & Chemical Corporation
China Poly Group Corp. Ltd.
China Power International Development
Limited
CHINA RESOURCES GAS GROUP LIMITED
China Resources Power Holdings Company
Limited
China Shenhua Energy Company Limited
China Shipbuilding Industry Co., Ltd.
China Southern Power Grid Co., Ltd
China Suntien Green Energy Corporation
Limited
China Tobacco International (HK) Company
Limited
China Traditional Chinese Medicine Holdings
Co. Ltd.
CHNENERGY Investment Group Co., LTD
CHORD ENERGY CORPORATION
Chrezvichainaia strahovaia co CHSK OAO
Chubu Electric Power Company, Incorporated
Cinergyco PK Limited
CITIC RESOURCES HOLDINGS LIMITED

CIVITAS RESOURCES, INC.
CK Power Public Company Limited
CLECO CORPORATE HOLDINGS LLC
CLECO POWER LLC
CNOOC Canada, Inc.
CNOOC Curtis Funding No. 1 Pty Ltd.
CNOOC Finance [2003] Ltd.
CNOOC Finance [2011] Ltd.
CNOOC Finance [2012] Ltd.
CNOOC Finance [2013] Ltd.
CNOOC Finance [2014] ULC
Cnooc Finance [2015] Australia Pty Ltd.
CNOOC Finance [2015] U.S.A. LLC
CNOOC LIMITED
CNOOC Ltd
CNX MIDSTREAM PARTNERS LP
CNX RESOURCES CORPORATION
COAL INDIA LTD
Coka Duvanska Industrija AD
COLORADO INTERSTATE GAS COMPANY, L.L.C.
Commercial Sea Port of Vladivostok PJSC
Companhia Energetica De Minas Gerais
(CEMIG)
Compania General de Combustibles S.A.
COMSTOCK RESOURCES, INC.
Conoco Funding Co.
ConocoPhillips
ConocoPhillips Australia Funding Co.
ConocoPhillips Canada Funding Co. I
ConocoPhillips Canada Funding Co. II
ConocoPhillips Co.
Consolidated Cigar Holdings, Inc.
CONTINENTAL RESOURCES, INC.
Cool Company Ltd.
CORE LABORATORIES INC.
CORE NATURAL RESOURCES, INC.
CoreCivic Corp
CORONADO GLOBAL RESOURCES INC.
CORPORACION DE RESERVAS ESTRATEGICAS
DE PRODUCTOS PETROLIFEROS
Corporacion Financiera Colombiana S.A.
COSCO Shipping Energy Transportation Co.,
Ltd.
COSMO ENERGY HOLDINGS COMPANY,
LIMITED
Coterra Energy Inc.
Credit Bank of Moscow PJSC
CRESCENT ENERGY COMPANY
CSX Corporation
CTO Co. Ltd.
CVR ENERGY, INC.
Dalmoreprodukt
D'Amico International Shipping SA
DANA GAS CO.(P.J.S)
Daqin Railway Co., Ltd.
Daqo New Energy Corp.
Datang International Power Generation Co.,
Ltd.
Defence Industries Organization
DELEK GROUP LTD.
DELEK LOGISTICS PARTNERS, LP
DELEK US HOLDINGS, INC.
DEVON ENERGY CORPORATION
DIAMONDBACK ENERGY, INC.
DIVERSIFIED ENERGY COMPANY PLC
DMCI HOLDINGS, INC.
DNO ASA
DOF GROUP ASA
DOMINION ENERGY SOUTH CAROLINA, INC.
Dorian LPG Ltd.
DT MIDSTREAM, INC.
DTE ELECTRIC COMPANY
DTE Energy Co
DUKE ENERGY FLORIDA, LLC
DUKE ENERGY INDIANA, LLC
Dupnitsa-Tabak AD
Dushanzi Petrochemical Company
Duvanska Industrija AD Bujanovac
Duvanski Kombinad ad Podgorica
Eastern Co. (Egypt)
Ecopetrol S.A.
Elbit Systems Ltd.
Electric Power Development Co., Ltd.
ELECTRICITY GENERATING PUBLIC COMPANY
LIMITED
Elektrosta OAO

Elentec Co., Ltd.
ElSewedy Electric Co
EMERA INCORPORATED
Empresa Nacional del Petroleo
EM-Tech. Co., Ltd.
EN+ Group International PJSC
Enagas S.A.
ENAUTA PARTICIPACOES S.A.
ENBRIDGE ENERGY PARTNERS, L.P.
Enbridge Gas Inc.
Enbridge Inc
Enbridge Inc.
ENEA SPOLKA AKCYJNA
ENEL RUSSIA PJSC
ENEOS Holdings, Inc.
ENERGEAN PLC
Energir Inc.
Energospecmontazh
Energy Transfer Equity LP
ENERGY TRANSFER LP
Energy Transfer Operating LP
Enerya Enerji AS
Eneva S.A.
ENGIE Energia Chile S.A.
Engro Powergen Qadirpur Limited
ENI S.P.A.
ENLINK MIDSTREAM PARTNERS, LP
ENLINK MIDSTREAM, LLC
ENN ENERGY HOLDINGS LIMITED
ENN Natural Gas Co., Ltd.
ENQUEST PLC
Ensign Energy Services Inc.
ENTERGY CORPORATION
ENTERGY LOUISIANA, LLC
ENTERGY MISSISSIPPI, LLC
ENTERGY TEXAS, INC.
ENTERPRISE PRODUCTS OPERATING LLC
EOG RESOURCES, INC.
EQM MIDSTREAM PARTNERS, LP
EQT CORPORATION
EQUINOR ASA
EQUITAL LTD
ESKOM HOLDINGS SOC LIMITED
Esso Societe Anonyme Francaise SA
ETABLISSEMENTS MAUREL ET PROM SA
European Eltech PJSC
eustream, a.s.
EVERGY KANSAS CENTRAL, INC.
Evergy Metro, Inc.
Evraz Plc
Accelerate Energy Inc
Eximbank of Russia
EXMAR NV
EXPAND ENERGY CORPORATION
EXXARO RESOURCES LIMITED
Exxon Mobil Corporation
Far-Eastern Energy Co PJSC
Far-Eastern Shipping Co PLC
Federal Grid Co Unified Energy System PJSC
FEDERATED CO-OPERATIVES LIMITED
FINNING INTERNATIONAL INC.
First Pacific Company Limited
FLEX LNG LTD.
FLOENE ENERGIAS S.A.
FLORIDA POWER & LIGHT COMPANY
Formosa Chemicals & Fibre Corp.
FORMOSA PETROCHEMICAL CORPORATION
Formosa Taffeta Co., Ltd.
Franco-Nevada Corporation
Freehold Royalties Ltd.
Freeport McMoRan
FRONTERA ENERGY CORPORATION
FRONTLINE PLC
FTAI INFRASTRUCTURE INC.
GAIL (INDIA) LIMITED
Gaikhiy GOK OAO
Galp Energia, SGPS, S.A.
GAS MALAYSIA BERHAD
Gas Natural de Lima y Callao S.A.
GAS NETWORKS IRELAND
Gazkon PJSC
Gazprom Gazoraspredelenie Syktyvkar AO
Gazprom Neft PJSC
Gazprom PJSC
Gazprom PJSC Via Gaz Capital SA
Gazprom PJSC via Gaz Finance PLC



Gazprombank
Gaz-service PJSC
GAZ-Tek PJSC
GCL New Energy Holdings Limited
GCL Technology
GCM Resources plc
GD POWER DEVELOPMENT CO., LTD.
Gemini Group Global Corp.
GenBank
GENEL ENERGY PLC
GENESIS ENERGY, L.P.
Genting Bhd
Genting Plantations Berhad
GEO ENERGY RESOURCES LIMITED
GEO Group
GeoPark Limited
Geotech Seismic Services PJSC
GIBSON ENERGY INC.
Gilla, Inc.
Giprospetsgaz OAO
Glencore
GLENCORE PLC
GLOBAL PARTNERS LP
GLOBAL POWER SYNERGY PUBLIC COMPANY LIMITED
GMexico Transportes, S.A.B. de C.V.
Godfrey Phillips India Ltd.
Golden Agri-Resources Ltd
GOLDEN ENERGY AND RESOURCES PTE. LTD.
Golden Tobacco Ltd.
Gotse Delchev Tabac AD
GRAN TIERRA ENERGY INC.
Grand Pharmaceutical Group Ltd.
GRANITE RIDGE RESOURCES, INC.
Great River Energy
Greenlane Holdings, Inc.
GRINDROD LIMITED
Grupo Energia Bogota S.A. ESP
Grupo Mexico SAB de CV
Gruppa kompaniy kommunalnoy sfery PAO
GS Caltex Corporation
GS Holdings Corp.
Gtlk Europe Capital DAC
Guangdong DFP New Material Group Co., Ltd.
GUANGDONG HEC TECHNOLOGY HOLDING CO., LTD
Guangdong Hongda Holdings Group Co., Ltd.
Guangdong New Grand Long Packing Co., Ltd.
Guanghui Energy Co., Ltd.
GUJARAT GAS LIMITED
GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED
GUJARAT STATE PETRONET LIMITED
GULF ENERGY DEVELOPMENT PUBLIC COMPANY LIMITED
Gulf International Services Q.P.S.C.
GULF KEYSTONE PETROLEUM LIMITED
GULFPORT ENERGY CORPORATION
HAFNIA LIMITED
Halcyon Agri Corp Ltd
Hallador Energy Company
HALLIBURTON COMPANY
HALS-Development PJSC
Hanwa Co., Ltd.
Hanwha TotalEnergies Petrochemical Co., Ltd.
Haoxiangni Health Food Co., Ltd.
HARBOUR ENERGY PLC
Harmony Gold Mining Co Ltd
Harrys Manufacturing Inc.
HAWAIIAN ELECTRIC INDUSTRIES, INC.
HD HYUNDAI CO., LTD.
Headwater Exploration Inc.
HELLENiQ ENERGY Holdings Societe Anonyme
HELMERICH & PAYNE, INC.
HENGLI PETROCHEMICAL CO., LTD.
Hengyi Petrochemical Co., Ltd.
HERA S.P.A.
Heritage Petroleum Company Limited
HESS CORPORATION
HESS MIDSTREAM LP
HF SINCLAIR CORPORATION
HIBISCUS PETROLEUM BERHAD
HIGHPEAK ENERGY, INC.
HIKVision
HINDUSTAN PETROLEUM CORPORATION LIMITED

HK ELECTRIC INVESTMENTS LIMITED
Hoang Long Group
Hokkaido Electric Power Co., Inc.
Hokuriku Electric Power Company
HOLLY ENERGY PARTNERS, L.P.
Honeys Holding
Hoshine Silicon Industry Co., Ltd.
HOSKEN CONSOLIDATED INVESTMENTS LIMITED
Hotel Kosmos OAO
HPCL-MITTAL ENERGY LIMITED
Hrvatski Duhani dd
Huabao International Holdings Limited
Huadian Power International Corporation Limited
Huabei Mining Holdings Co., Ltd.
Huaihe Energy (Group) Co., Ltd.
HUANENG POWER INTERNATIONAL, INC.
Human Stem Cells Institute PJSC
ICAHN ENTERPRISES L.P.
Icon Vapor, Inc.
Idemitsu Kosan Co., Ltd.
IDGC of Centre and Volga Region PJSC
IDGC of the North-West PJSC
IDGC of Urals JSC
IINO KAIUN KAISHA, LTD.
IMA T&T SpA
Imperial Brands Finance Netherlands BV
Imperial Brands Finance Plc
Imperial Brands PLC
Imperial Oil Ltd
INDIAN OIL CORPORATION LIMITED
Indofood Agri Resources Ltd.
Indraprastha Gas Ltd
Infraestructura Energetica Nova, S.A.B. de C.V.
Ingosstrakh Insurance Co
INGRAD OOO
Inner Mongolia Baotou Steel Union Co
Inner Mongolia Baotou Steel Union Co., Ltd
INNER MONGOLIA DIAN TOU ENERGY CORPORATION LIMITED
INNER MONGOLIA YITAI COAL CO., LTD
INPEX CORPORATION
INTER PIPELINE LTD
Inter RAO UES PJSC
INTERNATIONAL PETROLEUM CORPORATION
INTERNATIONAL SEAWAYS, INC.
INVEST-DEVELOPMENT PJSC
IOI Corporation Berhad
IOI Investment Labuan Bhd.
IPALCO ENTERPRISES INC
Irkutskenergo PJSC
IRPC Public Company Limited
Ispire Technology, Inc.
ITALGAS S.P.A.
ITC Limited
ITOCHU ENEX CO., LTD.
Izhorskiye Zavody PJSC
JADESTONE ENERGY PLC
JAIPRAKASH POWER VENTURES LIMITED
JANUB GAZ DAHLIZI GAPALI SAHMDAR JAMIYYATI
Japan Petroleum Exploration Co., Ltd.
Japan Tobacco, Inc.
JARDINE MATHESON HOLDINGS LIMITED
Jastrzebska Spolka Weglowa SA
JASTRZEBSKA SPOLKA WEGLOWA SPOLKA AKCYJNA
JBJ Technologies Ltd.
JBS Finance II Ltd.
JBS SA
JBS USA Finance, Inc.
JBS USA LLC
JERA Co., Inc.
Jerusalem Cigarette Co. Ltd.
JG Summit Holdings, Inc.
Jiangsu Guotai International Group Co., Ltd.
Jiangxi Copper Co Ltd
Jinko Solar Co
Jizhong Energy Resources Co., Ltd.
JMV LPS Ltd.
Joint Stock Company National Company
KazMunayGas
Jointown Pharmaceutical Group Co., Ltd.
JSC GEORGIAN RAILWAY
JSC Kalashnikov

JSW ENERGY LIMITED
JT International Financial Services BV
K&O Energy Group Inc.
Kalugaputmarsh
Kaluzsky Plant of Automobile Electrical Equipment OAO
Kamaz PJSC
Kamchatskenergo PJSC
KAMEI CORPORATION
Karelia Tobacco Co., Inc.
KAROON ENERGY LTD
Kawasaki Kisen Kaisha, Ltd.
KELT EXPLORATION LTD.
KENON HOLDINGS LTD.
KENTUCKY UTILITIES COMPANY
KEYERA CORP.
Khanty-Mansiyskdorstroy OAO
Khyber Tobacco Co. Ltd.
KIBO Energy PLC
KIMBELL ROYALTY PARTNERS, LP
Kimree, Inc.
KINDER MORGAN, INC.
Kinetic Development Group Limited
Kinetic Development Group Ltd
KINETIK HOLDINGS INC.
KIRBY CORPORATION
KISTOS HOLDINGS PLC
KOC HOLDING ANONIM SIRKETI
Komi Energosbytovaya Co OAO
Komitex JSC
Koninklijke Vopak N.V.
Korea East-West Power Co., Ltd.
KOREA LINE CORPORATION
Korea Midland Power Co., Ltd
Korea National Oil Corporation
Korea South-East Power Co., Ltd
Korea Southern Power Co., Ltd.
Korea Western Power Co., Ltd
KoreaGasCorporation
Korporatsiya Takticheskoe Raketnoe Vooruzhenie OAO
Korporatsiya Takticheskoe Raketnoe Vooruzhenie OAO
Korshynov Mining Plant PJSC
KOSMOS ENERGY LTD.
KOT Addu Power Company Ltd
Kovrovskiy Mekhanicheskiy Zavod OAO
Krasfarma OAO
Krasnoyarskenergosbyt PJSC
Krasnoyarsknefteproduct
Krasnyy Ochyabr PJSC
Kriogenmash PAO
KSB Limited
KSB SE & Co. KGaA
KT&G Corp.
KTK Group Co., Ltd.
Kuban Trunk Grid
KuibyshevAzot PJSC
KUNLUN ENERGY COMPANY LIMITED
Kurganskaya Generiruyushchaya Kompaniya PAO
Kuzbasskaya Toplivnaya Co JSC
Lalpir Power Ltd
LandBridge Co LLC
Larsen & Toubro Limited
Leidos, Inc.
Lengazspecstroy OAO
Lens Technology Co Ltd
Lenzoloto PJSC
Li Ning Company Limited
LIG Corp.
LIG Nex1 Co., Ltd.
Litu Holdings Limited
Lockheed Martin Corporation
Lorillard LLC
LOUISVILLE GAS AND ELECTRIC COMPANY
LSR Group PJSC
LT Group, Inc.
LUKOIL PJSC
Luthai Textile Co Ltd
Luxshare Precision Industry Co Ltd
LX Holdings Corp.
LX INTERNATIONAL CORP.
LyondellBasell Industries N.V.
M.Video PJSC
Magadanenergo PJSC



Magnit PJSC
Magnitogorsk Iron & Steel Works PJSC
MAGNOLIA OIL & GAS CORPORATION
MAHANAGAR GAS LIMITED
MALAKOFF CORPORATION BERHAD
MARATHON OIL CORPORATION
Marathon Petroleum Corp
MARATHON PETROLEUM CORPORATION
Mari Energies Ltd
MARTIN MIDSTREAM PARTNERS L.P.
Marubeni Corporation
MATADOR RESOURCES COMPANY
Mechel PJSC
MEG Energy Corp.
MegaFon PJSC
Metafrax OAO
Metallurgical Corporation of China
Mikron JSC
Minerva SA
MISC BERHAD
MITSUBISHI MATERIALS CORPORATION
Mitsui O.S.K. Lines, Ltd.
Mitsuuroko Group Holdings Co.,Ltd.
MMC Norilsk Nickel PJSC
Mobile TeleSystems PJSC
MOL Magyar Olaj- es Gazipari Nyilvanosan
Mukodo Reszvenytarsasag
MONGOLIAN MINING CORPORATION
MONONGAHELA POWER COMPANY
Moscow City Telephone Network PJSC
Moscow Exchange MICEX-RTS PJSC
Mosenergo PJSC
Mostotrest PJSC
MOTOR OIL (HELLAS) CORINTH REFINERIES S.A.
MPLX LP
MSU Energy S.A.
MTAR Technologies Ltd.
Muhibbah Engineering (M) Bhd.
MURPHY OIL CORPORATION
N.V. Nederlandse Gasunie
NABORS INDUSTRIES LTD.
Namhae Chemical Corp
Nanjing Tanker Corporation
NAPHTHA ISRAEL PETROLEUM CORP. LTD.
NATIONAL FUEL GAS COMPANY
National Gas and Industrialization Company
SJSC
NATIONAL REFINERY LIMITED
NATURAL RESOURCE PARTNERS L.P.
Naturgy Energy Group, S.A.
Nauchno-Proizvodstvennoe Obedinenie S plav
OAO
NAVA LIMITED
NC Rosneft- Kubanefteproduct PJSC
NCC LIMITED
Neste Oyj
NEVADA POWER COMPANY
NEW FORTRESS ENERGY INC.
NEW HOPE CORPORATION LIMITED
NEW JERSEY RESOURCES CORPORATION
Newfoundland and Labrador Hydro
NEXTDECADE CORPORATION
Ngan Son JSC
NGL ENERGY PARTNERS LP
Nikotiana BT Holding AD
Ningxia Baofeng Energy Group Co., Ltd.
Nippon Yusen Kabushiki Kaisha
Nishat Chunian Power Ltd
Nishat Power Ltd
NISOURCE INC.
Nitel OAO
Nizhegorodoblغاز OAO
Nizhnekamskneftekhim PJSC
NLC INDIA LIMITED
NOBLE CORPORATION PLC
NORFOLK SOUTHERN CORPORATION
North Atlantic Trading Co., Inc.
NORTHERN OIL AND GAS, INC.
NORTHWEST NATURAL HOLDING COMPANY
NOVA SCOTIA POWER INCORPORATED
Novatek PJSC
Novikombank AO
Novolipetsk Steel PJSC
Novorosiexport OAO
Novorossiysk Commercial Sea Port PJSC

Novorossiyskiy Kombinat Khleboproduktov
PAO
NRW HOLDINGS LIMITED
NTC Industries Ltd.
NTPC LIMITED
NTPC Ltd
NUVISTA ENERGY LTD.
Obnyftegazgeologia OJSC
OBSIDIAN ENERGY LTD.
OCCIDENTAL PETROLEUM CORPORATION
OCP SA
ODAS ELEKTRIK URETIM SANAYI TICARET
ANONIM SIRKETI
ODFJELL DRILLING LTD
OFILM Group Co., Ltd.
OGK-2 PJSC
OGLETHORPE POWER CORP
Oil & Natural Gas Corp
Oil and Gas Development Co Ltd
OIL AND NATURAL GAS CORPORATION LIMITED
OIL INDIA LIMITED
OIL REFINERIES LTD.
OMV Aktiengesellschaft
ONE GAS, INC.
ONEOK, INC.
ONGC Videsh Ltd.
OPC Energy Ltd.
OQ EXPLORATION AND PRODUCTION SAOG
OQ Gas Networks SAOC
OQ SAOC
Oracle Power PLC
Ordtch Military Industries
Organichesky Sintez PJSC
ORLEN SPOLKA AKCYJNA
OSAKA GAS CO., LTD.
Otkritie Bank OJSC
OVINTIV INC.
Ozon Holdings PLC
Pakistan Oilfields Ltd
Pakistan Ordnance Factories
Pakistan Petroleum Ltd
Pakistan Refinery Ltd
PAKISTAN STATE OIL COMPANY LIMITED
Pakistan Tobacco Co. Ltd.
PANTHEON RESOURCES PLC
PAR PACIFIC HOLDINGS, INC.
PARAMOUNT RESOURCES LTD.
Paratus Energy Services Ltd.
PAREX RESOURCES INC.
PARKLAND CORPORATION.
PATTERSON-UTI ENERGY, INC.
PAZ RETAIL AND ENERGY LTD
Pazardzhik BTM AD
PBF ENERGY INC.
PBF HOLDING COMPANY LLC
PEABODY ENERGY CORPORATION
PEMBINA PIPELINE CORPORATION
Permenergosbyt PJSC
PERMIAN RESOURCES CORPORATION
PERU LNG S.R.L.
PetroChina Company Limited
Petroleo Brasileiro S.A. (Petrobras)
Petroleos del Peru - Petroperu S.A.
Petroleos Mexicanos
Petroleum Trading Lao Public Co
PETROLIAM NASIONAL BERHAD (PETRONAS)
PETRON CORP.
PETRONAS DAGANGAN BERHAD
PETRONAS GAS BERHAD
PETRONET LNG LIMITED
Petropavlovsk PLC
PetroReconcavo S.A.
PETROTAL CORP.
PEYTO EXPLORATION & DEVELOPMENT CORP.
Pharmacy Chain 36.6 PJSC
Philip Morris (Pakistan) Ltd.
Philip Morris CR as
Philip Morris International Inc.
Philip Morris Operations AD
Phillips 66
PHILLIPS 66 PARTNERS LP
Phoenix Power Company SAOG
PhosAgro PJSC
Piedmont Natural Gas Company, Inc.
Pigment OJSC
PIK Group PJSC

PINGDINGSHAN TIANAN COAL. MINING CO., LTD.
PIONEER NATURAL RESOURCES COMPANY
PIPELINES ENBRIDGE INC.
PJSC SPC Energia
PLAINS ALL AMERICAN PIPELINE, L.P.
PLAINS GP HOLDINGS, L.P
Polymetal International Plc
Polyus PJSC
Poongsan Corp.
POONGSAN HOLDINGS Corp.
POSCO
Posco International Corp
Positive Group PJSC
Power Assets Holdings Limited
Power Construction Corporation of China
PPL CORPORATION
PRAIRIESKY ROYALTY LTD.
Precision Drilling Corporation
Premier Explosives Ltd.
Press Corporation Plc
Press Metal Aluminium Holdings Berhad
Press Metal Bhd.
Priargunsky Industrial Mining and Chemical Union OAO
Priisk Dambuki OAO
Prima Marine PCL
Primorie Bank PJSC
PRIO S.A.
PRODUCTIVE TECHNOLOGIES COMPANY LIMITED
Progress Energy, Inc.
Proizvodstvennoye Ob Yedineniye Severnoye Mashinostroitel'noye Predpriyatiye AO
Promigas S.A. E.S.P.
Promsvyazbank
PT ABM Investama Tbk
PT AKR Corporindo Tbk
PT Alamtri Resources Indonesia Tbk
PT Astra Agro Lestari Tbk
PT Astra International Tbk
PT Bakrie & Brothers Tbk
PT Barito Pacific Tbk
PT Bentoel International Investama Tbk
PT Bumi Resources Tbk
PT Cikarang Listrindo Tbk
PT Delta Dunia Makmur Tbk
PT Gudang Garam Tbk
PT Hanjaya Mandala Sampoerna Tbk
PT Harum Energy Tbk
PT Indika Energy Tbk
PT Indo Tambangraya Megah Tbk
PT Indofood Sukses Makmur Tbk
PT Indonesian Tobacco Tbk
PT Medco Energi Internasional Tbk
PT Pertamina (Persero)
PT Perusahaan Gas Negara Tbk
PT Perusahaan Listrik Negara (Persero)
PT Perusahaan Perkebunan London Sumatra Indonesia Tbk
PT Salim Ivomas Pratama Tbk
PT Sawit Sumbermas Sarana Tbk
PT Soechi Lines Tbk
PT Timah Tbk
PT United Tractors Tbk
PT Wismilak Inti Makmur Tbk
PTT EXPLORATION AND PRODUCTION PUBLIC COMPANY LIMITED
PTT GLOBAL CHEMICAL PUBLIC COMPANY LIMITED
PUBLIC POWER CORPORATION S.A.
Pyxus International, Inc.
Qatar Electricity and Water Company Q.P.S.C.
Qatar Fuel Company QPSC
QATAR GAS TRANSPORT COMPANY LIMITED (NAKILAT) (QPSC)
QatarEnergy
Quadra Power Generation PJSC
R.J. Reynolds Tobacco Holdings, Inc.
Raizen Energia S.A.
RAMACO RESOURCES, INC.
RANGE RESOURCES CORPORATION
Raspadsкая OAO
RATCH GROUP PUBLIC COMPANY LIMITED
RATTANINDIA POWER LIMITED
Red Rock Resorts, Inc.



RELIANCE INFRASTRUCTURE LIMITED
RELIANCE POWER LIMITED
Renaissance Insurance Group JSC
Repsol S.A.
Reshef Technologies Ltd.
Reynolds American, Inc.
RILEY EXPLORATION PERMIAN, INC.
RING ENERGY INC.
Rio Zim Ltd.
RLX Technology, Inc.
Rosgosstrakh PJSC
Rosneft Oil Co PJSC
Rosseti Centre PJSC
Rosseti Kuban PJSC
Rosseti Lenenergo PJSC
Rosseti Moscow Region PJSC
Rosseti North Caucasus PJSC
ROSSETI PJSC
Rosseti Siberia PJSC
Rosseti South PJSC
Rosseti Volga PJSC
Rostec
Rostec Corp.
Rostec State Corp
Rostelecom PJSC
Rostovoblgaz PJSC
RUBIS SCA
RusHydro PJSC
Rusolovo PJSC
Ruspolimet OJSC
Russia Federation
Russian Agricultural Bank
Russian Agricultural Bank OJSC Via RSHB
Capital SA
Russian Aquaculture PJSC
Russian Direct Investment Fund
Russian Railways JSC
RussNeft PJSC
Ryazan Energy Retail Co PJSC
SA GESTION SECURITE DE STOCKS SECURITE
SABAL TRAIL TRANSMISSION, LLC
SABINE PASS LIQUEFACTION, LLC
SABLE OFFSHORE CORP.
SAIBU GAS HOLDINGS CO.,LTD.
SAIC Motor Corp. Ltd
Samaraenergo PJSC
Samarco Mineracao SA
SAMCHULLY CO.,LTD
Samolet Group
SAN MIGUEL CORPORATION
SAN-AI OBBLI CO., LTD.
Sandhar Technologies Limited
SANDRIDGE ENERGY, INC.
Santos
SANTOS LIMITED
Saratovskiy Neftepererabatyvayuschiy Zavod
PJSC
SARDA ENERGY & MINERALS LIMITED
Sasol Financing International Plc
Sasol Financing USA LLC
SASOL LIMITED
Sasol Ltd
Saudi Arabian Oil Company
Saudi Aramco Base Oil Company - Luberef
SJSC
Saudi Electricity Company SJSC
Sberbank of Russia PJSC
Sberbank of Russia Via SB Capital SA
Scandinavian Tobacco Group A/S
Schlumberger N.V.
SCOTLAND GAS NETWORKS PLC
Seadrill Limited
Segezha Group PJSC
Seligdar PJSC
SEBICORP INDUSTRIES LTD
Sembcorp Salalah Power and Water Company
SAOG
Semirara Mining and Power Corporation
SEMPRA
SENKO Group Holdings Co.,Ltd.
SEPLAT ENERGY PLC
SERICA ENERGY PLC
Severalmaz PAO
Severstal PAO
SFI PJSC

Shaanxi Coal and Chemical Industry Group Co.,
Ltd.
Shaanxi Coal Industry Company Limited
Shaanxi Jinye Science Technology &
Education Group Co., Ltd.
Shaanxi Yanchang Petroleum (Group) Co., Ltd
SHAN XI HUA YANG GROUP NEW ENERGY CO.,
LTD.
SHANDONG ENERGY GROUP CO., LTD
Shandong Finance Investment Group Co., Ltd.
SHANGHAI ELECTRIC POWER CO., LTD.
Shanghai Industrial Holdings Limited
Shanghai Shunho New Materials Technology
Co., Ltd.
Shanxi Coal International Energy Group Co.,
Ltd.
Shanxi Coking Coal Energy Group Co., Ltd.
Shanxi Lu'an Environmental Energy Dev. Co.,
Ltd
Shein
SHELF DRILLING HOLDINGS, LTD.
SHELL PLC
Shenergy Company Limited
Shenzhen Energy Group Co., Ltd.
Shenzhen Jinjia Group Co., Ltd.
Shenzhen Yinghe Technology Co., Ltd.
SHIPPING CORPORATION OF INDIA LIMITED
SHIZUOKA GAS CO.,LTD.
SHOUGANG FUSHAN RESOURCES GROUP
LIMITED
Shumen Tabac AD
SIAM CITY CEMENT PUBLIC COMPANY LIMITED
Sila Holding AD
SINANEN HOLDINGS CO., LTD.
SINCERE NAVIGATION CORPORATION
Sinnar Bidi Udyog Ltd.
Sinopec Kantons Holdings Limited
Sinotruk Hong Kong Ltd.
Sistema PJSC
SITAB
SITIO ROYALTIES CORP.
SJVN Lmt.
SK Discovery Co.,Ltd.
SK GAS LTD
SK Holdings Co
SK Inc.
SK Innovation Co Ltd
SK Innovation Co., Ltd.
Slantse Stara Zagora Tabac AD
Slavneft-Megionneftegaz PPO OAO
Slavneft-Megionneftegazgeologia OAO
Slavneft-Yaroslavnefteorgsintez OJSC
SLC Agricola SA
SM ENERGY COMPANY
Smoores International Holdings Limited
SNAM S.P.A.
SNT DYNAMICS Co., Ltd.
SNT Holdings Co., Ltd.
Societe Nationale d'exploitation Industrielle
des Tabacs
S-Oil Corporation
Sojitz Corporation
Sokolskiy Pulp & Paper
Solar Defence & Aerospace Ltd.
Solar Industries India Limited
Solikamsk Magnesium Plant OJSC
Sollers PJSC
South Bow Corporation
SOUTH JERSEY INDUSTRIES, INC.
South32
SOUTH32 LIMITED
Southern Copper
SOUTHERN GAS NETWORKS PLC
South-Kuzbass GRES OAO
SOUTHWESTERN ELECTRIC POWER COMPANY
SOUTHWESTERN ENERGY COMPANY
Sovcombank PJSC
Sovcomflot PJSC
Sovereign Wealth Fund Samruk-Kazyna Joint
Stock Company
SPARTAN DELTA CORP.
SPB Exchange PJSC
Special Machine Building & Metallurgy PJSC
Spire Inc.
SPP - distribucia, a.s.
Sredneurskij Medeplavilnyj Zavod OAO

STANMORE RESOURCES LIMITED
STAR GROUP, L.P.
Star Petroleum Refining Public Company
Limited
STATE POWER INVESTMENT CORPORATION
LIMITED
State-Owned Foreign Trade Unitary Enterprise
Belpetsvneshtech
STOLT-NIELSEN LIMITED
Strike Energy Ltd
Strumica Tabak AD
SUI NORTHERN GAS PIPELINES LIMITED
SUI SOUTHERN GAS COMPANY LIMITED
Sumiseki Holdings, Inc.
SUMITOMO CORPORATION
SUMMIT MIDSTREAM CORPORATION
SUNCOKE ENERGY, INC.
Suncor Energy Inc.
SUNOCO LP
Superior Plus Corp.
SURGE ENERGY INC
Surgutneftegas PJSC
SWAN ENERGY LIMITED
Swedish Match AB
Synthetic Moulders Ltd.
Sysmanzoloto OAO
Ta Ann Holdings Bhd
Taganrog Boiler-Making Works Krasny
kotelshchik PJSC
TALEN ENERGY CORP
TALOS ENERGY INC.
TAMARACK VALLEY ENERGY LTD.
TAMPA ELECTRIC COMPANY
Tanzania Cigarette Co. Ltd.
TAQA MOROCCO SA
TARGA RESOURCES CORP.
Tatneft PJSC
Tattelecom PJSC
TBEA
TBEA CO., LTD.
TC Energy Corporation
TCS Group Holding PLC
Tecipetrol S.A.
TEEKAY CORPORATION LTD.
TENAGA NASIONAL BERHAD
TENNESSEE GAS PIPELINE COMPANY, L.L.C.
TEREGA SA
TEREGA SAS
TERRACOM LIMITED
TEXAS EASTERN TRANSMISSION, LP
Texas Pacific Land Corp
Texhong Textile Group Limited
TGC-1 PJSC
TGC-2 PJSC
TGK-14 PJSC
Thai Oil Public Company Limited
The Day & Zimmermann Group, Inc.
THE GREAT EASTERN SHIPPING COMPANY
LIMITED
THE HONG KONG AND CHINA GAS COMPANY
LIMITED
THE HUB POWER COMPANY LIMITED
THE ISRAEL ELECTRIC CORP. LTD.
The Okinawa Electric Power Company,
Incorporated
THE SOUTHERN COMPANY
THE TATA POWER COMPANY LIMITED
THE WILLIAMS COMPANIES, INC.
Thungela Resources Ltd
Tian Lun Gas Holdings Limited
TIANDI SCIENCE & TECHNOLOGY CO.LTD
TIANJIN PORT DEVELOPMENT HOLDINGS
LIMITED
Tingo Group
TIPCO Asphalt Public Company Limited
TNS energo Nizhny Novgorod PJSC
TNS energo Rostov-on-Don PJSC
TNS Energo Voronezh PJSC
TNS energo Yaroslavl PJSC
TNS Energos PJSC
TOHO GAS CO., LTD.
Tohoku Electric Power Company,
Incorporated
TOKAI Holdings Corporation
Tokyo Electric Power Company Holdings,
Incorporated



TOKYO GAS CO.,LTD.
Tong Ren Tang Technologies Co., Ltd.
Tongling Nonferrous Metals Group
TOPAZ ENERGY CORP
TORM PLC
TotalEnergies SE
TOURMALINE OIL CORP.
Towngas Smart Energy Company Limited
Toyo Ventures Holdings Bhd.
TPI Polene Power Public Company Limited
TransAlta Corporation
TRANSCANADA PIPELINES LIMITED
Transcoal Pacific Tbk PT
TRANSCONTINENTAL GAS PIPE LINE
COMPANY, LLC
TransFin-M PAO
Transkapitalbank
TRANSMONTAIGNE PARTNERS LLC
Transocean Ltd.
Transportadora de Gas del Peru S.A.
Transportadora de Gas del Sur S.A.
TRANSPORTADORA DE GAS INTERNACIONAL
S.A. ESP
Trina Solar
Trinidad Generation Unlimited
TRI-STATE GENERATION AND TRANSMISSION
ASSOCIATION, INC.
TriSummit Utilities Inc.
TSL Ltd.
TUCSON ELECTRIC POWER COMPANY
Tulachermet PAO
Tulamashzavod
Tulanefteprodukt PJSC
TULLOW OIL PLC
TURKIYE PETROL RAFINERILERI ANONIM
SIRKETI
Turning Point Brands, Inc.
Turquoise Hill Resources Ltd.
Tutaev Motor Plant OAO
Tutunski Kombinat AD Pilep
Tverskoy Vagonostroitelny Zavod
Uchalinskiy Gorno-Obogatitelny Kombinat
OAO
Udmurtneft OAO
Ufaleynickel PJSC
Ugol'naya Kompaniya Yuzhnyy Kuzbass PAO
U-MING MARINE TRANSPORT CORPORATION
Union Investment Corp.

UNION PACIFIC CORPORATION
Union Tobacco & Cigarette Industries Co.
United Aircraft Corporation
United Co RUSAL International PJSC
United Credit Systems PJSC
UNITED ENERGY GROUP LIMITED
United Shipbuilding Corporation
United Wagon Co PJSC
Universal Corporation
Ural Bank for Reconstruction and
Development
Uralelektromed OAO
Uralkali PJSC
Uralsib Bank PJSC
Uralskaya Kuznitsa OAO
Uralvagonzavod
UTair Aviation PJSC
VAALCO ENERGY, INC.
Valaris Limited
VALERO ENERGY CORPORATION
VANTAGE DRILLING INTERNATIONAL
VAR ENERGI ASA
Varyeganneftegaz PJSC
Vector Group Ltd.
Vedanta Limited
Vedanta Resources Finance II Plc
Vedanta Resources Jersey Ltd.
Vedanta Resources Ltd
VEREN INC.
VERMILION ENERGY INC.
VERTEX ENERGY, INC.
Vibra Energia S.A.
Victory City International Holdings Ltd.
Vier Gas Transport GmbH
Viper Energy, Inc.
VITAL ENERGY, INC.
VITESSE ENERGY, INC.
VIVA ENERGY GROUP LIMITED
VK Co Ltd
Vnesheconombank Via VEB Finance PLC
Volcan Cia Minera SAA
VPR Brands LP
VSMPO-AVISMA Corp PJSC
VST Industries Limited
VTB Bank PJSC
Vyborg Shipyard PAO
W&T OFFSHORE, INC.
Walchandnagar Industries Ltd.

WASHINGTON H. SOUL PATTINSON AND
COMPANY LIMITED
WEATHERFORD INTERNATIONAL PUBLIC
LIMITED COMPANY
Wee-Cig International Corp.
West Indian Tobacco Co. Ltd.
WESTERN MIDSTREAM OPERATING, LP
Westshore Terminals Investment Corporation
WHITECAP RESOURCES INC.
WHITEHAVEN COAL LIMITED
Wilmar International Ltd
WINTIME ENERGY GROUP CO.,LTD.
WISCONSIN ELECTRIC POWER COMPANY
WISCONSIN POWER AND LIGHT COMPANY
WISCONSIN PUBLIC SERVICE CORPORATION
Woodside Energy
WOODSIDE ENERGY GROUP LTD
WORLD KINECT CORPORATION
World Trade Center Moscow PJSC
WTK Holdings Bhd
X5 Retail Group NV
Xinjiang Nonferrous Metal Industry Group Co
Ltd
Xinjiang Zhongthai Chemical
Yakutsk Fuel-Energy Co PJSC
Yakutskenergo PJSC
Yamaltransstroj PJSC
YANCOAL AUSTRALIA LTD
Yankuang Energy Group Company Limited
YINSON HOLDINGS BERHAD.
Youngor Group Co., Ltd.
YPF Sociedad Anonima
YTL CORPORATION BERHAD
YTL POWER INTERNATIONAL BERHAD
Yunnan Baiyao Group Co., Ltd.
Yuzhno-Ural'skij nikel'nyy kombinat PJSC
Yuzhural-Asko PJSC
Zavod Imeni VA Degtyareva OAO
Zen Technologies Ltd.
Zhejiang Zheneng Electric Power CO., LTD
Zhen Ding Technology Holding Ltd.
ZHONGYU ENERGY HOLDINGS LIMITED
Zijin International Capital Co., Ltd.
Zijin International Finance Co., Ltd.
Zijin Mining
ZIL PJSC
ZTE Corp

EU Climate Transition Benchmarks exclusions (CTB)

Activity based exclusions referred to in Commission Delegated Regulation (EU) 2022/1818, Article 12(a)-12(c) as further defined the [Exclusion Instruction](#).

Excluded Investments

22nd Century Group, Inc.
A-1 Group, Inc.
Abrau-Durso PJSC
AcBel Polytech, Inc.
Acron PJSC
Adani Abbot Point Terminal Pty Ltd.
Adani Enterprises
Adani Green Energy
Adani Ports & Special Economic Zones
Aeroflot PJSC
Aerospace Long-March International Trade
Co., Ltd.
AFGRI Ltd.
Aganeftegazgeologia OAO
Agrofirma Mcenskaya OAO
Al-Eqbal Co. for Investment Plc
Alfa-Bank
Almaz-Antei PAO
Alrosa PJSC
ALROSA-Nyurba PJSC
Altadis Emisiones Financieras SA
Altadis SA
Altria Group, Inc.
American Heritage International, Inc.
AMVIG Holdings Ltd.
Anhui GreatWall Military Industry Co., Ltd.

Anhui Military Industry Group Holding Co. Ltd.
Aphria
Arab Organization for Industrialization
Archer-Daniels Midland Co.
Arcis Resources Corp.
Arktikneftegazstroy OAO
Aryt Industries Ltd.
Asberry 22 Holdings, Inc.
Aselsan Elektronik Sanayi ve Ticaret AS
Asenovgrad Tabac AD
Ashoka Manufacturing Ltd
Atomic Energy Power Corp.
Avangard Bank PJSC
Avary Holding (Shenzhen) Co., Ltd.
Avibras Industria Aeroespacial SA
AviChina Industry & Technology
Aziyo Biologics, Inc.
B.A.T Capital Corp.
B.A.T. Finance BV
B.A.T. International Finance Plc
B.A.T. Netherlands Finance BV
BADECO ADRIA dd
Bajaj Hindustan Sugar Ltd.
Bamtonnelstroy
Bank Otkritie Financial Corp OJSC Via OFCB
Capital PLC

Bank Otkritie Financial Corp PJSC/Tochka
Bank Rossiya OAO
Bank St Petersburg PJSC
Bank ZENIT PJSC
Barrick (PD) Australia Finance Pty Ltd.
Barrick Gold
Barrick Gold Finance Co.
Barrick North America Finance LLC
Barrick TZ Ltd.
Bashneft PJSC
BAT Brasil
Beijing Tong Ren Tang Chinese Medicine Co.,
Ltd.
Beijing Tongrentang Co., Ltd.
Belon OJSC
Belspetsvneshtekhnika
Beluga Group PJSC
Bharat Dynamics Limited
Bharat Electronics Limited
Bharat Heavy Electricals Ltd
Black Sea Trade & Development Bank
BRF SA
British American Tobacco Argentina SAICYF
British American Tobacco Australasia Ltd.
British American Tobacco Bangladesh
Company Limited



British American Tobacco Chile Operaciones SA
British American Tobacco Co. Ltd.
British American Tobacco Holdings (The Netherlands) BV
British American Tobacco Italia SpA
British American Tobacco Kenya Plc
British American Tobacco Malaysia Bhd.
British American Tobacco Peru Holdings Ltd.
British American Tobacco plc
British American Tobacco Uganda Ltd.
British American Tobacco Yava Jsc
British American Tobacco Zambia PLC
British American Tobacco Zimbabwe Ltd.
Bulgartabac Holding AD
Bunge Alimentos SA
Bunge Brasil SA
Bunge Finance Europe BV
Bunge Ltd
Bunge Ltd. Finance Corp.
Bunge NA Finance LP
Cargill
Carreras Ltd.
Cat Loi JSC
Center for Cargo Container Traffic
TransContainer PJSC
Centerenergyholding JSC
Centrais Eletricas Brasileiras SA (Eletrobras)
Central Bank of the Russian Federation/The
Central Telegraph PJSC
Cetelem Bank
Ceylon Tobacco Company Plc
Changhong Meiling Co., Ltd.
Charlie's Holdings, Inc.
Chelyabinsk Forge & Press Plant PJSC
Chelyabinsk Metallurgical Plant PJSC
Chelyabinsk Pipe Plant PJSC
Cherkizovo Group PJSC
China Aerospace Science & Industry Corp. Ltd.
China Aerospace Science & Technology Corp.
China Boton Group Company Limited
China Coal Energy Co Ltd
China National Nuclear Corp.
China National Petroleum Corporation (CNPC)
China North Industries Corp.
China North Industries Group Corp. Ltd.
China Nuclear Engineering & Construction Corp. Ltd.
China Poly Group Corp. Ltd.
China Shipbuilding Industry Co., Ltd.
China Tobacco International (HK) Company Limited
China Traditional Chinese Medicine Holdings Co. Ltd.
Chrezvichainaia strahovaia co CHSK OAO
CNOOC Canada, Inc.
CNOOC Curtis Funding No. 1 Pty Ltd.
CNOOC Finance [2003] Ltd.
CNOOC Finance [2011] Ltd.
CNOOC Finance [2012] Ltd.
CNOOC Finance [2013] Ltd.
CNOOC Finance [2014] ULC
Cnooc Finance [2015] Australia Pty Ltd.
CNOOC Finance [2015] U.S.A. LLC
CNOOC Ltd
Coka Duvanska Industrija AD
Commercial Sea Port of Vladivostok PJSC
Companhia Energetica De Minas Gerais (CEMIG)
Conoco Funding Co.
ConocoPhillips
ConocoPhillips Australia Funding Co.
ConocoPhillips Canada Funding Co. I
ConocoPhillips Canada Funding Co. II
ConocoPhillips Co.
Consolidated Cigar Holdings, Inc.
CoreCivic Corp
Credit Bank of Moscow PJSC
CTO Co. Ltd.
Dalmoreprodukt
Daqo New Energy Corp.
Defence Industries Organization
DTE Energy Co
Dupnitsa-Tabak AD
Dushanzi Petrochemical Company
Duvanska Industrija AD Bujanovac

Duvanski Kombinat ad Podgorica
Eastern Co. (Egypt)
Elbit Systems Ltd.
Elektrostal OAO
Elentec Co., Ltd.
ElSewedy Electric Co
EM-Tech. Co., Ltd.
EN+ Group International PJSC
Enbridge Inc
ENEL RUSSIA PJSC
Energospecmontazh
Energy Transfer Equity LP
Energy Transfer Operating LP
European Eltech PJSC
Evraz Plc
Eximbank of Russia
Exxon Mobil Corporation
Far-Eastern Energy Co PJSC
Far-Eastern Shipping Co PLC
Federal Grid Co Unified Energy System PJSC
First Pacific Company Limited
Formosa Chemicals & Fibre Corp.
Formosa Taffeta Co., Ltd.
Freeport McMoRan
Gaikiiy GOK OAO
Gazkon PJSC
Gazprom Gazoraspredelenie Syktyvkar AO
Gazprom Neft PJSC
Gazprom PJSC
Gazprom PJSC Via Gaz Capital SA
Gazprom PJSC via Gaz Finance PLC
Gazprombank
Gaz-service PJSC
GAZ-Tek PJSC
GCL New Energy Holdings Limited
GCL Technology
GCM Resources plc
Gemini Group Global Corp.
GenBank
Genting Bhd
Genting Plantations Berhad
GEO Group
Geotech Seismic Services PJSC
Gilla, Inc.
Giprospeitzgaz OAO
Glencore
Godfrey Phillips India Ltd.
Golden Agri-Resources Ltd
Golden Tobacco Ltd.
Gotse Delchev Tabac AD
Grand Pharmaceutical Group Ltd.
Greenlane Holdings, Inc.
Grupo Mexico SAB de CV
Gruppa kompaniy kommunalnuy sfery PAO
Gtlk Europe Capital DAC
Guangdong DFP New Material Group Co., Ltd.
Guangdong New Grand Long Packing Co., Ltd.
Halcyon Agri Corp Ltd
HALS-Development PJSC
Haoxiangni Health Food Co., Ltd.
Harmony Gold Mining Co Ltd
Harrys Manufacturing Inc.
HIKVision
Hoang Long Group
Honeys Holding
Hoshine Silicon Industry Co., Ltd.
Hotel Kosmos OAO
Hrvatski Duhani dd
Huabao International Holdings Limited
Huaihe Energy (Group) Co., Ltd.
Human Stem Cells Institute PJSC
Icon Vapor, Inc.
IDGC of Centre and Volga Region PJSC
IDGC of the North-West PJSC
IDGC of Urals JSC
IMA T&T SpA
Imperial Brands Finance Netherlands BV
Imperial Brands Finance Plc
Imperial Brands PLC
Imperial Oil Ltd
Indofood Agri Resources Ltd.
Ingosstrakh Insurance Co
INGRAD OOO
Inner Mongolia Baotou Steel Union Co
Inter RAO UES PJSC
INVEST-DEVELOPMENT PJSC

IOI Corporation Berhad
IOI Investment Labuan Bhd.
Irkutskenergo PJSC
Ispire Technology, Inc.
ITC Limited
Izhorskiye Zavody PJSC
Japan Tobacco, Inc.
Jastrzebska Spolka Weglowa SA
JBJ Technologies Ltd.
JBS Finance II Ltd.
JBS SA
JBS USA Finance, Inc.
JBS USA LLC
Jerusalem Cigarette Co. Ltd.
JG Summit Holdings, Inc.
Jiangsu Guotai International Group Co., Ltd.
Jiangxi Copper Co Ltd
Jinko Solar Co
JMW LPS Ltd.
Jointown Pharmaceutical Group Co., Ltd.
JSC Kalashnikov
JT International Financial Services BV
Kalugaputmarsh
Kaluzsky Plant of Automobile Electrical Equipment OAO
Kamaz PJSC
Kamchatskenergo PJSC
Karelia Tobacco Co., Inc.
Khanty-Mansiyskstroy OAO
Khyber Tobacco Co. Ltd.
KIBO Energy PLC
Kimree, Inc.
Kinetic Development Group Limited
Komi Energosbytovaya Co OAO
Komitex JSC
Korporatsiya Takticheskoe Raketnoe Vooruzhenie OAO
Korporatsiya Takticheskoe Raketnoe Vooruzhenie OAO
Korshynov Mining Plant PJSC
Kovrovskiy Mekhanicheskii Zavod OAO
Krasfarma OAO
Krasnoyarskenergosbyt PJSC
Krasnoyarsknefteproduct
Krasnyj Ocityabr PJSC
Kriogenmash PAO
KSB Limited
KSB SE & Co. KGaA
KT&G Corp.
KTK Group Co., Ltd.
Kuban Trunk Grid
KuibyshevAzot PJSC
Kurganskaya Generiruyushchaya Kompaniya PAO
Kuzbasskaya Toplivnaya Co JSC
Larsen & Toubro Limited
Leidos, Inc.
Lengazspecstroy OAO
Lens Technology Co Ltd
Lenzoloito PJSC
Li Ning Company Limited
LIG Corp.
LIG Nex1 Co., Ltd.
Litu Holdings Limited
Lockheed Martin Corporation
Lorillard LLC
LSR Group PJSC
LT Group, Inc.
LUKOIL PJSC
Luthai Textile Co Ltd
Luxshare Precision Industry Co Ltd
M.Video PJSC
Magadanenergo PJSC
Magnit PJSC
Magnitogorsk Iron & Steel Works PJSC
Marathon Petroleum Corp
Mechel PJSC
MegaFon PJSC
Metafrax OAO
Metallurgical Corporation of China
Mikron JSC
Minerva SA
MMC Norilsk Nickel PJSC
Mobile TeleSystems PJSC
Moscow City Telephone Network PJSC
Moscow Exchange MICEX-RTS PJSC



Mosenergo PJSC	Raspadskaya OAO	South32
Mostotrest PJSC	Red Rock Resorts, Inc.	Southern Copper
MTAR Technologies Ltd.	Renaissance Insurance Group JSC	South-Kuzbass GRES OAO
Muhibbah Engineering (M) Bhd.	Reshef Technologies Ltd.	Sovcombank PJSC
Nauchno-Proizvodstvennoe Obединenie S plav OAO	Reynolds American, Inc.	Sovcomflot PJSC
NC Rosneft- Kubanefteproduct PJSC	Rio Zim Ltd.	SPB Exchange PJSC
Ngan Son JSC	RLX Technology, Inc.	Special Machine Building & Metallurgy PJSC
Nikotiana BT Holding AD	Rosgosstrakh PJSC	Sredneurskij Medeplavilnyj Zavod OAO
Nitel OAO	Rosneft Oil Co PJSC	State-Owned Foreign Trade Unitary Enterprise
Nizhegorodoblغاز OAO	Rosseti Centre PJSC	Belspetsvneshtech
Nizhnekamskneftekhim PJSC	Rosseti Kuban PJSC	Strumica Tabak AD
North Atlantic Trading Co., Inc.	Rosseti Lenenergo PJSC	Surgutneftegas PJSC
Novatek PJSC	Rosseti Moscow Region PJSC	Swedish Match Ab
Novikombank AO	Rosseti North Caucasus PJSC	Synthetic Moulders Ltd.
Novolipetsk Steel PJSC	ROSSETI PJSC	Sysmanzoloto OAO
Novoroslesexport OAO	Rosseti Siberia PJSC	Ta Ann Holdings Bhd
Novorossiysk Commercial Sea Port PJSC	Rosseti South PJSC	Taganrog Boiler-Making Works Krasny
Novorossiyskiy Kombinat Khleboproduktov PAO	Rosseti Volga PJSC	kotelshchik PJSC
NTC Industries Ltd.	Rostec	Tanzania Cigarette Co. Ltd.
NTPC Ltd	Rostec Corp.	Tatneft PJSC
Obnyeftegazgeologia OJSC	Rostec State Corp	Tattelecom PJSC
OCP SA	Rostelecom PJSC	TBEA
OFILM Group Co., Ltd.	Rostovoblغاز PJSC	TCS Group Holding PLC
OGK-2 PJSC	Rushydro PJSC	Texhong Textile Group Limited
Oil & Natural Gas Corp	Rusolovo PJSC	TGC-1 PJSC
ONGC Videsh Ltd.	Ruspolimet OJSC	TGC-2 PJSC
Oracle Power PLC	Russia Federation	TGK-14 PJSC
Ordttech Military Industries	Russian Agricultural Bank	The Day & Zimmermann Group, Inc.
Organichesky Sintez PJSC	Russian Agricultural Bank OJSC Via RSHB	Tingo Group
Otkritie Bank OJSC	Capital SA	TNS energo Nizhny Novgorod PJSC
Ozon Holdings PLC	Russian Aquaculture PJSC	TNS energo Rostov-on-Don PJSC
Pakistan Ordnance Factories	Russian Direct Investment Fund	TNS Energo Voronezh PJSC
Pakistan Tobacco Co. Ltd.	Russian Railways JSC	TNS energo Yaroslavl PJSC
Pazardzhik BTM AD	RussNeft PJSC	TNS Energos PJSC
Permenergosbyt PJSC	Ryazan Energy Retail Co PJSC	Tong Ren Tang Technologies Co., Ltd.
PetroChina Company Limited	SAIC Motor Corp. Ltd	Tongling Nonferrous Metals Group
Petroleum Trading Lao Public Co	Samaranergo PJSC	Toyo Ventures Holdings Bhd.
Petropavlovsk PLC	Samarco Mineracao SA	TransFin-M PAO
Pharmacy Chain 36.6 PJSC	Samolet Group	Transkapitalbank
Philip Morris (Pakistan) Ltd.	Sandhar Technologies Limited	Trina Solar
Philip Morris CR as	Santos	TSL Ltd.
Philip Morris International Inc.	Saratovskiy Neftepererabatyvayuschiy Zavod PJSC	Tulachermet PAO
Philip Morris Operations AD	Sasol Financing International Plc	Tulamashzavod
Phillips 66	Sasol Financing USA LLC	Tulanefteprodukt PJSC
PhosAgro PJSC	Sasol Ltd	Turning Point Brands, Inc.
Pigment OJSC	Sberbank of Russia PJSC	Turquoise Hill Resources Ltd.
PIK Group PJSC	Sberbank of Russia Via SB Capital SA	Tutaev Motor Plant OAO
PJSC SPC Energia	Scandinavian Tobacco Group A/S	Tutunski Kombinat AD Prilep
Polymetal International Plc	Segezha Group PJSC	Tverskoy Vagonostroitelny Zavod
Polyus PJSC	Seligidar PJSC	Uchalinskiy Gorno-Obogatitelny Kombinat OAO
Poongsan Corp.	Severalmaz PAO	Udmurtneft OAO
POONGSAN HOLDINGS Corp.	Severstal PAO	Ufaleynickel PJSC
POSCO	SFI PJSC	Ugol'naya Kompaniya Yuzhnyy Kuzbass PAO
Posco International Corp	Shaanxi Jinye Science Technology & Education Group Co., Ltd.	Union Investment Corp.
Positive Group PJSC	Shanghai Industrial Holdings Limited	Union Tobacco & Cigarette Industries Co.
Power Construction Corporation of China	Shanghai Shunho New Materials Technology Co., Ltd.	United Aircraft Corporation
Premier Explosives Ltd.	Shein	United Co RUSAL International PJSC
Press Corporation Plc	Shenzhen Jinjia Group Co., Ltd.	United Credit Systems PJSC
Press Metal Aluminium Holdings Berhad	Shenzhen Yinghe Technology Co., Ltd.	United Shipbuilding Corporation
Press Metal Bhd.	Shumen Tabac AD	United Wagon Co PJSC
Priargunsky Industrial Mining and Chemical Union OAO	Sila Holding AD	Universal Corporation
Priisk Dambuki OAO	Sinnar Bidi Udyog Ltd.	Ural Bank for Reconstruction and Development
Primorie Bank PJSC	Sinotruk Hong Kong Ltd.	Uralektromed OAO
Proizvodstvennoye Ob Yedineniye Severnoye	Sistema PJSFC	Uralkali PJSC
Mashinostroitel'noye Predpriyatiye AO	SITAB	UralSib Bank PJSC
Promsvyazbank	SJVN Lmt.	Uralskaya Kuznitsa OAO
PT Astra Agro Lestari Tbk	SK Holdings Co	Uralvagonzavod
PT Astra International Tbk	SK Innovation Co Ltd	UTair Aviation PJSC
PT Bakrie & Brothers Tbk	Slantse Stara Zagora Tabac AD	Varyeganneftegaz PJSC
PT Barito Pacific Tbk	Slavneft-Megionneftegaz PPO OAO	Vector Group Ltd.
PT Bentoel International Investama Tbk	Slavneft-Megionneftegazgeologia OAO	Vedanta Limited
PT Gudang Garam Tbk	Slavneft-Yaroslavlnefteorgsintez OJSC	Vedanta Resources Finance II Plc
PT Hanjaya Mandala Sampoerna Tbk	SLC Agricola SA	Vedanta Resources Jersey Ltd.
PT Indofood Sukses Makmur Tbk	Smoore International Holdings Limited	Vedanta Resources Ltd
PT Indonesian Tobacco Tbk	SNT DYNAMICS Co., Ltd.	Victory City International Holdings Ltd.
PT Perusahaan Perkebunan London Sumatra Indonesia Tbk	SNT Holdings Co., Ltd.	VK Co Ltd
PT Salim Ivomas Pratama Tbk	Societe Nationale d'exploitation Industrielle des Tabacs	Vnesheconombank Via VEB Finance PLC
PT Sawit Sumbermas Sarana Tbk	Sokolskiy Pulp & Paper	Volcan Cia Minera SAA
PT Wismilak Inti Makmur Tbk	Solar Defence & Aerospace Ltd.	VPR Brands LP
Pyxus International, Inc.	Solar Industries India Limited	VSMPO-AVISMA Corp PJSC
Quadra Power Generation PJSC	Solikamsk Magnesium Plant OJSC	VST Industries Limited
R.J. Reynolds Tobacco Holdings, Inc.	Sollers PJSC	VTB Bank PJSC
		Vyborg Shipyard PAO
		Walchandnagar Industries Ltd.



Wee-Cig International Corp.
West Indian Tobacco Co. Ltd.
Wilmar International Ltd
Woodside Energy
World Trade Center Moscow PJSC
WTK Holdings Bhd
X5 Retail Group NV
Xinjiang Nonferrous Metal Industry Group Co Ltd

Xinjiang Zhongthai Chemical
Yakutsk Fuel-Energy Co PJSC
Yakutskenergo PJSC
YAmaltransstroj PJSC
Youngor Group Co., Ltd.
Yunnan Baiyao Group Co., Ltd.
Yuzhno-Ural'skij nikelevyj kombinat PJSC
Yuzhural-Asko PJSC
Zavod Imeni VA Degtyareva OAO

Zen Technologies Ltd.
Zhen Ding Technology Holding Ltd.
Zijin International Capital Co., Ltd.
Zijin International Finance Co., Ltd.
Zijin Mining
ZIL PJSC
ZTE Corp

Principal Adverse Impact Exclusions for Sustainable Investments

Principal Adverse Impact Exclusions cover companies that are not meeting the PAI Thresholds set out in the Danske Bank [Sustainable Investment Model Methodology paper](#).

Excluded Investments

A&T Corp.
ABC-MART, INC.
Abraxas Petroleum Corporation
abrdn Holdings Ltd.
ACC Limited
Acerias Paz del Rio SA
Acindar Industria Argentina de Aceros SA
Acron PJSC
ACTIVE BIOTECH AB
ACWA Power Co.
ACWA Power Management & Investments One Ltd.
Adana Cimento Sanayii TAS
Adani Power Limited
Advanced Disposal Services, Inc.
AECC Aviation Power Co., Ltd.
Aeon Tohoku Co. Ltd.
Aerospace Long-March International Trade Co., Ltd.
Afluente Transmissao de Energia Eletrica SA
African Oxygen (Pty) Ltd.
African Rainbow Minerals Ltd.
AGC Biologics SpA
AgJunction Inc.
AGL Energy Limited
Air Partner Ltd.
Aisha Steel Mills Ltd.
Akansa Cimento Sanayi ve Ticaret AS
Aker Offshore Wind AS
Aksa Enerji Uretim AS
Akzo Nobel Pakistan Ltd.
Al Jouf Cement Co.
Al Kamil Power Company SAOG
Al Rajhi Co. for Cooperative Insurance
Alcatel - Lucent Teletas Telekomunikasyon AS
Algoma Steel Group Inc.
Alto Central LLC
Alto Ingredients, Inc.
Alumina Limited
Aluminium Extrusion Industries Plc
Ameren Illinois Co.
Ampla Energia e Servicos SA
Andhra Paper Limited
Angang Steel Co., Ltd.
Anhui Conch Cement Company Limited
Anhui GreatWall Military Industry Co., Ltd.
Anhui Military Industry Group Holding Co. Ltd.
Anjani Portland Cement Ltd.
Anoto Group AB
Anwar Galvanizing Ltd.
Anyang Iron & Steel Co., Ltd.
A-Online Capital [A.O.C.] Ltd.
AP Alternative Portfolio AG
Apollo Power Ltd.
Arab Organization for Industrialization
Arabian Cement Co.
Arabian Cement Co. (Egypt)
A-Rank Berhad
ArcelorMittal Finance SA
ArcelorMittal Kryvyi Rih PJSC
ArcelorMittal SA
ArcelorMittal South Africa Ltd.
Arch Resources, Inc.
Archaea Energy Inc.
Arcplus Group PLC

ARIAKE JAPAN Co., Ltd.
Arise AB
Arrk Corp.
Arshiya Limited
Aryt Industries Ltd.
Ashiana Ispat Ltd.
Ashoka Manufacturing Ltd
Asia Cement (China) Holdings Corp.
ASIA CEMENT Co., Ltd.
Asia Cement Corp.
ASIA Holdings Co., Ltd.
Asia Mineral JSC
Asiana IDT, Inc.
Aslan Cimento AS
Asteel Group Berhad
Atlantic Petroleum P/F
Atlantska plovidba dd
Atomic Energy Power Corp.
Attock Cement Pakistan Ltd.
Aura Systems, Inc.
Australis Seafoods SA
Autometal SA
AVEO Pharmaceuticals, Inc.
Avibras Industria Aeroespacial SA
AviChina Industry & Technology Company Limited
Bac Kan Mineral JSC
Balkrishna Industries Limited
Balochistan Glass Ltd.
Bamburi Cement Co. Ltd.
Bangchak Sriracha Public Company Limited
Bank of Chengdu Co., Ltd.
Bank of Overseas Chinese
Banpu Power Public Co. Ltd.
Bantec, Inc.
Baoshan Iron & Steel Co., Ltd.
Bao-Trans Enterprises Ltd.
Barnwell Industries, Inc.
Bashneft PJSC
Basic Energy Services, Inc.
Bastas Baskent Cimento Sanayi ve Ticaret AS
BE Group AB
Bedmutha Industries Ltd.
Beijing Tong RenTang Co., Ltd.
Beijing-Shanghai High-Speed Railway Co., Ltd.
Bengang Steel Plates Co., Ltd.
Bharat Dynamics Limited
Bharat Heavy Electricals Limited
Biosearch SA
Birla Corporation Limited
Bisichi Plc
Bolu Cimento Sanayii AS
Bookook Steel Co., Ltd.
Borealis AG
Boso Oil & Fat Co., Ltd.
Boubyan Bank KSC
Brederode SA
BrewBilt Brewing Co.
Brikor Ltd.
Bristol & West Plc
Brondbyernes I.F. Fodbold A/S
Budapest Electricity Plc
Bumi Investment Pte Ltd.
Burgenland Holding AG
C&D Newin Paper & Pulp Corporation Limited

Caltagirone SpA
Can2 Termik AS
Canfor Pulp Products Inc.
Canvest Environmental Protection Group Company Limited
Captor Capital Corp.
CARIBBEAN UTILITIES COMPANY, LTD.
Carton de Colombia SA
Caspian Sunrise Plc
CCOM Group, Inc.
Celik Halat ve Tel Sanayii AS
CEMEDINE Co., Ltd.
Cementir Holding NV
Cemento Polpaico SA
Cementos Molins SA
CEMEX Holdings Philippines, Inc.
Centara Hotels & Resorts Leasehold Property Fund
CENTROTEC SE
Century Global Commodities Corporation
Cerveceria Nacional
CGN New Energy Holdings Co., Ltd.
CGN Power Co., Ltd.
CGX Energy Inc.
Chang Yee Steel Co., Ltd.
Changjiang Securities Co., Ltd.
Chaozhou Three-Circle (Group) Co., Ltd.
Chase Bright Steel Ltd.
Chemical Company of Malaysia Berhad
Cheng Shin Rubber Ind. Co., Ltd.
China Aerospace Science & Industry Corp. Ltd.
China Aerospace Science & Technology Corp.
China Bluechemical Ltd.
China Coal Energy Company Limited
China Coal Xinji Energy Co., Ltd.
China Hankang Holdings Ltd.
China ITS (Holdings) Co., Ltd.
China National Building Material Company Limited
China National Chemical Engineering Co., Ltd.
China National Nuclear Corp.
China North Industries Corp.
China North Industries Group Corp. Ltd.
China Nuclear Engineering & Construction Corp. Ltd.
China Oriental Group Company Limited
China Poly Group Corp. Ltd.
China Power International Development Limited
China Resource & Environment Co., Ltd.
China Resources Building Materials Technology Holdings Ltd.
China Resources Power Holdings Co., Ltd.
China Satellite Communications Co., Ltd.
China Shanshui Cement Group Limited
China Shipbuilding Industry Co., Ltd.
China Tianrui Group Cement Company Limited
China Traditional Chinese Medicine Holdings Co. Limited
China United Network Communications Ltd.
China West Construction Co., Ltd.
China Zenith Chemical Group Limited
Chinook Energy Inc.
Chongqing Changan Automobile Co. Ltd.
Chongqing Iron & Steel Company Limited



Chuo Kagaku Co., Ltd.
Ciech Group Financing AB
Cimentas Izmir Cimento Fabrikasi Turk AS
Cimsa Cimento Sanayi ve Ticaret AS
Citaglobal Berhad
Citic Pacific Special Steel Group Co., Ltd.
CITIC Press Corp.
Citizens JMP Group LLC
City Cement Co.
Cleco Corporate Holdings LLC
Cleco Power LLC
Cleveland-Cliffs Steel Holding Corporation
CMB Wing Lung Bank Ltd.
CMG Cleantech SA
CNOOC Finance [2003] Ltd.
CNOOC Finance [2011] Ltd.
CNOOC Finance [2012] Ltd.
CNOOC Finance [2013] Ltd.
CNOOC Finance [2014] ULC
CNOOC Finance [2015] Australia Pty Ltd.
CNOOC Finance [2015] U.S.A. LLC
CNOOC Limited
Coal India Ltd.
Co-Diagnostics, Inc.
Colorado Interstate Gas Co. LLC
Companhia Estadual de Geracao e Transmissao de Energia Eletri
Concrete Engineering Products Berhad
Consolidated Edison, Inc.
Construction Materials Industries & Contracting S.A.O.G.
Construtora Sultepa SA
Continental Gold, Inc.
CoreCivic, Inc.
Coreo AG
CORESTATE Capital Holding SA
Corsa Coal Corp.
Corvus Gold Inc.
Craft Brew Alliance, Inc.
Crestchic Ltd. (East Midlands)
Croatia Airlines dd
Cubic Digital Technology Co., Ltd.
D.G. Khan Cement Co. Ltd.
D/S Norden A/S
Da Nang Construction Building Materials Vicem JSC
DAE DONG STEEL Co., Ltd.
Daejoo Energy INnovation Technology Co., Ltd.
Dahlbusch AG
Dairibord Holdings Ltd.
Daiyang Metal Co., Ltd.
Dallah Healthcare Co.
Dalmia Bharat Limited
Dandot Cement Co. Ltd.
Dar Al Arkan Real Estate Development Co.
Data443 Risk Mitigation, Inc.
Datang International Power Generation Co., Ltd.
DCM Corp.
DCW Limited
De Grey Mining Limited
Deep Yellow Limited
Defence Industries Organization
Denbury, Inc.
Denison Mines Corp.
DeTai New Energy Group Limited
Dewan Cement Ltd.
DFCITY Group Bhd.
dhSteel
DNO North Sea Plc
Dominion Energy South Carolina, Inc.
DONG SUH Companies Inc.
DONGIL INDUSTRIES Co., Ltd.
DONGYANG S TEC Co., Ltd.
Dorogobuzh PJSC
DTE Energy Company
Duke Energy Ohio, Inc.
Duke Energy Progress LLC
Dukhan Bank QPSC
Dusit Thani Freehold and Leasehold Real Estate Investment Trust
Dynac Holdings Corp.
East African Cables Plc
Eastern Co. [Egypt]
Eastern Treads Ltd.
Ebara Corp.

Edesal Holding SA
Eisen- und Huettenwerke AG
EL Forge Ltd.
EL5-Energo PJSC
Elec & Eltek International Co. Ltd.
Electricite de Strasbourg SA
Electrotherm [India] Ltd.
Elektrobras Participacoes SA
Elutia Inc.
Emakina Group SRL
Emlak Konut Gayrimenkul Yatirim Ortakligi AS
Empresa Agroindustrial Pomalca SA
Empresa Distribuidora Sur SA
En+ Group International PJSC
Endo International Plc
ENEA SA
Energy Transfer LP
Eng Electric Co., Ltd.
ENGIE Energia Peru SA
Engro Corporation Limited
Entergy Louisiana LLC
Entergy Mississippi LLC
Entergy Texas, Inc.
Entergy Utility Property, Inc.
eRex Co., Ltd.
Eskom Holdings SOC Ltd.
ESL Steel Ltd.
Eterna Capital Pte Ltd.
Every Metro, Inc.
Evertz Technologies Limited
Exsa SA
Ezdan Holding Group
Facor Alloys Ltd.
Farmers Edge Inc.
Fauji Cement Co. Ltd.
Federal Grid Co. ROSSETI PJSC
Feishang Anthracite Resources Limited
Fengxing Co., Ltd.
Ferrocarri del Pacifico SA
Ferroglobe USA, Inc.
Fertilizantes Heringer SA
FIDOR Bank AG
First Metro Investment Corp.
FirstEnergy Corp.
FLSmith & Co. A/S
Flying Cement Co. Ltd.
Fonterra Shareholders' Fund
Formosa Petrochemical Corp.
Formosa Taffeta Co., Ltd.
Forward Energy PJSC
Forward Partners Group Plc
French Connection Group Ltd.
Friedman Industries, Incorporated
FuelCell Energy, Inc.
Fufeng Group Limited
Fujairah Cement Industries Co.
Fujian Funeng Co., Ltd.
Funcom SE
G J Steel Public Company Limited
GasLog Ltd.
Gaz Capital SA
Gaz Finance Plc
Gazprom Capital OOO
Gazprom Neft PJSC
Gazprom Neftekhim Salavat JSC
Gazprom PJSC
GCP Applied Technologies Inc.
GD Power Development Co., Ltd.
Gencor Industries, Inc.
General Mining Co. Plc
Genting Plantations Berhad
Geo Coal International Pte Ltd.
Geo Energy Resources Limited
GEOSTR Corp.
Ghandhara Tyre & Rubber Co. Ltd.
Giorgio Fedon & Figli SpA
Global Heavy Chemicals Ltd.
Glow Energy Public Company Limited
Golden Energy and Resources Limited
Golden Minerals Company
Golik Holdings Limited
GOO Chemical Co., Ltd.
Goodyear Lastikleri TAS
Gotion High-tech Co., Ltd.
Goyo Foods Industry Co., Ltd.
GPH Ispat Ltd.

GPI Poznan Sp zoo
Granite Oil Corp.
Great Harvest Maeta Holdings Limited
GRP Limited
GRP Limited
Grupa Azoty Zaklady Azotowe Pulawy SA
Guangdong Baoliuhua New Energy Stock Co., Ltd.
Guangdong Electric Power Development Co., Ltd.
Guangdong Investment Limited
Guangdong Zhongnan Iron & Steel Co., Ltd.
Guizhou Wire Rope Co., Ltd.
Gujarat Mineral Development Corporation Limited
GUJARAT NARMADA VALLEY FERTILIZERS & CHEMICALS LIMITED
Gulf Cement Co. PSC
Guyana Goldfields Inc.
Gyeongnam Steel Co., Ltd
Hail Cement Co.
Hallador Energy Company
Hangzhou Iron & Steel Co., Ltd.
HANIL CEMENT Co., Ltd.
Hanil Holdings Co., Ltd.
Hanil Hyundai Cement Co., Ltd.
HANJIN HEAVY INDUSTRIES & CONSTRUCTION HOLDINGS Co., Ltd.
Hanjin KAL Corp.
Hankook & Company Co., Ltd.
HANKOOK ATLASBX Co., Ltd.
HANKOOK STEEL Co., Ltd.
HANMI Semiconductor Co., Ltd.
Hanwha Galleria Timeworld Co., Ltd.
Harmony Gold Mining Co. Ltd.
HD Hyundai Electric Co., Ltd.
HD Hyundai Energy Solutions Co., Ltd.
Hedera Group AB
HEG Limited
Heidelberg Materials Bangladesh Plc
HeidelbergCement India Limited
Herborium Group, Inc.
Hibiscus Petroleum Berhad
Hidili Industry International Development Limited
HighPoint Resources Corporation
Hindustan Oil Exploration Company Limited
Hisar Metal Industries Ltd.
HLA Group Corp. Ltd.
Hoa Cam Concrete JSC
Hod - Assaf Industries Ltd.
Hokuetsu Metal Co., Ltd.
Holcim Ecuador SA
Home REIT Plc
Honbridge Holdings Limited
Honda Tsushin Kogyo Co., Ltd.
Hoshine Silicon Industry Co., Ltd.
HPSP Co., Ltd.
Huadian Energy Co., Ltd.
Huadian Power International Corporation Limited
Huaibei Mining Holdings Co., Ltd.
Huaneng Lancang River Hydropower Inc.
Huaneng Power International, Inc.
Huarui Electrical Appliance Co. Ltd.
Huaxin Cement Co., Ltd.
Huaxin Cement International Finance Co., Ltd.
Hubei Energy Group Co., Ltd.
Hunan Valin Steel Co., Ltd.
Huon Aquaculture Group Pty Ltd.
Hwa Fong Rubber Ind. Co., Ltd.
Hyundai BNG Steel Co., Ltd.
Hyundai Steel Co.
IAMGOLD Corporation
Iberdrola Australia Limited
Idea Bank SA
Ige+Xao SA
Ilyich Iron & Steel Works of Mariupol
Impex Ferro Tech Ltd.
Inducto Steel Ltd.
Industrial & Commercial Bank of China [Asia] Ltd.
Industrial & Commercial Bank of China [Thai] Public Co., Ltd.
Industrial Nanotech, Inc.
Informatics Education Ltd.



Inner Mongolia Baotou Steel Union Co. Ltd.
Inner Mongolia Junzheng Energy & Chemical Group Co., Ltd.
Inner Mongolia Mengdian Huaneng Thermal Power Corp. Ltd.
Inner Mongolia Yitai Coal Co., Ltd.
Inoue Rubber (Thailand) Public Co. Ltd.
Inter RAO UES PJSC
International Industries Ltd.
Interoil Exploration & Production ASA
IPALCO Enterprises, Inc.
Ipek Dogal Enerji Kaynaklari Arastirma ve Uretim AS
Irkutskenergo JSC
IT Tech Packaging, Inc.
Itamar Medical Ltd.
Ivanhoe Electric Inc.
Izhstal PAO
J.K. Cement Limited
Jadroplov dd
Jaiprakash Power Ventures Limited
JALUX, Inc.
Japan U-Pica Co., Ltd.
Jastrzebska Spolka Weglowa SA
Javedan Corporation Limited
Jayaswal NECO Industries Ltd.
JBJ Technologies Ltd.
Jeco Co., Ltd.
JEIL TECHNOS Co., Ltd.
Jersey Central Power & Light Co.
JFE Container Co., Ltd.
JG Summit Holdings, Inc.
Jiangsu Guoxin Corp. Ltd.
Jiangxi Copper Company Limited
Jiangxi Wannianqing Cement Co., Ltd.
Jinduicheng Molybdenum Co., Ltd.
Jinke Property Group Co., Ltd.
Jinneng Holding Shanxi Coal Industry Co., Ltd.
Jizhong Energy Resources Co., Ltd.
JK Lakshmi Cement Limited
JK Tyre & Industries Ltd.
JMV LPS Ltd.
Joby Aviation, Inc.
Jointown Pharmaceutical Group Co., Ltd.
JSW Energy Limited
Jura Energy Corporation
K. Kythreotis Holdings Public Ltd.
Kanani Industries Ltd.
Kanishk Steel Industries Ltd.
Kawasaki Kinkai Kisen Kaisha Ltd.
KB Insurance Co., Ltd.
KCP Ltd.
Kentucky Power Co.
Kentucky Utilities Co.
Kesoram Industries Limited
KEUM KANG STEEL Co., Ltd.
KIC Metaliks Ltd.
Kilburn Chemicals Ltd.
Kiler Holding AS
KNT-CT Holdings Co. Ltd.
Kobelco Eco-Solutions Co., Ltd.
Kobelco Wire Co., Ltd.
Kogi Corp.
Kohat Cement Co. Ltd.
Kona Grill, Inc.
Korea East-West Power Co., Ltd.
Korea Midland Power Co., Ltd.
Korea South-East Power Co. Ltd.
Korea Southern Power Co., Ltd.
KOREA STEEL Co., Ltd. (South Korea)
Korea Western Power Co., Ltd.
Krasnoyarsk Hydropower Plant JSC
Krypton Industries Ltd.
KSB Limited
KSB SE & Co. KGaA
Kum Yang Co., Ltd.
Kung Long Batteries Industrial Co., Ltd.
Kuwait Cement Co. KPSC
Kuwait Energy Plc
Lafarge Africa PLC
Laive SA
Lake Resources N.L.
Land and Houses Public Company Limited
LandMark Optoelectronics Corp.
Larsen & Toubro Limited
LEDO plus doo

Lee & Man Chemical Co. Ltd.
Lens Technology Co., Ltd.
LG&E & KU Energy LLC
Li Ning Company Limited
Liberty Group Limited
LIG Corp.
LIG Nex1 Co., Ltd.
Lilama 5 JSC
Lilama 69-1 JSC
Lilama Erection Mechanical JSC
Lingyuan Iron & Steel Co., Ltd.
Lion One Metals Limited
Liquefied Natural Gas Limited
Lockheed Martin Corporation
LogicBio Therapeutics, Inc.
Lohia Securities Ltd.
Loma Negra Compania Industrial Argentina SA
Losinjaska Plovidba - Holding dd
Louisville Gas & Electric Co.
LSR Group PJSC
Lubelski Wegiel BOGDANKA SA
Lucira Health, Inc.
Luks Group (Vietnam Holdings) Co., Ltd.
Luossavaara-Kiirunavaara AB
Luxury Real Estate Investment Fund
Lysaght Galvanized Steel Berhad
M&A Capital Partners Co. Ltd.
Magnum Ventures Ltd.
Mahamaya Steel Industries Ltd.
Majapahit Holding BV
Major Cineplex Lifestyle Leasehold Property Fund
Malakoff Corporation Berhad
Malakoff Power Bhd.
Malaysia Steel Works (KL) Bhd.
Manho Rope & Wire Co., Ltd.
Maple Leaf Cement Factory Ltd.
Massmart Holdings Ltd.
Mathios Refractory SA
Mechel PAO
Meghna Cement Mills Plc
Meisei Electric Co., Ltd.
Merafe Resources Ltd.
Meritor, Inc.
MESCO, Inc.
Metallinvest Holding Co. JSC
Metallurgical Corporation of China Ltd.
Metinvest BV
Metropolitan Edison Co.
Miju Steel Mfg. Co., Ltd.
Mississippi Power Co.
Mobile TeleSystems PJSC
Molitec Steel Co., Ltd.
Morella Corporation Limited
Mosaico Tecnologia ao Consumidor SA
Mosenergo OAO
Mouwasset Medical Services Co.
MRF Limited
MTAR Technologies Ltd.
Multi Solutions II, Inc.
Mutakamela Insurance Co.
mySafety Group AB
Maanshan Iron & Steel Company Limited
NACCO Industries, Inc.
Nahdi Medical Co.
Naigai Trans Line Ltd.
Najran Cement Co.
Nakayama Steel Works, Ltd.
Nampak Zimbabwe Ltd.
Nanjing Iron & Steel Co., Ltd.
National Aluminium Co. Ltd.
National Fertilizers Ltd.
National General Industries Ltd.
National Gypsum Co.
National Steel Industry Co.
Naturgy Chile Gas Natural SA
Nava Limited
Navios Maritime Acquisition Corporation
NCL Industries Ltd.
Nestle Cote d'Ivoire SA
Neturen Co., Ltd.
Nevada Power Co.
New Times Corporation Limited
NexJ Systems Inc.
Nichia Steel Works, Ltd.
Nihon Kogyo Co., Ltd.

Ningbo Deye Technology Co., Ltd.
Ningxia Building Materials Group Co., Ltd.
Ningxia Zhongke Biotechnology Co., Ltd.
Nippon Chutetsukan KK
Nippon Chuzo KK
Nippon Concrete Industries Co., Ltd.
Nippon Kayaku Co., Ltd.
Nippon Koshuha Steel Co., Ltd.
Nishishiba Electric Co., Ltd.
Nissin Electric Co. Ltd.
NLC India Ltd.
Noble Energy, Inc.
Noble Midstream Partners LP
North Hungarian Electricity Supply Plc
Northern Region Cement Co.
Northern States Power Co.
Northern States Power Co. (Wisconsin)
Northwest Pipeline LLC
Norwest Energy Pty Ltd.
Nova Iron & Steel Ltd.
Novolipetsk Steel
NTPC Limited
Nuh Cimento Sanayi AS
Nuvera Environmental Solutions, Inc.
Nuvoco Vistas Corp. Ltd.
OCBC Wing Hang Bank Ltd.
Ohio Power Co.
Oishi Group Public Company Limited
Oleo e Gas Participacoes SA
OMV Petrom SA
OPP Liquidating Co., Inc.
Oppein Home Group, Inc.
Optare Plc
Optos plc
Ordttech Military Industries
Orient Cement Limited
Oriental Petroleum and Minerals Corporation
ORLEN Unipetrol as
Ostasiatiska Kompagni A/S
Ozon Holdings Plc
PA Mining Complex LP
Pacific Drilling SA
Painted Pony Energy Ltd.
Pakistan Ordnance Factories
Pakistan Paper Products Ltd.
Pakistan Refinery Ltd.
Palace Capital Plc
Panchmahal Steel Ltd.
Panhandle Eastern Pipe Line Co. LP
PBF Logistics LP
Peabody Energy Corporation
Pennar Industries Limited
Pennsylvania Electric Co.
Perceptron, Inc.
Petrolium SE
PETRONAS Gas Berhad
Petrovietnam Power Corp.
PetroVietnam Power Nhon Trach 2 JSC
PGE Polska Grupa Energetyczna SA
PGE Sweden AB
Phillips 66
PhosAgro PJSC
PIK-specialized homebuilder PJSC
Pioneer Cement Ltd.
Pioneer Food Group Ltd.
Pla Matels Corp.
Polenergia SA
Politeknik Metal Sanayi ve Ticaret AS
Poongsan Corp.
POONGSAN HOLDINGS Corp.
POSCO INTERNATIONAL Corp.
POSCO STEELEON Co., Ltd.
POSCO-Thainox Public Company Limited
Power Assets Holdings Limited
Power Cement Ltd.
Power Construction Corporation of China, Ltd.
PPC Ltd.
Prakash Industries Limited
Premier Cement Mills Plc
Premier Explosives Ltd.
Prinx Chengshan Holdings Limited
Prism Johnson Limited
Protective Insurance Corporation
PSEG Power LLC
PT Astra International Tbk
PT Bumi Resources Minerals Tbk



PT Bumi Resources Tbk
PT Dian Swastatika Sentosa Tbk
PT Elnusa Tbk
PT Golden Eagle Energy TBK
PT Golden Energy Mines Tbk
PT Goodyear Indonesia Tbk
PT Indocement Tunggai Prakarsa Tbk
PT Indonesia Asahan Aluminium (Persero)
PT Lion Metal Works Tbk
PT Lionmesh Prima Tbk
PT Media Nusantara Citra Tbk
PT Organon Pharma Indonesia Tbk
PT Perusahaan Listrik Negara (Persero)
PT Semen Baturaja Tbk
PT Semen Indonesia (Persero) Tbk
PT Solusi Bangun Indonesia Tbk
Public Service Company of New Mexico
Public Service Enterprise Group Incorporated
Qatar Electricity & Water Co.
Qatar International Islamic Bank
Qatar National Cement Co.
Qatari Investors Group
Qemetica SA
QMC Co., Ltd.
Quang Nam Mineral Industry Corp.
Quickfood SA
Rainbow Tourism Group Ltd.
Raizen Centro-Sulsa SA
Rajasthan Tube Manufacturing Co. Ltd.
Rang Dong Holding JSC
Ranhill Utilities Bhd.
Rank Group Plc
Ras Al Khaimah Co. for White Cement & Construction Materials
Ratch Pathana Energy Public Company Limited
RattanIndia Power Limited
ReadyMix Plc
Red Rock Resorts, Inc.
Reliance Natural Resources Ltd.
Reliance Power Limited
Renewable Energy Group, Inc.
Reshef Technologies Ltd.
Resonac Corp.
RHB Securities (Thailand) Public Co., Ltd.
Risesun Real Estate Development Co., Ltd.
Riyadh Cement Co.
Roc Oil Co. Pty Ltd.
Rocket Internet SE
Rohit Ferro-Tech Ltd.
Rolling Optics Holding AB
Rostec Corp.
Rostelecom PJSC
Royal Boskalis BV
Royale Energy, Inc.
S&U plc
S.A.L. Steel Ltd.
Sabaf SpA
Sagar Cements Ltd.
Sahaviriya Steel Industries Public Co. Ltd.
Sai Son Cement JSC
SAIC Motor Corp. Ltd.
Saigon Plant Protection JSC
Saigon-Quy Nhon Mining Corp.
SAL Saudi Logistics Services Co.
Salzgitter AG
Salzgitter Finance BV
SAMHYUN STEEL Co., Ltd.
Samruk-Energy JSC
Samsung C&T Corp.
Sanan Optoelectronics Co. Ltd.
Sandhar Technologies Limited
Sangal Papers Ltd.
Sanghi Industries Ltd.
Sanok Rubber Company SA
Santos Limited
Sanyo Department Store Co., Ltd.
Sanyu Co., Ltd.
Sappi Ltd.
Saras SPA
Sasol Financing International Ltd.
Sasol Financing Ltd.
Sasol Financing USA LLC
Sasol Ltd.
Saudi Arabian Oil Co.
Saudi Electricity Co.
Saudi Electricity Global Sukuk Co.

Saudi Electricity Global Sukuk Co. - 2
Saudi Electricity Global Sukuk Co. - 3
Saudi Electricity Global Sukuk Co. - 5
Saudi Electricity Sukuk Programme Co.
Saudi Industrial Investment Group
Saudi Kayan Petrochemical Co.
Saurashtra Cement Ltd.
Schneider Electric President Systems Ltd.
Schumag AG
Scott Technology Limited
SDS Biotech KK
SeAH SPECIAL Steel Co., Ltd.
Selan Exploration Technology Ltd.
Semirara Mining & Power Corp.
Senex Energy Limited
Service Industries Ltd.
Shamal Az-Zour Al-Oula Power & Water Co.
KSCP
Shandong Iron & Steel Co., Ltd.
Shandong Jinling Mining Co., Ltd.
Shandong Linglong Tyre Co., Ltd.
Shanghai Electric Power Co., Ltd.
Shanjin International Gold Co., Ltd.
Shanxi Antai Group Co., Ltd.
Shanxi Coking Coal Energy Group Co., Ltd.
Shanxi Taigang Stainless Steel Co., Ltd.
Share Ltd.
Sharjah Cement & Industrial Development Co.
Shell Midstream Partners LP
Shenergy Co., Ltd.
Shenzhen Energy Group Co., Ltd.
Shenzhen Goodix Technology Co., Ltd.
Shenzhen Nanshan Power Co., Ltd.
Shenzhen Overseas Chinese Town Co., Ltd.
SHIN HWA DYNAMICS Co., Ltd.
Shinnaigai Textile Ltd.
Shoko Co., Ltd.
Shree Cement Limited
Shree Digvijay Cement Co. Ltd.
Shree Krishna Paper Mills & Industries Ltd.
Shreyans Industries Ltd.
Shri Keshav Cements & Infra Ltd.
Shaanxi Energy Investment Co., Ltd.
Siam City Cement Public Company Limited
Siam Steel Service Center Public Co., Ltd.
Sibanye Stillwater Australia Operations Pty Ltd.
Sichuan Road & Bridge Co., Ltd.
SideChannel, Inc.
Sidma SA Steel Products
Siemens Gamesa Renewable Energy SA
Sierra Pacific Power Co.
Sieyuan Electric Co., Ltd.
Sino-Life Group Limited
Sinosing Services Pte Ltd.
Sinotruk Hong Kong Ltd.
SKB dd
Slovnaft AS
SMC Investment Trading JSC
Smiles Fidelidade SA
SMN Corp.
SN Nuclearelectrica SA
SNT DYNAMICS Co., Ltd.
SNT Holdings Co., Ltd.
Societatea Nationala de Gaze Naturale
ROMGAZ SA
Societe Multinationale de Bitumes SA
Soda Sanayii AS
Solar Defence & Aerospace Ltd.
Solar Industries India Limited
Song Da 4 JSC
Sonic Foundry, Inc.
Southern Natural Gas Co. LLC
Southern Province Cement Co.
Southwestern Electric Power Co.
Southwestern Public Service Co.
Sow Good Inc.
Spancrete Corp.
Special Machine Building & Metallurgy PJSC
Spindletop Oil & Gas Co.
SSANGYONGC&E Co., Ltd.
St. Marys Cement Inc. (Canada)
Star Cement Limited
Starcore International Mines Ltd.
State-Owned Foreign Trade Unitary Enterprise
Belspetsvneshtech
Steel & Tube Holdings Limited

Steel Authority of India Limited
Steelcast Ltd.
Storm Resources Ltd.
Straits Energy Resources Berhad
Suez Cement Co.
Sumitomo Osaka Cement Co., Ltd.
Sumitomo Precision Products Co., Ltd.
Summit Power Ltd.
Sumo Group Ltd.
SunCoke Energy Partners Finance Corp.
SunCoke Energy Partners, L.P.
SunCoke Energy, Inc.
Sunflag Iron & Steel Co. Ltd.
SUNGSHIN CEMENT Co., Ltd.
SunPower Corporation
Sunpower Group Ltd.
Surgutneftegas PJSC
Surya Roshni Limited
Swaraj Engines Ltd.
Syncro Group AB
Synthetic Moulders Ltd.
System Energy Resources, Inc.
Tabuk Cement Co.
Taiga Gold Corp.
Taiheiyo Cement Corp.
Takahashi Curtain Wall Corp.
Takamisawa Co., Ltd.
Takasago Tekko KK
Takisawa Machine Tool Co., Ltd.
Talen Energy Corporation
TAM SA
Tamil Nadu Newsprint & Papers Ltd.
Tamilnadu Steel Tubes Ltd.
Tangshan Jidong Cement Co. Ltd.
Tanjung Bin Energy Issuer Bhd.
Tanjung Bin Energy Sdn. Bhd.
TAQA Morocco SA
Tata Steel (Thailand) Public Company Limited
Tata Steel BSL Limited
Tatneft PJSC
TBEA Co., Ltd.
TC PipeLines, LP
TCC Group Holdings CO., LTD.
TCC International Holdings Ltd.
Technical Communications Corporation
TECHNO ASSOCIE Co., Ltd.
TerraCom Limited
Tesson Holdings Ltd.
Texhong International Group Limited
Thai Agro Energy Public Co., Ltd.
Thai Energy Storage Technology Public Co. Ltd.
The Andhra Sugars Ltd.
The Day & Zimmermann Group, Inc.
The Dayton Power & Light Co.
The GEO Group, Inc.
The India Cements Limited
The Orissa Minerals Development Company Limited
The Philodrill Corp.
The Phoenix Advanced Investments Ltd
The Power & Water Utility Co. for Jubail & Yanbu
The Ramco Cements Limited
The Saudi Investment Bank
The Second Generation Co. of the Wholesale Power Market PJSC
The Tata Power Company Limited
The Toledo Edison Co.
Third Bench, Inc.
ThyssenKrupp AG
ThyssenKrupp Finance Nederland BV
Tianshan Material Co., Ltd.
Tien Trung Investment Construction and Technology Joint Stock Company
Titan Cement Co. SA
Titan Cement International SA
Titan Global Finance Plc
Toa Oil Co., Ltd.
Tohoku Steel Co., Ltd.
Token Corp.
Tokuyama Corp.
Tokyo Cement Company (Lanka) PLC
Tongling Nonferrous Metals Group Co., Ltd.
TONGYANG, Inc.
Top Kinisis Travel Public Ltd.
Torunlar Gayrimenkul Yatirim Ortakligi AS



TotalEnergies EP Gabon SA
Toyo Asano Foundation Co., Ltd.
TPI Polene Public Co. Ltd.
Tplex Co., Ltd.
Traction AB
Transcontinental Gas Pipe Line Co. LLC
Trinidad Cement Ltd.
Trinity Exploration & Production Plc
Tronic's Microsystems SA
Tulsyan NEC Ltd.
Turcas Petrol AS
Turk Prysmian Kablo ve Sistemleri A.S.
Turnall Holdings Ltd.
TVS Srichakra Limited
Twin Vee Powercats, Inc.
Tycoons Worldwide Group (Thailand) Public Co., Ltd.
Udaipur Cement Works Ltd.
Ultratech Cement Ltd.
Umm Al-Qaiwain General Investments Co. PSC
Umm Al-Qura Cement Co.
Unicorn Capital Partners Ltd.
Union Corp. (Korea)
Unipro PJSC
United Energy Group Limited
Universal Coal Plc
Unye Cimento Sanayi ve Ticaret AS
Urbana Property Fund (Lease hold)
URO Property Holdings SA
USA Truck, Inc.
USD Partners LP
Utoc Corp.
Vamshi Rubber Ltd.
Vanti SA ESP
Vardhman Special Steels Ltd.

Varteks dd
Vassiliko Cement Works Public Co. Ltd.
Vaulted Gold Bullion Trust
Vedanta Resources Finance II Plc
Vedanta Resources Jersey Ltd.
Vedanta Resources Ltd.
VIA optronics AG
Vianini Lavori SPA
Vicat SA
VICEM But Son Cement JSC
Vicem Gypsum & Cement JSC
Vicem Ha Tien Cement JSC
Vidler Water Resources, Inc.
Vietnam Germany Steel Pipe JSC
Vietnam National Petroleum Corp.
Village Super Market, Inc.
Vinacomin - HaLam Coal JSC
Vinaship JSC
Virgin Galactic Holdings, Inc.
Vistra Corp.
Vistra Operations Co. LLC
Vnsteel - Vicasa JSC
Volgogradenergosbyt OAO
Votorantim Cimentos SA
Vueling Airlines SA
Vulcan Energy Resources Ltd.
Walchandnagar Industries Ltd.
Welcast Steels Ltd.
West China Cement Limited
Western Areas Ltd.
White Group Public Company Limited
Willdale Ltd.
Wintek Corp.
Wintime Energy Group Co., Ltd.
Wisconsin Electric Power Company

Wisconsin Power & Light Co.
Wisconsin Public Service Corp.
Wockhardt Bio AG
Wolfspeed, Inc.
Wonil Special Steel Co., Ltd.
Wuhan Iron & Steel Co., Ltd.
Wyeth Pakistan Ltd.
Xingda International Holdings Limited
Xinyu Iron & Steel Co., Ltd.
Xiwang Property Holdings Company Limited
Yachiyo Industry Co., Ltd.
Yakutsk Fuel & Energy Co. PJSC
Yamaha Motor Robotics Holdings Co., Ltd.
Yamamah Saudi Cement Co.
YAMAU HOLDINGS CO., LTD.
Yamax Corp.
Yanbu Cement Co.
Yangzijiang Shipbuilding (Holdings) Ltd.
Yankuang Energy Group Co., Ltd.
Yashima Denki Co., Ltd.
Yashraj Containeurs Ltd.
Yonkyu Co., Ltd.
Yoshicon Co., Ltd.
Yunnan Baiyao Group Co., Ltd.
ZEAG Energie AG
Zen Technologies Ltd.
Zenith Steel Pipes & Industries Ltd.
Zhejiang Kangsheng Co., Ltd.
Zhejiang Longsheng Group Co., Ltd.
Zhejiang Zheneng Electric Power Co., Ltd.
Zhengzhou Coal Industry & Electric Power Co., Ltd.
Zhongjin Gold Corp. Ltd.

This document reflects the currently applicable exclusion lists under each exclusion category of the Danske Bank Exclusion Instruction. This means that companies/issuers mentioned on each of the lists with a few exemptions are 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. The exclusion lists set out in this document capture updates made with the bi-annual exclusion update in May 2025. While we strive to update the exclusion lists to always reflect the current uninvestable universe per the different categories, there may be situations where the published lists are not fully reflecting applicable exclusions as a result of e.g. operational implementation and market abuse requirements.



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