

# Responsible Investing Exclusions

## Exclusions

Company name	Country	Industry Involvement
S&T Dynamics Co. Ltd.	South Korea	Anti-Personnel Mines
S&T Holdings Co., Ltd.	South Korea	Anti-Personnel Mines
Anhui GreatWall Military Industry Co., Ltd.	China	Cluster Weapons
Aryt Industries Ltd.	Israel	Cluster Weapons
Aselsan Elektronik Sanayi ve Ticaret AS	Turkey	Cluster Weapons
LIG Nex1 Co Ltd	South Korea	Cluster Weapons
Poongsan Corporation	South Korea	Cluster Weapons
Poongsan Holdings Corporation	South Korea	Cluster Weapons
Aerojet Rocketdyne Holdings Inc	United States	Nuclear Weapons
Airbus SE	Netherlands	Nuclear Weapons
BAE Systems PLC	United Kingdom	Nuclear Weapons
Bharat Dynamics Limited	India	Nuclear Weapons
Brookfield Asset Management Inc.	Canada	Nuclear Weapons
Brookfield Business Partners L.P.	Bermuda	Nuclear Weapons
BWX Technologies, Inc.	United States	Nuclear Weapons
Dassault Aviation S.A.	France	Nuclear Weapons
Ducommun Inc	United States	Nuclear Weapons
Fluor Corp.	United States	Nuclear Weapons
General Dynamics Corp	United States	Nuclear Weapons
Honeywell International Inc	United States	Nuclear Weapons
Huntington Ingalls Industries, Inc.	United States	Nuclear Weapons
Jacobs Engineering Group Inc	United States	Nuclear Weapons
L3Harris Technologies, Inc.	United States	Nuclear Weapons
Leonardo S.p.a.	Italy	Nuclear Weapons
Lockheed Martin Corp	United States	Nuclear Weapons
Moog Inc	United States	Nuclear Weapons
Northrop Grumman Corp.	United States	Nuclear Weapons
Raytheon Technologies Corp.	United States	Nuclear Weapons
Safran SA	France	Nuclear Weapons
Serco Group PLC	United Kingdom	Nuclear Weapons
Textron Inc.	United States	Nuclear Weapons
Thales SA	France	Nuclear Weapons
The Boeing Company	United States	Nuclear Weapons
Ultra Electronics Holdings PLC	United Kingdom	Nuclear Weapons
Walchandnagar Industries Ltd.	India	Nuclear Weapons

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
22nd Century Group Inc	United States	Tobacco
Al-Eqbal Co. for Investment Plc	Jordan	Tobacco
Altria Group Inc.	United States	Tobacco
ARKO Corp.	United States	Tobacco
B.A.T. Capital Corp.	United States	Tobacco
B.A.T. International Finance p.l.c.	United Kingdom	Tobacco
BADECO ADRIA dd	Bosnia-Herzegovina	Tobacco
BAT Brasil	Brazil	Tobacco
British American Tobacco Bangladesh Co.	Bangladesh	Tobacco
British American Tobacco Chile Operaciones S.A.	Chile	Tobacco
British American Tobacco Holdings (The Netherlands) B.V.	Netherlands	Tobacco
British American Tobacco Kenya Ltd.	Kenya	Tobacco
British American Tobacco Malaysia Bhd.	Malaysia	Tobacco
British American Tobacco p.l.c.	United Kingdom	Tobacco
British American Tobacco Uganda Ltd.	Uganda	Tobacco
British American Tobacco Zambia Plc	Zambia	Tobacco
British American Tobacco Zimbabwe Ltd.	Zimbabwe	Tobacco
Bulgartabac Holding AD	Bulgaria	Tobacco
Ceylon Tobacco Co PLC	Sri Lanka	Tobacco
China Boton Group Co., Ltd.	Hong Kong	Tobacco
Coka Duvanska Industrija AD	Serbia	Tobacco
CTO Public Co. Ltd.	Cyprus	Tobacco
Duvanska Industrija a.d. Bujanovac	Serbia	Tobacco
Eastern Co. (Egypt)	Egypt	Tobacco
Godfrey Phillips India Ltd.	India	Tobacco
Golden Tobacco Ltd	India	Tobacco
Gotse Delchev Tabac AD	Bulgaria	Tobacco
Haci Ömer Sabanci Holding A.S.	Turkey	Tobacco
Hoang Long Group	Vietnam	Tobacco
Imperial Brands Finance Plc	United Kingdom	Tobacco
Imperial Brands PLC	United Kingdom	Tobacco
ITC Ltd.	India	Tobacco
Japan Tobacco Inc.	Japan	Tobacco
Jerusalem Cigarette co. LTD.	Palestinian Authority	Tobacco
JT International Financial Services BV	Netherlands	Tobacco
Karelia Tobacco Co., Inc.	Greece	Tobacco
Khyber Tobacco Co Ltd	Pakistan	Tobacco
KT&G Corp	South Korea	Tobacco
Lorillard, LLC	United States	Tobacco
LT Group, Inc.	Philippines	Tobacco
Ngan Son JSC	Vietnam	Tobacco
Nikotiana BT Holding AD	Bulgaria	Tobacco
NTC Industries Ltd	India	Tobacco

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Old Holdco, Inc.	United States	Tobacco
Pakistan Tobacco Co. Ltd.	Pakistan	Tobacco
Philip Morris (Pakistan) Ltd.	Pakistan	Tobacco
Philip Morris CR a.s.	Czech Republic	Tobacco
Philip Morris International Inc.	United States	Tobacco
Philip Morris Operations AD	Serbia	Tobacco
PT Bentoel International Investama Tbk	Indonesia	Tobacco
PT Gudang Garam Tbk	Indonesia	Tobacco
PT Hanjaya Mandala Sampoerna Tbk	Indonesia	Tobacco
PT Indonesian Tobacco Tbk	Indonesia	Tobacco
PT Wismilak Inti Makmur Tbk	Indonesia	Tobacco
Pyxus International, Inc.	United States	Tobacco
Reinet Investments S.C.A.	Luxembourg	Tobacco
Reynolds American Inc.	United States	Tobacco
Scandinavian Tobacco Group A/S	Denmark	Tobacco
Shanghai Industrial Holdings Ltd.	Hong Kong	Tobacco
Shenzhen Megmeet Electrical Co., Ltd.	China	Tobacco
Sila Holding AD	Bulgaria	Tobacco
Sinnar Bidi Udyog Ltd.	India	Tobacco
SITAB	Ivory Coast	Tobacco
Slantse Stara Zagora Tabac AD	Bulgaria	Tobacco
Standard Diversified, Inc.	United States	Tobacco
STG Global Finance BV	Denmark	Tobacco
Swedish Match AB	Sweden	Tobacco
Tanzania Cigarette Co. Ltd.	Tanzania	Tobacco
Ten Pao Group Holdings Ltd.	Hong Kong	Tobacco
Tian Chang Group Holdings Ltd.	Hong Kong	Tobacco
Turning Point Brands Inc	United States	Tobacco
Tutunski Kombinat AD Prilep	Macedonia	Tobacco
Union Investment Corp.	Jordan	Tobacco
Union Tobacco & Cigarette Industries Co	Jordan	Tobacco
Universal Corp	United States	Tobacco
Vapor Group, Inc.	United States	Tobacco
VaporBrands International Inc	United States	Tobacco
Vector Group Ltd	United States	Tobacco
VPR Brands LP	United States	Tobacco
VST Industries Ltd.	India	Tobacco
Wee-Cig International Corp	United States	Tobacco
West Indian Tobacco Co. Ltd.	Trinidad & Tobago	Tobacco
Academy Sports & Outdoors, Inc.	United States	Civilian Firearms
American Outdoor Brands, Inc.	United States	Civilian Firearms
Ammo, Inc.	United States	Civilian Firearms
ARC Group Worldwide Inc	United States	Civilian Firearms

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Arsenal AD	Bulgaria	Civilian Firearms
Aselsan Elektronik Sanayi ve Ticaret AS	Turkey	Civilian Firearms
Avoca CLO XX Designated Activity Co.	Ireland	Civilian Firearms
Bharat Electronics Ltd.	India	Civilian Firearms
Big 5 Sporting Goods Corp	United States	Civilian Firearms
Body Armor Outlet, LLC	United States	Civilian Firearms
Camping World Holdings Inc	United States	Civilian Firearms
Canadian Tire Corp. Ltd.	Canada	Civilian Firearms
Carl Zeiss AG	Germany	Civilian Firearms
Cash Converters International Ltd.	Australia	Civilian Firearms
Clarus Corp	United States	Civilian Firearms
Compagnie Financière Richemont SA	Switzerland	Civilian Firearms
Compass Diversified Holdings	United States	Civilian Firearms
ContextLogic, Inc.	United States	Civilian Firearms
CWGS Group LLC	United States	Civilian Firearms
Dick's Sporting Goods Inc	United States	Civilian Firearms
Ducommun Inc	United States	Civilian Firearms
Elbit Systems Ltd.	Israel	Civilian Firearms
Enterprise Merger Sub, Inc.	United States	Civilian Firearms
EZCORP, Inc.	United States	Civilian Firearms
Finmeccanica Finance SA	Luxembourg	Civilian Firearms
First Cash Financial Services, Inc.	United States	Civilian Firearms
FirstCash, Inc.	United States	Civilian Firearms
FLIR Systems, Inc.	United States	Civilian Firearms
Glacier Credit Card Trust	Canada	Civilian Firearms
Glacier Credit Card Trust Series 2017-1	Canada	Civilian Firearms
Glacier Credit Card Trust Series 2018-1	Canada	Civilian Firearms
Global Brass & Copper Holdings, Inc.	United States	Civilian Firearms
H&K AG	Germany	Civilian Firearms
Hangzhou Hikvision Digital Technology Co., Ltd.	China	Civilian Firearms
Harris Corp	United States	Civilian Firearms
Ian Edgar (Liverpool) Ltd.	United Kingdom	Civilian Firearms
IMI Systems Ltd.	Israel	Civilian Firearms
KKR & Co., Inc.	United States	Civilian Firearms
KKR Group Finance Co. LLC	United States	Civilian Firearms
KKR Group Finance Co. V LLC	United States	Civilian Firearms
KKR Group Finance Co. VI LLC	United States	Civilian Firearms
KKR Group Finance Co. VII LLC	United States	Civilian Firearms
KKR Group Finance Company II LLC	United States	Civilian Firearms
Kroll International, LLC	United States	Civilian Firearms
L3 Technologies, Inc.	United States	Civilian Firearms
L3Harris Technologies, Inc.	United States	Civilian Firearms
Leonardo S.p.a.	Italy	Civilian Firearms

**Exclusions (continued)**

Company name	Country	Industry Involvement
Leonardo US Holding, Inc.	United States	Civilian Firearms
Miroku Corp.	Japan	Civilian Firearms
MKU Pvt. Ltd.	India	Civilian Firearms
Olin Corp.	United States	Civilian Firearms
Omni-Lite Industries Canada Inc.	United States	Civilian Firearms
Optex Systems Holdings Inc	United States	Civilian Firearms
Poongsan Corporation	South Korea	Civilian Firearms
Raytheon Co	United States	Civilian Firearms
Raytheon Technologies Corp.	United States	Civilian Firearms
Richemont International Holding S.A.	Luxembourg	Civilian Firearms
Rockwell Collins, Inc.	United States	Civilian Firearms
Rolta India Ltd.	India	Civilian Firearms
Safran SA	France	Civilian Firearms
Saymar Ltd.	Israel	Civilian Firearms
Sears Holdings Corp.	United States	Civilian Firearms
Smith & Wesson Brands, Inc.	United States	Civilian Firearms
Sportsman's Warehouse Holdings Inc	United States	Civilian Firearms
Streichers, Inc.	United States	Civilian Firearms
Sturm, Ruger & Co., Inc.	United States	Civilian Firearms
TAR Ideal Concepts Ltd.	Israel	Civilian Firearms
Taurus Armas SA	Brazil	Civilian Firearms
Tellhow Sci-Tech Co Ltd	China	Civilian Firearms
Turkish Armed Forces Foundation	Turkey	Civilian Firearms
Umbra Applied Technologies Group Inc	United States	Civilian Firearms
United Technologies Corp	United States	Civilian Firearms
Verney-Carron SA	France	Civilian Firearms
Vista Outdoor Inc	United States	Civilian Firearms
Walmart Chile S.A.	Chile	Civilian Firearms
Walmart Inc.	United States	Civilian Firearms
XXL ASA	Norway	Civilian Firearms
Zhejiang Dali Technology Co., Ltd.	China	Civilian Firearms
Zodiac Aerospace SA	France	Civilian Firearms
88 Energy Ltd	Australia	Fossil Fuel
Aban Offshore Ltd	India	Fossil Fuel
Abraxas Petroleum Corp.	United States	Fossil Fuel
Abu Dhabi National Energy Co PJSC	United Arab Emirates	Fossil Fuel
Abu Dhabi National Oil Co.	United Arab Emirates	Fossil Fuel
ADES International Holding Plc	United Arab Emirates	Fossil Fuel
Advanced Holdings Ltd	Singapore	Fossil Fuel
Advantage Oil & Gas Ltd.	Canada	Fossil Fuel
Aenza SAA	Peru	Fossil Fuel
Afentra Plc	United Kingdom	Fossil Fuel
Africa Oil Corp	Canada	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
African Energy Resources Ltd.	United Kingdom	Fossil Fuel
African Rainbow Minerals Ltd.	South Africa	Fossil Fuel
Agritrade Resources Ltd.	Hong Kong	Fossil Fuel
Akastor ASA	Norway	Fossil Fuel
Aker BP ASA	Norway	Fossil Fuel
Aker Solutions ASA	Norway	Fossil Fuel
AKITA Drilling Ltd.	Canada	Fossil Fuel
Alam Maritim Resources Bhd	Malaysia	Fossil Fuel
Albanesi SA	Argentina	Fossil Fuel
Alberta Energy Co. Ltd.	Canada	Fossil Fuel
Alberta Oilsands Inc.	Canada	Fossil Fuel
Alliance Holdings GP LP	United States	Fossil Fuel
Alliance Oil Co. Ltd.	Bermuda	Fossil Fuel
Alliance Resource Partners LP	United States	Fossil Fuel
Alon Natural Gas Exploration Ltd.	Israel	Fossil Fuel
Alpha Gas & Electric LLC	United States	Fossil Fuel
Alpha Metallurgical Resources, Inc.	United States	Fossil Fuel
Alta Mesa Holdings, LP	United States	Fossil Fuel
Alta Mesa Resources, Inc.	United States	Fossil Fuel
Alvopetro Energy Ltd	Canada	Fossil Fuel
Amec Foster Wheeler Ltd.	United Kingdom	Fossil Fuel
Ameredev II LLC	United States	Fossil Fuel
America West Resources, Inc.	United States	Fossil Fuel
American Sands Energy Corp	United States	Fossil Fuel
Amerisur Resources PLC	United Kingdom	Fossil Fuel
Amplify Energy Corp.	United States	Fossil Fuel
Amplify Energy Corp. /Old/	United States	Fossil Fuel
Amplify Oklahoma Operating LLC	United States	Fossil Fuel
An Hui Wenergy Co., Ltd.	China	Fossil Fuel
Anadarko Petroleum Corp	United States	Fossil Fuel
Anglo Pacific Group PLC	United Kingdom	Fossil Fuel
Angus Energy Plc	United Kingdom	Fossil Fuel
Anhui Hengyuan Coal Industry & Electricity Power Co., Ltd.	China	Fossil Fuel
Antero Resources Corp.	United States	Fossil Fuel
Anton Oilfield Services Group	China	Fossil Fuel
APA Corp.	United States	Fossil Fuel
Apache Corp	United States	Fossil Fuel
Approach Resources, Inc.	United States	Fossil Fuel
AqualisBraemar LOC ASA	Norway	Fossil Fuel
ARC Resources Ltd.	Canada	Fossil Fuel
Arch Resources, Inc.	United States	Fossil Fuel
Archer Ltd	Bermuda	Fossil Fuel
Arizona Mining, Inc.	Canada	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Armour Energy Ltd	Australia	Fossil Fuel
Artera Services LLC	United States	Fossil Fuel
Ascent Resources LLC	United States	Fossil Fuel
Ascent Resources Plc	United Kingdom	Fossil Fuel
Ascent Resources Utica Holdings LLC	United States	Fossil Fuel
Asia Resource Minerals Ltd.	United Kingdom	Fossil Fuel
Aspen Aerogels, Inc.	United States	Fossil Fuel
Athabasca Oil Corp.	Canada	Fossil Fuel
Atlantic Petroleum P/F	Faroe Islands	Fossil Fuel
Atwood Oceanics LLC	United States	Fossil Fuel
Australis Oil & Gas Ltd.	Australia	Fossil Fuel
AWE Pty Ltd.	Australia	Fossil Fuel
Awilco Drilling Plc	United Kingdom	Fossil Fuel
Bahamas Petroleum Co. Plc	United Kingdom	Fossil Fuel
Baker Hughes Co.	United States	Fossil Fuel
Baker Hughes Holdings LLC	United States	Fossil Fuel
Baker Technology Ltd.	Singapore	Fossil Fuel
Bangchak Corp. Public Co. Ltd.	Thailand	Fossil Fuel
Bankers Petroleum Ltd.	Canada	Fossil Fuel
Banpu Public Co. Ltd.	Thailand	Fossil Fuel
Barakah Offshore Petroleum Bhd	Malaysia	Fossil Fuel
Barnwell Industries Inc	United States	Fossil Fuel
Bashneft PJSOC	Russia	Fossil Fuel
Basic Energy Services, Inc.	United States	Fossil Fuel
Battalion Oil Corp.	United States	Fossil Fuel
Bayswater Uranium Corp.	Canada	Fossil Fuel
Baytex Energy (LP) Ltd.	Canada	Fossil Fuel
Baytex Energy Corp.	Canada	Fossil Fuel
Beach Energy Ltd.	Australia	Fossil Fuel
Beijing Aosaikang Pharmaceutical Co., Ltd.	China	Fossil Fuel
Beijing Haohua Energy Resource Co., Ltd.	China	Fossil Fuel
Bellatrix Exploration Ltd.	Canada	Fossil Fuel
BELON OAO	Russia	Fossil Fuel
Bergen Group ASA	Norway	Fossil Fuel
Berkeley Energia Ltd.	Spain	Fossil Fuel
Berry Corp.	United States	Fossil Fuel
Berry Petroleum Co. LLC	United States	Fossil Fuel
BG Energy Capital Plc	United Kingdom	Fossil Fuel
BG Energy Holdings Ltd.	United Kingdom	Fossil Fuel
Bharat Petroleum Corp. Ltd.	India	Fossil Fuel
BHP Billiton Finance (USA) Ltd.	Australia	Fossil Fuel
BHP Billiton Finance Ltd.	Australia	Fossil Fuel
BHP Finance (USA) Ltd.	United States	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
BHP Group Ltd.	Australia	Fossil Fuel
BHP Group Plc	United Kingdom	Fossil Fuel
Birchcliff Energy Ltd	Canada	Fossil Fuel
Bisichi Plc	United Kingdom	Fossil Fuel
Black Stone Minerals, L.P.	United States	Fossil Fuel
BlackPearl Resources Inc.	Canada	Fossil Fuel
Blue Energy Ltd.	Australia	Fossil Fuel
Blue Ridge Mountain Resources, Inc.	United States	Fossil Fuel
Blue Star Helium Ltd.	Australia	Fossil Fuel
Bluewater Energy Services BV	Netherlands	Fossil Fuel
Bonanza Creek Energy Inc	United States	Fossil Fuel
Bonavista Energy Corp.	Canada	Fossil Fuel
Bonterra Energy Corp	Canada	Fossil Fuel
Borders & Southern Petroleum Plc	United Kingdom	Fossil Fuel
Borets Finance DAC	Ireland	Fossil Fuel
Borr Drilling Ltd.	Bermuda	Fossil Fuel
Boulder Energy Ltd.	Canada	Fossil Fuel
Boustead Singapore Ltd.	Singapore	Fossil Fuel
Bowleven PLC	United Kingdom	Fossil Fuel
BP Capital Markets Plc	United Kingdom	Fossil Fuel
BP p.l.c.	United Kingdom	Fossil Fuel
BPRL International Singapore Pte Ltd.	Singapore	Fossil Fuel
Brigham Minerals, Inc.	United States	Fossil Fuel
Brightoil Petroleum (Holdings) Ltd.	Hong Kong	Fossil Fuel
British Gas International Finance BV	Netherlands	Fossil Fuel
Brookside Energy Ltd	Australia	Fossil Fuel
Bruin E&P Partners LLC	United States	Fossil Fuel
Bumi Armada Bhd.	Malaysia	Fossil Fuel
Burlington Resources Finance Co.	Canada	Fossil Fuel
Buru Energy Ltd.	Australia	Fossil Fuel
BW Energy Ltd.	Norway	Fossil Fuel
BW Offshore Ltd	Bermuda	Fossil Fuel
Byron Energy Ltd.	Australia	Fossil Fuel
C&J Energy Services Inc	United States	Fossil Fuel
C&J Energy Services Ltd.	Bermuda	Fossil Fuel
Cabot Oil & Gas Corp	United States	Fossil Fuel
Cactus, Inc.	United States	Fossil Fuel
Cairn Energy PLC	United Kingdom	Fossil Fuel
Cairn India Ltd	India	Fossil Fuel
Calfrac Holdings LP	United States	Fossil Fuel
Calfrac Well Services Ltd.	Canada	Fossil Fuel
California Resources Corp	United States	Fossil Fuel
Callon Petroleum Co.	United States	Fossil Fuel



**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Cameron International Corp.	United States	Fossil Fuel
Canacol Energy Ltd	Canada	Fossil Fuel
Canadian Natural Resources Ltd.	Canada	Fossil Fuel
Canadian Oil Sands Ltd.	Canada	Fossil Fuel
Canyon Services Group, Inc.	Canada	Fossil Fuel
Capex SA	Argentina	Fossil Fuel
Capital Ltd.	Mauritius	Fossil Fuel
CARBO Ceramics Inc.	United States	Fossil Fuel
Carbon Energy Ltd.	Australia	Fossil Fuel
Cardinal Energy Ltd	Canada	Fossil Fuel
Carnarvon Petroleum Ltd.	Australia	Fossil Fuel
Carrizo Oil & Gas, Inc.	United States	Fossil Fuel
Caspian Sunrise PLC	United Kingdom	Fossil Fuel
CCS Supply Chain Management Co., Ltd.	China	Fossil Fuel
CCX Carvao da Colombia SA	Brazil	Fossil Fuel
Cenovus Energy Inc.	Canada	Fossil Fuel
Centennial Resource Development, Inc.	United States	Fossil Fuel
Centennial Resource Production LLC	United States	Fossil Fuel
Central Petroleum Ltd	Australia	Fossil Fuel
Centrus Energy Corp.	United States	Fossil Fuel
CEPSA Finance SAU	Spain	Fossil Fuel
Cequence Energy Ltd	Canada	Fossil Fuel
CGG	France	Fossil Fuel
CGG Holding (US) INC	United States	Fossil Fuel
Chaparral Energy Inc.	United States	Fossil Fuel
Chariot Oil & Gas Ltd.	United Kingdom	Fossil Fuel
Chesapeake Energy Corp.	United States	Fossil Fuel
Chesapeake Granite Wash Trust	United States	Fossil Fuel
Chevron Corporation	United States	Fossil Fuel
Chevron U.S.A., Inc.	United States	Fossil Fuel
Chicago Bridge & Iron Company N.V.	Netherlands	Fossil Fuel
China Coal Energy Co., Ltd.	China	Fossil Fuel
China Coal Xinji Energy Co Ltd	China	Fossil Fuel
China Huaneng Group (Hong Kong) Treasury Mgt Holding Ltd.	China	Fossil Fuel
China Huaneng Group Co., Ltd.	China	Fossil Fuel
China National Offshore Oil Corp.	China	Fossil Fuel
China National Petroleum Corp.	China	Fossil Fuel
China Oilfield Services Ltd.	China	Fossil Fuel
China Petrochemical Corp.	China	Fossil Fuel
China Petroleum & Chemical Corp.	China	Fossil Fuel
China Qinfa Group Ltd.	China	Fossil Fuel
China Risun Group Ltd.	China	Fossil Fuel
China Shenhua Energy Co Ltd	China	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
China Shenhua Overseas Capital Co., Ltd.	Hong Kong	Fossil Fuel
Chinook Energy Inc	Canada	Fossil Fuel
CHK Oil Ltd.	Hong Kong	Fossil Fuel
Cimarex Energy Co	United States	Fossil Fuel
Cimarex Resolute LLC	United States	Fossil Fuel
CITIC Resources Holdings Ltd.	Hong Kong	Fossil Fuel
Cloud Peak Energy Inc.	United States	Fossil Fuel
Cloud Peak Energy Resources LLC	United States	Fossil Fuel
CNOOC Curtis Funding No. 1 Pty Ltd.	Australia	Fossil Fuel
CNOOC Energy Technology & Services Ltd.	China	Fossil Fuel
CNOOC Finance (2011) Ltd.	British Virgin Islands	Fossil Fuel
CNOOC Finance (2012) Ltd.	British Virgin Islands	Fossil Fuel
Cnooc Finance (2015) Australia Pty Ltd.	Australia	Fossil Fuel
CNOOC Finance 2003 Ltd.	British Virgin Islands	Fossil Fuel
CNOOC Finance 2013 Ltd.	Hong Kong	Fossil Fuel
Cnooc Finance USA LLC	United States	Fossil Fuel
CNOOC Ltd	Hong Kong	Fossil Fuel
CNOOC Nexen Finance (2014) ULC	Canada	Fossil Fuel
CNOOC Petroleum North America ULC	Canada	Fossil Fuel
CNPC (HK) Overseas Capital Ltd.	British Virgin Islands	Fossil Fuel
CNPC Capital Co., Ltd.	China	Fossil Fuel
CNPC General Capital Ltd.	British Virgin Islands	Fossil Fuel
CNX Resources Corp.	United States	Fossil Fuel
Coal Asia Holdings, Inc.	Philippines	Fossil Fuel
Coal Energy SA	Ukraine	Fossil Fuel
Coal India Limited	India	Fossil Fuel
Coalspur Mines Limited	Canada	Fossil Fuel
Cobalt International Energy Inc	United States	Fossil Fuel
Cohen Development Gas & Oil Ltd.	Israel	Fossil Fuel
Colgate Energy Partners III LLC	United States	Fossil Fuel
Comet Ridge Ltd.	Australia	Fossil Fuel
Compania General de Combustibles SA	Argentina	Fossil Fuel
Compañía Española de Petróleos SA CEPSA	Spain	Fossil Fuel
Comstock Escrow Corp.	United States	Fossil Fuel
Comstock Resources Inc	United States	Fossil Fuel
Cona Resources Ltd	Canada	Fossil Fuel
Concho Resources Inc	United States	Fossil Fuel
Condor Petroleum Inc.	Canada	Fossil Fuel
Connacher Oil & Gas Ltd.	Canada	Fossil Fuel
Conoco Funding Co.	United States	Fossil Fuel
Conoco, Inc.	United States	Fossil Fuel
ConocoPhillips	United States	Fossil Fuel
ConocoPhillips Canada Funding Co. II	United States	Fossil Fuel

**Exclusions (continued)**

Company name	Country	Industry Involvement
ConocoPhillips Co.	United States	Fossil Fuel
CONSOL Coal Resources LP	United States	Fossil Fuel
CONSOL Energy Inc.	United States	Fossil Fuel
Constellation Oil Services Holding SA	Luxembourg	Fossil Fuel
Contango Oil & Gas Co.	United States	Fossil Fuel
Continental Resources Inc	United States	Fossil Fuel
Conuma Coal Resources Ltd.	Canada	Fossil Fuel
Cooper Energy Ltd.	Australia	Fossil Fuel
Core Laboratories N.V.	Netherlands	Fossil Fuel
Coronado Global Resources, Inc.	United States	Fossil Fuel
Corporativo Grupo R SA de CV	Mexico	Fossil Fuel
Corsa Coal Corp	United States	Fossil Fuel
CosI Finance (BVI) Limited	British Virgin Islands	Fossil Fuel
COSL Singapore Capital Ltd.	Singapore	Fossil Fuel
Cosmo Energy Holdings Co., Ltd.	Japan	Fossil Fuel
Cosmo Oil Co., Ltd.	Japan	Fossil Fuel
CosmoSteel Holdings Ltd.	Singapore	Fossil Fuel
Covey Park Energy LLC	United States	Fossil Fuel
Cox Operating LLC	United States	Fossil Fuel
Crescent Point Energy Corp.	Canada	Fossil Fuel
Crew Energy Inc.	Canada	Fossil Fuel
CrownRock, L.P.	United States	Fossil Fuel
CSI Compressco Finance, Inc.	United States	Fossil Fuel
CSI Compressco LP	United States	Fossil Fuel
Cue Energy Resources Ltd.	Australia	Fossil Fuel
CWX Global Ltd.	Singapore	Fossil Fuel
Dafora SA	Romania	Fossil Fuel
Daldrup & Söhne AG	Germany	Fossil Fuel
Dana Gas PJSC	United Arab Emirates	Fossil Fuel
Dart Energy Ltd.	Singapore	Fossil Fuel
Dawson Geophysical Co	United States	Fossil Fuel
Dawson Geophysical Co. /Old/	United States	Fossil Fuel
Dayang Enterprise Holdings Bhd	Malaysia	Fossil Fuel
DEA Deutsche Erdoel AG	Germany	Fossil Fuel
DEA Finance SA	Luxembourg	Fossil Fuel
Deep Well Oil & Gas, Inc.	Canada	Fossil Fuel
Delek & Avner-Yam Thetis Ltd.	Israel	Fossil Fuel
Delek Drilling LP	Israel	Fossil Fuel
Delek Energy Systems Ltd.	Israel	Fossil Fuel
Delek Group Ltd.	Israel	Fossil Fuel
Deleum Bhd.	Malaysia	Fossil Fuel
Denbury, Inc.	United States	Fossil Fuel
Denison Mines Corp.	Canada	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Deutsche Rohstoff AG	Germany	Fossil Fuel
Devon Energy Corp	United States	Fossil Fuel
Devon Financing Corp. ULC	United States	Fossil Fuel
Dialog Group Bhd	Malaysia	Fossil Fuel
Diamond Offshore Drilling, Inc.	United States	Fossil Fuel
Diamondback Energy Inc	United States	Fossil Fuel
Distinction Energy Corp.	Canada	Fossil Fuel
Diversified Energy Co. Plc	United States	Fossil Fuel
DMCI Holdings, Inc.	Philippines	Fossil Fuel
DNO ASA	Norway	Fossil Fuel
DNO North Sea Plc	United Kingdom	Fossil Fuel
DOF ASA	Norway	Fossil Fuel
Dolphin Drilling ASA	Norway	Fossil Fuel
Dolphin Energy Ltd.	United Arab Emirates	Fossil Fuel
Dome Energy AB	Sweden	Fossil Fuel
Dominion Energy Inc	United States	Fossil Fuel
Dommo Energia SA	Brazil	Fossil Fuel
Dorchester Minerals LP	United States	Fossil Fuel
Dril-Quip, Inc.	United States	Fossil Fuel
Drill Rigs Holding, Inc.	Marshall Islands	Fossil Fuel
Drillsearch Energy, Ltd.	Australia	Fossil Fuel
DTEK B.V.	Netherlands	Fossil Fuel
DTEK Energy B.V.	Ukraine	Fossil Fuel
DTEK Finance Plc	United Kingdom	Fossil Fuel
DTEK Mine Komsomolets Donbassa	Ukraine	Fossil Fuel
Dyna-Mac Holdings Ltd.	Singapore	Fossil Fuel
EagleClaw Midstream Ventures LLC	United States	Fossil Fuel
Earthstone Energy Inc	United States	Fossil Fuel
EBN B.V.	Netherlands	Fossil Fuel
Eco (Atlantic) Oil & Gas Ltd.	Canada	Fossil Fuel
Ecopetrol S.A.	Colombia	Fossil Fuel
EDC Finance DAC	Ireland	Fossil Fuel
Eden Innovations Ltd	Australia	Fossil Fuel
Egdon Resources PLC	United Kingdom	Fossil Fuel
Egypt Kuwait Holding Co. SAE	Egypt	Fossil Fuel
Eidesvik Offshore ASA	Norway	Fossil Fuel
Eland Oil & Gas PLC	United Kingdom	Fossil Fuel
ElectroMagnetic GeoServices ASA	Norway	Fossil Fuel
Elk Petroleum Ltd.	Australia	Fossil Fuel
EMAS Offshore Ltd.	Singapore	Fossil Fuel
Emirates National Oil Co. Ltd.	United Arab Emirates	Fossil Fuel
Empresa Nacional del Petróleo SA	Chile	Fossil Fuel
Empresa Pública de Hidrocarburos del Ecuador	Ecuador	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Empyrean Energy Plc	Australia	Fossil Fuel
Enauta Participações SA	Brazil	Fossil Fuel
Endeavor Energy Resources, LP	United States	Fossil Fuel
Endur ASA	Norway	Fossil Fuel
ENEOS Holdings, Inc.	Japan	Fossil Fuel
Enerflex Ltd.	Canada	Fossil Fuel
Energiean Israel Finance SARL	Luxembourg	Fossil Fuel
Energiean Plc	United Kingdom	Fossil Fuel
Energen Corp	United States	Fossil Fuel
Energy Earth Public Co., Ltd.	Thailand	Fossil Fuel
Energy Resources of Australia Ltd.	Australia	Fossil Fuel
Energy Ventures GOM LLC	United States	Fossil Fuel
Energy World Corp. Ltd.	Australia	Fossil Fuel
Energy XXI (Bermuda) Ltd.	Bermuda	Fossil Fuel
Energy XXI Gulf Coast Inc	United States	Fossil Fuel
Enerplus Corp.	Canada	Fossil Fuel
Eneva S.A.	Brazil	Fossil Fuel
Eni Finance International SA	Belgium	Fossil Fuel
Eni SpA	Italy	Fossil Fuel
Eni USA, Inc.	United States	Fossil Fuel
ENN Natural Gas Co., Ltd.	China	Fossil Fuel
EnQuest PLC	United Kingdom	Fossil Fuel
ENSCO International, Inc.	United States	Fossil Fuel
Enservco Corp	United States	Fossil Fuel
Ensign Drilling, Inc.	Canada	Fossil Fuel
Ensign Energy Services Inc.	Canada	Fossil Fuel
Enven Energy Corp.	United States	Fossil Fuel
EnviTec Biogas AG	Germany	Fossil Fuel
Enwell Energy Plc	United Kingdom	Fossil Fuel
EOG Resources Inc	United States	Fossil Fuel
EP Energy Corp	United States	Fossil Fuel
EP Energy LLC	United States	Fossil Fuel
Epsilon Energy Ltd.	United States	Fossil Fuel
EQT Corp	United States	Fossil Fuel
Equinor ASA	Norway	Fossil Fuel
Equital Ltd	Israel	Fossil Fuel
Erin Energy Corporation	United States	Fossil Fuel
ERM Power Ltd.	Australia	Fossil Fuel
Essential Energy Services Ltd	Canada	Fossil Fuel
Esso Thailand Public Co. Ltd.	Thailand	Fossil Fuel
Etablissements Maurel & Prom S.A.	France	Fossil Fuel
Eterna Capital Pte Ltd.	Singapore	Fossil Fuel
Eurasia Drilling Company Limited	Russia	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Eurocontrol Technics Group, Inc.	Canada	Fossil Fuel
Europa Oil & Gas (Holdings) PLC	United Kingdom	Fossil Fuel
EV Energy Partners LP	United States	Fossil Fuel
Everest Acquisition Finance, Inc.	United States	Fossil Fuel
Evolution Petroleum Corp.	United States	Fossil Fuel
EXCO Resources, Inc.	United States	Fossil Fuel
Exillon Energy plc	Russia	Fossil Fuel
Exterran Corp	United States	Fossil Fuel
Extraction Oil & Gas Holdings LLC	United States	Fossil Fuel
Extraction Oil & Gas Inc	United States	Fossil Fuel
Exxaro Resources Ltd	South Africa	Fossil Fuel
Exxon Mobil Corp.	United States	Fossil Fuel
Ezion Holdings Ltd.	Singapore	Fossil Fuel
Ezra Holdings Limited	Singapore	Fossil Fuel
Falcon Energy Group Ltd.	Singapore	Fossil Fuel
Falcon Minerals Corp.	United States	Fossil Fuel
FAR Ltd.	Australia	Fossil Fuel
Federal International (2000) Ltd.	Singapore	Fossil Fuel
Feishang Anthracite Resources Ltd	Hong Kong	Fossil Fuel
Fission Energy Corp.	Canada	Fossil Fuel
Fission Uranium Corp	Canada	Fossil Fuel
Fitzroy River Corp. Ltd.	Australia	Fossil Fuel
Floatel International Ltd.	Bermuda	Fossil Fuel
FMC Technologies, Inc.	United States	Fossil Fuel
Foresight Energy LP	United States	Fossil Fuel
Formosa Petrochemical Corp.	Taiwan	Fossil Fuel
Forsys Metals Corp.	Canada	Fossil Fuel
Forum Energy Technologies Inc	United States	Fossil Fuel
Foster Wheeler AG	United Kingdom	Fossil Fuel
Frac Tech Services LLC	United States	Fossil Fuel
Franco-Nevada Corp.	Canada	Fossil Fuel
Frank's International NV	Netherlands	Fossil Fuel
Freedom Oil & Gas Ltd.	Australia	Fossil Fuel
Freehold Royalties Ltd.	Canada	Fossil Fuel
Frontera Energy Corp.	Canada	Fossil Fuel
FTS International, Inc.	United States	Fossil Fuel
Fugro N.V.	Netherlands	Fossil Fuel
GAIL (India) Ltd.	India	Fossil Fuel
Galp Energia, SGPS, S.A.	Portugal	Fossil Fuel
Gastar Exploration Inc.	United States	Fossil Fuel
Gavilan Resources LLC	United States	Fossil Fuel
Gaz Capital SA	Luxembourg	Fossil Fuel
Gaz Finance Plc	United Kingdom	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Gazprom Capital LLC	Russia	Fossil Fuel
Gazprom Neft PJSC	Russia	Fossil Fuel
Gazprom PJSC	Russia	Fossil Fuel
Gaztransport & Technigaz S.A.	France	Fossil Fuel
GC Rieber Shipping ASA	Norway	Fossil Fuel
GCM Resources Plc	United Kingdom	Fossil Fuel
Gear Energy Ltd	Canada	Fossil Fuel
Genel Energy Finance 4 Ltd.	United Kingdom	Fossil Fuel
Genel Energy Finance Ltd.	United Kingdom	Fossil Fuel
Genel Energy plc	United Kingdom	Fossil Fuel
Generación Mediterránea SA	Argentina	Fossil Fuel
Geo Coal International Pte Ltd.	Singapore	Fossil Fuel
Geo Energy Resources Ltd	Singapore	Fossil Fuel
GeoPark Ltd	Chile	Fossil Fuel
Georgian Oil & Gas Corp. Ltd.	Georgia	Fossil Fuel
Geospace Technologies Corp.	United States	Fossil Fuel
Glencore Australia Holdings Pty Ltd.	Australia	Fossil Fuel
Glencore Finance (Canada) Ltd.	Canada	Fossil Fuel
Glencore Finance (Dubai) Ltd.	United Arab Emirates	Fossil Fuel
Glencore Finance (Europe) Ltd.	United Kingdom	Fossil Fuel
Glencore Funding LLC	United States	Fossil Fuel
Glencore PLC	Switzerland	Fossil Fuel
Global Energy Ventures Ltd.	Australia	Fossil Fuel
Golden Energy & Resources Ltd.	Singapore	Fossil Fuel
Goodrich Petroleum Corp.	United States	Fossil Fuel
GPN Capital SA	Luxembourg	Fossil Fuel
Gran Tierra Energy Inc	Canada	Fossil Fuel
Gran Tierra Energy International Holdings Ltd.	Cayman Islands	Fossil Fuel
Granite Oil Corp.	Canada	Fossil Fuel
Great Western Petroleum LLC	United States	Fossil Fuel
Grupa LOTOS SA	Poland	Fossil Fuel
GS Holdings Corp	South Korea	Fossil Fuel
Guanghui Energy Co., Ltd.	China	Fossil Fuel
Guara Norte SARL	Luxembourg	Fossil Fuel
Guizhou Gas Group Corp., Ltd.	China	Fossil Fuel
Guizhou Panjiang Refined Coal Co., Ltd.	China	Fossil Fuel
Gujarat Mineral Development Corp. Ltd.	India	Fossil Fuel
Gulf Coast Ultra Deep Royalty Trust	United States	Fossil Fuel
Gulf Finance LLC	United States	Fossil Fuel
Gulf International Services Q.S.C.	Qatar	Fossil Fuel
Gulf Island Fabrication, Inc.	United States	Fossil Fuel
Gulf Keystone Petroleum Ltd	Bermuda	Fossil Fuel
Gulf Marine Services PLC	United Arab Emirates	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Gulfmark Offshore, Inc.	United States	Fossil Fuel
Gulfport Energy Corp.	United States	Fossil Fuel
Hallador Energy Co.	United States	Fossil Fuel
Halliburton Co	United States	Fossil Fuel
Harbour Energy Plc	United Kingdom	Fossil Fuel
Hardy Plc	United Kingdom	Fossil Fuel
Hargreaves Services PLC	United Kingdom	Fossil Fuel
Harvest Operations Corp.	Canada	Fossil Fuel
Harworth Group plc	United Kingdom	Fossil Fuel
Havila Shipping ASA	Norway	Fossil Fuel
Headwater Exploration, Inc.	Canada	Fossil Fuel
Helix Energy Solutions Group, Inc.	United States	Fossil Fuel
Hellenic Petroleum SA	Greece	Fossil Fuel
Helmerich & Payne Inc	United States	Fossil Fuel
Henan Dayou Energy Co Ltd	China	Fossil Fuel
Henan Shenhua Coal & Power Co., Ltd.	China	Fossil Fuel
Heritage Oil Plc	United Kingdom	Fossil Fuel
Hess Corp	United States	Fossil Fuel
Hess Infrastructure Partners Finance Corp.	United States	Fossil Fuel
Hess Midstream Partners LP	United States	Fossil Fuel
Hiap Seng Engineering Ltd	Singapore	Fossil Fuel
Hibiscus Petroleum Bhd	Malaysia	Fossil Fuel
Hidili Industry International Development Ltd.	China	Fossil Fuel
High Arctic Energy Services Inc	Canada	Fossil Fuel
HighPoint Resources Corp.	United States	Fossil Fuel
Hilcorp Energy Co.	United States	Fossil Fuel
Hilcorp Energy I LP	United States	Fossil Fuel
Hilong Holding Ltd	China	Fossil Fuel
Hindustan Oil Exploration Co., Ltd.	India	Fossil Fuel
Hindustan Petroleum Corp. Ltd.	India	Fossil Fuel
HitecVision AS	Norway	Fossil Fuel
Honghua Group Ltd.	China	Fossil Fuel
Horizon Oil Ltd.	Australia	Fossil Fuel
Hornbeck Offshore Services, Inc. (Louisiana)	United States	Fossil Fuel
Huayang New Material Technology Group Co. Ltd.	China	Fossil Fuel
Hunt Oil Company of Peru LLC	Peru	Fossil Fuel
Hunter Group ASA	Norway	Fossil Fuel
Hunter Technology Corp. (Canada)	Canada	Fossil Fuel
Hunting PLC	United Kingdom	Fossil Fuel
Huolinhe Opencut Coal Industry Corp. Ltd. of Inner Mongolia	China	Fossil Fuel
Hurricane Energy PLC	United Kingdom	Fossil Fuel
Husky Energy Inc.	Canada	Fossil Fuel
Ichor Coal NV	South Africa	Fossil Fuel



**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Icon Energy Ltd.	Australia	Fossil Fuel
Icon Offshore Bhd	Malaysia	Fossil Fuel
Idemitsu Kosan Co., Ltd.	Japan	Fossil Fuel
IG Seismic Services Ltd.	Russia	Fossil Fuel
IGas Energy plc	United Kingdom	Fossil Fuel
Ikwezi Mining Ltd	South Africa	Fossil Fuel
Imperial Oil Ltd	Canada	Fossil Fuel
INA-Industrija Nafte DD	Croatia	Fossil Fuel
Independence Contract Drilling Inc	United States	Fossil Fuel
Independent Oil & Gas PLC	United Kingdom	Fossil Fuel
Indian Oil Corp. Ltd.	India	Fossil Fuel
Indigo Natural Resources LLC	United States	Fossil Fuel
Indika Energy Capital III Pte. Ltd.	Singapore	Fossil Fuel
Indika Energy Capital IV Pte Ltd.	Singapore	Fossil Fuel
Indo Energy Finance II BV	Netherlands	Fossil Fuel
Indus Gas Ltd.	United Kingdom	Fossil Fuel
Inner Mongolia PingZhuang Energy Resources Co.,Ltd	China	Fossil Fuel
Inner Mongolia Yitai Coal Co.,Ltd.	China	Fossil Fuel
INPEX Corp.	Japan	Fossil Fuel
InPlay Oil Corp.	Canada	Fossil Fuel
International Coal Holdings Ltd.	Australia	Fossil Fuel
International Petroleum Corp. (British Columbia)	Canada	Fossil Fuel
Interoil Exploration & Production ASA	Norway	Fossil Fuel
Intra Energy Corp. Ltd.	Australia	Fossil Fuel
lofina plc	United Kingdom	Fossil Fuel
ION Geophysical Corp.	United States	Fossil Fuel
Ipek Dogal Enerji Kaynaklari Arastirma ve Üretim AS	Turkey	Fossil Fuel
Iron Bridge Resources Inc	Canada	Fossil Fuel
Isramco Inc	United States	Fossil Fuel
Isramco Negev 2 LP	Israel	Fossil Fuel
Ithaca Energy (North Sea) Plc	United Kingdom	Fossil Fuel
J.O.E.L. Jerusalem Oil Exploration Ltd	Israel	Fossil Fuel
Jagged Peak Energy Inc	United States	Fossil Fuel
Jagged Peak Energy LLC	United States	Fossil Fuel
Japan Drilling Co., Ltd.	Japan	Fossil Fuel
Japan Petroleum Exploration Co., Ltd.	Japan	Fossil Fuel
Jastrzebska Spółka Weglowa SA	Poland	Fossil Fuel
Jinneng Holding Shanxi Coal Industry Co., Ltd.	China	Fossil Fuel
Jinneng Holdings Coal Industry Group Co., Ltd.	China	Fossil Fuel
Jizhong Energy Resources Co., Ltd	China	Fossil Fuel
JKX Oil & Gas plc	United Kingdom	Fossil Fuel
John Wood Group Plc	United Kingdom	Fossil Fuel
Jonah Energy LLC	United States	Fossil Fuel

**Exclusions (continued)**

Company name	Country	Industry Involvement
Jones Energy Inc	United States	Fossil Fuel
Journey Energy Inc.	Canada	Fossil Fuel
Jutal Offshore Oil Services Ltd.	China	Fossil Fuel
Kaisun Holdings Ltd.	Hong Kong	Fossil Fuel
Kangaroo Resources Pty Ltd.	Australia	Fossil Fuel
Karoon Energy Ltd.	Australia	Fossil Fuel
Katanga Mining Ltd.	Switzerland	Fossil Fuel
KazMunaiGas Exploration Production JSC	Kazakhstan	Fossil Fuel
KazMunaiGaz Finance Sub B.V.	Netherlands	Fossil Fuel
KazMunayGas NC JSC	Kazakhstan	Fossil Fuel
KazTransGas JSC	Kazakhstan	Fossil Fuel
KCA DEUTAG Alpha Ltd.	United Kingdom	Fossil Fuel
KCA Deutag UK Finance Plc	United Kingdom	Fossil Fuel
Keane Group Inc	United States	Fossil Fuel
Kelt Exploration Ltd	Canada	Fossil Fuel
Kencana Petroleum Bhd.	Malaysia	Fossil Fuel
Key Energy Services Inc	United States	Fossil Fuel
Kim Heng Ltd.	Singapore	Fossil Fuel
Kinetic Mines & Energy Ltd.	China	Fossil Fuel
King Stone Energy Group Ltd.	Hong Kong	Fossil Fuel
KLX Energy Services Holdings, Inc.	United States	Fossil Fuel
Knm Group Bhd	Malaysia	Fossil Fuel
KOKS Finance DAC	Ireland	Fossil Fuel
Koks Finance Ltd.	Ireland	Fossil Fuel
Kolibri Global Energy, Inc.	United States	Fossil Fuel
Korea Gas Corp	South Korea	Fossil Fuel
Korea National Oil Corp.	South Korea	Fossil Fuel
Kosmos Energy Ltd.	United States	Fossil Fuel
KrisEnergy Ltd.	Singapore	Fossil Fuel
Kunlun Energy Co. Ltd.	Hong Kong	Fossil Fuel
Kuzbasskaya Toplivnaya Kompaniya PJSC	Russia	Fossil Fuel
Kværner ASA	Norway	Fossil Fuel
La Empresa Publica de Exploracion y Explot de Hidro Petro EP	Ecuador	Fossil Fuel
La Française de l'Energie SA	France	Fossil Fuel
Lamprell plc	United Arab Emirates	Fossil Fuel
Lapidoth Capital Ltd	Israel	Fossil Fuel
Lapidoth-Heletz - Limited Partnership	Israel	Fossil Fuel
Laramide Resources Ltd.	Canada	Fossil Fuel
Laredo Petroleum Inc	United States	Fossil Fuel
Laredo Petroleum, Inc. /Old/	United States	Fossil Fuel
Legacy Oil+Gas, Inc.	Canada	Fossil Fuel
Legacy Reserves LP	United States	Fossil Fuel
Leucrotta Exploration Inc	Canada	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Leviathan Bond Ltd.	Israel	Fossil Fuel
Liberty Oilfield Services, Inc.	United States	Fossil Fuel
Lightstream Resources Ltd.	Canada	Fossil Fuel
Lilis Energy, Inc.	United States	Fossil Fuel
Linc Energy Ltd.	Australia	Fossil Fuel
Linn Energy LLC	United States	Fossil Fuel
Linn Energy, Inc.	United States	Fossil Fuel
LinnCo. LLC	United States	Fossil Fuel
Lone Pine Resources Inc.	Canada	Fossil Fuel
Lonestar Resources America, Inc.	United States	Fossil Fuel
Lonestar Resources US Inc	United States	Fossil Fuel
Lubelski Wegiel Bogdanka SA	Poland	Fossil Fuel
LUKOIL International Finance B.V.	Netherlands	Fossil Fuel
LUKOIL Securities BV	Netherlands	Fossil Fuel
Lundin Energy AB	Sweden	Fossil Fuel
Lupatech S.A.	Brazil	Fossil Fuel
Magnolia Oil & Gas Corp.	United States	Fossil Fuel
Magnolia Oil & Gas Operating LLC	United States	Fossil Fuel
Magnora ASA	Norway	Fossil Fuel
Mageis Fairfield ASA	Norway	Fossil Fuel
Maha Energy AB	Sweden	Fossil Fuel
Malaysia Marine & Heavy Engineering Holdings Bhd.	Malaysia	Fossil Fuel
Mammoth Energy Services Inc	United States	Fossil Fuel
Marathon Oil Corp.	United States	Fossil Fuel
Mari Petroleum Co Ltd	Pakistan	Fossil Fuel
Matador Resources Co	United States	Fossil Fuel
Matrix Composites & Engineering Ltd.	Australia	Fossil Fuel
Matrix Service Co.	United States	Fossil Fuel
Maverick Natural Resources LLC	United States	Fossil Fuel
MC Mining Ltd.	Australia	Fossil Fuel
McCoy Global Inc.	Canada	Fossil Fuel
McDermott International Inc	United States	Fossil Fuel
McDermott Technology (Americas), Inc.	United States	Fossil Fuel
McDermott Technology BV	Netherlands	Fossil Fuel
Medco Oak Tree Pte Ltd.	Singapore	Fossil Fuel
Medco Platinum Road Pte Ltd.	Singapore	Fossil Fuel
Medco Strait Services Pte Ltd.	Singapore	Fossil Fuel
MEG Energy Corp.	Canada	Fossil Fuel
Mega Uranium Ltd.	Canada	Fossil Fuel
Melbana Energy Ltd.	Australia	Fossil Fuel
Mencast Holdings Ltd.	Singapore	Fossil Fuel
Mesquite Energy, Inc.	United States	Fossil Fuel
Metgasco Ltd	Australia	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Midstates Petroleum Co Inc	United States	Fossil Fuel
MIE Holdings Corp	Hong Kong	Fossil Fuel
Mime Petroleum AS	Norway	Fossil Fuel
MIND Technology, Inc.	United States	Fossil Fuel
Mitsui & Co., Ltd.	Japan	Fossil Fuel
MODEC, Inc.	Japan	Fossil Fuel
MOL Group Finance SA	Luxembourg	Fossil Fuel
MOL Hungarian Oil & Gas Plc	Hungary	Fossil Fuel
Molopo Energy Ltd.	Australia	Fossil Fuel
Mongolia Energy Corp Ltd	Hong Kong	Fossil Fuel
Montage Resources Corp.	United States	Fossil Fuel
Moss Creek Resources Holdings, Inc.	United States	Fossil Fuel
MPI SA	France	Fossil Fuel
MTQ Corp. Ltd.	Singapore	Fossil Fuel
Multi-Chem Ltd.	Singapore	Fossil Fuel
Murphy Oil Corp	United States	Fossil Fuel
Murray Energy Corp.	United States	Fossil Fuel
Nabors Industries Ltd	Bermuda	Fossil Fuel
NACCO Industries Inc	United States	Fossil Fuel
Naftogaz of Ukraine NJSC	Ukraine	Fossil Fuel
Nan Nan Resources Enterprise Ltd.	Hong Kong	Fossil Fuel
Naphtha Israel Petroleum Corp.	Israel	Fossil Fuel
National Energy Services Reunited Corp.	United States	Fossil Fuel
National Fuel Gas Co	United States	Fossil Fuel
National Petroleum Co., Ltd.	Taiwan	Fossil Fuel
National-Oilwell, Inc.	United States	Fossil Fuel
Natural Gas Services Group, Inc.	United States	Fossil Fuel
Natural Resource Partners LP	United States	Fossil Fuel
Navajo Transitional Energy Co. LLC	United States	Fossil Fuel
Navigator Holdings Ltd.	United Kingdom	Fossil Fuel
NBL Permian LLC	United States	Fossil Fuel
NCS Multistage Holdings, Inc.	United States	Fossil Fuel
Neptune Energy Group Ltd.	United Kingdom	Fossil Fuel
New Hope Corp. Ltd.	Australia	Fossil Fuel
New Times Energy Corp. Ltd.	Hong Kong	Fossil Fuel
New World Resources NV	United Kingdom	Fossil Fuel
New World Resources Plc	Netherlands	Fossil Fuel
New Zealand Oil & Gas Ltd.	New Zealand	Fossil Fuel
Newcastle Coal Infrastructure Group Pty Ltd.	Australia	Fossil Fuel
Newpark Resources, Inc.	United States	Fossil Fuel
NexGen Energy Ltd	Canada	Fossil Fuel
NexTier Oilfield Solutions, Inc.	United States	Fossil Fuel
Niko Resources Ltd.	Canada	Fossil Fuel

## Exclusions (continued)

Company name	Country	Industry Involvement
Nine Energy Service, Inc.	United States	Fossil Fuel
Ningxia Baofeng Energy Group Co., Ltd.	China	Fossil Fuel
NIS AD	Serbia	Fossil Fuel
Noble Energy, Inc.	United States	Fossil Fuel
Noble Holding Corp. Plc	United States	Fossil Fuel
North American Construction Group Ltd.	Canada	Fossil Fuel
North Energy ASA	Norway	Fossil Fuel
Northern Drilling Ltd.	Bermuda	Fossil Fuel
Northern Ocean Ltd.	Bermuda	Fossil Fuel
Northern Oil & Gas, Inc.	United States	Fossil Fuel
Norwegian Energy Co ASA	Norway	Fossil Fuel
Nostrum Oil & Gas Finance BV	Netherlands	Fossil Fuel
Nostrum Oil & Gas LP	Netherlands	Fossil Fuel
Nostrum Oil & Gas Plc	United Kingdom	Fossil Fuel
NOV, Inc.	United States	Fossil Fuel
Novatek Finance DAC	Ireland	Fossil Fuel
NOVATEK JSC	Russia	Fossil Fuel
Nuverra Environmental Solutions, Inc.	United States	Fossil Fuel
NuVista Energy Ltd.	Canada	Fossil Fuel
Oak Valley Resources LLC	United States	Fossil Fuel
Oasis Midstream Partners LP	United States	Fossil Fuel
Oasis Petroleum Inc.	United States	Fossil Fuel
Obneftegazgeologia PJSC	Russia	Fossil Fuel
Obsidian Energy Ltd.	Canada	Fossil Fuel
Occidental Petroleum Corp.	United States	Fossil Fuel
Ocean Rig UDW Inc.	Cyprus	Fossil Fuel
Oceaneering International, Inc.	United States	Fossil Fuel
Oceanografia SA de CV	Mexico	Fossil Fuel
Oceanteam ASA	Norway	Fossil Fuel
Octagon 88 Resources, Inc.	Switzerland	Fossil Fuel
Ocyan Participacoes SA	Brazil	Fossil Fuel
Odebrecht Drilling Norbe VIII/IX Ltd.	Cayman Islands	Fossil Fuel
Odebrecht Offshore Drilling Finance Ltd.	Cayman Islands	Fossil Fuel
Odebrecht Oil & Gas Finance Ltd.	Cayman Islands	Fossil Fuel
Odfjell Drilling Ltd	United Kingdom	Fossil Fuel
Offshore Drilling Holding SA	Luxembourg	Fossil Fuel
Offshore Oil Engineering Co., Ltd.	China	Fossil Fuel
OGX Austria GmbH	Austria	Fossil Fuel
Oil & Gas Development Co. Ltd.	Pakistan	Fossil Fuel
Oil and Natural Gas Corporation Limited	India	Fossil Fuel
Oil Co. LUKOIL PJSC	Russia	Fossil Fuel
Oil India International Pte. Ltd.	Singapore	Fossil Fuel
Oil India Ltd	India	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Oil Search Ltd.	Australia	Fossil Fuel
Oil States International, Inc.	United States	Fossil Fuel
OKEA ASA	Norway	Fossil Fuel
Old ANR LLC	United States	Fossil Fuel
Oleo e Gas Participacoes SA	Brazil	Fossil Fuel
OMV AG	Austria	Fossil Fuel
OMV Petrom SA	Romania	Fossil Fuel
ONGC Videsh Ltd.	India	Fossil Fuel
ONGC Videsh Vankorneft Pte Ltd.	Singapore	Fossil Fuel
Ophir Energy PLC	United Kingdom	Fossil Fuel
Oriental Energy Co., Ltd.	China	Fossil Fuel
ORLEN Capital AB	Sweden	Fossil Fuel
Osum Production Corp.	Canada	Fossil Fuel
OSX Brasil S.A.	Brazil	Fossil Fuel
Otto Energy Ltd	Australia	Fossil Fuel
Ovintiv Canada ULC	Canada	Fossil Fuel
Ovintiv Exploration, Inc.	United States	Fossil Fuel
Ovintiv, Inc.	United States	Fossil Fuel
PA Resources AB	Sweden	Fossil Fuel
Pacific Drilling First Lien Escrow Issuer Ltd.	United States	Fossil Fuel
Pacific Drilling SA	Luxembourg	Fossil Fuel
Pacific Radiance Ltd.	Singapore	Fossil Fuel
Pacific Stratus Energy Ltd.	Canada	Fossil Fuel
Painted Pony Energy Ltd.	Canada	Fossil Fuel
Pakistan Oilfields Ltd.	Pakistan	Fossil Fuel
Pakistan Petroleum Ltd.	Pakistan	Fossil Fuel
Paladin Energy Ltd	Australia	Fossil Fuel
Pampa Energía S.A.	Argentina	Fossil Fuel
Pan American Energy Group	Argentina	Fossil Fuel
Pan American Energy SL	Argentina	Fossil Fuel
Pan Orient Energy Corp	Canada	Fossil Fuel
PanCanadian Petroleum Ltd.	Canada	Fossil Fuel
Panoro Energy ASA	Norway	Fossil Fuel
Pantheon Resources PLC	United Kingdom	Fossil Fuel
PAO Koks	Russia	Fossil Fuel
Paragon Offshore Plc	United States	Fossil Fuel
Paramount Resources (TEC) Ltd.	Canada	Fossil Fuel
Paramount Resources Ltd.	Canada	Fossil Fuel
Pardee Resources Co.	United States	Fossil Fuel
Parex Resources Inc.	Canada	Fossil Fuel
Parker Drilling Co.	United States	Fossil Fuel
Parsley Energy Inc	United States	Fossil Fuel
Parsley Energy LLC	United States	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Parsley Energy LP	United States	Fossil Fuel
Pason Systems Inc.	Canada	Fossil Fuel
Patterson-UTI Energy, Inc.	United States	Fossil Fuel
PDC Energy, Inc.	United States	Fossil Fuel
Peabody Energy Corp.	United States	Fossil Fuel
PEMEX Project Funding Master Trust	United States	Fossil Fuel
Pengrowth Energy Corp.	Canada	Fossil Fuel
Peninsula Energy Ltd.	Australia	Fossil Fuel
Penn Virginia Corp.	United States	Fossil Fuel
Periama Holdings LLC	United States	Fossil Fuel
Permianville Royalty Trust	United States	Fossil Fuel
Perpetual Energy Inc.	Canada	Fossil Fuel
Perú LNG SRL	Peru	Fossil Fuel
Petra Energy Bhd	Malaysia	Fossil Fuel
Petro Rio SA	Brazil	Fossil Fuel
Petro-Canada	Canada	Fossil Fuel
Petrobank Energy & Resources Ltd.	Canada	Fossil Fuel
Petrobras Argentina S.A.	Argentina	Fossil Fuel
Petrobras Global Finance BV	Netherlands	Fossil Fuel
Petrobras International Finance Co.	Cayman Islands	Fossil Fuel
PetroChina Co Ltd	China	Fossil Fuel
Petrofac Ltd	United Kingdom	Fossil Fuel
Petroleos Mexicanos S.A. de C.V.	Mexico	Fossil Fuel
Petrolera Pampa SA	Argentina	Fossil Fuel
Petroleum Co. of Trinidad & Tobago Ltd.	Trinidad & Tobago	Fossil Fuel
Petrolia SE	Cyprus	Fossil Fuel
Petroliam Nasional Berhad	Malaysia	Fossil Fuel
Petronas Capital Ltd.	Malaysia	Fossil Fuel
PETRONAS Energy Canada Ltd.	Canada	Fossil Fuel
Petronas Global Sukuk Ltd.	Malaysia	Fossil Fuel
Petronor E&P Ltd.	United Kingdom	Fossil Fuel
PetroQuest Energy Inc.	United States	Fossil Fuel
Petrosibir AB	Sweden	Fossil Fuel
PetroVietnam Drilling & Well Services JSC	Vietnam	Fossil Fuel
PetroVietnam Technical Services Corp	Vietnam	Fossil Fuel
Petrus Resources Ltd	Canada	Fossil Fuel
Petróleo Brasileiro SA	Brazil	Fossil Fuel
Petróleos de Venezuela S.A.	Venezuela	Fossil Fuel
Petsec Energy Ltd	Australia	Fossil Fuel
Peyto Exploration & Development Corp	Canada	Fossil Fuel
PGNiG Finance AB	Sweden	Fossil Fuel
PGS ASA	Norway	Fossil Fuel
Pharos Energy Plc	United Kingdom	Fossil Fuel

**Exclusions (continued)**

Company name	Country	Industry Involvement
PHI Aviation LLC	United States	Fossil Fuel
Phillips Petroleum Co.	United States	Fossil Fuel
PHX Energy Services Corp.	Canada	Fossil Fuel
PHX Minerals, Inc.	United States	Fossil Fuel
Pilipinas Shell Petroleum Corp.	Philippines	Fossil Fuel
Pine Cliff Energy Ltd	Canada	Fossil Fuel
Pingdingshan Tianan Coal Mining Co., Ltd.	China	Fossil Fuel
Pioneer Energy Services Corp.	United States	Fossil Fuel
Pioneer Natural Resources Co.	United States	Fossil Fuel
PK Borets OOO	Russia	Fossil Fuel
Plexus Holdings PLC	United Kingdom	Fossil Fuel
Poinsettia Finance Ltd.	Cayman Islands	Fossil Fuel
Poinsettia LP	United States	Fossil Fuel
Polarcus Ltd	United Arab Emirates	Fossil Fuel
Polo Resources Ltd.	South Africa	Fossil Fuel
Polski Koncern Naftowy ORLEN SA	Poland	Fossil Fuel
Polskie Gornictwo Naftowe i Gazownictwo SA	Poland	Fossil Fuel
Polyard Petroleum International Group Ltd.	Hong Kong	Fossil Fuel
PrairieSky Royalty Ltd	Canada	Fossil Fuel
Precision Drilling Corp.	Canada	Fossil Fuel
President Energy PLC	United Kingdom	Fossil Fuel
Presidio Petroleum LLC	United States	Fossil Fuel
Pressure Technologies plc	United Kingdom	Fossil Fuel
PrimeEnergy Resources Corp.	United States	Fossil Fuel
Profire Energy, Inc.	United States	Fossil Fuel
ProPetro Holding Corp.	United States	Fossil Fuel
Prosafe SE	Norway	Fossil Fuel
Prospectiuni SA	Romania	Fossil Fuel
PT ABM Investama Tbk	Indonesia	Fossil Fuel
PT Adaro Energy Tbk	Indonesia	Fossil Fuel
PT Adaro Indonesia	Indonesia	Fossil Fuel
PT Alfa Energi Investama Tbk	Indonesia	Fossil Fuel
PT Atlas Resources Tbk	Indonesia	Fossil Fuel
PT Baramulti Suksessarana Tbk	Indonesia	Fossil Fuel
PT Bayan Resources Tbk	Indonesia	Fossil Fuel
PT Berau Coal Energy	Indonesia	Fossil Fuel
PT Bukit Asam Tbk	Indonesia	Fossil Fuel
PT Bukit Makmur Mandiri Utama	Indonesia	Fossil Fuel
PT Bumi Resources Tbk	Indonesia	Fossil Fuel
PT Delta Dunia Makmur Tbk	Indonesia	Fossil Fuel
PT Dian Swastatika Sentosa Tbk	Indonesia	Fossil Fuel
PT Elnusa Tbk	Indonesia	Fossil Fuel
PT Eksploitasi Energi Indonesia Tbk	Indonesia	Fossil Fuel



**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
PT Garda Tujuh Buana Tbk	Indonesia	Fossil Fuel
PT Golden Eagle Energy Tbk	Indonesia	Fossil Fuel
PT Golden Energy Mines Tbk	Indonesia	Fossil Fuel
PT Harum Energy Tbk	Indonesia	Fossil Fuel
PT Indika Energy Tbk	Indonesia	Fossil Fuel
PT Indo Tambangraya Megah Tbk	Indonesia	Fossil Fuel
PT Indonesia Asahan Aluminium (Persero)	Indonesia	Fossil Fuel
PT Medco Energi Internasional Tbk.	Indonesia	Fossil Fuel
PT Mitrabara Adiperdana Tbk	Indonesia	Fossil Fuel
PT Pertamina (Persero)	Indonesia	Fossil Fuel
PT Perusahaan Gas Negara Tbk	Indonesia	Fossil Fuel
PT Resource Alam Indonesia Tbk	Indonesia	Fossil Fuel
PT Saka Energi Indonesia	Indonesia	Fossil Fuel
PT Sugih Energy Tbk	Indonesia	Fossil Fuel
PT Toba Bara Sejahtera Tbk	Indonesia	Fossil Fuel
PT Trada Alam Minera Tbk	Indonesia	Fossil Fuel
PT United Tractors Tbk	Indonesia	Fossil Fuel
PTT Exploration & Production Plc	Thailand	Fossil Fuel
PTT Public Co., Ltd.	Thailand	Fossil Fuel
PTT Treasury Center Co. Ltd.	Thailand	Fossil Fuel
PTTEP Canada International Finance Ltd.	Canada	Fossil Fuel
PTTEP Treasury Center Co., Ltd.	Thailand	Fossil Fuel
Pulse Seismic Inc.	Canada	Fossil Fuel
Pure E&P AS	Norway	Fossil Fuel
Qatar Petroleum Corp.	Qatar	Fossil Fuel
Qatargas Operating Co. Ltd.	Qatar	Fossil Fuel
QEP Resources Inc	United States	Fossil Fuel
Qinghai Jinrui Mineral Development Co., Ltd.	China	Fossil Fuel
Quattro Exploration and Production Ltd	Canada	Fossil Fuel
Questar Market Resources, Inc.	United States	Fossil Fuel
Questerre Energy Corp.	Canada	Fossil Fuel
Quintana Energy Services, Inc.	United States	Fossil Fuel
RadiSys Corp.	United States	Fossil Fuel
Rain Industries Ltd.	India	Fossil Fuel
RAIZNEXT Corp.	Japan	Fossil Fuel
RAK Petroleum PLC	United Kingdom	Fossil Fuel
Range Resources Corp.	United States	Fossil Fuel
Range Resources-Louisiana, Inc.	United States	Fossil Fuel
Ranger Energy Services, Inc.	United States	Fossil Fuel
Ras Laffan Liquefied Natural Gas Co. Ltd.	Qatar	Fossil Fuel
Ras Laffan Liquefied Natural Gas Co. Ltd. (II)	Qatar	Fossil Fuel
Ras Laffan Liquefied Natural Gas Company Limited III	Qatar	Fossil Fuel
Raspadskaya PJSC	Russia	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Rattler Midstream LP	United States	Fossil Fuel
Reach Subsea ASA	Norway	Fossil Fuel
Reliance Holding USA, Inc.	United States	Fossil Fuel
Reliance Industries Ltd.	India	Fossil Fuel
REM Offshore ASA	n/a	Fossil Fuel
Renaissance Services SAOG	Oman	Fossil Fuel
Repsol International Finance B.V.	Netherlands	Fossil Fuel
Repsol Oil & Gas Canada Inc.	Canada	Fossil Fuel
Repsol, S.A.	Spain	Fossil Fuel
Resource Generation Ltd.	South Africa	Fossil Fuel
Resources Prima Group Ltd	Singapore	Fossil Fuel
Rex Energy Corp.	United States	Fossil Fuel
Rex International Holding Ltd	Singapore	Fossil Fuel
Rey Resources Ltd	Australia	Fossil Fuel
RH Petrogas Ltd.	Singapore	Fossil Fuel
Rhino Resource Partners LP	United States	Fossil Fuel
Rice Energy, Inc.	United States	Fossil Fuel
Ring Energy, Inc.	United States	Fossil Fuel
Rio Oil Finance Trust - (Series 2014-1)	United States	Fossil Fuel
Roan Resources, Inc.	United States	Fossil Fuel
Rockhopper Exploration PLC	United Kingdom	Fossil Fuel
Rodinia Oil Corp.	Canada	Fossil Fuel
Rompetrol Well Services SA	Romania	Fossil Fuel
Rosan Resources Holdings Ltd.	Hong Kong	Fossil Fuel
Rose Rock Finance Corp.	United States	Fossil Fuel
Rosehill Resources Inc.	United States	Fossil Fuel
Rosetta Resources, Inc.	United States	Fossil Fuel
Rosneft Finance SA	Luxembourg	Fossil Fuel
Rosneft International Finance Ltd.	Ireland	Fossil Fuel
Rosneft Oil Co.	Russia	Fossil Fuel
Rosneftegaz JSC	Russia	Fossil Fuel
Rowan Cos. Ltd.	United Kingdom	Fossil Fuel
Royal Dutch Shell PLC	Netherlands	Fossil Fuel
RPC Inc	United States	Fossil Fuel
RSP Permian Inc	United States	Fossil Fuel
RussNeft PJSC	Russia	Fossil Fuel
S.D. Standard Drilling PLC	Cyprus	Fossil Fuel
Sable Permian Resources LLC	United States	Fossil Fuel
Sadovaya Group	Ukraine	Fossil Fuel
SAExploration Holdings, Inc.	United States	Fossil Fuel
Saipem S.p.A.	Italy	Fossil Fuel
Samson Oil & Gas Ltd.	Australia	Fossil Fuel
San Leon Energy Plc	Ireland	Fossil Fuel

## Exclusions (continued)

Company name	Country	Industry Involvement
Sand Hill Petroleum BV	Netherlands	Fossil Fuel
SandRidge Energy, Inc.	United States	Fossil Fuel
Santos Finance Ltd.	Australia	Fossil Fuel
Santos Ltd.	Australia	Fossil Fuel
Sapura Energy Bhd.	Malaysia	Fossil Fuel
Sasol Financing International Ltd.	South Africa	Fossil Fuel
Sasol Financing USA LLC	United States	Fossil Fuel
Sasol Ltd.	South Africa	Fossil Fuel
Saudi Arabian Oil Co.	Saudi Arabia	Fossil Fuel
Savannah Energy Plc	United Kingdom	Fossil Fuel
SBM Offshore N.V.	Netherlands	Fossil Fuel
SCANA Corp	United States	Fossil Fuel
Schahin II Finance Co. (SPV) Ltd.	Cayman Islands	Fossil Fuel
Schlumberger Finance BV	Netherlands	Fossil Fuel
Schlumberger Finance France SAS	France	Fossil Fuel
Schlumberger Investment SA	Luxembourg	Fossil Fuel
Schlumberger NV	United States	Fossil Fuel
Schoeller-Bleckmann Oilfield Equipment AG	Austria	Fossil Fuel
SDX Energy Plc	United Kingdom	Fossil Fuel
SDX Energy, Inc.	Canada	Fossil Fuel
SeaBird Exploration PLC	Cyprus	Fossil Fuel
SEACOR Holdings Inc.	United States	Fossil Fuel
SEACOR Marine Holdings Inc.	United States	Fossil Fuel
Seadrill Ltd	Bermuda	Fossil Fuel
Secure Energy Services Inc.	Canada	Fossil Fuel
Select Energy Services, Inc.	United States	Fossil Fuel
Semirara Mining & Power Corp.	Philippines	Fossil Fuel
Senex Energy Ltd.	Australia	Fossil Fuel
Seplat Petroleum Development Co. Plc	Nigeria	Fossil Fuel
Serica Energy PLC	United Kingdom	Fossil Fuel
Sevan Drilling Ltd	Norway	Fossil Fuel
Seven Generations Energy Ltd.	Canada	Fossil Fuel
Shaanxi Coal & Chemical Industry Group Co., Ltd.	China	Fossil Fuel
Shaanxi Coal Industry Co., Ltd.	China	Fossil Fuel
ShaMaran Petroleum Corp.	Canada	Fossil Fuel
Shan Xi Hua Yang Group New Energy Co. Ltd.	China	Fossil Fuel
Shandong Molong Petroleum Machinery Co Ltd	China	Fossil Fuel
Shandong Xinchao Energy Corp. Ltd.	China	Fossil Fuel
Shanghai Datun Energy Resources Co., Ltd.	China	Fossil Fuel
Shanxi Blue Flame Holding Co Ltd	China	Fossil Fuel
Shanxi Coking Co.,Ltd.	China	Fossil Fuel
Shanxi Coking Coal Energy Group Co., Ltd.	China	Fossil Fuel
Shanxi Coking Coal Group Co. Ltd.	China	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Shanxi Guoxin Energy Corp. Ltd.	China	Fossil Fuel
Shanxi Lanhua Sci-Tech Venture Co Ltd	China	Fossil Fuel
Shanxi Lu'an Environmental Energy Development Co Ltd	China	Fossil Fuel
Shanxi Meijin Energy Co., Ltd.	China	Fossil Fuel
Shawcor Ltd	Canada	Fossil Fuel
Shelf Drilling Holdings Ltd.	United Arab Emirates	Fossil Fuel
Shelf Drilling Ltd.	United Arab Emirates	Fossil Fuel
Shell International Finance BV	Netherlands	Fossil Fuel
Shenergy (Group) Co., Ltd.	China	Fossil Fuel
Shenergy Co., Ltd.	China	Fossil Fuel
Showa Shell Sekiyu K.K.	Japan	Fossil Fuel
Siberian Coal Energy Co. JSC	Russia	Fossil Fuel
Siccar Point Energy Bonds Plc	United Kingdom	Fossil Fuel
Siccar Point Energy Ltd.	United Kingdom	Fossil Fuel
Siem Offshore AS	Norway	Fossil Fuel
Silver Run Acquisition Corp.	United States	Fossil Fuel
SilverBow Resources, Inc.	United States	Fossil Fuel
Sino Gas & Energy Holdings Ltd.	Australia	Fossil Fuel
Sino Geophysical Co., Ltd.	China	Fossil Fuel
Sino Oil & Gas Holdings Ltd.	Hong Kong	Fossil Fuel
Sinochem Corp.	China	Fossil Fuel
Sinochem Group Co., Ltd.	China	Fossil Fuel
Sinochem Offshore Capital Co. Ltd.	Hong Kong	Fossil Fuel
Sinochem Overseas Capital Co. Ltd.	Hong Kong	Fossil Fuel
Sinopec Capital (2013) Ltd.	British Virgin Islands	Fossil Fuel
Sinopec Capital Ltd.	Hong Kong	Fossil Fuel
Sinopec Group Overseas Development (2012) Ltd.	British Virgin Islands	Fossil Fuel
Sinopec Group Overseas Development (2013) Ltd.	British Virgin Islands	Fossil Fuel
Sinopec Group Overseas Development (2014) Ltd.	British Virgin Islands	Fossil Fuel
Sinopec Group Overseas Development (2015) Ltd.	British Virgin Islands	Fossil Fuel
Sinopec Group Overseas Development (2016) Ltd.	British Virgin Islands	Fossil Fuel
Sinopec Group Overseas Development (2017) Ltd.	British Virgin Islands	Fossil Fuel
Sinopec Group Overseas Development (2018) Ltd.	British Virgin Islands	Fossil Fuel
Sinopec Group Overseas Development Ltd.	British Virgin Islands	Fossil Fuel
Sinopec Oilfield Service Corp	China	Fossil Fuel
Sinopec Yizheng Chemical Fibre Co., Ltd. /Fiber Ops/	China	Fossil Fuel
SK Innovation Co., Ltd.	South Korea	Fossil Fuel
Sky & Space Co. Ltd.	Australia	Fossil Fuel
SM Energy Co.	United States	Fossil Fuel
Smart Sand Inc	United States	Fossil Fuel
SNGN Romgaz SA	Romania	Fossil Fuel
SOCAR Turkey Enerji AS	Turkey	Fossil Fuel
Solaris Oilfield Infrastructure Inc	United States	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Solstad Offshore ASA	Norway	Fossil Fuel
Solstad Offshore ASA /Old/	n/a	Fossil Fuel
Sound Energy PLC	United Kingdom	Fossil Fuel
South Jersey Industries, Inc.	United States	Fossil Fuel
South32 Ltd	Australia	Fossil Fuel
SouthGobi Resources Ltd.	Canada	Fossil Fuel
Southstone Minerals Ltd.	Canada	Fossil Fuel
Southwestern Energy Co.	United States	Fossil Fuel
Sparc Technologies Ltd.	Australia	Fossil Fuel
Spartan Delta Corp.	Canada	Fossil Fuel
Spartan Energy Corp.	Canada	Fossil Fuel
Sparton Resources Inc.	Canada	Fossil Fuel
Spectrum ASA	Norway	Fossil Fuel
SPR Finance Corp.	United States	Fossil Fuel
SPT Energy Group Inc	Hong Kong	Fossil Fuel
SRC Energy Inc.	United States	Fossil Fuel
St. Joseph Energy Center LLC	United States	Fossil Fuel
Stanmore Resources Ltd.	Australia	Fossil Fuel
Star Energy Holdings Pte Ltd.	Singapore	Fossil Fuel
State Oil Company of Azerbaijan Republic	Azerbaijan	Fossil Fuel
Storm Resources Ltd	Canada	Fossil Fuel
Strad, Inc.	Canada	Fossil Fuel
Strata Power Corp.	Canada	Fossil Fuel
Strike Energy Ltd.	Australia	Fossil Fuel
Subsea 7 S.A.	United Kingdom	Fossil Fuel
Subsea 7, Inc.	Cayman Islands	Fossil Fuel
Suncor Energy Inc.	Canada	Fossil Fuel
Suncor Energy Ventures Holding Corporation	Canada	Fossil Fuel
Sundance Energy Australia Ltd	United States	Fossil Fuel
Sundance Energy, Inc.	United States	Fossil Fuel
Sundiro Holding Co Ltd	China	Fossil Fuel
Sunshine Oilsands Ltd.	Canada	Fossil Fuel
Superior Drilling Products Inc	United States	Fossil Fuel
Superior Energy Services, Inc.	United States	Fossil Fuel
Surge Energy Inc.	Canada	Fossil Fuel
Surgutneftegas PJSC	Russia	Fossil Fuel
Swiber Holdings Limited	Singapore	Fossil Fuel
Swissco Holdings Ltd	Singapore	Fossil Fuel
TAG Oil Ltd	Canada	Fossil Fuel
Talos Energy, Inc.	United States	Fossil Fuel
Talos Production, Inc.	United States	Fossil Fuel
Tamarack Valley Energy Ltd	Canada	Fossil Fuel
Tamm Oil & Gas Corp	Switzerland	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Tap Oil Ltd.	Australia	Fossil Fuel
Tatneft PJSC	Russia	Fossil Fuel
Technip SA	France	Fossil Fuel
TechnipFMC PLC	United Kingdom	Fossil Fuel
Tecpetrol SA	Argentina	Fossil Fuel
Teine Energy Ltd.	Canada	Fossil Fuel
Tellurian Inc.	United States	Fossil Fuel
Templar Energy LLC	United States	Fossil Fuel
Tenaris S.A.	Luxembourg	Fossil Fuel
Tengizchevroil Finance Co. International Ltd.	Bermuda	Fossil Fuel
TerraCom Ltd	Australia	Fossil Fuel
TerraVest Industries, Inc.	Canada	Fossil Fuel
TerraVia Holdings Inc	United States	Fossil Fuel
Tesco Corp.	United States	Fossil Fuel
Tethys Oil AB	Sweden	Fossil Fuel
TETRA Technologies, Inc.	United States	Fossil Fuel
Texas Pacific Land Corp.	United States	Fossil Fuel
Texas Pacific Land Trust	United States	Fossil Fuel
TGS-NOPEC Geophysical Co. ASA	Norway	Fossil Fuel
Thalassa Holdings Ltd.	British Virgin Islands	Fossil Fuel
The Drilling Co. of 1972 A/S	Denmark	Fossil Fuel
The Lanna Resources Public Co., Ltd.	Thailand	Fossil Fuel
The Oil & Gas Holding Co. BSC	Bahrain	Fossil Fuel
The Parkmead Group Plc	United Kingdom	Fossil Fuel
Tidewater Inc.	United States	Fossil Fuel
Titan Energy LLC	United States	Fossil Fuel
TMK Capital S.A.	Luxembourg	Fossil Fuel
TMK PAO	Russia	Fossil Fuel
TonenGeneral Sekiyu k.k.	Japan	Fossil Fuel
TORC Oil & Gas Ltd	Canada	Fossil Fuel
Toro Energy Ltd	Australia	Fossil Fuel
Tosco Corp.	United States	Fossil Fuel
Total Capital Canada Ltd.	Canada	Fossil Fuel
Total Capital International SA	France	Fossil Fuel
Total Capital SA	France	Fossil Fuel
Total Energy Services Inc.	Canada	Fossil Fuel
Total SE	France	Fossil Fuel
Touchstone Exploration Inc.	Canada	Fossil Fuel
Tourmaline Oil Corp.	Canada	Fossil Fuel
Toyo Kanetsu KK	Japan	Fossil Fuel
TransAtlantic Petroleum Ltd.	United States	Fossil Fuel
TransGlobe Energy Corp	Canada	Fossil Fuel
Transocean Ltd.	Switzerland	Fossil Fuel

## Exclusions (continued)

Company name	Country	Industry Involvement
Transocean Offshore Texas, Inc.	Norway	Fossil Fuel
Transocean Phoenix 2 Ltd.	Cayman Islands	Fossil Fuel
Transocean Proteus Ltd.	Cayman Islands	Fossil Fuel
Transocean Sentry Ltd.	Cayman Islands	Fossil Fuel
Transocean, Inc.	United States	Fossil Fuel
Traverse Midstream Partners LLC	United States	Fossil Fuel
Triangle Petroleum Corporation	United States	Fossil Fuel
Trican Well Service Ltd.	Canada	Fossil Fuel
Trinidad Drilling Ltd.	Canada	Fossil Fuel
Trinidad Petroleum Holdings Ltd.	Trinidad & Tobago	Fossil Fuel
Trinity Exploration & Production Plc	United Kingdom	Fossil Fuel
Tulip Oil Holding BV	Netherlands	Fossil Fuel
Tulip Oil Netherlands Offshore BV	Netherlands	Fossil Fuel
Tullow Oil PLC	United Kingdom	Fossil Fuel
Técnicas Reunidas, S.A.	Spain	Fossil Fuel
UBAG - Unterflurbetankungsanlage Flughafen Zürich AG	Switzerland	Fossil Fuel
UEX Corp.	Canada	Fossil Fuel
UK Oil & Gas Plc	United Kingdom	Fossil Fuel
Ukrnafta OJSC	Ukraine	Fossil Fuel
Ultra Petroleum Corp.	United States	Fossil Fuel
Unicorn Capital Partners Ltd.	South Africa	Fossil Fuel
Unit Corp	United States	Fossil Fuel
United Energy Group Ltd.	Hong Kong	Fossil Fuel
Universal Coal PLC	United Kingdom	Fossil Fuel
Ur-Energy Inc	United States	Fossil Fuel
Uranium Energy Corp	Canada	Fossil Fuel
Urenco Finance NV	Netherlands	Fossil Fuel
URENCO Ltd.	United Kingdom	Fossil Fuel
US Silica Holdings Inc	United States	Fossil Fuel
USA Compression Partners LP	United States	Fossil Fuel
Uzma Bhd	Malaysia	Fossil Fuel
Vaalco Energy Inc.	United States	Fossil Fuel
Valaris Plc	United Kingdom	Fossil Fuel
Valeura Energy Inc	Canada	Fossil Fuel
Vallianz Holdings Ltd.	Singapore	Fossil Fuel
Vallourec SA	France	Fossil Fuel
Vantage Delaware Holdings LLC	United States	Fossil Fuel
Vantage Drilling Co.	Cayman Islands	Fossil Fuel
Vantage Drilling International	United States	Fossil Fuel
Vedanta Limited	India	Fossil Fuel
Vedanta Resources Finance II Plc	United Kingdom	Fossil Fuel
Vedanta Resources Ltd.	United Kingdom	Fossil Fuel
Velesto Energy Bhd.	Malaysia	Fossil Fuel

**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Velocys PLC	United Kingdom	Fossil Fuel
Veresen Midstream LP	Canada	Fossil Fuel
Vermilion Energy Inc.	Canada	Fossil Fuel
Victoria Oil & Gas PLC	United Kingdom	Fossil Fuel
Videocon Industries Ltd	India	Fossil Fuel
Vimy Resources Ltd.	Australia	Fossil Fuel
Vinacomin - Mong Duong Coal JSC	Vietnam	Fossil Fuel
Vinacomin - Vang Danh Coal JSC	Vietnam	Fossil Fuel
Vinacomin Cao Son Coal JSC	Vietnam	Fossil Fuel
Vinacomin Coc Sau Coal JSC	Vietnam	Fossil Fuel
Vinacomin Deo Nai Coal JSC	Vietnam	Fossil Fuel
Vinacomin Nui Beo Coal JSC	Vietnam	Fossil Fuel
Vinacomin-Ha Tu Coal JSC	Vietnam	Fossil Fuel
Vine Oil & Gas LP	United States	Fossil Fuel
Vintage Energy Ltd.	Australia	Fossil Fuel
Viper Energy Partners LP	United States	Fossil Fuel
Virginia Electric & Power Co.	United States	Fossil Fuel
Viterra, Inc.	Canada	Fossil Fuel
Volga Gas plc	United Kingdom	Fossil Fuel
W&T Offshore, Inc.	United States	Fossil Fuel
Wah Seong Corp Bhd	Malaysia	Fossil Fuel
Washington H. Soul Pattinson & Co. Ltd.	Australia	Fossil Fuel
Weatherford International Ltd.	Switzerland	Fossil Fuel
Weatherford International PLC	United States	Fossil Fuel
Welltec A/S	Denmark	Fossil Fuel
Wentworth Resources Plc	United Kingdom	Fossil Fuel
Wescoal Holdings Ltd	South Africa	Fossil Fuel
Westcoast Energy, Inc.	Canada	Fossil Fuel
Western Energy Services Corp	Canada	Fossil Fuel
Westmoreland Coal Co.	United States	Fossil Fuel
Westmoreland Resource Partners, LP	United States	Fossil Fuel
Westwater Resources, Inc.	United States	Fossil Fuel
White Canyon Uranium Ltd.	Australia	Fossil Fuel
White Energy Co Ltd	Australia	Fossil Fuel
White Star Petroleum LLC	United States	Fossil Fuel
Whitecap Resources Inc.	Canada	Fossil Fuel
Whitehaven Coal Ltd	Australia	Fossil Fuel
Whiting Petroleum Corp.	United States	Fossil Fuel
WildHorse Resource Development Corp	United States	Fossil Fuel
Willbros Group, Inc.	United States	Fossil Fuel
Wintershall Dea Finance BV	Netherlands	Fossil Fuel
Wintershall Dea GmbH	Germany	Fossil Fuel
Wintime Energy Co.,Ltd.	China	Fossil Fuel



**Exclusions (continued)**

<b>Company name</b>	<b>Country</b>	<b>Industry Involvement</b>
Wison Engineering Services Co Ltd	China	Fossil Fuel
Woodside Finance Ltd.	Australia	Fossil Fuel
Woodside Petroleum Ltd	Australia	Fossil Fuel
Worley Ltd.	Australia	Fossil Fuel
WPX Energy Inc	United States	Fossil Fuel
Xiamen International Trade Group Corp. Ltd.	China	Fossil Fuel
Xinjiang Xintai Natural Gas Co., Ltd.	China	Fossil Fuel
Xstrata Plc	Switzerland	Fossil Fuel
XTO Energy, Inc.	United States	Fossil Fuel
Xtreme Drilling Corp	Canada	Fossil Fuel
Yacimientos Petroliferos Fiscales SA	Argentina	Fossil Fuel
Yanchang Petroleum International Ltd.	Hong Kong	Fossil Fuel
Yancoal Australia Ltd	Australia	Fossil Fuel
Yancoal International Resources Development Co., Ltd.	Hong Kong	Fossil Fuel
Yangarra Resources Ltd.	Canada	Fossil Fuel
Yankuang Group Co., Ltd.	China	Fossil Fuel
Yantai Jereh Oilfield Services Group Co.,Ltd	China	Fossil Fuel
Yanzhou Coal Mining Co Ltd	China	Fossil Fuel
Yinson Holdings Bhd	Malaysia	Fossil Fuel
YPF SA	Argentina	Fossil Fuel
Yunnan Energy Investment (Overseas) Co. Ltd.	British Virgin Islands	Fossil Fuel
Zargon Oil & Gas Ltd	Canada	Fossil Fuel
ZCL Composites Inc.	Canada	Fossil Fuel
Zhaikmunai LLP	Kazakhstan	Fossil Fuel
Zhejiang Energy Group Co., Ltd.	China	Fossil Fuel
Zhejiang Provincial Energy Group Finance Co. Ltd.	China	Fossil Fuel
Zhengzhou Coal Industry & Electric Power Co., Ltd.	China	Fossil Fuel
Zhongxing Tianheng Energy Technology Beijing Co., Ltd.	China	Fossil Fuel
Zion Oil & Gas Inc	United States	Fossil Fuel
ZITON A/S	Denmark	Fossil Fuel