

ESG Exclusion List

Net Zero-aligned Article 8 Strategies¹

UNGC (norms)

1. Bayer Aktiengesellschaft
2. BHP GROUP LIMITED
3. CORECIVIC, INC.
4. FREEPORT-MCMORAN INC.
5. GMK NORIL'SKIY NIKEL' PAO
6. Grupo Mexico, S.A.B. de C.V.
7. Petroleo Brasileiro S.A. (Petrobras)
8. PG&E CORPORATION
9. SHELL PLC
10. SOCIETE AURIFERE BARRICK
11. SOUTHERN COPPER CORPORATION
12. THE GEO GROUP, INC.
13. Tokyo Electric Power Company Holdings, Incorporated
14. VALE S.A.
15. Zijin Mining Group Company Limited

Controversial Weapons (ethics)

1. Advent (Russia)
2. Aerojet Rocketdyne Holdings Inc
3. Airbus Finance BV
4. Airbus SE
5. Anhui GreatWall Military Industry
6. Aryt Industries Ltd.
7. Avibras
8. Babcock International Group PLC
9. BAE Systems (Finance) Ltd.
10. BAE Systems Holdings, Inc.
11. BAE Systems PLC
12. BEML
13. Bharat Dynamics Limited
14. Brookfield Asset Management Inc.
15. Brookfield Business Partners L.P.
16. Brookfield Finance I(UK)Plc
17. Brookfield Finance LLC
18. Brookfield Finance, Inc.
19. Brookfield WEC Holdings, Inc.
20. BWX Technologies, Inc.
21. BWX Technologies, Inc. /Old/
22. CACI International Inc
23. China Aerospace Science & Technology Corp
24. China Shipbuilding Industry Co., Ltd.
25. CNIM Group SA

26. Ducommun Inc
27. Finmeccanica Finance SA
28. Fluor Corp.
29. Forest City Realty Trust Inc
30. General Dynamics Corp
31. General Dynamics Ordnance & Tactical Systems, Inc.
32. Hanwha Corp
33. Harris Corp
34. Honeywell International Inc
35. Huntington Ingalls Industries, Inc.
36. ICL Group Ltd.
37. Jacobs Engineering Group Inc
38. KLX Inc
39. L3 Technologies, Inc.
40. L3Harris Technologies, Inc.
41. Larsen & Toubro Limited
42. Leidos Holdings Inc
43. Leidos, Inc.
44. Leonardo S.p.a.
45. LIG Nex1 Co Ltd
46. Lockheed Martin Corp
47. ManTech International Corp.
48. Mississagi Power Trust
49. Moog Inc
50. NORINCO
51. Northrop Grumman Corp.
52. Northrop Grumman Innovation Systems, Inc.
53. Northrop Grumman Systems Corp.
54. Oceaneering International, Inc.
55. Poongsan Corporation
56. Premier Explosives Ltd
57. Raytheon Co
58. Raytheon Technologies Corp.
59. Rockwell Collins, Inc.
60. Roketsan
61. Rolls-Royce Holdings PLC
62. Rolls-Royce Plc
63. Safran SA
64. SNT DYNAMICS Co., Ltd.
65. Solar Industries
66. Textron Inc.
67. Thales SA
68. The Boeing Company
69. Ultra Electronics Holdings PLC
70. United Technologies Corp
71. Walchandnagar Industries Ltd.
72. Zodiac Aerospace SA

Predatory Lending (ethics)

1. Cash Converters International Ltd.
2. CURO Financial Technologies Corp.
3. CURO Group Holdings Corp.
4. Elevate Credit, Inc.
5. Enova International Inc
6. EZCORP, Inc.
7. Ferratum Capital Germany GmbH
8. FirstCash, Inc.
9. Grupo Elektra, S.A.B. de C.V.
10. International Personal Finance PLC
11. KRUK SA

12. Maxi-Cash Financial Services Corp. Ltd.
13. Multitude SE
14. Provident Financial PLC
15. QC Holdings, Inc.
16. Regional Management Corp.
17. ValueMax Group Ltd
18. World Acceptance Corp.
19. Xiamen International Trade Group Corp. Ltd.

Tobacco (ethics)

1. 22nd Century Group Inc
2. Al-Eqbal Co. for Investment Plc
3. Altria Group Inc.
4. AMVIG Holdings Ltd.
5. Anhui Genuine New Materials Co., Ltd
6. B.A.T. Capital Corp.
7. B.A.T. International Finance p.l.c.
8. BADECO ADRIA dd
9. BAT Brasil
10. Bright Packaging Industry Bhd
11. Brilliant Circle Holdings International Ltd.
12. British American Tobacco Bangladesh Co.
13. British American Tobacco Holdings (The Netherlands) B.V.
14. British American Tobacco Kenya Ltd.
15. British American Tobacco Malaysia Bhd.
16. British American Tobacco p.l.c.
17. British American Tobacco Uganda Ltd.
18. British American Tobacco Zambia Plc
19. British American Tobacco Zimbabwe Ltd.
20. Bulgartabac Holding AD
21. Cat Loi JSC
22. Celanese Corp.
23. Celanese US Holdings LLC
24. Ceylon Tobacco Co PLC
25. Champion Alliance International Holdings Ltd.
26. China Boton Group Co., Ltd.
27. China National Tobacco Corp.
28. Coka Duvanska Industrija AD
29. CTO Public Co. Ltd.
30. Duvanska Industrija a.d. Bujanovac
31. Eastern Co. (Egypt)
32. Eastman Chemical Co
33. Essentra PLC
34. Foshan Huaxin Packaging Co Ltd
35. Godfrey Phillips India Ltd.
36. Golden Tobacco Ltd
37. Gotse Delchev Tabac AD
38. G-Shank Enterprise Co., Ltd.
39. Guangdong New Grand Long Packing Co Ltd
40. Haci Ömer Sabancı Holding A.S.
41. Hoang Long Group
42. Huabao Flavours & Fragrances Co., Ltd.

¹ As at 2022.01, these are: Algebris Financial Credit Fund, Algebris IG Financial Credit Fund, Algebris Financial Income Fund, Algebris Financial Equity,

Fund, Algebris Long Only Fund, Algebris Financial Bond Fund

43. Huabao International Holdings Ltd.
 44. Huaxi Holdings Co. Ltd.
 45. I.M.A. Industria Macchine Automatiche S.p.A.
 46. Imperial Brands Finance Netherlands BV
 47. Imperial Brands Finance Plc
 48. Imperial Brands PLC
 49. ITC Ltd.
 50. Japan Tobacco Inc.
 51. Jerusalem Cigarette co. LTD.
 52. Jia Yao Holdings Ltd.
 53. JT International Financial Services BV
 54. Karelia Tobacco Co., Inc.
 55. Khyber Tobacco Co Ltd
 56. KT&G Corp
 57. KUK-IL PAPER MFG Co Ltd
 58. Lorillard, LLC
 59. LT Group, Inc.
 60. Mayr-Melnhof Karton AG
 61. Miquel y Costas & Miquel, S.A.
 62. Mudanjiang Hengfeng Paper Co., Ltd.
 63. New Toyo International Holdings Ltd
 64. Ngan Son JSC
 65. Nikotiana BT Holding AD
 66. NTC Industries Ltd
 67. Old Holdco, Inc.
 68. Pakistan Tobacco Co. Ltd.
 69. Pazardzhik BTM AD
 70. Philip Morris (Pakistan) Ltd.
 71. Philip Morris CR a.s.
 72. Philip Morris International Inc.
 73. Philip Morris Operations AD
 74. PT Argha Karya Prima Industry Tbk
 75. PT Bentoel International Investama Tbk
 76. PT Gudang Garam Tbk
 77. PT Hanjaya Mandala Sampoerna Tbk
 78. PT Indonesian Tobacco Tbk
 79. PT Indopoly Swakarsa Industry Tbk
 80. PT Wismilak Inti Makmur Tbk
 81. Pyxus International, Inc.
 82. Rayonier Advanced Materials Inc
 83. Reinet Investments S.C.A.
 84. Renheng Enterprise Holdings Ltd
 85. Reynolds American Inc.
 86. RLX Technology, Inc.
 87. Scandinavian Tobacco Group A/S
 88. Schweitzer-Mauduit International, Inc.
 89. Shaanxi Jinye Science Technology & Education Group Co., Ltd.
 90. Shanghai Industrial Holdings Ltd.
 91. Sheen Tai Holdings Group Co Ltd
 92. Shenzhen Jinjia Group Co., Ltd.
 93. Shiner International, Inc.
 94. Sila Holding AD
 95. Sinar Bidi Udyog Ltd.
 96. SITAB
 97. Slantse Stara Zagora Tabac AD
 98. Smoore International Holdings Ltd.
 99. Sofima Holding SpA
 100. Standard Diversified, Inc.
 101. STG Global Finance BV
 102. Sunwoda Electronic Co., Ltd.
 103. Swedish Match AB
 104. Tanzania Cigarette Co. Ltd.
 105. Ten Pao Group Holdings Ltd.
 106. Tian Chang Group Holdings Ltd.
 107. Tien Wah Press Holdings Bhd.

108. Tri-Pack Films Ltd
 109. Turning Point Brands Inc
 110. Tutunski Kombinat AD Prilep
 111. TYM CORP.
 112. Union Investment Corp.
 113. Union Tobacco & Cigarette Industries Co
 114. Universal Corp
 115. Vapor Group, Inc.
 116. Vector Group Ltd
 117. VPR Brands LP
 118. VST Industries Ltd.
 119. West Indian Tobacco Co. Ltd.
 120. Whole Earth Brands, Inc.
 121. Xianhe Co., Ltd.
 122. Yunnan Energy New Material Co., Ltd.
 123. Yuri Gagarin Plc

Arctic Oil (climate)

1. Centrica PLC
 2. DNO ASA
 3. DNO North Sea Plc
 4. Eni Finance International SA
 5. Eni SpA
 6. Eni USA, Inc.
 7. Equinor ASA
 8. Gaz Capital SA
 9. Gaz Finance Plc
 10. Gazprom Neft PJSC
 11. Gazprom PJSC
 12. GPN Capital SA
 13. Hilcorp Energy Co.
 14. Hilcorp Energy I LP
 15. Idemitsu Kosan Co., Ltd.
 16. INPEX Corp.
 17. Neptune Energy Bondco Plc
 18. Neptune Energy Group Ltd.
 19. Total Capital Canada Ltd.
 20. Total Capital International SA
 21. Total Capital SA
 22. TotalEnergies SE
 23. Wintershall Dea Finance 2 BV

Oil Sands (climate)

1. Athabasca Oil Corp.
 2. Baytex Energy (LP) Ltd.
 3. Baytex Energy Corp.
 4. BG Energy Capital Plc
 5. BP Capital Markets BV
 6. BP Capital Markets Plc
 7. BP p.l.c.
 8. Burlington Resources Finance Co.
 9. Canadian Natural Resources Ltd.
 10. Canadian Oil Sands Ltd.
 11. Cenovus Energy Inc.
 12. Chevron Corporation
 13. China National Offshore Oil Corp.
 14. China National Petroleum Corp.
 15. China Petroleum & Chemical Corp.
 16. CNOOC Finance (2011) Ltd.

17. CNOOC Finance (2012) Ltd.
 18. Cnooc Finance (2015) Australia Pty Ltd.
 19. CNOOC Finance 2003 Ltd.
 20. CNOOC Finance 2013 Ltd.
 21. Cnooc Finance USA LLC
 22. CNOOC Ltd
 23. CNOOC Nexen Finance (2014) ULC
 24. CNPC (HK) Overseas Capital Ltd.
 25. CNPC Capital Co., Ltd.
 26. CNPC General Capital Ltd.
 27. Concho Resources Inc
 28. Connacher Oil & Gas Ltd.
 29. Conoco Funding Co.
 30. Conoco, Inc.
 31. ConocoPhillips
 32. ConocoPhillips Canada Funding Co. II
 33. ERM Power Ltd.
 34. Exxon Mobil Corp.
 35. Franco-Nevada Corp.
 36. Freehold Royalties Ltd.
 37. Harvest Operations Corp.
 38. Husky Energy Inc.
 39. Imperial Oil Ltd
 40. Japan Petroleum Exploration Co., Ltd.
 41. Korea National Oil Corp.
 42. MEG Energy Corp.
 43. Obsidian Energy Ltd.
 44. Pengrowth Energy Corp.
 45. Petro-Canada
 46. PetroChina Co Ltd
 47. PrairieSky Royalty Ltd
 48. Royal Dutch Shell PLC
 49. RSP Permian Inc
 50. Shell International Finance BV
 51. Sinopec Capital (2013) Ltd.
 52. Sinopec Capital Ltd.
 53. Sinopec Group Overseas Development (2012) Ltd.
 54. Sinopec Group Overseas Development (2013) Ltd.
 55. Sinopec Group Overseas Development (2014) Ltd.
 56. Sinopec Group Overseas Development (2015) Ltd.
 57. Sinopec Group Overseas Development (2016) Ltd.
 58. Sinopec Group Overseas Development (2017) Ltd.
 59. Sinopec Group Overseas Development (2018) Ltd.
 60. Sinopec Group Overseas Development Ltd.
 61. Suncor Energy Inc.
 62. Sunshine Oilsands Ltd.
 63. Tatneft PJSC
 64. Teck Resources Ltd
 65. Tengizchevroil Finance Co. International Ltd.
 66. Tosco Corp.
 67. Total Capital Canada Ltd.
 68. Total Capital International SA
 69. Total Capital SA
 70. TotalEnergies SE
 71. Trinity Exploration & Production Plc

Thermal Coal² (climate)

1. A2A S.p.A.
2. ABUJA Investment Co. Pte Ltd.
3. Aboitiz Equity Ventures, Inc.
4. Aboitiz Power Corp.
5. Abu Dhabi National Energy Co PJSC
6. AC Energy Corp.
7. AC Energy Finance International Ltd.
8. ACWA Power Management & Investments One Ltd.
9. Adani Electricity Mumbai Ltd.
10. Adani Enterprises Limited
11. Adani Power Ltd.
12. Adani Transmission Ltd
13. Adulya Energy
14. AEP Texas, Inc.
15. AES Andes SA
16. AES Andres BV
17. AES Andres Dominicana Ltd.
18. AES Argentina Generación SA
19. AES El Salvador Trust II
20. AES Indiana
21. AEV International Pte Ltd.
22. Africa Coal Partners Ltd
23. African Energy Resources Ltd
24. African Power Coal Ltd
25. African Rainbow Minerals Ltd.
26. AGC Inc
27. AGL Energy Ltd.
28. Agritrade Resources Ltd.
29. Air Products & Chemicals Inc
30. Air Water Inc.
31. Aksa Akriklik Kimya Sanayi AS
32. Aksa Enerji Üretim A.S.
33. Alabama Power Co.
34. Alarko Holding A.S.
35. Albioma SA
36. Alcan, Inc.
37. Alcoa Corp.
38. Alexander Funding Trust
39. Algonquin Power & Utilities Corp.
40. Algonquin Power Corp.
41. Allegiance Coal Ltd
42. ALLETE Inc
43. Alliance Holdings GP LP
44. Alliance Resource Partners LP
45. Alliant Energy Corp.
46. Alpha Metallurgical Resources, Inc.
47. Altalink Investments LP
48. AltaLink LP
49. Altius Minerals Corp
50. Alton Coal Development
51. Altraso Ventures Ltd
52. Altura Mining Ltd
53. Aluminum Corp. of China Ltd.
54. Ameren Corp.
55. American Electric Power Co Inc
56. AmeriGas Finance LLC
57. An Hui Wenergy Co., Ltd.
58. An Khanh Electricity JSC
59. Andhra Pradesh Power Generation Corp Ltd
60. Anglo American Capital Plc
61. Anglo American PLC
62. Anglo Pacific Group PLC
63. Anhui Hengyuan Coal Industry & Electricity Power Co., Ltd.
64. Anhui Province Energy Group Co Ltd (Wenergy Group)
65. Anhui Wanbei Coal - Electricity Group Co Ltd
66. AntarChile S.A.
67. Appalachian Power Co.
68. Aq Sora LLC
69. ArcelorMittal SA
70. Arch Resources, Inc.
71. Arizona Public Service Co.
72. ASF Group Ltd
73. Atha-Africa Ventures Pty Ltd
74. Athena Energy Ventures Pvt Ltd
75. Atlantic Power Corp
76. Aurobindo Reality and Infrastructure Pvt Ltd
77. Aus Tin Mining Ltd
78. AustChina Holdings Ltd
79. Australian Pacific Coal Ltd
80. Avista Corp
81. AWE Pty Ltd.
82. Ayala Corp.
83. AYC Finance Ltd.
84. Aydem Enerji
85. Baganuur Power LLC
86. Bajaj Hindusthan Sugar Ltd
87. Bajaj Power Ventures Pvt Ltd
88. Bangladesh Power Development Board
89. Banpu Power Public Co. Ltd.
90. Banpu Public Co. Ltd.
91. Banque International à Luxembourg
92. Barapukuria Coal Mining Co Ltd
93. Batchfire Resources Pty Ltd
94. Bathurst Resources Ltd
95. Befar Group Co., Ltd.
96. Beijing Energy Holding Co Ltd
97. Beijing Haohua Energy Resource Co., Ltd.
98. BELON OAO
99. Berkshire Hathaway Energy Co.
100. Berkshire Hathaway Finance Corp.
101. Berkshire Hathaway Inc
102. Bharat Heavy Electricals Ltd
103. BHP Billiton Finance (USA) Ltd.
104. BHP Billiton Finance Ltd.
105. BHP Finance (USA) Ltd.
106. BHP Group Ltd.
107. BHP Group Plc
108. Bisichi Plc
109. BKW AG
110. BKW Energie AG
111. Black Cockatoo Holdings Pty Ltd
112. Black Hills Corp
113. Black Royalty Minerals Pty Ltd
114. Blackgold Natural Resources Ltd
115. Bodi International LLC
116. Boulder Stone Mart Pvt Ltd
117. Bowen Coking Coal Ltd
118. Bulgarian Energy Holding EAD
119. Cairn India Ltd
120. Cambodia International Investment Development Group Co Ltd
121. Capital Power Corp.
122. Carbonifera Siderópolis Ltda
123. Carolina Power & Light Co.
124. Castle Peak Power Finance Co. Ltd.
125. CC Kolmar LLC
126. CCEP Finance (Ireland) DAC
127. Celestial Miles Ltd.
128. Celsia SA ESP
129. Celtic Resources Holdings Ltd.
130. CenterPoint Energy Inc
131. CenterPoint Energy Transition Bond Co. IV LLC
132. Centrais Elétricas Brasileiras SA
133. Central Networks East Plc
134. Central Networks West Plc
135. Central Puerto SA
136. Centum Investment Co Plc
137. CESC Ltd.
138. Ceylon Electricity Board
139. CEZ, a. s.
140. CGN New Energy Holdings Co., Ltd.
141. Chalco Hong Kong Investment Co. Ltd.
142. Chandra Prabhu International Ltd
143. Chifeng Economic Development Zone Power Generation Co Ltd
144. China Coal Energy Co., Ltd.
145. China Coal Xinji Energy Co Ltd
146. China Datang Co., Ltd.
147. China Energy Engineering Group Co Ltd (Energy China Group)
148. China Energy Investment Corp., Ltd.
149. China Gezhouba Group Co., Ltd.
150. China Guodian Corp.
151. China Huadian Corp. Ltd.
152. China Huaneng Group (Hong Kong) Treasury Mgt Holding Ltd.
153. China Huaneng Group Co., Ltd.
154. China Kingho Energy Group Co Ltd
155. China Longyuan Power Group Corp. Ltd.
156. China National Coal Group Corp (ChinaCoal)
157. China National Machinery Import and Export Corp (CMC)
158. China National Machinery Industry Corp (Sinomach)
159. China National Travel Service (HK) Group Corp.
160. China North Industries Group Co Ltd (NORINCO)
161. China Oceanwide Holdings Ltd
162. China Petrochemical Group (Sinopec Group)
163. China Pingmei Shenma Group
164. China Power Clean Energy Development Co. Ltd.
165. China Power International Development Ltd.
166. China Qinfu Group Ltd.
167. China Resources (Holdings) Co., Ltd.
168. China Resources Power Holdings Co. Ltd.
169. China Shenhua Energy Co Ltd
170. China Shenhua Overseas Capital Co., Ltd.
171. China Sinogy Electric
172. China Southern Power Grid Co., Ltd.
173. China Southern Power Grid International Finance BVI Co., Ltd.
174. China State Construction Finance (Cayman) I Ltd.
175. China State Construction Finance (Cayman) II Ltd.
176. China State Construction Finance (Cayman) III Ltd.
177. China State Construction International Holdings Ltd
178. China Sunshine Paper Holdings Co. Ltd.
179. China Wanxiang Holdings Ltd
180. Chongqing Energy Investment Group Co. Ltd.
181. Chowgule & Co Pvt Ltd
182. Chubu Electric Power Co., Inc.

² Includes all exclusions based on mining, and/or power, and/or expansion

183.	Chugoku Electric Power Co Inc	253.	Duke Energy Ohio, Inc.	323.	Eskom Holdings SOC Limited
184.	Ciech S.A.	254.	Duke Energy Progress LLC	324.	Essar Energy Ltd
185.	CIHC Pak Power Co Ltd	255.	Dynegy Inc	325.	Essel Mining & Industries Ltd
186.	Ciner Group (Park Holding AS)	256.	E.ON International Finance BV	326.	Eta-Zuma Group Ltd
187.	CITIC Group Corp.	257.	E.ON SE	327.	Eterna Capital Pte Ltd.
188.	CITIC Ltd.	258.	East Energy Resources Ltd	328.	ETP Legacy LP
189.	CITIC Resources Holdings Ltd.	259.	East Hope Group Co Ltd	329.	Eurasian Natural Resources Corp Ltd.
190.	Cleco Corporate Holdings LLC	260.	EDP - Energias de Portugal, S.A.	330.	Evergy Kansas Central, Inc.
191.	Cleco Power LLC	261.	EDP - Energias do Brasil SA	331.	Evergy Kansas South, Inc.
192.	Cloud Peak Energy Inc.	262.	EDP Espirito Santo Distribuição de Energia SA	332.	Evergy, Inc.
193.	Cloud Peak Energy Resources LLC	263.	EDP Finance BV	333.	EVN AG
194.	CLP Holdings Ltd.	264.	EDP São Paulo Distribuição de Energia SA	334.	Evolution Power Investment Corp
195.	CLP Power HK Finance Ltd.	265.	Ekokem Oyj	335.	Evrax Group SA
196.	CLP Power Hong Kong Financing Ltd.	266.	Electric Power Development Co., Ltd.	336.	EVRAZ PLC
197.	CMS Energy Corp	267.	Electricite de France SA	337.	EWE AG
198.	Coal Asia Holdings Inc	268.	Electricity Generating Authority of Thailand (EGAT)	338.	Exxaro Resources Ltd
199.	Coal Energy SA	269.	Electricity Generating Public Co., Ltd.	339.	Fairmine Carbons Pvt Ltd
200.	Coal India Limited	270.	Electricity Generation Co Malawi Ltd	340.	Fauji Fertilizer Co. Ltd.
201.	Coal Power Generation Co Bangladesh Ltd	271.	Electricity Supply Board Ltd.	341.	Federal Hydro-Generating Co. RusHydro PJSC
202.	Coal Star Co Ltd	272.	Elektrik Uretim AS Genel Mudurlugu (EUAS)	342.	Feishang Anthracite Resources Ltd
203.	Coalspur Mines Pty Ltd	273.	Elektroprivreda Republike Srpske (ERS)	343.	Filinvest Development Corp.
204.	Coalzar Pty Ltd	274.	Elektroprivreda Srbije (EPS)	344.	First Pacific Co Ltd
205.	Coca-Cola Amatil Ltd.	275.	Elion Resources Group Ltd	345.	First Quantum Minerals Ltd
206.	Coca-Cola Enterprises, Inc.	276.	Elm Road Generating Station Supercritical LLC	346.	FirstEnergy Corp.
207.	Coca-Cola Europacific Partners Plc	277.	Emera US Finance LP	347.	Fita International Ltd.
208.	Colbún S.A.	278.	Emera, Inc.	348.	Florida Power & Light Co.
209.	Comisión Federal de Electricidad SA de CV	279.	Empresa Eléctrica Angamos SA	349.	Florida Power Corp.
210.	Companhia Paranaense de Energia	280.	Empresa Eléctrica Cochrane SpA	350.	Foresight Energy LP
211.	Comsar Energy Group Ltd	281.	Empresa Eléctrica Guacolda SA	351.	Fortis Inc.
212.	Cong Thanh Cement JSC	282.	Empresas Copec S.A.	352.	Fortum Oyj
213.	CONSOL Energy Inc.	283.	En+ Group International PJSC	353.	Franco-Nevada Corp.
214.	Consumers Energy Co.	284.	EnBW Energie Baden Württemberg AG	354.	Fujian Funeng Co., Ltd.
215.	Contour Power Global Holdings	285.	ENBW International Finance BV	355.	GACL-NALCO Alkalies & Chemicals Pvt Ltd
216.	ContourGlobal Plc	286.	Endesa, S.A.	356.	Gangneung Eco Power Co Ltd
217.	ContourGlobal Power Holdings SA	287.	Enea SA	357.	Gansu Jingyuan Coal Industry and Electricity Power Co Ltd
218.	Copelmi Mineração Ltda	288.	Enel Américas S.A.	358.	Gansu Province Electric Power Investment Group Co Ltd (GEPIC)
219.	Coronado Finance Pty Ltd.	289.	Enel Chile S.A.	359.	Gayatri Projects Ltd
220.	Coronado Global Resources, Inc.	290.	ENEL Finance International NV	360.	Gaz Capital SA
221.	Corsa Coal Corp	291.	ENEL Finance International SA	361.	Gaz Finance Plc
222.	County International Ltd	292.	Enel Generación Chile S.A.	362.	Gazprom PJSC
223.	CPS Energy	293.	Enel Russia PJSC	363.	GCM Resources plc
224.	Daikyo Inc.	294.	Enel SpA	364.	GD Power Development Co., Ltd
225.	Dalian Guohong Thermal Power Group Co Ltd	295.	ENEOS Holdings, Inc.	365.	Gecelca SAESP
226.	Damodar Valley Corp	296.	Energa Finance AB	366.	Geely Baikuang Mining Group Co Ltd
227.	Datang International Power Generation Co., Ltd.	297.	Energa SA	367.	Gemeng International Energy Co. Ltd.
228.	Déficit Del Sistema Eléctrico FTA	298.	Energetický a Prumyslový Holding as	368.	Genesis Energy Ltd.
229.	Demir Export AS	299.	Energias de Portugal SA	369.	Genting Bhd.
230.	Dexia Banque Internationale à Luxembourg SA	300.	Energy Earth Public Co., Ltd.	370.	Geo Energy Resources Ltd
231.	Dianjian Haixing Ltd.	301.	Energy Harbor Corp.	371.	Georgia Power Co.
232.	Dianjian Haiyu Ltd.	302.	Energy Resources LLC	372.	GIE Suez Alliance
233.	Dianjian International Finance Ltd.	303.	Energy Transfer LP	373.	Glencore Capital Finance DAC
234.	Digix (Hong Kong) Ltd.	304.	Energy Transfer Operating LP	374.	Glencore Finance (Canada) Ltd.
235.	Diler Holding	305.	Eneva S.A.	375.	Glencore Finance (Dubai) Ltd.
236.	DMCI Holdings, Inc.	306.	Engie Brasil Energia S.A.	376.	Glencore Finance (Europe) Ltd.
237.	Dominion Energy Inc	307.	Engie Energia Chile SA	377.	Glencore Funding LLC
238.	Dominion Energy South Carolina, Inc.	308.	Engie SA	378.	Glencore PLC
239.	Donbasenergo PJSC	309.	Engro Corp. Ltd.	379.	Global Power Synergy PCL
240.	Dongyuan Investment Group Co Ltd	310.	ENN Natural Gas Co., Ltd.	380.	Glow Energy Public Co., Ltd.
241.	Doosan Heavy Industries & Construction Co Ltd	311.	Entergy Arkansas LLC	381.	GMR Infrastructure Ltd
242.	Drax Finco Plc	312.	Entergy Corp	382.	GOHL Capital Ltd.
243.	Drax Group PLC	313.	Entergy Louisiana LLC	383.	Golden Energy & Resources Ltd.
244.	DTE Electric Co.	314.	Entergy Mississippi LLC	384.	Golden Lake Co Ltd
245.	DTE Energy Co	315.	Entergy Texas, Inc.	385.	Goseong Green Power Co Ltd
246.	DTEK B.V.	316.	Entergy Utility Affiliates LLC	386.	GPN Capital SA
247.	DTEK Finance Plc	317.	Entergy Utility Property, Inc.	387.	Grange Power Ltd
248.	Dubai Electricity and Water Authority (DEWA)	318.	EP Energy, a.s.	388.	Great Plains Energy Inc
249.	Duke Energy Carolinas LLC	319.	EP Infrastructure as	389.	Green Leader Holdings Group Ltd
250.	Duke Energy Corp	320.	EP Infrastructure AS /Old/	390.	Grupa Azoty SA
251.	Duke Energy Florida LLC	321.	Erdenes Mongol LLC	391.	Grupo Argos S.A.
252.	Duke Energy Indiana LLC	322.	ESB Finance DAC	392.	Grupo Energia Bogotá SA ESP
				393.	Grupo México, S.A.B. de C.V.
				394.	GS Holdings Corp

395. Guangdong Baolihua New Energy Stock Co., Ltd.
396. Guangdong Electric Power Development Co. Ltd.
397. Guangdong Energy Group Co Ltd
398. Guangdong Investment Ltd.
399. Guangdong King Sun Electric Power Group Limited
400. Guangdong Pearl River Investment Management Co Ltd
401. Guangdong Shaoneng Group Co., Ltd.
402. Guanghui Energy Co., Ltd.
403. Guangxi Guidong Electric Power Co Ltd
404. Guangxi Guiguan Electric Power Co., Ltd.
405. Guangxi Investment Group Co., Ltd.
406. Guangzhou Development Group, Inc.
407. Guiyang Energy (Group) Co Ltd
408. Guizhou Panjiang Coal And Electricity Group Co Ltd
409. Guizhou Panjiang Refined Coal Co., Ltd.
410. Guizhou Wujiang Hydropower Development Co., Ltd.
411. Gujarat Industries Power Co. Ltd.
412. Gujarat Mineral Development Corp. Ltd.
413. Gujarat Urja Vikas Nigam Ltd
414. Gulf Energy Ltd
415. Gulf Power Co.
416. Guodian Changyuan Electric Power Co Ltd
417. Guoyuan Times Coal Asset Management Co Ltd
418. GVK Coal Developers (Singapore) Pte Ltd
419. GVK Power & Infrastructure Ltd
420. Haci Ömer Sabancı Holding A.S.
421. Hallador Energy Co.
422. Han Seng Coal Mine Co Ltd
423. Hancock Prospecting Pty Ltd
424. Hangzhou Jinjiang Group Co Ltd
425. Harbin Electric Corp
426. HardRock Coal Mining Pty Ltd
427. Hargreaves Services PLC
428. Hattat Holding AS
429. Hebei Construction & Investment Group Co., Ltd.
430. HEG Ltd.
431. Henan Dayou Energy Co Ltd
432. Henan Energy and Chemical Industry Group Co Ltd
433. Henan Shenhua Coal & Power Co., Ltd.
434. Henan Shenhua Group Co Ltd
435. Hengli Petrochemical Co., Ltd.
436. Hidili Industry International Development Ltd.
437. Hindalco Industries Ltd
438. Hindustan Powerprojects Pvt Ltd
439. Hirono IGCC Power GK
440. HK Electric Investments & HK Electric Investments Ltd.
441. HKCG (Finance) Ltd.
442. Hokkaido Electric Power Co., Inc.
443. Hokuriku Electric Power Co.
444. Hong Kong & China Gas Co. Ltd.
445. Hongkong Electric Finance Ltd.
446. Hosken Consolidated Investments Ltd.
447. Hrvatska Elektroprivreda dd
448. Huadian Energy Co., Ltd.
449. Huadian Fuxin Energy Corp Ltd
450. Huadian Power International Corp Ltd
451. Huaibei Mining Group Co
452. Huaihe Energy Holding Group Co Ltd
453. Huaneng Power International, Inc.
454. Huasheng Jiangquan Group
455. Huaxin Energy Aust Pty Ltd
456. Huayang New Material Technology Group Co. Ltd.
457. Hub Power Co Ltd
458. Hubei Energy Group Co. Ltd.
459. Huolinhe Opencut Coal Industry Corp. Ltd. of Inner Mongolia
460. Hwange Colliery Co Ltd
461. Iberdrola Finanzas SA
462. Iberdrola International BV
463. Iberdrola Renovables SA
464. Iberdrola, S.A.
465. IC Ibrahim Cecen Yatirim Holding AS
466. Ichor Coal NV
467. Idacorp Inc
468. Idaho Power Co.
469. Idemitsu Kosan Co., Ltd.
470. IE2 Holdco SAU
471. Ikwezi Mining Ltd
472. Ilima Coal Co Pty Ltd
473. India Cements Ltd.
474. Indiana Michigan Power Co.
475. Indika Energy Capital III Pte. Ltd.
476. Indika Energy Capital IV Pte Ltd.
477. Indo Energy Finance II BV
478. Industrial Development Corp of South Africa Ltd
479. Inner Mongolia Chuangyuan Metal Co Ltd
480. Inner Mongolia Dongyuan Scien Tech Co Ltd
481. Inner Mongolia Energy Generation & Investment Group
482. Inner Mongolia ERDOS Resources Co., Ltd.
483. Inner Mongolia Huineng Coal and Electricity Group Co Ltd
484. Inner Mongolia Junzheng Energy & Chemical Group Co., Ltd.
485. Inner Mongolia Mengdian Huaneng Thermal Power Corp. Ltd.
486. Inner Mongolia Mengtai Coal and Electricity Group Co Ltd
487. Inner Mongolia PingZhuang Energy Resources Co.,Ltd
488. Inner Mongolia Shuangxin Energy & Chemical Co Ltd
489. Inner Mongolia Yitai Coal Co.,Ltd.
490. Inner Mongolia Yitai Group Co Ltd
491. Inner Mongolia Yuanyuan Energy Group Co Ltd
492. innogy Finance BV
493. innogy SE
494. Inter RAO UES PJSC
495. InterGen NV
496. International Coal Holdings Ltd.
497. International Coal Ventures Pvt Ltd
498. International Company for Water & Power Projects
499. Interstate Power & Light Co.
500. Intra Energy Corp. Ltd.
501. IPALCO Enterprises, Inc.
502. Ipek Dogal Enerji Kaynaklari Arastirma ve Üretim AS
503. Iran Power Generation and Transmission Co (TAVANIR)
504. Irkutskenergo JSC
505. IRPC Public Co., Ltd.
506. ITOCHU Corp.
507. Itochu Enex Co.,Ltd.
508. Izdemir Enerji Elektrik Uretim AS
509. Jaiprakash Associates Ltd
510. Jamshoro Power Co Ltd
511. Janakuasa Pte Ltd
512. Jardine Cycle & Carriage Ltd.
513. Jardine Matheson Holdings Ltd.
514. Jardine Strategic Holdings Ltd.
515. Jastrzebska Spółka Weglowa SA
516. JG Summit Holdings Inc
517. Jharkhand Biji Vitaran Nigam Ltd
518. Jiangmen Xinhui Shuangshui Third Power Plant Co Ltd
519. Jiangsu Delong Nickel Industry Co
520. Jiangsu Eastern Shenghong Co., Ltd.
521. Jiangsu Guoxin Corp. Ltd.
522. Jiangsu Guoxin Investment Group Ltd
523. Jiangxi Ganneng Co Ltd
524. Jiangxi Province Investment Group Co Ltd
525. Jilin Provincial Coal Industry Group Co Ltd
526. Jindal Steel & Power Ltd
527. Jingyuan Coal Industry Group
528. Jinneng Group Co Ltd
529. Jinneng Holding Power Group Co., Ltd.
530. Jinneng Holding Shanxi Coal Industry Co., Ltd.
531. Jinneng Holding Shanxi Electric Power Co., Ltd.
532. Jinneng Holdings Coal Industry Group Co., Ltd.
533. Jionto Energy Investment Co., Ltd. Hebei
534. Jiuquan Iron & Steel (Group) Co Ltd
535. Jizhong Energy Group Co Ltd
536. Jizhong Energy Resources Co., Ltd
537. JMH Co. Ltd.
538. JMS Mining Pvt Ltd
539. JP Elektroprivreda BiH dd
540. JP Elektroprivreda HZ HB d.d. Mostar
541. JSC Donugol
542. JSC HC SDS
543. JSC SUEK Group
544. JSC Ural Mining Metallurgical Co
545. JSC Uzbekenergo
546. JSC Vorkutaugol
547. JSW Energy Ltd
548. JSW Hydro Energy Ltd.
549. Kailuan (Group) Ltd Liability Corp
550. Kailuan Energy Chemical Co Ltd
551. Kaisun Holdings Ltd.
552. Kangaroo Resources Pty Ltd.
553. Kansai Electric Power Co Inc
554. Kansas City Power & Light Co.
555. Karakan Invest
556. Karnataka Power Corp Ltd
557. Katanga Mining Ltd.
558. KCP Ltd.
559. Kentucky Utilities Co.
560. Kerman Coal Mines Co
561. KGHM Polska Miedz SA
562. Khounmixay Bridge and Road Construction and Repair Co
563. Kibo Energy plc
564. Kinetic Mines & Energy Ltd.
565. King Power Capital Ltd.
566. Kobe Steel Ltd
567. KOKS Finance DAC
568. Korea East-West Power Co., Ltd.
569. Korea Electric Power Corporation
570. Korea Midland Power Co., Ltd.
571. Korea Resources Corp. (South Korea)
572. Korea South-East Power Co., Ltd.
573. Korea Southern Power Co., Ltd.
574. Korea Western Power Co., Ltd.
575. KORES Australia Pty Ltd
576. KSK Energy Ventures Ltd.
577. Kumho Petrochemical Co., Ltd.
578. Kuzbasskaya Toplivnaya Kompaniya PJSC
579. Kyushu Electric Power Co., Inc.

580.	Lager Doo	650.	Municipal Electric Authority of Georgia (Georgia)	724.	PGE Górnictwo i Energetyka Konwencjonalna SA
581.	Lanna Resources Public Co Ltd	651.	MVV Energie AG	725.	PGE Polska Grupa Energetyczna SA
582.	Lao Holding State Enterprise	652.	NACCO Industries Inc	726.	PGE Sweden AB
583.	Larsen & Toubro Ltd	653.	Namane Resources Pty Ltd	727.	Pha Lai Thermal Power JSC
584.	Legend Holdings Corp.	654.	Nan Nan Resources Enterprise Ltd.	728.	Phembani Group Pty Ltd
585.	Lemur Holdings Ltd	655.	Nanshan Group	729.	Philadelphia Energy Solutions Refining & Marketing LLC
586.	LG International Corp	656.	National Aluminium Co Ltd	730.	Philadelphia Energy Solutions, Inc.
587.	LG&E & KU Energy LLC	657.	National Development Corp	731.	Pingdingshan Tianan Coal Mining Co., Ltd.
588.	Liberty Utilities (Canada) LP	658.	Natural Resource Partners LP	732.	Pinnacle West Capital Corp.
589.	Liberty Utilities Finance GP1	659.	Naturgy Capital Markets SA	733.	PJSC Inter RAO
590.	Listrindo Capital B.V.	660.	Naturgy Energy Group SA	734.	PJSC Kuzbasskaya Toplivnaya Kompaniya
591.	Liuzhi Industrial and Mining (Group) Co Ltd	661.	Naturgy Finance BV	735.	PJSC RusHydro
592.	LLC VostokUgol-Dixon	662.	Nava Bharat Ventures Ltd	736.	PNM Resources, Inc.
593.	LLPL Capital Pte Ltd.	663.	Navaguya Power Corp Ltd	737.	PNOC Exploration Corp
594.	Los Angeles Department of Water & Power (California)	664.	Navajo Transitional Energy Co. LLC	738.	Pohjolan Voima Oy
595.	Louisville Gas & Electric Co.	665.	Ncondezi Energy Ltd	739.	Polat Madencilik San ve Tic Ltd Sti
596.	Lubel Coal Co Ltd	666.	New Atlantic International Trading JSC	740.	Polenergia SA
597.	Lubelski Wegiel Bogdanka SA	667.	New Hope Corp. Ltd.	741.	Polska Grupa Gornicza
598.	Lucky Cement Ltd	668.	New World China Land Ltd.	742.	Polski Koncern Naftowy ORLEN SA
599.	Luenmei Quantum Co., Ltd.	669.	New World Development Co Ltd	743.	Polskie Gornictwo Naftowe i Gazownictwo SA
600.	LX International Corp.	670.	Newfoundland Light & Power Ltd.	744.	Portland General Electric Co.
601.	Maatla Energy Ltd	671.	NextEra Energy Capital Holdings, Inc.	745.	POSCO
602.	Macmines Austasia Pty Ltd	672.	NextEra Energy Inc	746.	POSCO INTERNATIONAL Corp.
603.	Madhya Pradesh Power Generating Co Ltd	673.	Nickel Mines Ltd	747.	Power Assets Holdings Ltd.
604.	Magna Resources Corp Pte Ltd	674.	NIE Finance Plc	748.	Power Construction Corporation of China Ltd
605.	Magnitogorsk Iron & Steel Works PJSC	675.	Ningxia Tianyuan Manganese Co	749.	Power Finance Corp Ltd
606.	Maharashtra Seamless Ltd	676.	Nippon Steel Corp.	750.	PPF Group NV
607.	Maharashtra State Power Generation Co Ltd	677.	Nippon Steel Nisshin Co., Ltd.	751.	PPL Capital Funding, Inc.
608.	Mainova AG	678.	Nishat Mills Ltd.	752.	PPL Corp
609.	Malabar Resources Ltd	679.	NiSource Finance Corp.	753.	PPL WEM Ltd.
610.	Malakoff Corp Bhd	680.	NiSource Inc.	754.	Prakash Industries Ltd.
611.	Manila Electric Co.	681.	NLC India Ltd.	755.	Press Metal Aluminium Holdings Bhd
612.	Marubeni Corp.	682.	NMDC Ltd.	756.	PSEG Power LLC
613.	Maxim Power Corp	683.	Noble Group Ltd	757.	PSI Energy, Inc.
614.	Mayur Resources Ltd	684.	Noranda, Inc.	758.	PT ABM Investama Tbk
615.	MC Mining Ltd.	685.	Northern States Power Co.	759.	PT Adaro Energy Tbk
616.	Mchenga Coal Mines Ltd	686.	NorthWestern Corp	760.	PT Adaro Indonesia
617.	MDU Resources Group Inc	687.	Nova Scotia Power, Inc.	761.	PT Alfa Energi Investama Tbk
618.	Mechel PAO	688.	NRG Energy, Inc.	762.	PT Amman Mineral Internasional
619.	Mecwel Constructions Pvt Ltd	689.	NTPC Limited	763.	PT Aneka Tambang Tbk
620.	Megha Engineering & Infrastructures Ltd	690.	NuCoal Resources Ltd	764.	PT Astra International Tbk
621.	MelTek LLC	691.	NWD Finance BVI Ltd.	765.	PT Atlas Resources Tbk
622.	Menar Holding	692.	NWD MTN Ltd.	766.	PT Bakrie & Brothers Tbk
623.	Metal and Engineering Corp	693.	NWS Holdings Ltd.	767.	PT Bara Indah Sinergi
624.	Metro Mining Ltd	694.	OCI Co., Ltd.	768.	PT Baramulti Suksesarana Tbk
625.	Metro Pacific Investments Corp.	695.	Odisha Hydro Power Corp Ltd	769.	PT Bayan Resources Tbk
626.	Metsä Board Oyj	696.	Odisha Power Generation Corp Ltd	770.	PT Bhakti Energi Persada
627.	Mexico Generadora de Energia S de RI	697.	OGÉ Energy Corp.	771.	PT Bika Global
628.	MGE Energy Inc	698.	Oglethorpe Power Corp.	772.	PT Borneo Olah Sarana Sukses Tbk
629.	MidAmerican Energy Co.	699.	Ogodzhinskaya Coal Co LLC	773.	PT Bukit Asam Tbk
630.	MidAmerican Energy Holdings Co.	700.	OJSCHC Barki Tojik	774.	PT Bumi Resources Tbk
631.	Midwest Connector Capital Co. LLC	701.	Oklahoma Gas & Electric Co.	775.	PT Central Borneo Energi
632.	Minas de Revuboe Ltda	702.	OMERS Administration Corp.	776.	PT Cikarang Listrindo Tbk
633.	Minejesa Capital BV	703.	OMERS Finance Trust	777.	PT Dana Brata Luhur Tbk
634.	Minera México SA de CV	704.	OPG Power Ventures PLC	778.	PT Dian Swastatika Sentosa Tbk
635.	Mineralogy Pty Ltd	705.	Oracle Power PLC	779.	PT Exploitasi Energi Indonesia Tbk
636.	Mississippi Power Co.	706.	Origin Energy Finance Ltd.	780.	PT Golden Eagle Energy Tbk
637.	Mitsubishi Corp	707.	Origin Energy Ltd.	781.	PT Harum Energy Tbk
638.	Mitsubishi Materials Corporation	708.	ORIX Corp.	782.	PT Imeco Inter Sarana
639.	Mitsui & Co., Ltd.	709.	ORLEN Capital AB	783.	PT Indexim Coalindo
640.	Mitsui Matsushima Holdings Co Ltd	710.	Ørsted A/S	784.	PT Indika Energy Tbk
641.	MMC Corp Bhd	711.	Osaka Gas Co., Ltd.	785.	PT Indo Tambangraya Megah Tbk
642.	MMK International Capital DAC	712.	Otter Tail Corp.	786.	PT Indonesia Asahan Aluminium (Persero)
643.	Mong Duong Finance Holdings BV	713.	Ouro Negro Energia	787.	PT Karbindo Abesya Pradhi
644.	Mongolian Mining Corp	714.	PacifiCorp	788.	PT Mitrabara Adiperdana Tbk
645.	Monnet Ispat & Energy Ltd	715.	Palm Concepcion Power Corp	789.	PT MNC Investama Tbk
646.	Monongahela Power Co.	716.	PAO Koks	790.	PT Paiton Energy
647.	Morupule Coal Mine Ltd	717.	PAO Severstal	791.	PT Pembangkitan Perkasa Daya
648.	Mosenergo OAO	718.	Pardee Resources Co.	792.	PT Perusahaan Listrik Negara (Persero)
649.	Mudanjiang Thermal Power Co Ltd	719.	Park Joung In		
		720.	Peabody Energy Corp.		
		721.	PER Group Ventures (Pvt) Ltd		
		722.	Perennial Energy Holdings Ltd.		
		723.	Petmin Ltd		

793. PT Pesona Khatulistiwa Nusantara	862. Sasol Financing International Ltd.	923. Southern Coal Co LLC
794. PT PLN (Persero)(Perusahaan Listrik Negara)	863. Sasol Financing USA LLC	924. Southern Company Gas Capital Corp.
795. PT PP (Persero) Tbk	864. Sasol Ltd.	925. SouthGobi Resources Ltd.
796. PT Resource Alam Indonesia Tbk	865. SCANA Corp	926. Southstone Minerals Ltd.
797. PT Risjadson Development	866. Scinta South Africa Pty Ltd	927. Southwest Guizhou Yuanhao Investment Co Ltd
798. PT Sinar Mas Group	867. SDIC Power Holdings CO., LTD.	928. Southwestern Electric Power Co.
799. PT Sulawesi Mining Investment	868. Sembcorp Industries Ltd.	929. Southwestern Public Service Co.
800. PT Sumbagselenergi Sakti Pewali	869. SemGroup LLC	930. SPIC 2016 US Dollar Bond Co. Ltd.
801. PT TBS Energi Utama Tbk	870. Semirara Mining & Power Corp.	931. SPIC 2018 USD Senior Perpetual Bond Co. Ltd.
802. PT Timah Tbk	871. Serbian Oil Co	932. SPIC Dongfang New Energy Corp.
803. PT Titan Infra Energy	872. Seriti Resources Holdings Pty Ltd	933. SSE PLC
804. PT Toba Bara Sejahtera Tbk	873. Severstal PAO	934. ST International Co Ltd
805. PT Trada Alam Minera Tbk	874. Shaanxi Coal & Chemical Industry Group Co., Ltd.	935. Stanmore Coal Ltd
806. PT United Tractors Tbk	875. Shaanxi Coal Industry Co., Ltd.	936. Stanmore Resources Ltd.
807. PTT Public Co., Ltd.	876. Shaanxi Investment Group Co Ltd	937. State Development & Investment Corp., Ltd.
808. PTT Treasury Center Co. Ltd.	877. Shaanxi Yanchang Petroleum (Group) Co Ltd	938. State Power Investment Corp., Ltd.
809. Public Power Corp. SA	878. Shaanxi Yulin Energy Group Co Ltd	939. Steel Capital S.A.
810. Public Service Company of Colorado	879. Shan Xi Hua Yang Group New Energy Co. Ltd.	940. STG Development Group
811. Public Service Company of New Mexico	880. Shandong Chenming Paper Holdings Shandong.	941. Sumitomo Chemical Co., Ltd.
812. Public Service Company of Oklahoma	881. Shandong Energy Group Co., Ltd.	942. Sumitomo Corp
813. Public Service Enterprise Group, Inc.	882. Shandong Xuguo Energy Co Ltd	943. Sundiro Holding Co Ltd
814. Puckree Group Pty Ltd	883. Shanghai Datun Energy Resources Co., Ltd.	944. Sunoco Logistics Partners Operations LP
815. Puget Energy Inc.	884. Shanghai Electric Group Corp	945. Sunpower Group Ltd.
816. Puget Sound Energy, Inc.	885. Shanghai Electric Power Co., Ltd.	946. Sunset Power International Pty Ltd (Delta Electricity)
817. QCoal Pty Ltd	886. Shanghai Electric Power Finance Ltd.	947. Sunvim Group Co., Ltd.
818. Qinghai Provincial Investment Group Co Ltd	887. Shanxi Coal Import & Export Group Co Ltd	948. Tabas Parvadeh Coal Co
819. Qingyang Energy and Chemical Group Co Ltd	888. Shanxi Coal International Energy Group Co Ltd	949. Taekwang Power Holdings Co Ltd
820. Rajasthan Rajya Vidyut Utpadan Nigam Ltd	889. Shanxi Coking Co.,Ltd.	950. Taiwan Cement Corp.
821. Ramaco Carbon LLC	890. Shanxi Coking Coal Energy Group Co., Ltd.	951. Taiwan Cogeneration Corp.
822. Ratch Group Public Co. Ltd.	891. Shanxi Coking Coal Group Co. Ltd.	952. Taiyuan Heating Power Co
823. RattanIndia Enterprises Ltd.	892. Shanxi International Energy Group	953. Talcher Fertilizers Ltd
824. Razrez Arshanovsky LLC	893. Shanxi Jincheng Anthracite Mining Group Co Ltd	954. Talen Energy Corp.
825. Refrigeration Electrical Engineering Corporation	894. Shanxi Lanhua Sci-Tech Venture Co Ltd	955. Talen Energy Supply LLC
826. Regency Energy Finance Corp.	895. Shanxi Lu'an Environmental Energy Development Co Ltd	956. TALTEK Group of Companies
827. Regency Energy Partners LP	896. Shanxi Lu'an Mining Industry Group Co., Ltd.	957. Tamil Nadu Generation and Distribution Corp Ltd
828. Reliance Power Ltd.	897. Shanxi Xinzhou Shenda Energy Group Co Ltd	958. Tampa Electric Co.
829. Resource Generation Ltd (Resgen)	898. Shenergy (Group) Co., Ltd.	959. Tata Power Co Ltd
830. Resurs LLC	899. Shenergy Co., Ltd.	960. Tata Steel Long Products Ltd.
831. Rey Resources Ltd	900. Shenyang Jinshan Energy Co Ltd	961. Tata Steel Ltd.
832. RGS (AEGCO) Funding Corp.	901. Shenzhen Energy Group Co., Ltd.	962. TAURON Polska Energia S.A.
833. RGS I&M Funding Corp.	902. Shikoku Electric Power Co., Inc.	963. TBEA (Tebian Electric Apparatus) Co Ltd
834. RH International (Singapore) Corp. Pte Ltd.	903. Shree Cement Ltd	964. TCC International Holdings Ltd.
835. Rhino Resource Partners LP	904. Shumba Energy Ltd	965. Teck Resources Ltd
836. Rio Tinto Finance (USA) Ltd.	905. Sibanthracite Group	966. TECO Energy, Inc.
837. Rio Tinto Finance (USA) Plc	906. Sibuglemt Group LLC	967. Telangana State Power Generation Corp
838. Rio Tinto Finance Plc	907. Sichuan Chuantou Energy Co Ltd	968. Tenaga Nasional Bhd
839. Rio Tinto Ltd.	908. Sichuan Provincial Investment Group Co., Ltd.	969. Tennessee Valley Authority
840. Rio Tinto PLC	909. Siddiqsons Ltd (Siddiqsons Group)	970. Teollisuuden Voima Oyj
841. RioZim Ltd	910. Sierra Pacific Power Co.	971. Terasan Gas, Inc.
842. RMU Kamengrad d.d. Sanski Most	911. Silver Elephant Mining Corp	972. TERRA MAURICIA Ltd
843. Rohit Ferro-Tech Ltd	912. Sino Sindh Resources (Pvt) Ltd (SSRL)	973. TerraCom Ltd
844. Rongshi International Finance Ltd.	913. SJVN Ltd	974. Territorial Generating Co No 1 PJSC
845. Rosan Resources Holdings Ltd.	914. SK Networks Co Ltd	975. Texas Competitive Electric Holdings Co. LLC
846. Royal Group of Companies Ltd	915. Sloane Energy Group Ltd	976. Texhong Textile Group Ltd
847. Rudnici Ugija Banovici (RMUB)	916. SMC Global Power Holdings Corp.	977. The AES Corp.
848. Rural Power Co Ltd	917. SNEDAI Group	978. The Andhra Pradesh Mineral Development Corp Ltd
849. Russian Coal JSC	918. Sojitz Corp.	979. The Chugoku Electric Power Co., Inc.
850. RWE AG	919. Somagec Mozambique	980. The Hongkong Electric Co., Ltd.
851. S Alam Group	920. Source California Energy Services	981. The Hub Power Co. Ltd.
852. Sabine Oil & Gas Corp.	921. South Carolina Public Service Authority	982. The Israel Electric Corp. Ltd.
853. Sagar Cements Ltd.	922. South32 Ltd	983. The Kansai Electric Power Co., Inc.
854. Sahakol Equipment Co Ltd		984. The Lanna Resources Public Co., Ltd.
855. Sakthi Sugars Ltd		985. The Okinawa Electric Power Co., Inc.
856. Salt River Project Agricultural Imp & Pwr Dist (Arizona)		986. The Second Generation Co of the Wholesale Power Market PJSC
857. Samcheok Blue Power Co Ltd		987. The Singareni Collieries Co Ltd
858. Samruk Energy JSC		988. The Southern Co.
859. San Miguel Corp.		
860. Sarawak Energy Bhd		
861. Sarda Energy & Minerals Ltd		

989. The Tata Power Company Limited
990. Thungela Resources Ltd.
991. TNB Global Ventures Capital Bhd.
992. Tohoku Electric Power Co., Inc.
993. Tokyo Century Corp
994. Tokyo Electric Power Company Holdings, Incorporated
995. Top Energy Co. Ltd. Shanxi
996. Top Frontier Investment Holdings, Inc.
997. Torrent Power Ltd
998. Towngas Finance Ltd.
999. Toyo Ventures Holdings Bhd
1000. TPI Polene Power Public Co., Ltd.
1001. TPI Polene Public Co. Ltd.
1002. Trafigura Group Pte. Ltd.
1003. Transalloys Pty Ltd
1004. TransAlta Corp.
1005. Trillium Wind Power Corp.
1006. Tri-State Generation & Transmission Association, Inc.
1007. TSBP Sekong Power and Mineral Co Ltd
1008. Tucson Electric Power Co., Inc.
1009. Turkish Coal Enterprises
1010. Ube Industries, Ltd.
1011. UGI Corp
1012. UGI Energy Services LLC
1013. Ugleprominvest Group
1014. Unicorn Capital Partners Ltd.
1015. Union Electric Co.
1016. Union Electric Co. (Old)
1017. Uniper SE
1018. Unipro PJSC
1019. United Co. RUSAL Plc
1020. Universal Coal PLC
1021. Usibelli Coal Mine Inc
1022. Uttar Pradesh Rajya Vidyut Utpadan Nigam Ltd
1023. Vale Overseas Ltd.
1024. Vale S.A.
1025. Vattenfall AB
1026. Vattenfall Treasury AB
1027. Vectren Corp.
1028. Vedanta Limited
1029. Vedanta Resources Finance II Plc
1030. Vedanta Resources Ltd.
1031. Veolia Environnement S.A.
1032. Verbund AG
1033. Vibrant Group Ltd.
1034. Viesgo Infraestructuras Energéticas SL
1035. Vietnam Electricity Corp (EVN)
1036. Vietnam National Coal Mineral Industries Holding Corp Ltd (Vinacomin)
1037. Vietnam Oil and Gas Group (PetroVietnam)
1038. Vinacomin - Mong Duong Coal JSC
1039. Vinacomin - Vang Danh Coal JSC
1040. Vinacomin Cao Son Coal JSC
1041. Vinacomin Coc Sau Coal JSC
1042. Vinacomin Deo Nai Coal JSC
1043. Vinacomin Nui Beo Coal JSC
1044. Vinacomin-Ha Tu Coal JSC
1045. Vinh Tan 3 Energy JSC
1046. Virginia Electric & Power Co.
1047. Vistra Corp.
1048. Vistra Operations Co. LLC
1049. Viterra, Inc.
1050. Vivant Corp
1051. Wanji Holding Group Co Ltd
1052. Wantong Haixin Holding Group Co Ltd
1053. Warrior Met Coal, Inc.
1054. Washington H. Soul Pattinson & Co. Ltd.
1055. WEC Energy Group, Inc.
1056. Wescoal Holdings Ltd
1057. Wessex Water Services Finance Plc
1058. West Bengal Power Development Corp Ltd
1059. Western Coal and Energy Co
1060. Westmoreland Coal Co.
1061. WHA Corp. Public Co. Ltd.
1062. WHA Utilities & Power Public Co. Ltd.
1063. White Energy Co Ltd
1064. Whitehaven Coal Ltd
1065. Wintime Energy Co.,Ltd.
1066. Wintime Holding Group Ltd
1067. Wisconsin Electric Power Co.
1068. Wisconsin Energy Corp.
1069. Wisconsin Power & Light Co.
1070. Wisconsin Public Service Corp.
1071. Xcel Energy Inc.
1072. Xekong Thermal Power Plant Co Ltd
1073. Xinfa Group Co Ltd
1074. Xingyi Yangguang Assets Mgmt
1075. Xinjiang Energy (Group) Co Ltd
1076. Xinjiang Jinlong Power Group Co Ltd
1077. Xinjiang Production and Construction Corps Investment Co Ltd
1078. Xinjiang Tianye Group Co Ltd
1079. Xinjiang Zhongtai Chemical Co Ltd
1080. Xstrata Plc
1081. Xuzhou Mining Group Co Ltd
1082. Yancoal Australia Ltd
1083. Yancoal International Resources Development Co., Ltd.
1084. Yankuang Group Co., Ltd.
1085. Yanzhou Coal Mining Co Ltd
1086. Yazdani International Pvt Ltd
1087. YCRT (Yacimientos Carbon Rio Turbio)
1088. Yenidere Termik Enerji Elektrik Uretim ve Maden Sanayi AS
1089. Yildirim Holding AS
1090. Yorkshire Electricity Group Plc
1091. YTL Power International Bhd
1092. Zambezi Gas Zimbabwe (Pvt) Ltd
1093. ZAO Stroyservis
1094. ZE PAK SA
1095. Zesa Holdings Pvt Ltd
1096. Zhejiang Energy Group Co., Ltd.
1097. Zhejiang Hangmin Co., Ltd.
1098. Zhejiang Provincial Energy Group Co Ltd
1099. Zhejiang Southeast Electric Power Co., Ltd.
1100. Zhejiang Zheneng Electric Power Co Ltd
1101. Zhengzhou Coal Industry & Electric Power Co., Ltd.
1102. Zhongxing Power Co Ltd
1103. Zhongyu Guoxin Investment Co Ltd
1104. Zhongzheng International Co Ltd
1105. Zimbabwe ZhongXin Electric Energy
10. Aker BP ASA
11. Alberta Energy Co. Ltd.
12. Alexandria Mineral Oils Co.
13. Alliance Oil Co. Ltd.
14. Alliance Pipeline LP
15. Alta Mesa Holdings, LP
16. Alta Mesa Resources, Inc.
17. AltaGas Ltd.
18. Altera Infrastructure LP
19. Altera Shuttle Tankers LLC
20. Altus Midstream Co.
21. Alvo Petro Energy Ltd
22. Ameredeve II LLC
23. American Shipping Co ASA
24. American Tanker, Inc.
25. Amplify Energy Corp.
26. Ampol Ltd.
27. Anadarko Petroleum Corp
28. Andeavor LLC
29. Andeavor Logistics LP
30. Antero Midstream Corp.
31. Antero Midstream Partners LP
32. Antero Resources Corp.
33. APA Corp.
34. APA Group
35. Apache Corp
36. Apetra SA
37. APT Pipelines Ltd.
38. ARC Resources Ltd.
39. Ardmore Shipping Corp
40. Ascent Resources LLC
41. Ascent Resources Utica Holdings LLC
42. Athabasca Oil Corp.
43. Australis Oil & Gas Ltd.
44. Avance Gas Holding Ltd
45. Bangchak Corp. Public Co. Ltd.
46. Bashneft PJSC
47. Battalion Oil Corp.
48. Baytex Energy (LP) Ltd.
49. Baytex Energy Corp.
50. Beach Energy Ltd.
51. Berry Corp.
52. Berry Petroleum Co. LLC
53. BG Energy Capital Plc
54. Bharat Petroleum Corp. Ltd.
55. Birchcliff Energy Ltd
56. Black Stone Minerals, L.P.
57. BlackPearl Resources Inc.
58. Blue Racer Finance Corp.
59. Blue Racer Midstream LLC
60. Boardwalk Pipelines LP
61. Bonanza Creek Energy Inc
62. Bonavista Energy Corp.
63. Bonterra Energy Corp
64. BP Capital Markets BV
65. BP Capital Markets Plc
66. BP p.l.c.
67. BPRL International Singapore Pte Ltd.
68. Brigham Minerals, Inc.
69. Bruin E&P Partners LLC
70. Buckeye Partners LP
71. Burlington Resources Finance Co.
72. Buru Energy Ltd.
73. BW Energy Ltd.
74. BW Group Ltd.
75. BW LPG Ltd
76. Cairn Energy PLC
77. California Resources Corp
78. Callon Petroleum Co.
79. Calumet Specialty Products Partners LP
80. Cameron LNG LLC
81. Canacol Energy Ltd
82. Canadian Natural Resources Ltd.
83. Canadian Oil Sands Ltd.
84. Capex SA

Oil and Gas (climate)

1. 3R Petroleum Óleo e Gás SA
2. Abraxas Petroleum Corp.
3. Abu Dhabi Crude Oil Pipeline LLC
4. Abu Dhabi National Oil Co.
5. Adams Resources & Energy Inc
6. ADS Maritime Holding Plc
7. Advantage Energy Ltd.
8. Aegis Logistics Ltd.
9. Al Candelaria (Spain) SLU

85.	Cardinal Energy Ltd	156.	D'Amico International Shipping S.A.	230.	Esso
86.	Carrizo Oil & Gas, Inc.	157.	Dana Gas PJSC	231.	Esso Thailand Public Co. Ltd.
87.	Cenovus Energy Inc.	158.	DCP Midstream LLC	232.	Etablissements Maurel & Prom S.A.
88.	Centennial Resource Development, Inc.	159.	DCP Midstream LP	233.	ETC Sunoco Holdings LLC
89.	Centennial Resource Production LLC	160.	DCP Midstream Operating LP	234.	ETP Legacy LP
90.	Central Petroleum Ltd	161.	DEA Finance SA	235.	Euronav NV
91.	CEPSA Finance SAU	162.	Delek & Avner-Yam Thetis Ltd.	236.	eustream as
92.	Cequence Energy Ltd	163.	Delek Drilling LP	237.	Evolution Petroleum Corp.
93.	Chaparral Energy Inc.	164.	Delek Group Ltd.	238.	EXCO Resources, Inc.
94.	Cheniere Corpus Christi Holdings LLC	165.	Delek US Holdings Inc	239.	Extraction Oil & Gas Holdings LLC
95.	Cheniere Energy Partners LP.	166.	Denbury Inc.	240.	Extraction Oil & Gas Inc
96.	Cheniere Energy, Inc.	167.	Deutsche Rohstoff AG	241.	Exxon Mobil Corp.
97.	Chennai Petroleum Corp. Ltd.	168.	Devon Energy Corp	242.	Falcon Minerals Corp.
98.	Chesapeake Energy Corp.	169.	Devon Financing Corp. ULC	243.	FAR Ltd.
99.	Chesapeake Granite Wash Trust	170.	DHT Holdings Inc	244.	Fermaca Enterprises S de RL de CV
100.	Chevron Corporation	171.	Diamond S Shipping, Inc.	245.	Flex LNG Ltd
101.	Chevron U.S.A., Inc.	172.	Diamondback Energy Inc	246.	Florida Gas Transmission Co. LLC
102.	China Merchants Energy Shipping Co., Ltd.	173.	Distinction Energy Corp.	247.	Fluxys Belgium SA
103.	China National Offshore Oil Corp.	174.	Diversified Energy Co. Plc	248.	Formosa Petrochemical Corp.
104.	China National Petroleum Corp.	175.	DNO ASA	249.	Freedom Oil & Gas Ltd.
105.	China Petroleum & Chemical Corp.	176.	DNO North Sea Plc	250.	Freehold Royalties Ltd.
106.	China Suntien Green Energy Corp.	177.	Dolphin Energy Ltd.	251.	Frontera Energy Corp.
107.	Chinook Energy Inc	178.	Dommo Energia SA	252.	Frontline 2012 Ltd.
108.	Cimarex Energy Co	179.	Dorchester Minerals LP	253.	Frontline Ltd
109.	Cimarex Resolute LLC	180.	Dorian LPG Ltd	254.	Fuji Oil Co., Ltd.
110.	CITGO Holding, Inc.	181.	DT Midstream, Inc.	255.	Galp Energia, SGPS, S.A.
111.	CITGO Petroleum Corporation	182.	Duke Energy Field Services LLC	256.	Gas Networks Ireland
112.	Citrus Corp.	183.	E1 Corp	257.	GasLog Ltd
113.	CNOOC Finance (2011) Ltd.	184.	Earthstone Energy Inc	258.	Gaz Capital SA
114.	CNOOC Finance (2012) Ltd.	185.	Eastern Energy Gas Holdings LLC	259.	Gaz Finance Plc
115.	Cnooc Finance (2015) Australia Pty Ltd.	186.	EBN B.V.	260.	Gazprom Neft PJSC
116.	CNOOC Finance 2003 Ltd.	187.	Ecopetrol S.A.	261.	Gazprom PJSC
117.	CNOOC Finance 2013 Ltd.	188.	El Paso Energy Corp.	262.	GC Treasury Center Co. Ltd.
118.	Cnooc Finance USA LLC	189.	El Paso Pipeline Partners Operating Co. LLC	263.	Gear Energy Ltd
119.	CNOOC Ltd	190.	Eland Oil & Gas PLC	264.	Genel Energy Finance 4 Plc
120.	CNOOC Nexen Finance (2014) ULC	191.	Empresa Nacional del Petróleo SA	265.	Genel Energy Finance Ltd.
121.	CNOOC Petroleum North America ULC	192.	Empresa Pública de Hidrocarburos del Ecuador	266.	Genel Energy plc
122.	CNPC (HK) Overseas Capital Ltd.	193.	Enable Midstream Partners LP	267.	Genesis Energy, L.P.
123.	CNPC Capital Co., Ltd.	194.	Enagas Financiaciones SAU	268.	GeoPark Ltd
124.	CNPC General Capital Ltd.	195.	Enagás, S.A.	269.	Gibson Energy Inc.
125.	CNX Midstream Partners LP	196.	Enauta Participações SA	270.	Global Partners LP
126.	CNX Resources Corp.	197.	Enbridge Southern Lights LP	271.	GNL Quintero S.A.
127.	Colgate Energy Partners III LLC	198.	Encino Acquisition Partners Holdings LLC	272.	Golar LNG Ltd
128.	Colonial Pipeline Co.	199.	Endeavor Energy Resources, LP	273.	Golar LNG Partners LP
129.	Colorado Interstate Gas Co. LLC	200.	ENEOS Holdings, Inc.	274.	Goodrich Petroleum Corp.
130.	Columbia Pipeline Group, Inc.	201.	Energiean Israel Finance SARL	275.	GPN Capital SA
131.	Compania General de Combustibles SA	202.	Energiean Plc	276.	Gran Tierra Energy Inc
132.	Compañía Española de Petróleos SA	203.	Energen Corp	277.	Gran Tierra Energy International Holdings Ltd.
133.	Comstock Escrow Corp.	204.	Energy Transfer LP	278.	Granite Oil Corp.
134.	Comstock Resources Inc	205.	Energy Transfer Operating LP	279.	Great Eastern Shipping Co. Ltd.
135.	Concho Resources Inc	206.	Energy Ventures GOM LLC	280.	Great Western Petroleum LLC
136.	Concordia Maritime AB	207.	Enerplus Corp.	281.	Grupa LOTOS SA
137.	Connacher Oil & Gas Ltd.	208.	Eni Finance International SA	282.	GS Caltex Corp.
138.	Conoco Funding Co.	209.	Eni SpA	283.	Gulf Keystone Petroleum Ltd
139.	Conoco, Inc.	210.	Eni USA, Inc.	284.	Gulfport Energy Corp.
140.	ConocoPhillips	211.	EnLink Midstream Partners LP	285.	Gulfstream Natural Gas System LLC
141.	ConocoPhillips Canada Funding Co. II	212.	EnLink Midstream, LLC	286.	Hafnia Ltd.
142.	Conpet SA	213.	EnQuest PLC	287.	Harbour Energy Plc
143.	Contango Oil & Gas Co.	214.	Enterprise Products Operating LLC	288.	Harvest Midstream I LP
144.	Continental Resources Inc	215.	Enterprise Products Operating LP	289.	Harvest Operations Corp.
145.	Cooper Energy Ltd.	216.	Enterprise Products Partners L.P.	290.	Hellenic Petroleum SA
146.	Corral Petroleum Holdings AB	217.	Enven Energy Corp.	291.	Hengyuan Refining Co. Bhd.
147.	COSCO SHIPPING Energy Transportation Co., Ltd.	218.	EOG Resources Inc	292.	Hess Corp
148.	Cosmo Energy Holdings Co., Ltd.	219.	EP Energy Corp	293.	Hess Infrastructure Partners LP
149.	Cosmo Oil Co., Ltd.	220.	EP Energy LLC	294.	Hess Midstream LP
150.	Coterra Energy, Inc.	221.	Epsilon Energy Ltd.	295.	Hess Midstream Partners LP
151.	Covey Park Energy LLC	222.	EQM Midstream Partners LP	296.	Hibiscus Petroleum Bhd
152.	Crescent Point Energy Corp.	223.	EQT Corp	297.	HighPeak Energy, Inc.
153.	Crew Energy Inc.	224.	Equinor ASA	298.	HighPoint Resources Corp.
154.	CrownRock, L.P.	225.	Equital Ltd	299.	Hilcorp Energy Co.
155.	CVR Energy, Inc.	226.	Equitrans Midstream Corp.	300.	Hilcorp Energy I LP
		227.	Erdöl-Lagergesellschaft mbH	301.	Hindustan Oil Exploration Co., Ltd.
		228.	ERM Power Ltd.	302.	Hindustan Petroleum Corp. Ltd.
		229.	Ervia	303.	HitecVision AS
				304.	Holly Energy Partners, L.P.
				305.	HollyFrontier Corp

306. Horizon Oil Ltd.
307. HPCL-Mittal Energy Ltd.
308. Hunt Oil Company of Peru LLC
309. Hunter Group ASA
310. Hurricane Energy PLC
311. Husky Energy Inc.
312. Hyundai Heavy Industries Holdings Co., Ltd.
313. Höegh LNG Holdings Ltd.
314. Höegh LNG Partners LP
315. Idemitsu Kosan Co., Ltd.
316. IGas Energy plc
317. Iino Kaiun Kaisha Ltd.
318. Imperial Oil Ltd
319. Indian Oil Corp. Ltd.
320. Indigo Natural Resources LLC
321. INPEX Corp.
322. InPlay Oil Corp.
323. Inter Pipeline Ltd.
324. International Coal Holdings Ltd.
325. International Petroleum Corp. (British Columbia)
326. International Seaways Inc
327. InterOil Exploration & Production ASA
328. Ipek Dogal Enerji Kaynaklari Arastirma ve Üretim AS
329. IRPC Public Co., Ltd.
330. Ithaca Energy (North Sea) Plc
331. J.O.E.L. Jerusalem Oil Exploration Ltd
332. Jagged Peak Energy Inc
333. Jagged Peak Energy LLC
334. Japan Oil Transportation Co.Ltd.
335. Japan Petroleum Exploration Co., Ltd.
336. JX Oil & Gas plc
337. Jonah Energy LLC
338. Jones Energy Inc
339. KazMunaiGas Exploration Production JSC
340. KazMunayGas NC JSC
341. KazTransGas JSC
342. Kelt Exploration Ltd
343. Kimbell Royalty Partners LP
344. Kinder Morgan Energy Partners, L.P.
345. Kinder Morgan Kansas, Inc.
346. Kinder Morgan, Inc.
347. KNOT Offshore Partners LP
348. Kolibri Global Energy, Inc.
349. Korea Gas Corp
350. Korea National Oil Corp.
351. Kosmos Energy Ltd.
352. KrisEnergy Ltd.
353. Laredo Petroleum Inc
354. Laredo Petroleum, Inc. /Old/
355. LBC Tank Terminals Holding Netherlands BV
356. Legacy Reserves LP
357. Leucrotta Exploration Inc
358. Leviathan Bond Ltd.
359. Linn Energy LLC
360. Linn Energy, Inc.
361. Lonestar Resources America, Inc.
362. Lonestar Resources US Inc
363. LUKOIL International Finance B.V.
364. LUKOIL Securities BV
365. Lundin Energy AB
366. Lundin Energy Finance BV
367. Magellan Midstream Partners, L.P.
368. Magnolia Oil & Gas Corp.
369. Magnolia Oil & Gas Operating LLC
370. Magnora ASA
371. Maha Energy AB
372. Mangalore Refinery & Petrochemicals Ltd.
373. Marathon Oil Corp.
374. Marathon Petroleum Corp
375. Mari Petroleum Co Ltd
376. Martin Midstream Partners LP
377. Matador Resources Co
378. Maverick Natural Resources LLC
379. Medco Oak Tree Pte Ltd.
380. Medco Platinum Road Pte Ltd.
381. MEG Energy Corp.
382. Mesquite Energy, Inc.
383. Midwest Connector Capital Co. LLC
384. MIE Holdings Corp
385. MISC Bhd
386. MOL Hungarian Oil & Gas Plc
387. Montage Resources Corp.
388. Moss Creek Resources Holdings, Inc.
389. Motiva Enterprises LLC
390. Motor Oil (Hellas) Corinth Refineries SA
391. MPLX LP
392. Murphy Oil Corp
393. Naftogaz of Ukraine NJSC
394. Nakilat, Inc.
395. Naphtha Israel Petroleum Corp.
396. National Fuel Gas Co
397. National Grid Gas Plc
398. National Refinery Ltd.
399. Navios Maritime Acquisition Corp.
400. Nayara Energy Ltd.
401. Nederlandse Gasunie NV
402. Neptune Energy Bondco Plc
403. Neptune Energy Group Ltd.
404. Neste Corp
405. NET4GAS, s.r.o.
406. NGL Energy Partners LP
407. NGPL PipeCo LLC (New)
408. Noble Energy, Inc.
409. Nordic American Tankers Ltd.
410. Nordic Shipholding A/S
411. North West Redwater Partnership, Inc.
412. Northern Border Pipeline Company
413. Northern Courier Pipeline Ltd.
414. Northern Natural Gas Co.
415. Northern Oil & Gas, Inc.
416. Northwest Pipeline LLC
417. Norwegian Energy Co ASA
418. Nostrum Oil & Gas Finance BV
419. Nostrum Oil & Gas LP
420. Nostrum Oil & Gas Plc
421. NOVA Gas Transmission Ltd.
422. Novatek Finance DAC
423. NOVATEK JSC
424. NuStar Energy L.P.
425. NuStar Logistics LP
426. NuVista Energy Ltd.
427. Oasis Midstream Partners LP
428. Oasis Petroleum Inc.
429. Obsidian Energy Ltd.
430. Occidental Petroleum Corp.
431. Oil & Gas Development Co. Ltd.
432. Oil and Natural Gas Corporation Limited
433. Oil Co. LUKOIL PJSC
434. Oil India International Pte. Ltd.
435. Oil India Ltd
436. Oil Refineries Ltd
437. Oil Search Ltd.
438. OKEA ASA
439. Okeanis Eco Tankers Corp.
440. Oleo e Gas Participacoes SA
441. Oleoducto Central SA
442. OMV AG
443. OMV Petrom SA
444. ONEOK Partners, L.P.
445. ONEOK, Inc.
446. ONGC Videsh Ltd.
447. ONGC Videsh Vankorneft Pte Ltd.
448. ORLEN Capital AB
449. Overseas Shipholding Group, Inc.
450. Ovintiv Canada ULC
451. Ovintiv Exploration, Inc.
452. Ovintiv, Inc.
453. Painted Pony Energy Ltd.
454. Pakistan Oilfields Ltd.
455. Pakistan Petroleum Ltd.
456. Pakistan State Oil Co. Ltd.
457. Pan American Energy Group
458. Pan American Energy SL
459. Pan Orient Energy Corp
460. PanCanadian Petroleum Ltd.
461. Panoro Energy ASA
462. Pantheon Resources PLC
463. Par Pacific Holdings, Inc.
464. Paramount Resources Ltd.
465. Parex Resources Inc.
466. Parsley Energy Inc
467. Parsley Energy LLC
468. Paz Oil Co Ltd
469. PBF Energy Inc
470. PBF Holding Co. LLC
471. PBF Logistics LP
472. PDC Energy, Inc.
473. Pembina Pipeline Corp.
474. PEMEX Project Funding Master Trust
475. Pengrowth Energy Corp.
476. Permian Resources Holdings LLC
477. Permianville Royalty Trust
478. Perpetual Energy Inc.
479. Perú LNG SRL
480. Petro Rio SA
481. Petro-Canada
482. Petrobras Global Finance BV
483. Petrobras International Finance Co.
484. PetroChina Co Ltd
485. Petroleos Del Peru - Petroperu SA
486. Petroleos Mexicanos S.A. de C.V.
487. Petroliam Nasional Berhad
488. Petron Corp.
489. Petron Malaysia Refining & Marketing Bhd.
490. Petronas Capital Ltd.
491. PETRONAS Energy Canada Ltd.
492. Petronas Gas Bhd
493. Petronet LNG Ltd.
494. Petronor E&P Ltd.
495. Petrório Luxembourg SARL
496. Petróleo Brasileiro SA
497. Petróleos de Venezuela S.A.
498. Peyto Exploration & Development Corp
499. Pharos Energy Plc
500. Philadelphia Energy Solutions Refining & Marketing LLC
501. Philadelphia Energy Solutions, Inc.
502. Phillips 66
503. Phillips 66 Partners LP
504. PHX Minerals, Inc.
505. Pilipinas Shell Petroleum Corp.
506. Pioneer Natural Resources Co.
507. Plains GP Holdings LP
508. Polski Koncern Naftowy ORLEN SA
509. PrairieSky Royalty Ltd
510. Prima Marine Public Co. Ltd.
511. PrimeEnergy Resources Corp.
512. PT Buana Lintas Lautan Tbk
513. PT Medco Energi Internasional Tbk.
514. PT Pertamina (Persero)
515. PT Saka Energi Indonesia
516. PTT Exploration & Production Plc
517. PTT Global Chemical Plc
518. PTT Public Co., Ltd.
519. PTT Treasury Center Co. Ltd.
520. PTTEP Canada International Finance Ltd.
521. PTTEP Treasury Center Co., Ltd.

522. Qatar Gas Transport Co.
523. QatarEnergy Corp.
524. Qatargas Operating Co. Ltd.
525. QEP Resources Inc
526. Questerre Energy Corp.
527. Rabigh Refining & Petrochemical Co
528. Raffinerie Heide GmbH
529. RAK Petroleum PLC
530. Range Resources Corp.
531. Range Resources-Louisiana, Inc.
532. Ranger Oil Corp.
533. Ras Laffan Liquefied Natural Gas Co. Ltd.
534. Regency Energy Finance Corp.
535. Regency Energy Partners LP
536. Reliance Holding USA, Inc.
537. Repsol Europe Finance SARL
538. Repsol International Finance B.V.
539. Repsol, S.A.
540. Riley Exploration Permian, Inc.
541. Ring Energy, Inc.
542. Rio Oil Finance Trust - (Series 2014-1)
543. Roan Resources, Inc.
544. Rockcliff Energy II LLC
545. Rockies Express Holdings LLC
546. Rockies Express Pipeline LLC
547. Rompetrol Rafinare SA
548. Rosehill Resources Inc.
549. Rosneft International Finance Ltd.
550. Rosneft Oil Co.
551. Rosneftegaz JSC
552. Royal Dutch Shell PLC
553. Royal Vopak NV
554. RSP Permian Inc
555. Rubis Terminal
556. Ruby Pipeline LLC
557. RussNeft PJSC
558. S-Oil Corp.
559. S.N.T.G.N. Transgaz SA
560. SA Global Sukuk Ltd.
561. Sabal Trail Transmission LLC
562. Sabine Pass Liquefaction LLC
563. Sable Permian Resources LLC
564. San Leon Energy Plc
565. San-Ai Oil Co., Ltd.
566. Sand Hill Petroleum BV
567. SandRidge Energy, Inc.
568. Santos Finance Ltd.
569. Santos Ltd.
570. Saras SpA
571. Saudi Arabian Oil Co.
572. SCF Capital Ltd.
573. Schahin II Finance Co. (SPV) Ltd.
574. Scorpio Tankers Inc.
575. SemGroup LLC
576. Senex Energy Ltd.
577. Seplat Energy Plc
578. Serica Energy PLC
579. Seven Generations Energy Ltd.
580. Shandong Xinchao Energy Corp. Ltd.
581. Shanxi Blue Flame Holding Co Ltd
582. Shanxi Guoxin Energy Corp. Ltd.
583. Shell International Finance BV
584. Shell Midstream Partners LP
585. Shenergy (Group) Co., Ltd.
586. Shenergy Co., Ltd.
587. Siccar Point Energy Bonds Plc
588. Siccar Point Energy Ltd.
589. SierraCol Energy Ltd.
590. Silver Run Acquisition Corp.
591. SilverBow Resources, Inc.
592. Sincere Navigation Corp.
593. Sinopec Capital (2013) Ltd.
594. Sinopec Capital Ltd.
595. Sinopec Group Overseas Development (2012) Ltd.
596. Sinopec Group Overseas Development (2013) Ltd.
597. Sinopec Group Overseas Development (2014) Ltd.
598. Sinopec Group Overseas Development (2015) Ltd.
599. Sinopec Group Overseas Development (2016) Ltd.
600. Sinopec Group Overseas Development (2017) Ltd.
601. Sinopec Group Overseas Development (2018) Ltd.
602. Sinopec Group Overseas Development Ltd.
603. Sinopec Kantons Holdings Ltd
604. Sinopec Shanghai Petrochemical Co. Ltd.
605. SK Innovation Co., Ltd.
606. SM Energy Co.
607. Snam S.p.A.
608. SNGN Romgaz SA
609. Southern California Gas Co.
610. Southern Natural Gas Co. LLC
611. Southwestern Energy Co.
612. Sovcomflot OJSC
613. Spartan Delta Corp.
614. SPP Infrastructure Financing BV
615. SPR Finance Corp.
616. SRC Energy Inc.
617. Star Energy Holdings Pte Ltd.
618. Star Petroleum Refining Public Co. Ltd.
619. State Oil Company of Azerbaijan Republic
620. StealthGas Inc
621. Storm Resources Ltd
622. Summit Midstream Partners, LP
623. Suncor Energy Inc.
624. Sundance Energy, Inc.
625. Sunoco Logistics Partners Operations LP
626. Sunshine Oilsands Ltd.
627. Surge Energy Inc.
628. Surgutneftegas PJSC
629. Tallgrass Energy LP
630. Tallgrass Energy Partners LP
631. Talos Energy, Inc.
632. Talos Production, Inc.
633. Tamarack Valley Energy Ltd
634. Targa Resources Corp.
635. Targa Resources Partners LP
636. Tatneft PJSC
637. TC Energy Corp.
638. TC PipeLines, LP
639. Team Tankers International Ltd
640. Team Tankers Management Holding AS
641. Tecpetrol SA
642. Teekay Corp.
643. Teekay LNG Partners LP
644. Teekay Tankers Ltd.
645. Teine Energy Ltd.
646. Tellurian Inc.
647. Tengizchevroil Finance Co. International Ltd.
648. Tennessee Gas Pipeline Co. LLC
649. Teréga SAS
650. Tethys Oil AB
651. Texas Eastern Transmission, LP
652. Texas Gas Transmission LLC
653. Texas Pacific Land Corp.
654. Texas Pacific Land Trust
655. Thai Oil Public Co. Ltd.
656. Thailoil Treasury Center Co. Ltd.
657. The New Zealand Refining Co. Ltd.
658. The Shipping Corp. of India Ltd.
659. The Southeast Supply Header LLC
660. The Williams Cos., Inc.
661. Third Coast Midstream LLC
662. Tidewater Midstream & Infrastructure Ltd.
663. Titan Energy LLC
664. Toa Oil Co., Ltd.
665. TORC Oil & Gas Ltd
666. TORM PLC
667. Tosco Corp.
668. Total Capital Canada Ltd.
669. Total Capital International SA
670. Total Capital SA
671. Total Infrastructures Gaz France SA /Private Group/
672. TotalEnergies SE
673. Tourmaline Oil Corp.
674. TransCanada PipeLines Ltd.
675. TransCanada Trust
676. Transcontinental Gas Pipe Line Co. LLC
677. TransGlobe Energy Corp
678. TransMontaigne Partners LLC
679. Transneft PJSC
680. Transportadora de Gas del Perú SA
681. Transportadora de Gas del Sur SA
682. Transportadora de Gas Internacional SA ESP
683. Traverse Midstream Partners LLC
684. Trinidad Petroleum Holdings Ltd.
685. Trinity Exploration & Production Plc
686. Tsakos Energy Navigation Ltd
687. Tulip Oil Holding BV
688. Tulip Oil Netherlands Offshore BV
689. Tullow Oil PLC
690. Turkiye Petrol Rafinerileri AS
691. UBAG - Unterflurbetankungsanlage Flughafen Zürich AG
692. Unit Corp
693. United Energy Group Ltd.
694. Valero Energy Corp.
695. Valero Energy Partners LP
696. Veresen Inc.
697. Vermilion Energy Inc.
698. Videocon Industries Ltd
699. Vier Gas Services GmbH & Co. KG
700. Vier Gas Transport GmbH
701. Vine Energy, Inc.
702. Vine Oil & Gas LP
703. Viper Energy Partners LP
704. Viva Energy Group Ltd.
705. W&T Offshore, Inc.
706. Wentworth Resources Plc
707. Westcoast Energy, Inc.
708. Western Midstream Operating LP
709. Western Midstream Partners LP
710. White Star Petroleum LLC
711. Whitecap Resources Inc.
712. Whiting Petroleum Corp.
713. WildHorse Resource Development Corp
714. Williams Partners LP
715. Williams Partners LP /Old/
716. Wintershall Dea Finance 2 BV
717. Wintershall Dea Finance BV
718. Wintershall Dea GmbH
719. Woodside Finance Ltd.
720. Woodside Petroleum Ltd
721. WPX Energy Inc
722. Xinjiang Xintai Natural Gas Co., Ltd.
723. XTO Energy, Inc.
724. Yacimientos Petroliferos Fiscales SA
725. Yanchang Petroleum International Ltd.
726. Yinson Holdings Bhd
727. YPF SA
728. Zhongxing Tianheng Energy Technology Beijing Co., Ltd.

Financing Overlay (ethics)

1. Aselsan Elektronik Sanayi ve Ticaret AS
2. BlackRock European CLO VIII DAC
3. BlackRock Smaller Cos. Trust Plc
4. BlackRock, Inc.
5. China Construction Bank
6. China Merchants Group
7. CSC Financial
8. Dassault Aviation S.A.
9. EVE Energy Co., Ltd.
10. K Laser Technology Inc.
11. National Pension Service, South Korea
12. NongHyup Financial
13. Poongsan Holdings Corporation
14. Schroders PLC
15. SNT Holdings Co., Ltd.
16. T. Rowe Price Group Inc

Financing Overlay (climate)

1. A Brown Co Inc
2. Agricultural Bank of China
3. Bank of China
4. BlackRock
5. Brickworks Ltd.
6. Capital Group
7. Cassa Depositi e Prestiti SpA
8. China Cinda (2020) I Management Ltd.
9. China Cinda Asset Management Co Ltd
10. China Cinda Finance (2014) Ltd.
11. China Cinda Finance (2015) I Ltd.
12. China Cinda Finance Ltd.
13. China CITIC Bank
14. China Construction Bank
15. China Yangtze Power Co. Ltd.
16. CK Hutchison Capital Securities (17) Ltd.
17. CK Hutchison Europe Finance (18) Ltd.
18. CK Hutchison Finance (16) Ltd.
19. CK Hutchison Group Telecom Finance SA
20. CK Hutchison Holdings Ltd.
21. CK Hutchison International (16) Ltd.
22. CK Hutchison International (17) II Ltd.
23. CK Hutchison International (17) Ltd.
24. CK Hutchison International (19) (II) Ltd.
25. CK Hutchison International (19) Ltd.
26. CK Hutchison International (20) Ltd.
27. Coca-Cola Enterprises, Inc. /Old/
28. CONSOL Coal Resources LP
29. Criteria Caixa SA
30. First Pacific Company Limited
31. FPC Treasury Ltd.
32. Fundación Bancaria Caixa d'Estalvis i Pensions de Barcelona
33. GC Treasury Center Co. Ltd.
34. Government Pension Investment Fund (GPIF)
35. Grupo de Inversiones Suramericana S.A.
36. Grupo Nutresa S. A.
37. Gruposura Finance
38. GT Capital Holdings Inc

39. Hopewell Holdings Ltd.
40. Hutchison Ports (UK) Finance Plc
41. Hutchison Whampoa Europe Finance (12) Ltd.
42. Hutchison Whampoa Finance (14) Ltd.
43. Hutchison Whampoa Finance (CI) Ltd.
44. Hutchison Whampoa Finance UK Plc
45. Hutchison Whampoa International (03/33) Ltd.
46. Hutchison Whampoa International (11) Ltd.
47. Hutchison Whampoa International (14) Ltd.
48. Hutchison Whampoa International 12 II Ltd.
49. Hutchison Whampoa International Ltd.
50. Hutchison Whampoa Ltd.
51. ICBC
52. Industrial Bank
53. International Coal Holdings Ltd.
54. LG Corp.
55. Mitsui Matsushima Holdings Co., Ltd.
56. Northumbrian Water Finance Plc
57. Northumbrian Water Group Ltd.
58. PT Saratoga Investama Sedaya Tbk
59. PTT Global Chemical Plc
60. PTT Public Co., Ltd.
61. PTT Treasury Center Co. Ltd.
62. Qatar Electricity & Water Co.
63. Reliance Infrastructure Ltd.
64. Shanghai Pudong Development Bank
65. Siam City Cement Public Co., Ltd.
66. SK E&S Co., Ltd.
67. SK Holdings Co. Ltd., prior to merger with SK C&C Co. Ltd.
68. SK Inc.
69. State Street
70. Stora Enso Oyj
71. Suam Finance BV
72. SURA Asset Management SA
73. Thai Oil Public Co. Ltd.
74. Thaioil Treasury Center Co. Ltd.
75. The Coca-Cola Co.
76. UPM-Kymmene Oyj
77. Vanguard
78. YTL Corp Bhd