

# ESG Exclusion List

## Article 9 Strategies

2023/05

### UNGC (norms)

1. Barrick Gold Corp
2. BHP Group Ltd
3. China National Petroleum Corp
4. CoreCivic Inc
5. GCL Technology Holdings Ltd
6. GEO Group Inc/The
7. Glencore PLC
8. Hon Hai Precision Industry Co
9. Hoshine Silicon Industry Co Lt
10. Jinko Solar Co Ltd
11. JinkoSolar Holding Co Ltd
12. Lens Technology Co Ltd
13. Luxshare Precision Industry Co
14. MMC Norilsk Nickel PJSC
15. OCP SA
16. OFILM Group Co Ltd
17. PetroChina Co Ltd
18. Petroleos del Peru SA
19. Petroleos Mexicanos
20. Porsche Automobil Holding SE
21. SAIC Motor Corp Ltd
22. TBEA Co Ltd
23. Tokyo Electric Power Co Holdin
24. Trina Solar Co Ltd
25. Vale SA
26. Volkswagen AG
27. Xinjiang Zhongtai Chemical Co
28. Youngor Group Co Ltd
29. Zijin Mining Group Co Ltd

### Controversial Weapons (ethics)

1. Aerojet Rocketdyne Holdings In
2. Aerospace Long-March Internati
3. Airbus SE
4. Anhui Great Wall Military Indu
5. Arcon Partners OOD
6. Armaco JSC
7. Aryt Industries Ltd
8. Aselsan Elektronik Sanayi Ve T
9. Babcock International Group PL
10. BAE Systems Finance Ltd
11. BAE Systems Holdings Inc
12. BAE Systems PLC
13. Bharat Dynamics Ltd
14. Blackrock European CLO VIII DA
15. BlackRock Inc
16. BlackRock Smaller Cos Trust PL
17. Boeing Co/The
18. Brookfield Business Partners L
19. Brookfield Corp

20. Brookfield Finance I UK Plc
21. Brookfield Finance Inc
22. Brookfield Finance LLC
23. Brookfield WEC Holdings Inc
24. BWX Technologies Inc
25. CACI International Inc
26. China Construction Bank Corp
27. China Merchants Group Ltd
28. China National Nuclear Corp
29. China North Industries Corp Lt
30. China Shipbuilding Industry Co
31. CIA Nationala Romarm SA
32. CNIM Groupe SA
33. Cobham Ltd
34. CSC Financial Co Ltd
35. CSRA Inc
36. Dassault Aviation SA
37. Day & Zimmermann Group Inc/The
38. Defence Research & Development
39. Ducommun Inc
40. Finmeccanica Finance SA
41. Fluor Corp
42. Force Protection Inc
43. Forest City Realty Trust Inc
44. General Dynamics Corp
45. General Dynamics Ordnance and
46. Geofoto doo
47. Global Industrial & Defence So
48. Hanwha Corp
49. Harris Corp
50. Holding Korporacija Krusik AD
51. Honeywell International Inc
52. Huntington Ingalls Industries
53. ICL Group Ltd
54. Israel Corp Ltd
55. Jacobs Engineering Group Inc
56. KLX Inc
57. L3 Technologies Inc
58. L3Harris Technologies Inc
59. Larsen & Toubro Ltd
60. Leidos Holdings Inc
61. Leidos Inc
62. Leonardo SpA
63. Leonardo US Holding Inc
64. LIG Nex1 Co Ltd
65. Litton Industries Inc
66. Lockheed Martin Corp
67. Makina Ve Kimya Endustrisi Kur
68. ManTech International Corp/VA
69. MaxamCorp Holding SL
70. Mississagi Power Trust
71. Moog Inc
72. National Pension Service KBIC
73. Nityanand Udyog Pvt Ltd
74. Northrop Grumman Corp
75. Northrop Grumman Innovation Sy
76. Northrop Grumman Systems Corp
77. Oceaneering International Inc
78. Poongsan Corp
79. Poongsan Holdings Corp
80. Raytheon Co
81. Raytheon Technologies Corp
82. Rockwell Collins Inc
83. Rolls-Royce Holdings PLC
84. Rolls-Royce PLC
85. Rostec State Corp
86. Safran SA
87. SNT Dynamics Co Ltd
88. SNT Holdings Co Ltd
89. T Rowe Price Group Inc
90. Tennessee Valley Authority

91. Textron Inc
92. Thales SA
93. Turk Silahlı Kuvvetlerini Gucl
94. Ultra Electronics Holdings PLC
95. United Aircraft Corp PAO
96. Walchandnagar Industries Ltd
97. Yugoimport-SDPR JP
98. Zodiac Aerospace

### Predatory Lending (ethics)

1. Aspial Lifestyle Ltd
2. Blackrock European CLO VIII DA
3. BlackRock Inc
4. BlackRock Smaller Cos Trust PL
5. Cash Converters International
6. Curo Financial Technologies Co
7. Curo Group Holdings Corp
8. Elevate Credit Inc
9. Enova International Inc
10. EZCORP Inc
11. Ferratum Capital Germany GmbH
12. FirstCash Inc
13. Grupo Elektra SAB DE CV
14. International Personal Finance
15. Jiangnan Group Ltd
16. KRUK SA
17. Multitude SE
18. Provident Financial PLC
19. QC Holdings Inc
20. Regional Management Corp
21. Schroders PLC
22. Valuemax Group Ltd
23. World Acceptance Corp
24. Xiamen ITG Group Corp Ltd

### Tobacco (ethics)

1. 22nd Century Group Inc
2. Al-Eqbal Investment Co PLC
3. Altria Group Inc
4. AMVIG Holdings Ltd
5. Anhui Genuine New Materials Co
6. AR Packaging Holding AB
7. Argha Karya Prima Industry Tbk
8. Badeco Adria JSC Sarajevo
9. BAT Capital Corp
10. BAT International Finance PLC
11. Bentoel Internasional Investam
12. Bright Packaging Industry Bhd
13. British American Tobacco Bangl
14. British American Tobacco Holdi
15. British American Tobacco Kenya
16. British American Tobacco Malay
17. British American Tobacco PLC
18. British American Tobacco Uganda
19. British American Tobacco Zambi
20. British American Tobacco Zimba
21. Bulgartabac Holding AD
22. Cat Loi JSC
23. Celanese Corp
24. Celanese US Holdings LLC
25. Ceylon Tobacco Co PLC
26. Champion Alliance Internationa

27. China Boton Group Co Ltd
28. China National Tobacco Corp
29. Coka Duvanska Industrija AD Co
30. CTO PCL
31. Duvanska Industrija AD Bujanov
32. Eastern Co SAE
33. Eastman Chemical Co
34. Elentec Co Ltd
35. EM-Tech Co Ltd
36. Essentra PLC
37. Eve Energy Co Ltd
38. Foshan Huaxin Packaging Co Ltd
39. G Shank Enterprise Co Ltd
40. Godfrey Phillips India Ltd
41. Golden Tobacco Ltd
42. Gotse Delchev Tabac AD-Gotse D
43. Guangdong New Grand Long Packi
44. Gudang Garam Tbk PT
45. Haci Omer Sabanci Holding AS
46. Hanjaya Mandala Sampoerna Tbk
47. Hoang Long Group
48. Huabao Flavours & Fragrances C
49. Huabao International Holdings
50. Huaxi Holdings Co Ltd
51. IMA Industria Macchine Automat
52. Imperial Brands Finance Nether
53. Imperial Brands Finance PLC
54. Imperial Brands PLC
55. Indonesian Tobacco Tbk PT
56. Indopoly Swakarsa Industry Tbk
57. ITC Ltd
58. Japan Tobacco Inc
59. Jerusalem Cigarette Co Ltd
60. Jia Yao Holdings Ltd
61. JT International Financial Ser
62. K Laser Technology Inc
63. Karelia Tobacco Co Inc SA
64. Khyber Tobacco Co Ltd
65. KT&G Corp
66. Kuk-il Paper Manufacturing Co
67. Litu Holdings Ltd
68. Lorillard LLC
69. LT Group Inc
70. Mativ Holdings Inc
71. Mayr Melnhof Karton AG
72. Metsa Board Oyj
73. Miquel y Costas & Miquel SA
74. Mudanjiang Hengfeng Paper Co L
75. New Toyo International Holding
76. Ngan Son JSC
77. Nicotiana-BT Holding PLC
78. NTC Industries Ltd
79. Old Holdco Inc
80. Pakistan Tobacco Co Ltd
81. Pazardzhik BTM AD Pazardzhik
82. Philip Morris CR AS
83. Philip Morris International In
84. Philip Morris Operations AD Ni
85. Philip Morris Pakistan Ltd
86. Pyxus International Inc
87. Rayonier Advanced Materials In
88. Reinet Investments SCA
89. Renheng Enterprise Holdings Lt
90. Reynolds American Inc
91. RLX Technology Inc
92. Scandinavian Tobacco Group A/S
93. Shaanxi Jinye Science Technolo
94. Shanghai Industrial Holdings L
95. Sheen Tai Holdings Grp Co Ltd
96. Shenzhen Colibri Technologies
97. Shenzhen Jinjia Group Co Ltd
98. Shiner International Inc
99. Sila Holding AD
100. Sinnar Bidi Udyog Ltd
101. Sluntse Stara Zagora-Tabak AD
102. Smoore International Holdings
103. Societe Ivoirienne des Tabacs
104. Sofima Holding SPA
105. Standard Diversified Inc
106. STG Global Finance BV
107. Sunwoda Electronic Co Ltd
108. Swedish Match AB
109. Tanzania Cigarette Co Ltd
110. Tian Chang Group Holdings Ltd
111. Tien Wah Press Holdings Bhd
112. Tri-Pack Films Ltd
113. Turning Point Brands Inc
114. Tutunski Kombinat AD
115. TYM Corp
116. Union Investment Corp PLC
117. Union Tobacco & Cigarette Indu
118. Universal Corp/VA
119. Vapor Group Inc
120. Vector Group Ltd
121. VPR Brands LP
122. VST Industries Ltd
123. West Indian Tobacco Co Ltd/The
124. Whole Earth Brands Inc
125. Wismilak Inti Makmur Tbk PT
126. Xianhe Co Ltd
127. Yunnan Energy New Material Co
128. Yuri Gagarin PLC
35. BBI Buergerliches Brauhaus Imm
36. Beclé SAB de CV
37. Beijing Enterprises Holdings L
38. Beijing Gas Singapore Capital
39. Beijing Shunxin Agriculture Co
40. Beijing Yanjing Brewery Co Ltd
41. Belmond Ltd
42. Beluga Group PJSC
43. Berentzen-Gruppe AG
44. Bermas SA
45. BHB Brauholding Bayern-Mitte A
46. Big Rock Brewery Inc
47. Bodegas Esmeralda SA
48. Bodegas Riojanas SA
49. Bohae Brewery Co Ltd
50. Boston Beer Co Inc/The
51. Boutaris J & Sons Holdings
52. Broo Ltd
53. Browar Czarnkow SA
54. Brown-Forman Corp
55. Budweiser Brewing Co APAC Ltd
56. Bukit Darah PLC/The
57. C&C Group PLC
58. CA Ron Santa Teresa SACA
59. Carlsberg AS
60. Carlsberg Breweries AS
61. Carlsberg Brewery Malaysia Bhd
62. Carson Cumberbatch PLC
63. Ceylon Beverage Holdings PLC
64. Champion Breweries PLC
65. Chapel Down Group PLC
66. China New Borun Corp
67. China Ouhua Winery Holdings Lt
68. China Resources Beer Holdings
69. China Shenshan Orchard Holding
70. China Tontine Wines Group Ltd
71. Chongqing Brewery Co Ltd
72. Christian Dior SE
73. Cia Cervecerias Unidas SA
74. Cia Electro Metalurgica SA
75. Cia Immobiliare Azionaria
76. Cia Vinicola del Norte de Espa
77. Cie SAB De CV
78. CITIC Guoan Wine Co Ltd
79. CK Asset Holdings Ltd
80. CK Property Finance MTN Ltd
81. Co.Br.Ha Societe Commerciale d
82. Constellation Brands Inc
83. Corby Spirit and Wine Ltd
84. Corticeira Amorim SGPS SA
85. Craft Brew Alliance Inc
86. Crimson Wine Group Ltd
87. Cristalerias de Chile SA
88. Dalmia Bharat Ltd
89. Dalmia Bharat Sugar & Industri
90. Daniel Thwaites PLC
91. Davide Campari-Milano NV
92. Delegat Group Ltd
93. Delta Corp Ltd/Zimbabwe
94. Delta Djakarta Tbk PT
95. Diageo Capital BV
96. Diageo Capital PLC
97. Diageo Finance PLC
98. Diageo Investment Corp
99. Diageo PLC
100. Diamond Estates Wines & Spirit
101. Distell Group Holdings Ltd
102. Distil PLC
103. Distilleries Co of Sri Lanka P
104. DTXS Silk Road Investment Hold
105. Duckhorn Portfolio Inc/The

### Alcohol (ethics)

1. Abrau-Durso PJSC
2. Adnams PLC
3. Advini
4. African Distillers Ltd
5. AG Anadolu Grubu Holding AS
6. Allgaeuer Brauhaus AG
7. Alliance Global Group Inc
8. Ambev SA
9. Ambra SA
10. Anadolu Efes Biracilik Ve Malt
11. Andrew Peller Ltd
12. Angel Yeast Co Ltd
13. Angostura Holdings Ltd
14. Anheuser-Busch Cos LLC
15. Anheuser-Busch InBev Finance I
16. Anheuser-Busch InBev SA/NV
17. Anheuser-Busch InBev Worldwide
18. Anheuser-Busch North American
19. Anhui Golden Seed Winery Co Lt
20. Anhui Gujing Distillery Co Ltd
21. Anhui Kouzi Distillery Co Ltd
22. Anhui Yingjia Distillery Co Lt
23. Anora Group Oyj
24. Aphria Inc
25. Arcus ASA
26. Aristocrat Group Corp
27. Asahi Group Holdings Ltd
28. Aseed Holdings Co Ltd
29. Associated Alcohols & Brewerie
30. Australian Vintage Ltd
31. AWG Ltd
32. Bacardi Ltd
33. Badel 1862 dd
34. Baron de Ley SA

106.	Dynasty Fine Wines Group Ltd	177.	Lanzhou Huanghe Enterprise Co	248.	Schlumberger Finance Canada Lt
107.	East African Breweries PLC	178.	Laurent-Perrier	249.	Schlumberger GmbH/AT
108.	Eastside Distilling Inc	179.	Life Intelligent Enterprise Ho	250.	Sektkellerei J. Oppmann AG/New
109.	Einbecker Brauhaus AG	180.	Lion Brewery Ceylon PLC	251.	Shanghai Bairun Investment Hol
110.	Emppee Distilleries Ltd	181.	Lombard et Metod	252.	Shanxi Xinghuaucun Fen Wine Fac
111.	Emperador Inc	182.	Lomsko Pivo AD	253.	Shede Spirits Co Ltd
112.	FBG Finance Pty Ltd	183.	Lotte Chilsung Beverage Co Ltd	254.	Shepherd Neame Ltd
113.	Florida Ice & Farm Co SA	184.	LT Group Inc	255.	Sichuan Swellfun Co Ltd
114.	Foley Wines Ltd	185.	Lucas Bols NV	256.	Silver Oak India Ltd
115.	Franklin Resources Inc	186.	Luzhou Laojiao Co Ltd	257.	Simbhaoli Sugars Ltd
116.	Fujian Yanjing Huiquan Brewery	187.	LVMH Moet Hennessy Louis Vuitt	258.	Simonds Farsons Cisk
117.	Gansu Mogao Industrial Develop	188.	Mackmyra Svensk Whisky AB	259.	Sociedad Agricola La Rosa Sofr
118.	Georgia Capital JSC	189.	Malteries Franco Belges	260.	Societe de Fabrication des Boi
119.	Georgia Capital PLC	190.	Marie Brizard Wine & Spirits S	261.	Societe de Limonaderies et Bra
120.	Ginebra San Miguel Inc	191.	Masi Agricola SpA	262.	Societe Des Boissons du Maroc
121.	Globus Spirits Ltd	192.	Mega Advance Investments Ltd	263.	Societe Des Brasseries & Glaci
122.	GM Breweries Ltd	193.	Melstacorp PLC	264.	SOM Distilleries And Breweries
123.	Goldin Financial Holdings Ltd	194.	Mendocino Brewing Co Inc	265.	Stock Spirits Group PLC
124.	Good Drinks Australia Ltd	195.	MGP Ingredients Inc	266.	Suntory Holdings Ltd
125.	Grace Wine Holdings Ltd	196.	Mhethanol Co Ltd	267.	Taisho Pharmaceutical Holdings
126.	Greene King Finance PLC	197.	Mineralbrunnen Ueberkingen-Tei	268.	Takara Holdings Inc
127.	Greene King Ltd	198.	Molson Coors Beverage Co	269.	Talent Yield Euro Ltd
128.	Greene King Retailing Ltd	199.	Molson Coors Canada Inc	270.	Talent Yield Investments Ltd
129.	Grupa Zywiec SA	200.	Molson Coors International LP	271.	Tanzania Breweries Ltd
130.	Grupo Modelo SAB de CV	201.	Muhak Co Ltd	272.	Tenwow International Holdings
131.	Guala Closures SpA	202.	Multi Bintang Indonesia Tbk PT	273.	Tereos Finance Groupe I SA
132.	Guangzhou Zhujiang Brewery Co	203.	Murree Brewery Co Ltd	274.	Tereos SCA
133.	Gubernija	204.	MV GROUP Distribution LT UAB	275.	Terra Mauricia Ltd
134.	Guinness Ghana Breweries Ltd	205.	Namibia Breweries Ltd	276.	TFF Group
135.	Guinness Nigeria PLC	206.	National Breweries PLC	277.	Thai Beverage PCL
136.	Gurktaler AG	207.	New Silkroad Culturaltainment	278.	Thang Long Wine JSC
137.	Gusbourne PLC	208.	Nigerian Breweries PLC	279.	Thanh Hoa Beer JSC
138.	Hainan Yedao Co Ltd	209.	Oeneo SA	280.	Thiru Arooran Sugars Ltd
139.	Hanoi-Hai Duong Beer JSC	210.	Oenon Holdings Inc	281.	Tibet Development Co Ltd
140.	Harboes Bryggeri A/S	211.	Olgerdin Egill Skallagrims HF	282.	Tibet Water Resources Ltd
141.	Hebei Hengshui Laobaigan Liquo	212.	Olvi Oyj	283.	Tilaknagar Industries Ltd
142.	Heineken Holding NV	213.	OptiCept Technologies AB	284.	Tilray Brands Inc
143.	Heineken Malaysia Bhd	214.	Orora Ltd	285.	Todoroff AD-Sofia
144.	Heineken NV	215.	Ottakringer Getraenke AG	286.	Tonghua Grape Wine Co Ltd
145.	Hexza Corp BHD	216.	Panache Beverage Inc	287.	Top Frontier Investment Holdin
146.	Hite Jinro Co Ltd	217.	Panther Ventures Ltd	288.	Treasury Wine Estates Ltd
147.	Hitejinro Holdings Co Ltd	218.	Park & Bellheimer AG	289.	Treatt PLC
148.	Honworld Group Ltd	219.	Pernod Ricard International Fi	290.	Truett-Hurst Inc
149.	IFB Agro Industries Ltd	220.	Pernod Ricard SA	291.	Tsingtao Brewery Co Ltd
150.	India Glycols Ltd	221.	Phoenix Beverages Ltd	292.	Turk Tuborg Bira ve Malt Sanay
151.	Ingredient Inc	222.	Piccadilly Agro Industries Ltd	293.	Ugar Sugar Works Ltd
152.	Inner Mongolia Yitai Coal Co L	223.	Piccadilly Sugar & Allied Indus	294.	Umida Group AB
153.	International Breweries PLC	224.	Pioneer Distilleries Ltd	295.	Union de Cervecerias Peruanas
154.	Italian Wine Brands SpA	225.	Praj Industries Ltd	296.	United Breweries Ltd
155.	Jagatjit Industries Ltd	226.	Prodvinalco	297.	United Malt Grp Ltd
156.	Jiangsu Hengshun Vinegar Indus	227.	Pungkuk Ethanol Co Ltd	298.	United Spirits Ltd
157.	Jiangsu King's Luck Brewery JS	228.	Purcari Wineries PLC	299.	V V Food & Beverage Co Ltd
158.	Jiangsu Yanghe Brewery Joint-S	229.	Qianhe Condiment and Food Co L	300.	VIB Vermoegen AG
159.	Jinhui Liquor Co Ltd	230.	Qinghai Huzhu TianYouDe Highla	301.	Victorias Milling Co Inc
160.	Jinro Distillers Co Ltd	231.	Radiant Access Ltd	302.	Vilniaus Degtine AB
161.	JiuGui Liquor Co Ltd	232.	Radico Khaitan Ltd	303.	Vina Concha y Toro SA
162.	Kaddy Ltd	233.	Rana Sugars Ltd	304.	Vina San Pedro Tarapaca SA
163.	KEO Plc	234.	Ravi Kumar Distilleries Ltd	305.	Vina Santa Rita SA
164.	Khoday India Ltd	235.	Remgro Ltd	306.	Vinedos Emiliana SA
165.	Kikkoman Corp	236.	Remy Cointreau SA	307.	Vino Zupa ad Aleksandrovac
166.	Kirin Holdings Co Ltd	237.	Royal Unibrew A/S	308.	Vintage Wine Estates Inc
167.	KM Sugar Mills Ltd	238.	S Science Co Ltd	309.	Vinzavod AD-Asenovgrad
168.	Kook Soon Dang Brewery Co Ltd	239.	Saigon Beer Alcohol Beverage C	310.	Vodka Brands Corp
169.	Kopparbergs Bryggeri AB	240.	Sakthi Sugars Ltd	311.	Vranken-Pommery Monopole SA
170.	Korea Alcohol Industrial Co Lt	241.	San Miguel Brewery Hong Kong L	312.	Waterloo Brewing Ltd
171.	Ktima Kostas Lazaridis SA	242.	San Miguel Corp	313.	Watt's Alimentos SA
172.	Kuaijishan Shaoxing Wine Co Lt	243.	San Miguel Food and Beverage I	314.	Willamette Valley Vineyards In
173.	Kulmbacher Brauerei AG	244.	Sapporo Holdings Ltd	315.	Winsome Breweries Ltd
174.	Kweichow Moutai Co Ltd	245.	Savor Ltd	316.	Wuliangye Yibin Co Ltd
175.	Landshuter Brauhaus AG Privatb	246.	Scheid Vineyards Inc	317.	Xinjiang Yilite Industry Co Lt
176.	Lanson-BCC	247.	Schloss Wachenheim AG	318.	Yamae Hisano Co Ltd

319. Yantai Changyu Pioneer Wine Co
320. Yomeishu Seizo Co Ltd
321. Zambian Breweries PLC
322. Zhejiang China Light & Textile
323. Zhejiang Guyulongshan Shaoxin
324. Zwack Unicum Rt

## Gambling (ethics)

1. 888 Holdings PLC
2. Accel Entertainment Inc
3. ACROUD AB
4. ADATA Technology Co Ltd
5. Affinity Interactive
6. AG&E Holdings Inc
7. Agilysys Inc
8. AGTech Holdings Ltd
9. Ainsworth Game Technology Ltd
10. Alliance Global Group Inc
11. Allwyn International AS
12. Angel Holdings Godo Kaisha
13. Angler Gaming PLC
14. Aquis Entertainment Ltd
15. Aristocrat Leisure Ltd
16. Aspire Global PLC
17. Astro Corp
18. Atari SA
19. Atlantis Gaming Corp
20. Automatic Systems Ltd
21. Axell Corp
22. B90 Holdings PLC
23. Bally's Corp
24. Belle Corp
25. Berjaya Assets BHD
26. Berjaya Corp Bhd
27. Berjaya Land Bhd
28. Best Of The Best PLC
29. bet-at-home.com AG
30. Betmakers Technology Group Ltd
31. Betsson AB
32. Better Collective A/S
33. Blick Global Group AB
34. Bloomberry Resorts Corp
35. Bmit Technologies PLC
36. Boldt SA
37. Boyd Gaming Corp
38. Buena Vista Gaming Authority
39. Butler National Corp
40. Caesars Entertainment Inc
41. Caesars Entertainment Operatin
42. Caesars Holdings Inc
43. Caesars Resort Collection LLC
44. Caesars Resort Collection LLC
45. Canterbury Park Holding Corp
46. Care.com Inc
47. Catena Media PLC
48. CCM Merger Inc
49. CDI Escrow Issuer Inc
50. Century Casinos Inc
51. Champion Path Holdings Ltd
52. Cherry AB
53. China Ecotourism Group Ltd
54. Churchill Downs Inc
55. Cirsa Finance International Sa
56. Cirsa Funding Luxembourg SA
57. CIRSA Gaming Corp SA
58. Club Hipico de Santiago SA
59. Codere Finance 2 Luxembourg SA
60. Codere SA/Spain
61. Colt Merger Sub Inc
62. Comet Bidco Ltd
63. Contagious Gaming Inc
64. Cowlitz Tribal Gaming Authorit
65. CRC Escrow Issuer LLC
66. Crown Resorts Ltd
67. Daikoku Denki Co Ltd
68. Dazn Group Financing Ltd
69. Delta Corp Ltd
70. Detroit Entertainment LLC
71. DFNN Inc
72. Donaco International Ltd
73. Downstream Development Authori
74. DraftKings Holdings Inc
75. Dynam Japan Holdings Co Ltd
76. EBET Inc
77. Eizo Corp
78. Eldorado Resorts LLC
79. ELECTRICITE ET EAUX DE MADAGAS
80. Elys Game Technology Corp
81. Emperor Entertainment Hotel Lt
82. Emperor International Holdings
83. Empire Resorts Inc
84. Enjoy SA
85. Enlabs AB
86. Entain PLC
87. Enterprise Development Authori
88. eQube Gaming Ltd
89. Esports Entertainment Group In
90. Estoril Sol SGPS SA
91. Eumundi Group Ltd
92. Evergreen Gaming Corp
93. Everi Holdings Inc
94. Evolution AB
95. Fertitta Entertainment LLC/NV
96. Flutter Entertainment PLC
97. Fortuna Entertainment Group NV
98. Fujishoji Co Ltd
99. Full House Resorts Inc
100. Future Gaming Group Inter AB
101. Galaxy Entertainment Group Ltd
102. Galaxy Gaming Inc
103. Gambling.com Group Ltd
104. GAMCO Investors Inc
105. Gamehost Inc
106. Gamenet SpA
107. Gamesys Group Ltd
108. Gaming and Leisure Properties
109. Gaming Innovation Group Inc
110. Gaming Innovation Group PLC
111. Gaming Realms PLC
112. Gamma Civic Ltd
113. GAN Ltd
114. Gateway Casinos & Entertainmen
115. Gendai Agency Inc
116. GENM Capital Labuan Ltd
117. Genting Bhd
118. Genting Malaysia Bhd
119. Genting New York LLC
120. Genting Singapore Ltd
121. Global Gaming 555 AB
122. Glory Ltd
123. GLP Capital LP
124. GLP Capital LP / GLP Financing
125. Gohi Capital Ltd
126. Golden Entertainment Inc
127. Golden Nugget Inc
128. Golden Nugget Online Gaming In
129. Grand Korea Leisure Co Ltd
130. Great Canadian Gaming Corp
131. Greektown Holdings LLC
132. Groupe Partouche SA
133. Guoco Group Ltd
134. Heiwa Corp
135. Holdings Acquisition Co LP
136. Hosken Consolidated Investment IAC Inc
137. Ibase Gaming Inc
138. Imperial Pacific International
139. Innodisk Corp
140. Inspired Entertainment Inc
141. International Game Technology
142. Intralot SA-Integrated Informa
143. Jackpot Digital Inc
144. Jacobs Entertainment Inc
145. Japan Cash Machine Co Ltd
146. Jumbo Interactive Ltd
147. Kai Chieh International Invest
148. Kambi Group PLC
149. Kangwon Land Inc
150. Keck Seng Investments Hong Kon
151. Keihanshin Building Co Ltd
152. Kinbasha Gaming International
153. Kindred Group PLC
154. Konami Group Corp
155. La Francaise des Jeux SAEM
156. Ladbrokes Coral Group Ltd
157. Lago Resort & Casino LLC
158. Las Vegas Sands Corp
159. Lasseters International Holdin
160. Leisure & Resorts World Corp
161. LeoVegas AB
162. LET Group Holdings Ltd
163. LHMC Finco 2 Sarl
164. Light & Wonder Inc
165. LLPL Capital Pte Ltd
166. Lotte Tour Development Co Ltd
167. Lottery Corp Ltd/The
168. Lotto24
169. LottoGopher Holdings Inc
170. Lottomatica SpA
171. Lottomatica SpA/Roma
172. Lottotech Ltd
173. Macau Legend Development Ltd
174. Magnum Bhd
175. Manila Jockey Club Inc
176. Mars Group Holdings Corp
177. Maverick Casinos LLC
178. Melco International Developmen
179. Melco Resorts & Entertainment
180. Melco Resorts & Entertainment
181. Melco Resorts Finance Ltd
182. MGM China Holdings Ltd
183. MGM Growth Properties LLC
184. MGM Growth Properties Operatin
185. MGM Resorts International
186. Midwest Gaming Borrower LLC
187. Mohegan Tribal Gaming Authorit
188. Monarch Casino & Resort Inc
189. Montreign Operating Co LLC
190. Mooney Group SpA
191. NagaCorp Ltd
192. NEOGAMES SA
193. NET Holding AS
194. NetEnt AB
195. Newbury Racecourse PLC
196. Niraku GC Holdings Inc
197. Novomatic AG
198. Odyssey Europe Holdco Sarl
199. Oizumi Corp

201. Olympia Industries Bhd  
 202. Olympic Entertainment Group AS  
 203. OPAP SA  
 204. Pacific Online Systems Corp  
 205. Paradise Co Ltd  
 206. Paradise Entertainment Ltd  
 207. Parpro Corp  
 208. Paysafe Group Holdings II Ltd  
 209. Paysafe Group Ltd  
 210. Paysafe Ltd  
 211. Peninsula Pacific Entertainmen  
 212. Penn Entertainment Inc  
 213. pferdewetten.de AG  
 214. Philippine Racing Club Inc  
 215. Philweb Corp  
 216. Phumelela Gaming & Leisure Ser  
 217. Pinnacle Entertainment Inc  
 218. PlayAGS Inc  
 219. Playsafe Holding AS  
 220. Playtech Plc  
 221. PointsBet Holdings Ltd  
 222. Pole To Win Holdings Inc  
 223. Pollard Banknote Ltd  
 224. Premier Entertainment Sub LLC  
 225. Premium Leisure Corp  
 226. QIWI plc  
 227. Queenco Ltd  
 228. Quixant PLC  
 229. Raketech Group Holding PLC  
 230. Rank Group PLC  
 231. Raptor Acquisition Corp  
 232. Red Rock Resorts Inc  
 233. Redcape Hotel Group Pty Ltd  
 234. Reef Casino Trust  
 235. Resorts World Las Vegas LLC /  
 236. REXLot Holdings Ltd - Set up f  
 237. RGB International Bhd  
 238. Rich Goldman Holdings Ltd  
 239. Rivers Pittsburgh Borrower LP  
 240. Royal International Corp  
 241. Rush Street Interactive Inc  
 242. Sands China Ltd  
 243. Sankyo Co Ltd  
 244. Schumann SpA  
 245. Scientific Games Holdings LP  
 246. Scientific Games International  
 247. Score Media and Gaming Inc  
 248. Sega Sammy Holdings Inc  
 249. Shin Hwa World Ltd  
 250. Silver Heritage Group Ltd  
 251. Sisal SpA/Milano  
 252. SJM Holdings Ltd  
 253. Skillz Inc  
 254. SKYCITY Entertainment Group Lt  
 255. SM Investments Corp  
 256. Snaitech SpA  
 257. Sociedad Hipodromo Chile  
 258. Societe des Bains de Mer et du  
 259. Societe Fermiere du Casino Mun  
 260. Societe francaise de Casinos  
 261. SoftBank Group Corp  
 262. Sportech PLC  
 263. Sportradar AG  
 264. Sportradar Holding AG  
 265. Sports Toto Bhd  
 266. Star Entertainment Grp Ltd/The  
 267. Stars Group Inc/The  
 268. Station Casinos LLC  
 269. Stats Perform LLC  
 270. Sterling Group LP/The  
 271. Strategic Investments A/S

272. Success Dragon International H  
 273. Sugarhouse HSP Gaming LP  
 274. Sugarhouse HSP Gaming Prop Mez  
 275. Summit Ascent Holdings Ltd  
 276. Sun Corp  
 277. Sun International Ltd/South Af  
 278. Supreme Ventures Ltd  
 279. Synectics PLC  
 280. Tabcorp Holdings Ltd  
 281. Table Trac Inc  
 282. Tatts Group Ltd  
 283. Thunderbird Resorts Inc  
 284. Tokyo Rakutenchi Co Ltd  
 285. Tokyotokeiba Co Ltd  
 286. Tourist Co of Nigeria PLC  
 287. TransAct Technologies Inc  
 288. Travellers International Hotel  
 289. Tsogo Sun Gaming Ltd  
 290. Tsuburaya Fields Holdings Inc  
 291. Twin River Management Group In  
 292. Universal Entertainment Corp  
 293. Valparaiso Sporting Club  
 294. VICI Note Co Inc  
 295. VICI Properties 1 LLC / VICI F  
 296. VICI Properties Inc  
 297. VICI Properties LP  
 298. Waterfront Philippines Inc  
 299. Webis Holdings PLC  
 300. William Hill Ltd  
 301. Wynn Las Vegas LLC / Wynn Las  
 302. Wynn Macau Ltd  
 303. Wynn Resorts Finance LLC / Wyn  
 304. Wynn Resorts Ltd  
 305. Yomiuri Land Co Ltd  
 306. Zeal Network SE

### Small Arms

#### (ethics)

1. AMMO Inc  
 2. Arcon Partners OOD  
 3. Armaco JSC  
 4. Arsenal AD  
 5. Asahi-Seiki Manufacturing Co L  
 6. CIA Nationala Romarm SA  
 7. Clarus Corp  
 8. Colt CZ Group SE  
 9. Daniel Technology Inc  
 10. Fort Hungary Kft  
 11. Furukawa Electric Co Ltd  
 12. Geofoto doo  
 13. Global Brass and Copper Holdin  
 14. H&K AG  
 15. Howa Machinery Ltd  
 16. Ian Edgar Liverpool Ltd  
 17. Kroll International LLC  
 18. Makina Ve Kimya Endustrisi Kur  
 19. MaxamCorp Holding SL  
 20. Miroku Corp  
 21. Nityanand Udyog Pvt Ltd  
 22. Olin Corp  
 23. Smith & Wesson Brands Inc  
 24. SNT Motiv Co Ltd  
 25. Sportsman's Warehouse Holdings  
 26. Streichers Inc  
 27. Sturm Ruger & Co Inc  
 28. Tasko Korporatsiya  
 29. Taurus Armas SA

30. UKE 2000 Holdings Ltd  
 31. Verney-Carron SA  
 32. Vista Outdoor Inc

### Military Contracting

#### (ethics)

1. AAR Corp  
 2. Abu Dhabi Ship Building Co PJS  
 3. Ace Technologies Corp  
 4. Adacel Technologies Ltd  
 5. Adani Enterprises Ltd  
 6. Addsino Co Ltd  
 7. Advent Technologies Holdings I  
 8. AECC Aero-Engine Control Co Lt  
 9. AECC Aviation Power Co Ltd  
 10. Aerojet Rocketdyne Holdings In  
 11. Aeronautics Ltd  
 12. Aerospace Industrial Developme  
 13. Aerospace Long-March Internati  
 14. Aerostar SA Bacau  
 15. AeroVironment Inc  
 16. Air Transport Services Group I  
 17. AirBoss of America Corp  
 18. Airbus Finance BV  
 19. Airbus SE  
 20. Airtificial Intelligence Struc  
 21. Aishwarya Technologies & Telec  
 22. Alaris Holdings Ltd  
 23. Albany International Corp  
 24. Allegheny Ludlum LLC  
 25. Allison Transmission Holdings  
 26. Allison Transmission Inc  
 27. AMETEK Inc  
 28. Amphenol Corp  
 29. Amphenol Technologies Holding  
 30. ANA Holdings Inc  
 31. Analog Devices Inc  
 32. Anhui Great Wall Military Indu  
 33. Apollo Micro Systems Ltd  
 34. ARC Group Worldwide Inc  
 35. Arcon Partners OOD  
 36. Arconic Inc/PA  
 37. Armaco JSC  
 38. Arotech Corp  
 39. Arsenal AD  
 40. Aryt Industries Ltd  
 41. Asahi-Seiki Manufacturing Co L  
 42. Aselsan Elektronik Sanayi Ve T  
 43. Ashot -Ashkelon Industries Ltd  
 44. Aspire Defence Finance PLC  
 45. Astra Microwave Products Ltd  
 46. Astronics Corp  
 47. Atec Inc  
 48. ATI Inc  
 49. Austal Ltd  
 50. Avcorp Industries Inc  
 51. Aviation Industry Corp of Chin  
 52. AVIC Chengdu UAS Co Ltd  
 53. AVIC Electromechanical Systems  
 54. AVIC International Finance & I  
 55. AVIC Shenyang Aircraft Co Ltd  
 56. AviChina Industry & Technology  
 57. Avio SpA  
 58. Avon Protection PLC  
 59. Babcock International Group PL  
 60. BAE Systems Finance Ltd  
 61. BAE Systems Holdings Inc

62.	BAE Systems PLC	133.	Dynamic Technologies Ltd	204.	Hyundai Auto Lease Securitizat
63.	BATM Advanced Communications L	134.	DynCorp International Inc	205.	Hyundai Auto Lease Securitizat
64.	Bel Fuse Inc	135.	ECA	206.	Hyundai Auto Lease Securitizat
65.	Belpetsvneshtehnika	136.	Elbit Systems Ltd	207.	Hyundai Auto Lease Securitizat
66.	BEML Ltd	137.	Electro Optic Systems Holdings	208.	Hyundai Auto Lease Securitizat
67.	Benchmark Electronics Inc	138.	eMagin Corp	209.	Hyundai Auto Receivables Trust
68.	Bharat Dynamics Ltd	139.	Embraer Netherlands Finance BV	210.	Hyundai Auto Receivables Trust
69.	Bharat Electronics Ltd	140.	Embraer Overseas Ltd	211.	Hyundai Auto Receivables Trust
70.	Blackrock European CLO VIII DA	141.	Embraer SA	212.	Hyundai Auto Receivables Trust
71.	BlackRock Inc	142.	EMCORE Corp	213.	Hyundai Auto Receivables Trust
72.	BlackRock Smaller Cos Trust PL	143.	EMKOREA Co Ltd	214.	Hyundai Auto Receivables Trust
73.	Bodycote PLC	144.	Endur ASA	215.	Hyundai Capital America
74.	Boeing Co/The	145.	Engility Holdings Inc	216.	Hyundai Capital Services Inc
75.	Bombardier Inc	146.	Environmental Tectonics Corp	217.	Hyundai Floorplan Master Owner
76.	Booz Allen Hamilton Holding Co	147.	Erickson Inc	218.	Hyundai Heavy Industries Co Lt
77.	Bourque Industries Inc	148.	ESCO Technologies Inc	219.	Hyundai Motor Co
78.	Boustead Heavy Industries Corp	149.	Espey Mfg. & Electronics Corp	220.	Hyundai Motor Manufacturing In
79.	BPLI Holdings Inc	150.	Esterline Technologies Corp	221.	Hyundai Rotem Co Ltd
80.	BWX Technologies Inc	151.	Exail Technologies SA	222.	Iar SA Brasov
81.	C. MER Industries Ltd	152.	Fincantieri SpA	223.	IHI Corp
82.	CACI International Inc	153.	Finmeccanica Finance SA	224.	IMI Systems Ltd
83.	CAE Inc	154.	Firan Technology Group Corp	225.	Indra Sistemas SA
84.	CAG Group AB	155.	First Defense International Gr	226.	Inmarsat Finance PLC
85.	Calian Group Ltd	156.	Firstec Co Ltd	227.	Inmarsat Group Holdings Ltd
86.	Centigon France SAS	157.	FLIR Systems Inc	228.	Inner Mongolia First Machinery
87.	Centum Electronics Ltd	158.	Fluor Corp	229.	Innovative Solutions and Suppo
88.	CeoTronics AG	159.	FMS Enterprises Migun Ltd	230.	Intracom Holdings SA
89.	Changsha Jingjia Microelectron	160.	Force Protection Inc	231.	Investor AB
90.	Chemring Group PLC	161.	Formula Systems 1985 Ltd	232.	Inviso AS
91.	China Aerospace Times Electron	162.	Fort Hungary Kft	233.	Iridium Communications Inc
92.	China Avionics Systems Co Ltd	163.	Frequency Electronics Inc	234.	Irkut Corp PJSC
93.	China Cinda 2020 I Management	164.	Frequentis AG	235.	ITI Ltd
94.	China Cinda Asset Management C	165.	Fujian Torch Electron Technolo	236.	ITT Inc
95.	China Cinda Finance 2014 Ltd	166.	Furukawa Electric Co Ltd	237.	Jacobs Engineering Group Inc
96.	China Cinda Finance 2015 I Ltd	167.	Garden Reach Shipbuilders & En	238.	Jacobs Solutions Inc
97.	China Cinda Finance 2017 I Ltd	168.	GE Capital Australia Funding P	239.	James Fisher & Sons PLC
98.	China North Industries Corp Lt	169.	Genasys Inc	240.	Jiangxi Hongdu Aviation Indust
99.	China Nuclear Engineering & Co	170.	General Dynamics Corp	241.	Kaman Corp
100.	China Shipbuilding Industry Co	171.	General Dynamics Ordnance and	242.	Kawasaki Heavy Industries Ltd
101.	China State Shipbuilding Group	172.	General Electric Co	243.	KBR Inc
102.	CIA Nacionala Romarm SA	173.	Geofoto doo	244.	KeyW Holding Corp/The
103.	CIRCOR International Inc	174.	Gilat Satellite Networks Ltd	245.	Kitron ASA
104.	Civmec Ltd	175.	GKN Holdings Ltd	246.	KLX Inc
105.	Cobham Ltd	176.	GKN Ltd	247.	Knafaim Holdings Ltd
106.	Cochin Shipyard Ltd	177.	Global Brass and Copper Holdin	248.	Knowles Corp
107.	Coda Octopus Group Inc	178.	Global Industrial & Defence So	249.	Kongsberg Gruppen ASA
108.	Codan Ltd/Australia	179.	Golden Legacy Pte Ltd	250.	Kontsern VKO Almaz-Antey AO
109.	Coherent Corp	180.	Goodwin PLC	251.	Kopin Corp
110.	Cohort PLC	181.	Graham Group Ltd	252.	Korea Aerospace Industries Ltd
111.	Colt CZ Group SE	182.	Griffon Corp	253.	Kratos Defense & Security Solu
112.	Commercial Vehicle Group Inc	183.	H&K AG	254.	KVH Industries Inc
113.	Comtech Telecommunications Cor	184.	Hanil Forging Industrial Co Lt	255.	L3 Technologies Inc
114.	Cooneen Protection Ltd	185.	Hanwha Aerospace Co Ltd	256.	L3Harris Technologies Inc
115.	CPI Aerostructures Inc	186.	Hanwha Corp	257.	Leidos Holdings Inc
116.	CS Group SA	187.	Hanwha Systems Co Ltd	258.	Leidos Inc
117.	CSBC Corp Taiwan	188.	Harris Corp	259.	Leonardo SpA
118.	CSRA Inc	189.	HBL Power Systems Ltd	260.	Leonardo US Holding Inc
119.	CSSC Capital 2015 Ltd	190.	HEICO Corp	261.	LIG Nex1 Co Ltd
120.	Cssc Capital Two Ltd	191.	Hensoldt AG	262.	Linear Technology Corp
121.	CSSC Offshore and Marine Engin	192.	Heroux-Devtek Inc	263.	Litton Industries Inc
122.	Cubic Corp	193.	Hexcel Corp	264.	LMI Aerospace Inc
123.	Curtiss-Wright Corp	194.	High Energy Batteries Ltd	265.	Lockheed Martin Corp
124.	Cy4gate SPA	195.	HighCom Global Security Inc	266.	Lumbird
125.	Daniel Technology Inc	196.	Hindustan Aeronautics Ltd	267.	MACOM Technology Solutions Hol
126.	Dassault Aviation SA	197.	Holding Korporacija Krusik AD	268.	Magellan Aerospace Corp
127.	Data Respons ASA	198.	Honeywell Automation India Ltd	269.	Makina Ve Kimya Endustrisi Kur
128.	Day & Zimmermann Group Inc/The	199.	Honeywell International Inc	270.	ManTech International Corp/VA
129.	Defence Research & Development	200.	Hornbeck Offshore Services Inc	271.	MaxamCorp Holding SL
130.	Destini Bhd	201.	Howmet Aerospace Inc	272.	Mayville Engineering Co Inc
131.	Dhk International Inc	202.	Hunee Technologies	273.	Mazagon Dock Shipbuilders Ltd
132.	Ducommun Inc	203.	Huntington Ingalls Industries	274.	MDA Ltd

275. Mega Engineering Vehicles  
 276. Meggitt PLC  
 277. Melrose Industries PLC  
 278. Mercury Systems Inc  
 279. Microflown Avisva BV  
 280. Mildef Group AB  
 281. Milkor USA Inc  
 282. Mitsubishi Heavy Industries Lt  
 283. MKU Ltd  
 284. Moog Inc  
 285. Morgan Advanced Materials PLC  
 286. MS INTERNATIONAL PLC  
 287. MTAR Technologies Ltd  
 288. MTI Wireless Edge Ltd  
 289. MTU Aero Engines AG  
 290. National Presto Industries Inc  
 291. Nippon Steel Corp  
 292. Nippon Steel Nisshin Co Ltd  
 293. Nityanand Udyog Pvt Ltd  
 294. nLight Inc  
 295. North Industries Group Red Arr  
 296. Northrop Grumman Corp  
 297. Northrop Grumman Innovation Sy  
 298. Northrop Grumman Systems Corp  
 299. NSE Industry AS  
 300. Oceaneering International Inc  
 301. Ocr Global Inc  
 302. Optex Systems Holdings Inc  
 303. Optical Cable Corp  
 304. Orbit International Corp  
 305. Orbit Technologies Ltd  
 306. Oshkosh Corp  
 307. Otokar Otomotiv Ve Savunma San  
 308. Pacem Solution International L  
 309. PAE Inc  
 310. PAR Technology Corp  
 311. Park Aerospace Corp  
 312. Parker-Hannifin Corp  
 313. Parsons Corp  
 314. Pennant International Group PL  
 315. Petards Group PLC  
 316. Plaintiff Systems Inc  
 317. Plexus Corp  
 318. Point Blank Enterprises Inc  
 319. Poongsan Corp  
 320. Poongsan Holdings Corp  
 321. Precision Electronics Ltd  
 322. Precision Optics Corp Inc/Mass  
 323. Premier Explosives Ltd  
 324. Pressure Technologies PLC  
 325. Prevas AB  
 326. QinetiQ Group PLC  
 327. Quickstep Holdings Ltd  
 328. RADA Electronic Industries Ltd  
 329. Raytheon Co  
 330. Raytheon Technologies Corp  
 331. RBC Bearings Inc  
 332. Redco Corp  
 333. Reliance Naval & Engineering L  
 334. Renk AG  
 335. Renk AG/Frankfurt am Main  
 336. RENK GmbH  
 337. Reunert Ltd  
 338. Rheinmetall AG  
 339. Ricardo PLC  
 340. Rikei Corp  
 341. Rockwell Collins Inc  
 342. Rolls-Royce Holdings PLC  
 343. Rolls-Royce PLC  
 344. Rolta India Ltd  
 345. Romaero SA Bucuresti  
 346. Rosprom OOO  
 347. Rostec State Corp  
 348. RSL Electronics Ltd  
 349. RTI International Metals Inc  
 350. Russian Helicopters AO  
 351. SA belge de Constructions aero  
 352. Saab AB  
 353. Safran SA  
 354. Sanmina Corp  
 355. Science Applications Internati  
 356. Senior PLC  
 357. Serco Group PLC  
 358. Servotronics Inc  
 359. Shinmaywa Industries Ltd  
 360. SIFCO Industries Inc  
 361. SimiGon Ltd  
 362. Singapore Technologies Enginee  
 363. SkyWater Technology Inc  
 364. Smiths Group PLC  
 365. SNT Dynamics Co Ltd  
 366. SNT Motiv Co Ltd  
 367. Solar Industries India Ltd  
 368. Solitron Devices Inc  
 369. Sparton Corp  
 370. Spirit AeroSystems Holdings In  
 371. Spirit AeroSystems Inc  
 372. Sri Rejeki Isman Tbk PT  
 373. Ssangyong Information & Commun  
 374. ST Engineering RHQ Ltd  
 375. Starburst Holdings Ltd  
 376. Ste Transcore Holdings Inc  
 377. Streit Manufacturing Inc  
 378. STX Engine Co Ltd  
 379. Sumitomo Precision Products Co  
 380. Sypris Solutions Inc  
 381. Taneja Aerospace & Aviation Lt  
 382. Tasko Korporatsiya  
 383. TAT Technologies Ltd  
 384. Taurus Armas SA  
 385. Taylor Devices Inc  
 386. TCL Technology Group Corp  
 387. TCL Technology Investments Ltd  
 388. TechPrecision Corp  
 389. Teledyne Technologies Inc  
 390. Tel-Instrument Electronics Cor  
 391. Tellhow Sci-Tech Co Ltd  
 392. Tetra Tech Inc  
 393. Textron Inc  
 394. Thales SA  
 395. Tianjin 712 Communication & Br  
 396. Timken India Ltd  
 397. Torotel Inc  
 398. TransDigm Group Inc  
 399. TransDigm Inc  
 400. TransDigm UK Holdings PLC  
 401. Triumph Group Inc  
 402. TT Electronics plc  
 403. TTM Technologies Inc  
 404. Tupolev PAO  
 405. Turbomecanica SA  
 406. Turk Silahlı Kuvvetlerini Gucl  
 407. Ultra Electronics Holdings PLC  
 408. Ultralife Corp  
 409. United Aircraft Corp PAO  
 410. United Technologies Corp PAC  
 411. V2X Inc  
 412. Vard Holdings Ltd  
 413. Ventia Pty Ltd  
 414. Ventia Services Group Pty Ltd  
 415. Vertex Aerospace LLC  
 416. Viasat Inc  
 417. Vicor Corp  
 418. Vista Outdoor Inc  
 419. Vitzrocell Co Ltd  
 420. VSE Corp  
 421. Walchandnagar Industries Ltd  
 422. Wesco Aircraft Holdings Inc  
 423. Wolverine Escrow LLC  
 424. Woodward Inc  
 425. Wuhan Guide Infrared Co Ltd  
 426. Xi'an Tian He Defense Technolo  
 427. Xi'an Triangle Defense Co Ltd  
 428. XTEK Ltd  
 429. Yugoimport-SDPR JP  
 430. ZheJiang Dali Technology Co Lt  
 431. Zodiac Aerospace

## Arctic Oil (climate)

1. Cassa Depositi e Prestiti SpA
2. Centrica PLC
3. DNO ASA
4. DNO North Sea PLC
5. Eni Finance International SA
6. Eni SpA
7. Eni USA Inc
8. Equinor ASA
9. Gaz Capital SA
10. GAZ Finance PLC
11. Gazprom Neft PJSC
12. Gazprom PJSC
13. GPN Capital SA
14. Hilcorp Energy Co
15. Hilcorp Energy I LP
16. Idemitsu Kosan Co Ltd
17. Inpex Corp
18. Neptune Energy Bondco PLC
19. Neptune Energy Group Ltd
20. RAK Petroleum PLC
21. Rosneftegaz AO
22. TotalEnergies Capital Canada L
23. TotalEnergies Capital Internat
24. TotalEnergies SE
25. Var Energi ASA
26. Wintershall Dea Finance 2 BV

## Oil Sands (climate)

1. Athabasca Oil Corp
2. Baytex Energy Corp
3. Baytex Energy LP
4. BG Energy Capital PLC
5. BP Capital Markets America Inc
6. BP Capital Markets BV
7. BP Capital Markets PLC
8. BP PLC
9. Burlington Resources Finance C
10. Canadian Natural Resources Ltd
11. Canadian Oil Sands Ltd
12. Cenovus Energy Inc
13. Chevron Corp
14. China National Offshore Oil Co
15. China National Petroleum Corp
16. China Petrochemical Corp
17. China Petroleum & Chemical Cor
18. CK Hutchison Capital Securitie
19. CK Hutchison Europe Finance 18

20. CK Hutchison Europe Finance 21
21. CK Hutchison Finance 16 II Ltd
22. CK Hutchison Finance 16 Ltd
23. CK Hutchison Group Telecom Fin
24. CK Hutchison Holdings Ltd
25. CK Hutchison International 16
26. CK Hutchison International 17
27. CK Hutchison International 17
28. CK Hutchison International 19
29. CK Hutchison International 19
30. CK Hutchison International 20
31. CK Hutchison International 21
32. CNOOC Curtis Funding No 1 Pty
33. CNOOC Finance 2003 Ltd
34. CNOOC Finance 2011 Ltd
35. CNOOC Finance 2012 Ltd
36. CNOOC Finance 2013 Ltd
37. CNOOC Finance 2014 ULC
38. CNOOC Finance 2015 Australia P
39. CNOOC Finance 2015 USA LLC
40. CNOOC Ltd
41. CNOOC Petroleum North America
42. CNPC Capital Co Ltd
43. CNPC General Capital Ltd
44. CNPC Global Capital Ltd
45. CNPC HK Overseas Capital Ltd
46. Concho Resources Inc
47. Connacher Oil and Gas Ltd
48. Conoco Funding Co
49. ConocoPhillips
50. ConocoPhillips Canada Funding
51. ConocoPhillips Co
52. ERM Power Investments Pty Ltd
53. Exxon Mobil Corp
54. Flughafen Zurich AG
55. Fomento de Construcciones y Co
56. Franco-Nevada Corp
57. Freehold Royalties Ltd
58. Harvest Operations Corp
59. Husky Oil Ltd
60. Hutchison Ports UK Finance PLC
61. Hutchison Whampoa Europe Finan
62. Hutchison Whampoa Finance 14 L
63. Hutchison Whampoa Finance Cl L
64. Hutchison Whampoa Finance UK P
65. Hutchison Whampoa Internationa
66. Hutchison Whampoa Internationa
67. Hutchison Whampoa Internationa
68. Hutchison Whampoa Internationa
69. Hutchison Whampoa Ltd
70. Imperial Oil Ltd
71. International Petroleum Corp
72. Korea National Oil Corp
73. MEG Energy Corp
74. Northumbrian Water Finance PLC
75. Northumbrian Water Group Ltd
76. Obsidian Energy Ltd
77. Pengrowth Energy Corp
78. PetroChina Co Ltd
79. PrairieSky Royalty Ltd
80. RSP Permian Inc
81. Shell International Finance BV
82. Shell PLC
83. Sinopec Capital 2013 Ltd
84. Sinopec Group Overseas Develop
85. Sinopec Group Overseas Develop
86. Sinopec Group Overseas Develop
87. Sinopec Group Overseas Develop
88. Sinopec Group Overseas Develop
89. Sinopec Group Overseas Develop
90. Sinopec Group Overseas Develop

91. Strathcona Resources Ltd/Alber
92. Suncor Energy Inc
93. Sunshine Oilsands Ltd
94. Tatneft PJSC
95. Teck Resources Ltd
96. Tosco Corp
97. TotalEnergies Capital Canada L
98. TotalEnergies Capital Internat
99. TotalEnergies Capital SA
100. TotalEnergies SE
101. Trinity Exploration & Producti

## Thermal Coal (climate)

1. A2A SpA
2. ABJA Investment Co Pte Ltd
3. ABM Investama Tbk PT
4. Aboitiz Equity Ventures Inc
5. Aboitiz Power Corp
6. Abu Dhabi National Energy Co P
7. AC Energy Finance Internationa
8. ACEN Corp
9. ACEN Finance Ltd
10. ACWA Power Co
11. Acwa Power Management And Inve
12. Adani Electricity Mumbai Ltd
13. Adani Enterprises Ltd
14. Adani Power Dahej Ltd
15. Adani Power Jharkhand Ltd
16. Adani Power Ltd
17. Adani Power Maharashtra Ltd
18. Adani Transmission Ltd
19. Adaro Energy Indonesia Tbk PT
20. Adaro Indonesia PT
21. Adaro Power PT
22. AEP Texas Central Co
23. AES Andes SA
24. AES Andres BV
25. AES Andres Dominicana Ltd
26. AES Argentina Generacion SA
27. AES Corp/The
28. AES El Salvador Trust II/Unite
29. AEV International Pte Ltd
30. Africa Coal Partners Ltd
31. African Energy Ltd
32. African Rainbow Minerals Ltd
33. AGL Energy Ltd
34. Agricultural Bank of China Ltd
35. Agritrade International Pte Lt
36. Agritrade Resources Ltd
37. Air Water Inc
38. Aksa Akrilik Kimya Sanayii AS
39. Aksa Enerji Uretim AS
40. Alabama Power Co
41. Alarko Holding AS
42. Albioma SA
43. Alcoa Corp
44. Alexander Funding Trust
45. Alfa Energi Investama Tbk PT
46. ALLETE Inc
47. Alliance Holdings GP LP
48. Alliance Resource Partners LP
49. Alliant Energy Corp
50. Alliant Energy Finance LLC
51. Alpha Metallurgical Resources
52. Alsons Thermal Energy Corp
53. Altius Minerals Corp
54. Alton Coal Development LLC
55. Aluminum Corp of China Ltd
56. Ameren Corp
57. American Electric Power Co Inc
58. Amman Mineral Internasional PT

59. Amman Mineral Nusa Tenggara PT
60. An Hui Wenergy Co Ltd
61. An Khanh Bac Giang Coal Plant
62. An Khanh Co Ltd
63. Andhra Pradesh Mineral Develop
64. Andhra Pradesh Power Generatio
65. Aneka Tambang Tbk
66. Anhui Hengyuan Coal Industry a
67. Anhui Province Energy Group Co
68. AntarChile SA
69. AO Razryez Tughuyskeey
70. Appalachian Power Co
71. ArcelorMittal SA
72. Arch Resources Inc
73. Arizona Public Service Co
74. ASF Group Ltd
75. Asia Energy Bangladesh Pvt Ltd
76. Assam Mineral Development Corp
77. Astra International Tbk PT
78. Athena Chhattisgarh Power Ltd
79. Athena Energy Ventures Pvt Ltd
80. Atimanan One Energy Inc
81. Atlantic Power Corp
82. Atlas Resources Tbk PT
83. Aurobindo Realty & Infrastruct
84. AustChina Holdings Ltd
85. Australian Pacific Coal Ltd
86. Avista Corp
87. AWE Ltd
88. Ayala Corp
89. AYC Finance Ltd
90. Baganuur Power LLC
91. Baicheng Jiangyuan District Xi
92. Baikalenergo AO
93. Bajaj Energy Ltd
94. Bajaj Hindusthan Singapore Pvt
95. Bajaj Hindusthan Sugar Ltd
96. Bajaj Power Ventures Pvt Ltd
97. Bakrie and Brothers Tbk PT
98. Bakrie Indo Infrastructure PT
99. Bakrie Power PT
100. Balkhashskaya TES JSC
101. Bangladesh China Power Co Pvt
102. Bangladesh India Friendship Po
103. Bangladesh Oil Gas & Mineral C
104. Bangladesh Power Development B
105. Bank of China Ltd
106. Banpu PCL
107. Banpu Power PCL
108. Banque Internationale a Luxemb
109. Banyuasin Power Energy PT
110. Baotailong New Materials Co Lt
111. Bara Utama Persada Raya PT
112. Baramulti Suksesarana Tbk PT
113. Barito Pacific Tbk PT
114. Barzasskoe Tovarishchestvo 000
115. Bathurst Resources Ltd
116. Batu Bumi Persada PT
117. Bayan Resources Tbk PT
118. Bazhou Dongchen Industrial Tra
119. Befar Group Co Ltd
120. Beijing Energy Holding Co Ltd
121. Beijing Haohua Energy Resource
122. Beijing Jingneng Power Co Ltd
123. Beijing Jingneng Shiyuan Coal P
124. Belon OJSC
125. Berkshire Hathaway Energy Co
126. Berkshire Hathaway Finance Cor
127. Berkshire Hathaway Inc
128. Best Coal Inc
129. Bhakti Energi Persada Tbk PT
130. Bharat Coking Coal Ltd
131. Bhimasena Power Indonesia PT
132. BHP Billiton Finance Ltd
133. BHP Billiton Finance USA Ltd
134. BHP Finance USA Inc
135. BHP Group Ltd



136.	BHP Group UK LTD	213.	China Petrochemical Corp	290.	ContourGlobal LP
137.	Bhumi Jati Power PT	214.	China Pingmei Shenma Holding G	291.	ContourGlobal PLC
138.	Bihar Infrapower Ltd	215.	China Power Clean Energy Devel	292.	ContourGlobal Power Holdings S
139.	Bihar Mega Power Ltd	216.	China Power International Deve	293.	Copelmi Mineracao Ltda
140.	Bintan Alumina Indonesia PT	217.	China Qinfu Group Ltd	294.	Coronado Finance Pty Ltd
141.	Bisichi Mining Exploration Ltd	218.	China Resources Coal Group Co	295.	Coronado Global Resources Inc
142.	Bisichi PLC	219.	China Resources Electric Power	296.	Corsa Coal Corp
143.	BKW AG	220.	China Resources Inc	297.	County International Ltd
144.	Black Hills Corp	221.	China Resources Power Holdings	298.	CPS Energy Resources PLC
145.	Black Royalty Minerals Pty Ltd	222.	China Shenhua Energy Co Ltd	299.	Cumnock No 1 Mine
146.	Blackfin Pty Ltd	223.	China Shenhua Overseas Capital	300.	Daguma Agro Minerals Inc Dagum
147.	BlackRock Inc	224.	China Southern Power Grid Co L	301.	Daikyo Inc
148.	Bodal Chemicals Ltd	225.	China Southern Power Grid Inte	302.	Dalmia Cement Bharat Ltd
149.	Bogatyr Coal Mine/Kazakhstan	226.	China State Construction Finan	303.	Damodar Valley Corp
150.	Bonanza Creek Energy Resources	227.	China State Construction Finan	304.	Dana Brata Luhur Tbk PT
151.	Borneo Olah Sarana Sukses PT	228.	China State Construction Finan	305.	Datang Anhui Power Generation
152.	Boulder Stone Mart Pvt Ltd	229.	China State Construction Inter	306.	Datang Huayin Electric Power C
153.	Bowen Coking Coal Ltd	230.	China Sunshine Paper Holdings	307.	Datang Huayin Zhuzhou Electric
154.	Brickworks Ltd	231.	China Tourism Group Corp Ltd	308.	Datang International Power Gen
155.	Brooks Run Mining Co LLC	232.	China Yangtze Power Co Ltd	309.	Dellworth Pty Ltd
156.	BS Ispat Ltd	233.	CHN Energy Changyuan Electric	310.	Demir Export AS
157.	Bukit Asam Tbk PT	234.	CHN Energy Yunnan Electric Pow	311.	Deoghar Infra Ltd
158.	Bukit Enim Energi PT	235.	Chongqing Energy Investment Gr	312.	Deoghar Mega Power Ltd
159.	Bulga Coal Sales Pty Ltd	236.	Chowgule & Co Pvt Ltd	313.	Dian Swastatika Sentosa Tbk PT
160.	Bulgarian Energy Holding EAD	237.	Chubu Electric Power Co Inc	314.	Dianjian Haiyu Ltd
161.	Bumi Resources Tbk PT	238.	Chugoku Electric Power Co Inc/	315.	Dianjian International Finance
162.	Bushveld Minerals Ltd	239.	Cia Paranaense de Energia	316.	Dilip Buildcon Ltd
163.	Cairn India Ltd	240.	Ciech SA	317.	DMCI Holdings Inc
164.	Calenergy Inc	241.	Cikarang Listrindo Tbk PT	318.	Dominion Energy Inc
165.	Canyon Coal Mine	242.	Ciner Group	319.	Dominion Energy South Carolina
166.	Capital Power Corp	243.	Cirebon Energi Prasarana PT	320.	Donugol OAO
167.	Castle Peak Power Finance Co L	244.	CITIC Corp Ltd	321.	Doosan Enerbility Co Ltd
168.	Celsia SA ESP	245.	CITIC Ltd	322.	Drax Finco PLC
169.	Celtic Resources Holdings DAC	246.	CITIC Resources Holdings Ltd	323.	Drax Group PLC
170.	Centennial Coal Co Pty Ltd	247.	CK Hutchison Capital Securitie	324.	DTE Electric Co
171.	CenterPoint Energy Inc	248.	CK Hutchison Europe Finance 18	325.	DTE Energy Co
172.	CenterPoint Energy Transition	249.	CK Hutchison Europe Finance 21	326.	DTEK BV
173.	Centrais Eletricas Brasileiras	250.	CK Hutchison Finance 16 II Ltd	327.	DTEK Finance PLC
174.	Central Coalfields Ltd	251.	CK Hutchison Finance 16 Ltd	328.	Duke Energy Carolinas LLC
175.	Central Networks Services Ltd	252.	CK Hutchison Group Telecom Fin	329.	Duke Energy Corp
176.	Central Puerto SA	253.	CK Hutchison Holdings Ltd	330.	Duke Energy Florida LLC
177.	Central Queensland Coal Associ	254.	CK Hutchison International 16	331.	Duke Energy Florida Project Fi
178.	CESC Ltd	255.	CK Hutchison International 17	332.	Duke Energy Indiana LLC
179.	CEZ AS	256.	CK Hutchison International 17	333.	Duke Energy Ohio Inc
180.	CGN New Energy Holdings Co Ltd	257.	CK Hutchison International 19	334.	Duke Energy Progress LLC
181.	Chalco Hong Kong Investment Co	258.	CK Hutchison International 19	335.	Duke Energy Progress NC Storm
182.	Chandgana Khavtgai Coal Deposi	259.	CK Hutchison International 20	336.	Dynegy Inc
183.	Chandra Prabhu International L	260.	CK Hutchison International 21	337.	East Coast Energy Pvt Ltd
184.	Changle County Power Supply Co	261.	CK Infrastructure Holdings Ltd	338.	East Energy Resources Ltd
185.	Cheung Kong Infrastructure Fin	262.	Cleco Corporate Holdings LLC	339.	Eastern Coalfields Ltd
186.	Chhattisgarh State Power Gener	263.	Cleco Power LLC	340.	EDP - Energias de Portugal SA
187.	China Cinda 2020 I Management	264.	Cloud Peak Energy Inc	341.	EDP - Energias do Brasil SA
188.	China Cinda Asset Management C	265.	Cloud Peak Energy Resources LL	342.	EDP Espirito Santo Distribuica
189.	China Cinda Finance 2014 Ltd	266.	CLP Holdings Ltd	343.	EDP Finance BV
190.	China Cinda Finance 2015 I Ltd	267.	CLP Power HK Finance Ltd	344.	EDP Sao Paulo Distribuicao De
191.	China Cinda Finance 2017 I Ltd	268.	CLP Power Hong Kong Financing	345.	EGAT International Co Ltd
192.	China CITIC Bank Corp Ltd	269.	Clyde Park Coal Pty Ltd	346.	Ekibastuz GRES-1 LLP
193.	China Coal Energy Co Ltd	270.	CMS Energy Corp	347.	Electric Power Development Co
194.	China Coal Technology & Engine	271.	Coal Asia Holdings Inc	348.	Electricite de France SA
195.	China Coal Xinji Energy Co Ltd	272.	Coal Energy SA	349.	Electricity Generating Authori
196.	China Construction Bank Corp	273.	Coal India Africana Ltda	350.	Electricity Generating PCL
197.	China Datang Corp	274.	Coal India Ltd	351.	Electricity Generation Co Mala
198.	China Energy Engineering Corp	275.	Coal Mining Madagascar Sarl	352.	Electricity Supply Board
199.	China Energy Engineering Group	276.	Coal Power Generation Co Bangl	353.	Elektrani na Makedonija AD
200.	China Energy Group Ningxia Coa	277.	Coalspur Mines Pty Ltd	354.	Elektroprivreda Republike Srps
201.	China Energy Investment Corp L	278.	Coca-Cola Europacific Partners	355.	Elektroprivreda Srbije Beograd
202.	China Everbright Bank Co Ltd	279.	Colbun SA	356.	Elga Coal Complex
203.	China Gezhouba Group Co Ltd	280.	Columbus Southern Power Co	357.	Elm Road Generating Station Su
204.	China Guodian Corp	281.	Comet Coal & Coke Pty Ltd	358.	Eloff Mining Co Pty Ltd
205.	China Huadian Corp Ltd	282.	Comision Federal de Electricid	359.	Emera Inc
206.	China Huaneng Group Co Ltd	283.	Community Investment Holdings	360.	Emera US Finance LP
207.	China Huaneng Group Hong Kong	284.	Comsar Energy Group Ltd	361.	Emil Mines & Mineral Resources
208.	China Kingho Energy Group	285.	Cong Thanh Cement JSC	362.	Empresa Electrica Angamos SA
209.	China Longyuan Power Group Cor	286.	Cong Thanh Coal Plant Vietnam	363.	Empresa Electrica Cochrane SpA
210.	China National Coal Developmen	287.	CONSOL Coal Resources LP	364.	Empresa Electrica Guacolda SA
211.	China National Coal Group Corp	288.	CONSOL Energy Inc	365.	Empresa Generadora de Electric
212.	China Oceanwide Holdings Ltd	289.	Consumers Energy Co	366.	EN+ Group International PJSC

367. EnBW Energie Baden-Wuerttember  
368. EnBW International Finance BV  
369. Endesa SA  
370. Enea SA  
371. Energia Finance AB  
372. Energa SA  
373. Energeticky a Prumyslovy Holdi  
374. Energy Harbor Corp  
375. Energy Resources LLC  
376. Energy Transfer LP  
377. Energy Transfer LP / Regency E  
378. Energy Transfer Operating LP  
379. Eneva SA  
380. Enex Oakbridge Pty Ltd  
381. Engie Alliance GIE  
382. Engie Brasil Energia SA  
383. Engie Energia Chile SA  
384. Engro Corp Ltd/Pakistan  
385. Engro Powergen Qadirpur Ltd  
386. Engro Powergen Thar Pvt Ltd  
387. ENN Clean Energy International  
388. ENN Natural Gas Co Ltd  
389. Ensham Resources Pty Ltd  
390. Entergy Arkansas LLC  
391. Entergy Corp  
392. Entergy Gulf States Louisiana  
393. Entergy Louisiana LLC  
394. Entergy Mississippi LLC  
395. Entergy Texas Inc  
396. Entergy Utility Property Inc  
397. EP Energy AS  
398. EP Infrastructure AS  
399. Erdene Mongol LLC  
400. Erdenes Tavan Tolgoi JSC  
401. Erdos Hongsen Mining Co Ltd Ji  
402. ESB Finance DAC  
403. Eskom Holdings SOC Ltd  
404. Essel Mining & Industries Ltd  
405. Eterna Capital Pte Ltd  
406. ETP Legacy LP  
407. Eurasian Natural Resources Cor  
408. Eurasian Resources Group  
409. EuroSibEnergO OAO  
410. Evergy Inc  
411. Evergy Kansas Central Inc  
412. Evergy Kansas South Inc  
413. Evergy Metro Inc  
414. EVN AG  
415. EWE AG  
416. Eksploitasi Energi Indonesia Tb  
417. Exxaro Resources Ltd  
418. Far Eastern Generating Co OAO  
419. Fauji Fertilizer Co Ltd  
420. FDC Misamis Power Corp  
421. FDC Utilities Inc  
422. Feishang Anthracite Resources  
423. Fillinvest Development Corp  
424. First Pacific Co Ltd  
425. FirstEnergy Corp  
426. Fita International Ltd  
427. Fondo De Titulizacion Del Defi  
428. Foresight Energy LP  
429. Formosa Ha Tinh Steel Corp  
430. Formosa Plastics Corp  
431. Fortis Inc/Canada  
432. FortisBC Holdings Inc  
433. Fortum Oyj  
434. Fortum Waste Solutions Oy  
435. FPC Treasury Ltd  
436. Franco-Nevada Corp  
437. FTB QLD Pty Ltd  
438. Fugu County State-Owned Assets  
439. Fujian Energy Group Co Ltd  
440. Fujian Funeng Co Ltd  
441. Fujian Huian Quanhui Power Gen  
442. Gangneung Eco Power Co Ltd  
443. Gansu Energy & Chemical Invest  
444. Gansu Jingyuan Coal Industry a  
445. Gansu Province Electric Power  
446. Gazprom PJSC  
447. Gazprom PJSC Via Gaz Capital S  
448. Gazprom PJSC via Gaz Finance P  
449. GC Treasury Center Co Ltd  
450. GCC SAB de CV  
451. GCM Resources PLC  
452. GD Power Development Co Ltd  
453. Gemeng International Energy Co  
454. Genesis Energy Ltd  
455. Genting Bhd  
456. Geo Energy Resources Ltd  
457. Georgia Power Co  
458. Glencore Capital Finance DAC  
459. Glencore Finance Canada Ltd  
460. Glencore Finance Dubai Ltd  
461. Glencore Finance Europe Ltd  
462. Glencore Funding LLC  
463. Glencore PLC  
464. Global Aluminium International  
465. Global Power Synergy PCL  
466. Glow Energy PCL  
467. GMR Airports Infrastructure Lt  
468. GMR Energy Ltd  
469. GMR Kamalanga Energy Ltd  
470. Gohl Capital Ltd  
471. Golden Eagle Energy Tbk PT  
472. Golden Energy & Resources Ltd  
473. Golden Lake Country Club KK  
474. Government Pension Investment  
475. GPN Capital SA  
476. Graha Panca Karsa PT  
477. Grand River Dam Authority  
478. Great Plains Energy Inc  
479. Great River Energy  
480. Grupa Azoty SA  
481. Grupo Argos SA/Colombia  
482. Grupo de Inversiones Suramerica  
483. Grupo Energia Bogota SA ESP  
484. Grupo Mexico SAB de CV  
485. Grupo Nutresa SA  
486. GrupoSura Finance SA  
487. GS Holdings Corp  
488. GT Capital Holdings Inc  
489. Guacolda Energia SA  
490. Guangdong Baoli Hua New Energy  
491. Guangdong Electric Power Devel  
492. Guangdong Energy Group Co Ltd  
493. Guangdong Investment Ltd  
494. Guangdong King Sun Electric Po  
495. Guangdong Shaoneng Group Co Lt  
496. Guanghui Energy Co Ltd  
497. Guangxi Guiguan Electric Power  
498. Guangxi Investment Group Beiha  
499. Guangxi Investment Group Co Lt  
500. Guangzhou Development Group In  
501. Guiyang County Electric Power  
502. Guizhou Panjiang Coal and Elec  
503. Guizhou Panjiang Hengpu Coal C  
504. Guizhou Panjiang Refined Coal  
505. Guizhou Shuicheng Coal Mining  
506. Guizhou Shuikuang Xiyang Cokin  
507. Guizhou Wujiang Hydropower Dev  
508. Gujarat Industries Power Co Lt  
509. Gujarat Mineral Development Co  
510. Gujarat State Electricity Corp  
511. Gujarat Urja Vikas Nigam Ltd  
512. Gulf Power Co  
513. Guodian Fuzhou Thermal Power C  
514. Guoneng Shendong Coal Group Co  
515. Guoneng Shenhua Jiujiang Power  
516. Guoneng Shenwan Anqing Power G  
517. Guoneng Shenwan Chizhou Power  
518. Guoneng Yulin Energy Co Ltd  
519. Guoneng Zhejiang Zhoushan Powe  
520. Guoyue Guangdong Investment Gr  
521. Haci Omer Sabanci Holding AS  
522. Hallador Energy Co  
523. Halmahera Persada Lygend PT  
524. Hangzhou Beifan Investment Man  
525. Hanwha Energy USA Holdings Cor  
526. Harbin Investment Group Co Ltd  
527. Harum Energy Tbk PT  
528. Hattat Holding AS  
529. Hebei Construction & Investmen  
530. HEG Ltd  
531. Heilongjiang LongMay Mining Gr  
532. Heilongjiang Longmei Mining Ho  
533. Henan Dayou Energy Co Ltd  
534. Henan Energy Group Co Ltd  
535. Henan Nengxin Heating Co Ltd  
536. Henan Province Xuchang Xinlong  
537. Henan Shenhua Coal & Power Co  
538. Henan Shenhua Group Co Ltd  
539. Henan Yuneng Holdings Co Ltd  
540. Henderson Land Development Co  
541. Henderson Land MTN Ltd  
542. Hengli Petrochemical Co Ltd  
543. Hero Asia Investment Ltd  
544. Hidili Industry International  
545. Hindalco Industries Ltd  
546. HK Electric Investments & HK E  
547. HKCG Finance Ltd  
548. HNA Group Co Ltd  
549. Hokkaido Electric Power Co Inc  
550. Hokuriku Electric Power Co  
551. Hong Kong & China Gas Co Ltd  
552. Hongkong Electric Co Ltd/The  
553. Hongkong Electric Finance Ltd  
554. Hongsa Power Co Ltd  
555. Hopewell Holdings Ltd  
556. Hosken Consolidated Investment  
557. Hrvatska Elektroprivreda  
558. Huadian Energy Co Ltd  
559. Huadian Fuxin Energy Corp Ltd  
560. Huadian Power International Co  
561. Huadian Xinjiang Power Co Ltd  
562. Huaibei Guo'an Power Co Ltd  
563. Huaibei Mining Group Co Ltd  
564. Huaibei Mining Holdings Co Ltd  
565. Huaihe Energy Group Co Ltd  
566. Huainan Mining Industry Group  
567. Huaneng Dalian Power Plant  
568. Huaneng International Power De  
569. Huaneng Power International In  
570. Huaneng Power International Ji  
571. Huaneng Shantou Haimen Power L  
572. Huaneng Zhejiang Energy Develo  
573. Huangling Mining Group Co Ltd  
574. Huasheng Jiangquan Group Co Lt  
575. Huaxin Energy Aust Pty Ltd  
576. Huayang Construction Investmen  
577. Huayang New Material Technolog  
578. Hub Power Co Ltd/The  
579. Hubei Energy Group Co Ltd  
580. Hunnu Coal Pty Ltd  
581. Huozhou Coal & Electricity Gro  
582. Hutchison Ports UK Finance PLC  
583. Hutchison Whampoa Europe Finan  
584. Hutchison Whampoa Finance 14 L  
585. Hutchison Whampoa Finance Cl L  
586. Hutchison Whampoa Finance UK P  
587. Hutchison Whampoa Internationa  
588. Hutchison Whampoa Internationa  
589. Hutchison Whampoa Internationa  
590. Hutchison Whampoa Internationa  
591. Hutchison Whampoa Ltd  
592. Hwange Colliery Co Ltd  
593. Ichor Coal NV  
594. IDACORP Inc  
595. Idaho Power Co  
596. Idemitsu Kosan Co Ltd  
597. IE2 Holdco SAU

598.	Ikwezi Mining Ltd	675.	Jizhong Energy Resources Co Lt	752.	Mahanadi Coalfields Ltd
599.	Ikwezi Mining Pty Ltd	676.	JMH Co Ltd	753.	Maharashtra Seamless Ltd
600.	Imeco Inter Sarana PT	677.	JMS Mining Services Pvt Ltd	754.	Maharashtra State Power Genera
601.	Indiana Michigan Power Co	678.	Jointo Energy Investment Co Lt	755.	Mainova AG
602.	Indianapolis Power & Light Co	679.	JP Elektroprivreda BIH dd Sara	756.	Majapahit Holding BV
603.	Indika Energy Capital III Pte	680.	JSPL Mozambique Minerals Lda	757.	Malakoff Corp Bhd
604.	Indika Energy Capital IV Pte L	681.	JSW Energy Ltd	758.	Mangoola Coal Operations Pty L
605.	Indika Energy Tbk PT	682.	JSW Hydro Energy Ltd	759.	Manila Electric Co
606.	Indo Energy Finance II BV	683.	JSW Ispat Special Products Ltd	760.	Mariveles Power Generation Cor
607.	Indo Raya Tenaga PT	684.	Kailuan Group Ltd Liability Co	761.	Marubeni Corp
608.	Indo Tambangraya Megah Tbk PT	685.	Kaisun Holdings Ltd	762.	Masimong Group Holdings Pty Lt
609.	Indonesia Asahan Aluminium Per	686.	Kangaroo Resources Ltd	763.	Masinloc Power Partners Co Ltd
610.	Indonesia Power PT	687.	Kangra Coal Pty Ltd	764.	Maxim Power Corp
611.	Industrial & Commercial Bank o	688.	Kansai Electric Power Co Inc/T	765.	Mbuyelo Coal
612.	Industrial Bank Co Ltd	689.	Karakan Invest LLC	766.	MC Mining Ltd
613.	Industrial Development Corp of	690.	Karnataka Power Corp Ltd	767.	MDU Resources Group Inc
614.	Inner Mongolia Dian Tou Energy	691.	Karo Mining Holdings PLC	768.	Mechel PJSC
615.	Inner Mongolia Dongyuan Scien-	692.	Katanga Mining Ltd	769.	Mechel-Energo OOO
616.	Inner Mongolia Energy Generati	693.	KCP Ltd/The	770.	Mechel-Mining OAO
617.	Inner Mongolia ERDOS Resources	694.	Keaton Energy Holdings Ltd	771.	Meijin Energy Group Co Ltd
618.	Inner Mongolia Huineng Coal &	695.	Kentucky Utilities Co	772.	Menar Holding
619.	Inner Mongolia Jingtai Electri	696.	KGHM Polska Miedz SA	773.	MERALCO PowerGen Corp
620.	Inner Mongolia Junzheng Energy	697.	Kibo Energy PLC	774.	Mercator Ltd
621.	Inner Mongolia MengDian HuaNen	698.	Kinetic Development Group Ltd	775.	Metals & Engineering Corp
622.	Inner Mongolia Mengtai Group C	699.	King Power Capital Ltd	776.	Metro Mining Ltd
623.	Inner Mongolia Ordos Lianhai C	700.	Kobe Steel Ltd	777.	Metro Pacific Investments Corp
624.	Inner Mongolia Pingzhuang Ener	701.	Kobelco Power Kobe NO 2 Inc	778.	MGE Energy Inc
625.	Inner Mongolia Yidong Resource	702.	KOC Holding AS	779.	MidAmerican Energy Co
626.	Inner Mongolia Yinhong Energy	703.	Koks Finance DAC	780.	Midamerican Energy Holdings Co
627.	Inner Mongolia Yitai Coal Co L	704.	Koks PAO	781.	Midwest Connector Capital Co L
628.	Inner Mongolia Yitai Group Co	705.	Komaniya VostSibUgol OOO	782.	Minas de Revuboe Ltda
629.	Inner Mongolia Yuanyuan Energy	706.	Korea East-West Power Co Ltd/K	783.	Minejesa Capital BV
630.	Inter RAO UES PJSC	707.	Korea Electric Power Corp	784.	Minera Mexico SA de CV
631.	InterGen NV	708.	Korea Midland Power Co Ltd	785.	Mineracao Ouro Negro SA
632.	International Coal Holdings Pt	709.	Korea Mine Rehabilitation & Mi	786.	Minerology Pty Ltd
633.	International Coal Ventures Pv	710.	Korea South-East Power Co Ltd	787.	Mississippi Power Co
634.	Interstate Power and Light Co	711.	Korea Southern Power Co Ltd	788.	Mitrabara Adiperdana Tbk PT
635.	Intra Energy Corp Ltd	712.	Korea Western Power Co Ltd	789.	Mitsubishi Corp
636.	IPALCO Enterprises Inc	713.	Kores Australia Pty Ltd	790.	Mitsubishi Materials Corp
637.	Ipek Dogal Enerji Kaynaklari A	714.	Kumho Petrochemical Co Ltd	791.	Mitsui & Co Ltd
638.	Irkutskenergo PJSC	715.	Kutchh Power Generation Ltd	792.	Mitsui Matsushima Australia Pt
639.	IRPC PCL	716.	Kuzbassenergo OJSC	793.	Mitsui Matsushima Holdings Co
640.	Israel Electric Corp Ltd	717.	Kuzbasskaya Toplivnaya Co JSC	794.	Mitsui Matsushima Internationa
641.	ITOCHU Corp	718.	Kyushu Electric Power Co Inc	795.	MMK International Capital DAC
642.	Itochu Enex Co Ltd	719.	Lager doo	796.	MNC Asia Holding Tbk PT
643.	Izimbiwa Coal	720.	Lalitpur Power Generation Co L	797.	MNC Energy Investments Tbk PT
644.	Jaiprakash Associates Ltd	721.	Lanna Resources PCL	798.	Mong Duong Finance Holdings BV
645.	Jaiprakash Power Ventures Ltd	722.	Lao Holding State Enterprise	799.	Mongolian Mining Corp
646.	Jamshoro Power Co LTD	723.	Legend Holdings Corp	800.	Monongahela Power Co
647.	Jardine Cycle & Carriage Ltd	724.	Lemur Holdings Ltd	801.	Moolarben Coal Mines Pty Ltd
648.	Jardine Matheson Holdings Ltd	725.	Lemur Investments Ltd	802.	Morella Corp Ltd
649.	Jardine Strategic Holdings Ltd	726.	LG Corp	803.	Morupule Coal Mine
650.	Jastrzebska Spolka Weglowa SA	727.	LG&E and KU Energy LLC	804.	Morupule South Coal Deposit
651.	Jawaharpur Vidyut Utpadan Niga	728.	Liaoning Tiefert Energy Co Ltd	805.	Mosenergo PJSC
652.	JERA Co Inc	729.	Linyi Mining Group Co Ltd	806.	Mountain Coal Co LLC
653.	JG Summit Holdings Inc	730.	Liuzhi Industrial Mining Group	807.	MP Natural Resources Pvt Ltd
654.	Jharkhand Infrapower Ltd	731.	LLPL Capital Pte Ltd	808.	Mt Owen Pty Ltd
655.	Jharkhand State Electricity Bo	732.	Longfeng Coal Mine Guizhou Lin	809.	Mudanjiang Hengfeng Thermal Po
656.	Jiangsu Delong Nickel Industry	733.	Los Angeles Department of Wate	810.	Municipal Electric Authority o
657.	Jiangsu Eastern Shenghong Co L	734.	Louisville Gas and Electric Co	811.	Muswellbrook Coal Co Ltd
658.	Jiangsu Guoxin Corp Ltd	735.	Lu'an Chemical Group Co Ltd	812.	MVM Energetika Zrt
659.	Jiangsu Guoxin Investment Grou	736.	Lu'an Mining Industry Group Co	813.	MVV Energie AG
660.	Jiangxi Ganneng Co Ltd	737.	Lu'an Xinjiang Coal Chemical C	814.	NACCO Industries Inc
661.	Jiangxi Province Investment Gr	738.	Lubelski Wegiel Bogdanka SA	815.	Namane Resources Pty Ltd
662.	Jilin Dongfang Electric Power	739.	Luenmei Quantum Co Ltd	816.	Nan Nan Resources Enterprise L
663.	Jilin Provincial Coal Industry	740.	Luliang Donghui Jiaohua Gas Co	817.	Nanshan Group Co Ltd
664.	Jindal Africa SA	741.	Lurco Eswatini Pty Ltd	818.	Narragansett Electric Co/The
665.	Jindal Stainless Ltd	742.	LX INTERNATIONAL CORP	819.	National Aluminium Co Ltd
666.	Jindal Steel & Power Ltd	743.	Lygend Resources & Technology	820.	National Development Corp of T
667.	Jingyuan Coal Group Jingtai Co	744.	Maatla Energy Ltd	821.	National Power Supply PCL
668.	Jingyuan Coal Industry Group C	745.	Mabar Elektrindo PT	822.	Natural Resource Partners LP
669.	Jinneng Holding Coal Group Co	746.	MACH Energy Australia Pty Ltd	823.	Nava Ltd
670.	Jinneng Holding Equipment Manu	747.	Madhya Pradesh Power Generatin	824.	Navajo Transitional Energy Co
671.	Jinneng Holding Power Group Co	748.	Magna Resources Corp Pte Ltd	825.	Ncondezi Coal Co Mozambique Lt
672.	Jinneng Holding Shanxi Coal In	749.	Magnitogorsk Iron & Steel Work	826.	Ncondezi Energy Ltd
673.	Jinneng Holding Shanxi Electri	750.	Mahan Energen Ltd	827.	Ncondezi Power Co SA
674.	Jizhong Energy Group Co Ltd	751.	Mahanadi Basin Power Ltd	828.	Nebraska Public Power District

829.	New Hope Corp Ltd	906.	PGE Polska Grupa Energetyczna	983.	Rohit Ferro-Tech Ltd
830.	New Largo Coal Pty Ltd	907.	PGE Sweden AB	984.	Rongshi International Finance
831.	New Lenton Coal Pty Ltd	908.	Pha Lai Thermal Power JSC	985.	Rosan Resources Holdings Ltd
832.	New World China Land Ltd	909.	Phembani Oil Pty Ltd	986.	Royal Group of Companies/The
833.	New World Development Co Ltd	910.	Philadelphia Energy Solutions	987.	Rural Power Co Ltd
834.	Newfoundland Power Inc	911.	Philadelphia Energy Solutions	988.	Rusal Capital DAC
835.	Neyveli Uttar Pradesh Power Lt	912.	Phoenix Lead Ltd	989.	RusHydro PJSC
836.	NGD Holdings BV	913.	Pingdingshan Tianan Coal Minin	990.	Russian Coal JSC
837.	NIE Finance PLC	914.	Pinnacle West Capital Corp	991.	RWE AG
838.	Ningxia Hongdunzi Coal Industr	915.	Pipeline Funding Co LLC	992.	S Alam Power Generation Ltd
839.	Ningxia Huadian Yongli Power G	916.	Platinum Alloys Pvt Ltd	993.	Sabine Oil & Gas Corp
840.	Ningxia Qinghua Coalification	917.	PNM Resources Inc	994.	Sagar Cements Ltd
841.	Nippon Steel Corp	918.	PNOC Exploration Corp	995.	Sahakol Equipment PCL
842.	Nippon Steel Nisshin Co Ltd	919.	Pohjolan Voima Oy	996.	Sakari Resources Ltd
843.	Nishat Mills Ltd	920.	Polat Madencilik Sanayi VE Tic	997.	Sakthi Sugars Ltd
844.	NiSource Finance Corp	921.	Polenergia SA	998.	Salt River Project Agricultura
845.	NiSource Inc	922.	Polski Koncern Naftowy ORLEN S	999.	Salungano Group Ltd
846.	NLC India Ltd	923.	Polskie Gornictwo Naftowe i Ga	1000.	Samcheok Blue Power Co Ltd
847.	NMDC Ltd	924.	Portland General Electric Co	1001.	Samruk-Energy JSC
848.	Noble Group Ltd	925.	POSCO Engineering & Constructi	1002.	San Miguel Corp
849.	North Weijiamao Coal Industry	926.	POSCO Holdings Inc	1003.	Saratoga Investama Sedaya Tbk
850.	Northern Coalfields Ltd	927.	Posco International Corp	1004.	Sarda Energy & Minerals Ltd
851.	Northern States Power Co/MN	928.	Power Assets Holdings Ltd	1005.	Sasol Financing International
852.	Northumbrian Water Finance PLC	929.	Power Construction Corp of Chi	1006.	Sasol Financing USA LLC
853.	Northumbrian Water Group Ltd	930.	Power Construction Corp of Chi	1007.	Sasol Ltd
854.	North-West Power Generation Co	931.	Power Finance Corp Ltd	1008.	Saxonvale Coal Pty Ltd
855.	NorthWestern Corp	932.	Power Protective Re Ltd	1009.	SCANA Corp
856.	Nova Scotia Power Inc	933.	PPL Capital Funding Inc	1010.	SDIC Jincheng Energy Investmen
857.	NRG Energy Inc	934.	PPL Corp	1011.	Sdic Panjiang Power Generation
858.	NTPC Ltd	935.	PPL WEM Ltd / Western Power Di	1012.	SDIC Power Holdings Co Ltd
859.	NTPC Mining Ltd	936.	Prakash Industries Ltd	1013.	Sembcorp Industries Ltd
860.	NTPC-SAIL Power Co Ltd	937.	Press Metal Aluminium Holdings	1014.	SemGroup Corp
861.	NuCoal Resources Ltd	938.	Progress Energy Inc	1015.	Semirara Mining & Power Corp
862.	Nusa Persada Resources PT	939.	PSEG Power LLC	1016.	Sengwa Colliery Ltd
863.	NWD Finance BVI Ltd	940.	PTT Global Chemical PCL	1017.	Seriti Power Pty Ltd
864.	NWD MTN Ltd	941.	PTT Mining Ltd	1018.	Seriti Resources Holdings Prop
865.	Oakbridge Pty Ltd	942.	PTT PCL	1019.	Severstal PAO
866.	OCI Co Ltd	943.	PTT Treasury Center Co Ltd	1020.	Shaanxi Coal & Chemical Indust
867.	Oddormeanchey Power Industrial	944.	Public Power Corp SA	1021.	Shaanxi Coal Industry Co Ltd
868.	Odisha Hydro Power Corp Ltd	945.	Public Service Co of Colorado	1022.	Shaanxi Energy Investment Co L
869.	Odisha Infrapower Ltd	946.	Public Service Co of New Mexic	1023.	Shaanxi Investment Group Co Lt
870.	Odisha Power Generation Corp L	947.	Public Service Co of Oklahoma	1024.	Shaanxi Investment Group Zhao
871.	OGE Energy Corp	948.	Puget Energy Inc	1025.	Shaanxi Shaanxi Coal Chenghe M
872.	OGK-2 PJSC	949.	Puget Sound Energy Inc	1026.	Shaanxi Yanchang Petroleum Gro
873.	Oglethorpe Power Corp	950.	Qatar Electricity & Water Co Q	1027.	Shaanxi Yihua Mining Developme
874.	Okinawa Electric Power Co Inc/	951.	QCoal Pty Ltd	1028.	Shaanxi Yulin Energy Group Co
875.	Oklahoma Gas and Electric Co	952.	Qinhuangdao Power Generation C	1029.	Shaanxi Yulin Energy Group Hen
876.	OMERS Administration Corp	953.	Rajasthan Rajya Viduyt Utpadan	1030.	Shaanxi Zhongneng Coalfield Co
877.	OMERS Finance Trust	954.	Ramaco Carbon LLC	1031.	Shan Xi Hua Yang Group New Ene
878.	OneEnergy Ltd	955.	Ramaco Resources Inc	1032.	Shandong Chenming Paper Holdin
879.	OPG Power Ventures PLC	956.	Ramco Cements Ltd/The	1033.	Shandong Energy Co Ltd
880.	Oracle Power PLC	957.	RAO UES International JSC	1034.	Shandong Energy Group Co Ltd
881.	Origin Energy Finance Ltd	958.	Ratch Group PCL	1035.	Shandong Lutai Holding Group C
882.	Origin Energy Ltd	959.	Razrez Berezovski OOO	1036.	Shandong Weishanhu Mining Grou
883.	Orion Mining Pty Ltd	960.	Razrez Permyakovski OOO	1037.	Shandong Yili Power Co Ltd
884.	Orissa Integrated Power Ltd	961.	Razrez Yuzhny OOO	1038.	Shanduka Coal Pty Ltd
885.	ORIX Corp	962.	REA Finance BV	1039.	Shanghai Datun Energy Resource
886.	ORLEN Capital AB	963.	REA Holdings PLC	1040.	Shanghai Electric Power Co Ltd
887.	Osaka Gas Co Ltd	964.	Refrigeration Electrical Engin	1041.	Shanghai Electric Power Financ
888.	Otter Tail Corp	965.	Regency Energy Partners LP	1042.	Shanghai Shine Energy Co Ltd
889.	OVPH Ltd	966.	Reliance Infrastructure Ltd	1043.	Shanxi Coal Imp & Exp Group Co
890.	PacifiCorp	967.	Reliance Power Ltd	1044.	Shanxi Coal International Ener
891.	Paiton Energy PT	968.	Resource Alam Indonesia Tbk PT	1045.	Shanxi Coal Transportation & S
892.	Palm Concepcion Power Corp	969.	Resurs Holding AB	1046.	Shanxi Coking Co Ltd
893.	Pardee Resources Co	970.	Rey Resources Ltd	1047.	Shanxi Coking Coal Energy Grou
894.	Park Elektrik Uretim Madencil	971.	RGS AEGCO Funding Corp	1048.	Shanxi Coking Coal Group Co Lt
895.	Patratu Viduyt Utpadan Nigam L	972.	RGS I&M Funding Corp	1049.	Shanxi Fenxi Mining Industry G
896.	Peabody Energy Corp	973.	RH International Singapore Cor	1050.	Shanxi Fenxi Zhongtai Coal Co
897.	Peabody Securities Finance Cor	974.	Rio Energy International Inc	1051.	Shanxi Lanhua Coal Chemical In
898.	Pembangkitan Jawa-Bali PT	975.	Rio Tinto Alcan Inc	1052.	Shanxi Lanhua Coal Mining Grou
899.	Pench Thermal Energy MP Ltd	976.	Rio Tinto Finance PLC	1053.	Shanxi Lanhua Sci-Tech Venture
900.	Pendopo Energi Batubara PT	977.	Rio Tinto Finance USA Ltd	1054.	Shanxi Lu'an Environmental Ene
901.	Perennial Energy Holdings Ltd	978.	Rio Tinto Finance USA PLC	1055.	Shanxi Shigang Coal Industry C
902.	Perusahaan Perseroan Persero P	979.	Rio Tinto Ltd	1056.	Shendong Tianlong Group Co Ltd
903.	Petmin Ltd Somkhele Coal Mine	980.	Rio Tinto PLC	1057.	Shenergy Co Ltd
904.	Petroleum Trading Lao PCL	981.	RioZim Ltd	1058.	Shenergy Group Co Ltd
905.	PGE Gornictwo i Energetyka Kon	982.	Rmk Energy Tbk PT	1059.	Shenyang Jinshan Energy Co Ltd

1060. Shenzhen Energy Group Co Ltd  
 1061. Shikoku Electric Power Co Inc  
 1062. Shivee Ovoo JSC  
 1063. Shree Cement Ltd  
 1064. Shumba Energy Ltd  
 1065. Siam City Cement PCL  
 1066. Sibanthracite JSC  
 1067. Sibirskaia Ugolnaya Energetich  
 1068. Sichuan Chuantou Energy Co Ltd  
 1069. Sichuan Furong Industry Group  
 1070. Sichuan Hongda Group Co Ltd  
 1071. Sichuan Provincial Investment  
 1072. Siddiqsons Energy Ltd  
 1073. Sierra Coal Pty Ltd  
 1074. Sierra Pacific Power Co  
 1075. Silver Elephant Mining Corp  
 1076. Sinar Mas Group PT  
 1077. Sindh Engro Coal Mining Co Ltd  
 1078. Singareni Collieries Co Ltd/Th  
 1079. Sinopec Great Wall Energy & Ch  
 1080. SJVN Ltd  
 1081. SJVN Thermal Pvt Ltd  
 1082. SK Inc  
 1083. SKS Power Generation Chhattisg  
 1084. SMC Global Power Holdings Corp  
 1085. SMR Utama Tbk PT  
 1086. Sojitz Corp  
 1087. Song Hau 2 Coal Plant Vietnam  
 1088. South Carolina Public Service  
 1089. South Eastern Coalfields Ltd  
 1090. South32 Ltd  
 1091. South32 Treasury Ltd  
 1092. Southern Co Gas Capital Corp  
 1093. Southern Co/The  
 1094. Southern Coal Handling Co Inc  
 1095. SouthGobi Resources Ltd  
 1096. Southwestern Electric Power Co  
 1097. Southwestern Public Service Co  
 1098. SPIC 2016 US dollar Bond Co Lt  
 1099. Spic 2018 Usd Senior Perpetual  
 1100. SPIC Guizhou Jinyuan Co Ltd  
 1101. SPIC Industry-Finance Holdings  
 1102. SPIC Jiangxi Electric Power Co  
 1103. SPIC MTN Co Ltd  
 1104. Springboklaagte Mining Pty Ltd  
 1105. Springsure Mining Pty Ltd  
 1106. Stanmore Resources Ltd  
 1107. State Development & Investment  
 1108. State Power Investment Corp Lt  
 1109. State Street Corp  
 1110. Steel Capital SA  
 1111. Stora Enso Oyj  
 1112. Stratatech Mineral Resources P  
 1113. Stronghold Digital Mining Inc  
 1114. Stroyservis ZAO  
 1115. SUAM Finance BV  
 1116. Suek Securities DAC  
 1117. Suek-Khakassia LLC  
 1118. SUEK-Kuzbass  
 1119. Sulawesi Mining Investment PT  
 1120. Sultan Energy Philippines Corp  
 1121. Sumitomo Chemical Co Ltd  
 1122. Sumitomo Corp  
 1123. Sundiro Holding Co Ltd  
 1124. Sunflag Iron & Steel Co Ltd  
 1125. Sunoco Logistics Partners Oper  
 1126. Sunpower Group Ltd  
 1127. Sunvim Group Co Ltd  
 1128. SURA Asset Management SA  
 1129. Swaziland Electricity Co Ltd  
 1130. Swissport Financing Sarl  
 1131. Taiwan Cement Corp  
 1132. Taiwan Cogeneration Corp  
 1133. Taldinskaya Mining Co OOO  
 1134. Talen Energy Corp  
 1135. Talen Energy Supply LLC  
 1136. Taltek UK Ltd  
 1137. TamilNadu Generation & Distrib  
 1138. Tampa Electric Co  
 1139. Tanjung Jati Power Co PT  
 1140. Tata Power Co Ltd/The  
 1141. Tata Steel BSL Ltd  
 1142. Tata Steel Long Products Ltd  
 1143. Tata Steel Ltd  
 1144. Tauron Polska Energia SA  
 1145. Tavanir  
 1146. TBS Energi Utama Tbk PT  
 1147. TCC International Holdings Ltd  
 1148. Tebian Electric Apparatus Stoc  
 1149. Teck Resources Ltd  
 1150. TECO Energy Inc  
 1151. Telangana State Power Generati  
 1152. Tenaga Nasional Bhd  
 1153. Tendele Coal Mining Pty Ltd  
 1154. Tennessee Valley Authority  
 1155. Tepian Indah Sukses PT  
 1156. Terra Mauricio Ltd  
 1157. Terracom Ltd  
 1158. Texas Competitive Electric Hol  
 1159. Texhong Industrial Park Vietna  
 1160. Texhong International Group Lt  
 1161. TGC-1 PJSC  
 1162. Thai Oil PCL  
 1163. Thaioil Treasury Center Co Ltd  
 1164. Thar Energy LLC  
 1165. Tharisa PLC  
 1166. THDC India Ltd  
 1167. Thebe Investment Corp Pty Ltd  
 1168. Thermal Power Plant No 2 Jsc  
 1169. Thungela Resources Ltd  
 1170. Timah Tbk PT  
 1171. Titan Infra Energy PT  
 1172. Titan Mining Corp  
 1173. TNB Global Ventures Capital Bh  
 1174. Tohoku Electric Power Co Inc  
 1175. Tokyo Century Corp  
 1176. Tokyo Electric Power Co Holdin  
 1177. Top Energy Co Ltd Shanxi  
 1178. Top Frontier Investment Holdin  
 1179. Torrent Power Ltd  
 1180. Towngas Finance Ltd  
 1181. Toyo Ventures Holdings Bhd  
 1182. TPI Polene PCL  
 1183. TPI Polene Power PCL  
 1184. Trada Alam Minera Tbk PT  
 1185. Trafigura Group Pte Ltd  
 1186. TransAlta Corp  
 1187. Trillium Windpower LP  
 1188. Tri-State Generation and Trans  
 1189. Truba Bara Banyu Enim PT  
 1190. Tucson Electric Power Co  
 1191. Turkish Coal Enterprise  
 1192. Tyvinskaya Gornorudnaya Co OOO  
 1193. UBE Corp  
 1194. Udupi Power Corp Ltd  
 1195. Ugo'naya Kompaniya Yuzhnyy Ku  
 1196. UK Kuzbassrazrezugol AO  
 1197. Umcebo Mining Pty Ltd  
 1198. Unicorn Capital Partners Ltd  
 1199. Union Electric Co  
 1200. Uniper SE  
 1201. Unipro PJSC  
 1202. United Co RUSAL International  
 1203. United Tractors Tbk PT  
 1204. Universal Coal Development I P  
 1205. Universal Coal PLC  
 1206. UPM-Kymmene Oyj  
 1207. Ural Mining and Metallurgical  
 1208. Urgalugol OAO  
 1209. Uttar Pradesh Rajya Vidyut Utp  
 1210. Uzbekenergo SJSC  
 1211. Uzbekugol OJSC  
 1212. Vale Mocambique SA  
 1213. Vale Overseas Ltd  
 1214. Vale SA  
 1215. Van Phong Power Co Ltd  
 1216. Vattenfall AB  
 1217. Vectren Corp  
 1218. Vedanta Ltd  
 1219. Vedanta Resources Finance II P  
 1220. Vedanta Resources Ltd  
 1221. Verbund AG  
 1222. Vibrant Group Ltd  
 1223. Viesgo Infraestructuras Energe  
 1224. Vietnam National Coal & Minera  
 1225. Vietnam Oil & Gas Group  
 1226. Vinacomin - Ha Tu Coal JSC  
 1227. Vinacomin - Mong Duong Coal JS  
 1228. Vinacomin - Nui Beo Coal JSC  
 1229. Vinacomin Cao Son Coal JSC  
 1230. Vinacomin Coc Sau Coal JSC  
 1231. Vinacomin Deo Nai Coal JSC  
 1232. Vinacomin Vang Danh Coal JSC  
 1233. Vinh Tan 3 Coal Plant Vietnam  
 1234. Virginia Electric and Power Co  
 1235. Vistra Corp  
 1236. Vistra Operations Co LLC  
 1237. Viterra Canada Inc  
 1238. Vung Ang 2 Thermal Power JSC  
 1239. Walsin Nickel Industrial Indon  
 1240. Wandoan Coal Deposit  
 1241. Wanji Holding Group Co Ltd  
 1242. Waratah Coal Pty Ltd  
 1243. Warrior Met Coal Inc  
 1244. Washington H Soul Pattinson &  
 1245. WEC Energy Group Inc  
 1246. Wescoal Mining Pty Ltd  
 1247. West Bengal Power Development  
 1248. Western Coalfields Ltd  
 1249. Westmoreland Coal Co  
 1250. Westmoreland Mining LLC  
 1251. Westmoreland Rosebud Mining LL  
 1252. WHA Corp PCL  
 1253. WHA Utilities and Power PCL  
 1254. Whitehaven Coal Ltd  
 1255. Wilpinjong Coal Pty Ltd  
 1256. Wintime Energy Co Ltd  
 1257. Wisconsin Electric Power Co  
 1258. Wisconsin Power and Light Co  
 1259. Wisconsin Public Service Corp  
 1260. Xcel Energy Inc  
 1261. Xiamen Huaxia International EI  
 1262. Xinfu Group Co Ltd  
 1263. Xinjiang Energy Co Ltd  
 1264. Xinjiang Lu'an Xiexin Zhudong  
 1265. Xinjiang Shenxin Development C  
 1266. Xinjiang Tianchi Energy Co Ltd  
 1267. Xinjiang Tianye Group Co Ltd  
 1268. Xinjiang Turpan Xingliang Mini  
 1269. Xinjiang Zhongtai Chemical Co  
 1270. Xukuang Group Xinjiang Sai'er  
 1271. Xuzhou Mining Business Group C  
 1272. Yacimientos Carboniferos Rio T  
 1273. Yanan Energy & Chemical Group  
 1274. Yancoal Australia Ltd  
 1275. Yancoal International Resource  
 1276. Yangquan Coal Industry Group O  
 1277. Yankuang Energy Group Co Ltd  
 1278. Yankuang Group Cayman Ltd  
 1279. Yaojie Coal & Power Ltd Co  
 1280. Yazdani International P Ltd  
 1281. Yazdani Steel & Power Ltd  
 1282. Yenisei Territorial Generating  
 1283. Yildirim Holding Inc  
 1284. YilMaden Holding AS  
 1285. Yima Coal Industry Group Co Lt  
 1286. Yorkshire Electricity Group PL  
 1287. Yorkshire Power Finance Ltd  
 1288. YTL Corp Bhd  
 1289. YTL Power International Bhd  
 1290. Yunnan Provincial Energy Inves

1291. Yunnan Provincial Investment H  
 1292. Zesa Holdings Pvt Ltd  
 1293. Zespol Elekrowni Patnow Adamo  
 1294. Zhanjiang Power Co Ltd  
 1295. Zhejiang Hangmin Co Ltd  
 1296. Zhejiang Provincial Energy Gro  
 1297. Zhejiang Southeast Electric Po  
 1298. Zhejiang Zheneng Electric Powe  
 1299. Zhengzhou Coal Industry & Elec  
 1300. Zhongmei Heilongjiang Coal Che  
 1301. Zhongzheng International Co Lt  
 1302. Zimbabwe Power Co Pvt Ltd  
 1303. Zorlu Enerji Elektrik Uretim A  
 1304. Zungu Investments Co Pty Ltd

## Oil and Gas (climate)

1. 3R PETROLEUM OLEO E GAS SA  
 2. ABP Energy Holding BV  
 3. ABP Finance PLC  
 4. Abraxas Petroleum Corp  
 5. Abu Dhabi Crude Oil Pipeline L  
 6. Abu Dhabi National Energy Co P  
 7. Abu Dhabi National Oil Co  
 8. Abu Dhabi Ports Co PJSC  
 9. ACWA Power Co  
 10. Acwa Power Management And Inve  
 11. Adams Resources & Energy Inc  
 12. Adani Enterprises Ltd  
 13. Adani Ports & Special Economic  
 14. Adani Total Gas Ltd  
 15. ADS Maritime Holding PLC  
 16. Advantage Energy Ltd  
 17. Aegis Logistics Ltd  
 18. Aenza SAA  
 19. AES Andres BV  
 20. AES Andres Dominicana Ltd  
 21. AES Argentina Generacion SA  
 22. AES Corp/The  
 23. AES El Salvador Trust II  
 24. AES Panama Generation Holdings  
 25. Agility Public Warehousing Co  
 26. AGL Energy Ltd  
 27. Al Candelaria Spain SA  
 28. Aker BP ASA  
 29. AKR Corporindo Tbk PT  
 30. Aksa Enerji Uretim AS  
 31. Albanesi SA  
 32. Alberta Energy Co Ltd  
 33. Aldrees Petroleum and Transpor  
 34. Alexandria Mineral Oils Co  
 35. Alfa Enerji Investama Tbk PT  
 36. Alfa SAB de CV  
 37. Algoma Central Corp  
 38. Alliance Holdings GP LP  
 39. Alliance Oil Co Ltd  
 40. Alliance Pipeline LP/United St  
 41. Alliance Resource Partners LP  
 42. AltaGas Ltd  
 43. Altera Infrastructure LP  
 44. Altera Shuttle Tankers LLC  
 45. Alvo Petro Energy Ltd/CA  
 46. Ameredev II LLC  
 47. American Tanker Inc  
 48. AmeriGas Finance LLC  
 49. Amplify Energy Corp  
 50. Ampol Ltd  
 51. AMSC ASA  
 52. Anadarko Petroleum Corp  
 53. Anan International Ltd  
 54. Andeavor  
 55. Andeavor Logistics LP

56. Anglo Pacific Group PLC/Austra  
 57. AntarChile SA  
 58. Antero Midstream Corp  
 59. Antero Midstream Partners LP  
 60. Antero Resources Corp  
 61. APA Corp  
 62. APA Group  
 63. APA Infrastructure Ltd  
 64. Apache Corp  
 65. Apetra NV  
 66. ARC Resources Ltd  
 67. Ardmore Shipping Corp  
 68. Arrow Exploration Corp  
 69. Ascent Resources - Utica LLC  
 70. Ascent Resources Utica Holding  
 71. Associated British Ports Holdi  
 72. Astra International Tbk PT  
 73. Atco Ltd/Canada  
 74. Athabasca Oil Corp  
 75. Atlas Corp  
 76. Atmos Energy Corp  
 77. Australian Gas Networks Ltd  
 78. Australis Oil & Gas Ltd  
 79. Avance Gas Holding Ltd  
 80. AVIC Industry-Finance Holdings  
 81. AWE Ltd  
 82. Awilco LNG AS  
 83. Aygaz AS  
 84. B Grimm Power PCL  
 85. Baltimore Gas and Electric Co  
 86. Bangchak Corp PCL  
 87. Banpu PCL  
 88. Barito Pacific Tbk PT  
 89. BASF Finance Europe NV  
 90. BASF SE  
 91. Bashneft PJSC  
 92. Baskent Dogalgaz Dagitim Gayri  
 93. Battalion Oil Corp  
 94. Baytex Energy Corp  
 95. Baytex Energy LP  
 96. Beach Energy Ltd  
 97. Befar Group Co Ltd  
 98. Beibuwan Port Co Ltd  
 99. Beijing Jingneng Clean Energy  
 100. Berkshire Hathaway Energy Co  
 101. Berkshire Hathaway Finance Cor  
 102. Berkshire Hathaway Inc  
 103. Berlian Laju Tanker Tbk PT  
 104. Berry Corp  
 105. Berry Petroleum Co LLC  
 106. Bestway Marine & Energy Techno  
 107. BG Energy Capital PLC  
 108. Bharat Petroleum Corp Ltd  
 109. BHP Billiton Finance Ltd  
 110. BHP Billiton Finance USA Ltd  
 111. BHP Group Ltd  
 112. BHP Group UK LTD  
 113. Bidvest Group Ltd/The  
 114. Bidvest Group UK PLC/The  
 115. Biglari Holdings Inc  
 116. Birchcliff Energy Ltd  
 117. Black Hills Corp  
 118. Black Stone Minerals LP  
 119. BlackPearl Resources Inc  
 120. Blue Racer Midstream LLC  
 121. Blue Racer Midstream LLC / Blu  
 122. Bluestar Finance Holdings Ltd  
 123. BNSF Funding Trust I  
 124. Boardwalk Pipeline Partners LP  
 125. Boardwalk Pipelines LP  
 126. Bollere SE  
 127. Bonanza Creek Energy Resources  
 128. Bonavista Energy Corp  
 129. Bonterra Energy Corp  
 130. Borkum Riffgrund 2 Investor Ho  
 131. Boston Gas Co  
 132. BP Capital Markets America Inc

133. BP Capital Markets BV  
 134. BP Capital Markets PLC  
 135. BP PLC  
 136. BPRL International Singapore P  
 137. Brigham Minerals Inc  
 138. Brightoil Petroleum Holdings L  
 139. Brookfield Business Partners L  
 140. Brookfield Corp  
 141. Brookfield Finance I UK Plc  
 142. Brookfield Finance Inc  
 143. Brookfield Infrastructure Fina  
 144. Brookfield Infrastructure Fina  
 145. Brookfield Infrastructure Part  
 146. Brookfield WEC Holdings Inc  
 147. Bruin E&P Partners LLC  
 148. Buana Lintas Lautan Tbk PT  
 149. Buckeye Partners LP  
 150. Bulgarian Energy Holding EAD  
 151. Burlington Northern Santa Fe L  
 152. Burlington Resources LLC  
 153. Buru Energy Ltd  
 154. BW Energy Ltd  
 155. BW Group Ltd  
 156. BW LPG Ltd  
 157. Caiman Energy LLC  
 158. Cairn India Ltd  
 159. Caisse de Depot et Placement d  
 160. CalEnergy LLC  
 161. California Resources Corp  
 162. Callon Petroleum Co  
 163. Calpine Corp  
 164. Calumet Specialty Products Par  
 165. Cameron LNG LLC  
 166. Canacol Energy Ltd  
 167. Canadian National Railway Co  
 168. Canadian Natural Resources Ltd  
 169. Canadian Oil Sands Ltd  
 170. Canadian Pacific Railway Co  
 171. Canadian Pacific Railway Ltd  
 172. Canadian Utilities Ltd  
 173. Canvas Energy Inc  
 174. Capex SA  
 175. Capital Power Corp  
 176. Capricorn Energy PLC  
 177. Cardinal Energy Ltd  
 178. Cargill Inc  
 179. Carlyle Finance LLC  
 180. Carlyle Finance Subsidiary LLC  
 181. Carlyle Group Inc/The  
 182. Carlyle Holdings II Finance LL  
 183. Carrizo Oil & Gas Inc  
 184. Castor Maritime Inc  
 185. CDBL Funding 1  
 186. CDBL Funding 2  
 187. CDP Financial Inc  
 188. Ceagro Agricola Ltda  
 189. Cenovus Energy Inc  
 190. Centennial Resource Developmen  
 191. CenterPoint Energy Inc  
 192. CenterPoint Energy Transition  
 193. Central Petroleum Ltd  
 194. Central Puerto SA  
 195. Centrica PLC  
 196. Cepco Finance SA  
 197. Cequence Energy Ltd  
 198. CGN New Energy Holdings Co Ltd  
 199. Challenger Exploration Ltd  
 200. Chandra Asri Petrochemical Tbk  
 201. Channel Infrastructure NZ Ltd  
 202. Channel Link Enterprises Finan  
 203. Chembulk Holding LLC  
 204. Cheniere Corpus Christi Holdin  
 205. Cheniere Energy Inc  
 206. Cheniere Energy Partners LP  
 207. Chennai Petroleum Corp Ltd  
 208. Chesapeake Energy Corp  
 209. Chesapeake Granite Wash Trust

210.	Chesapeake Utilities Corp	287.	ConocoPhillips Co	364.	Edison SpA
211.	Chevron Corp	288.	Conpet SA Ploiesti	365.	Egypt Kuwait Holding Co SAE
212.	Chevron USA Inc	289.	Consolidated Edison Inc	366.	El Paso LLC
213.	China COSCO Shipping Corp Ltd	290.	Contango Oil & Gas Co	367.	El Paso Pipeline Partners Oper
214.	China Development Bank Financi	291.	Continental Resources Inc/OK	368.	EL5-ENERO PJSC
215.	China Gas Holdings Ltd	292.	ContourGlobal LP	369.	Eland Oil & Gas Ltd
216.	China Huadian Corp Ltd	293.	Cooper Energy Ltd	370.	Elco Ltd
217.	China Huaneng Group Co Ltd	294.	Corp Financiera Nacional-CFN	371.	Elecnor SA
218.	China Huaneng Group Hong Kong	295.	Corporativo Grupo Imsa SA de C	372.	Electra Power Ltd
219.	China Merchants Energy Shippin	296.	Corral Petroleum Holdings AB	373.	Electricity Generating PCL
220.	China Merchants Group Ltd	297.	Cosan Ltd	374.	Elnusa Tbk PT
221.	China Merchants Port Group Co	298.	Cosan Luxembourg SA	375.	Emera Inc
222.	China National Chemical Corp L	299.	Cosan Overseas Ltd	376.	Emera US Finance LP
223.	China National Offshore Oil Co	300.	Cosan SA	377.	Emerald Bay SA
224.	China National Petroleum Corp	301.	Cosco Capital Inc	378.	Empire Petroleum Corp
225.	China Oil & Gas Group Ltd	302.	COSCO SHIPPING Development Co	379.	Empresa Generadora de Electric
226.	China Petrochemical Corp	303.	COSCO SHIPPING Energy Transpor	380.	Empresa Nacional del Petroleo
227.	China Petroleum & Chemical Cor	304.	Cosmo Energy Holdings Co Ltd	381.	Empresas Copec SA
228.	China Power Clean Energy Devel	305.	Cosmo Oil Co Ltd	382.	Enable Midstream Partners LP
229.	China Railway Construction Cor	306.	Coterra Energy Inc	383.	Enagas Financiaciones SA
230.	China Shenhua Energy Co Ltd	307.	Covey Park Energy LLC	384.	Enagas SA
231.	China Shenhua Overseas Capital	308.	CRCC Hean Ltd	385.	Enauta Participacoes SA
232.	China Suntien Green Energy Cor	309.	Crescent Energy Co	386.	Enbridge Energy Management LLC
233.	Chinese Maritime Transport Ltd	310.	Crescent Point Energy Corp	387.	Enbridge Energy Partners LP
234.	Chinook Energy Inc	311.	Crestwood Equity Partners LP	388.	Enbridge Gas Distribution Inc
235.	Chord Energy Corp	312.	Crestwood Holdings LLC	389.	Enbridge Gas Inc
236.	Cia Espanola de Petroleos SA	313.	Crestwood Midstream Partners L	390.	Enbridge Inc
237.	Cia General de Combustibles SA	314.	Crew Energy Inc	391.	Enbridge Income Fund Holdings
238.	Ciclo Combinado Tierra Mojada	315.	CrownRock LP / CrownRock Finan	392.	Enbridge Pipelines Inc
239.	Cie de L'Odet SE	316.	CSX Corp	393.	Enbridge Southern Lights LP
240.	Cikarang Listrindo Tbk PT	317.	CU Inc	394.	Encino Acquisition Partners Ho
241.	Cimarex Energy Co	318.	Cullen/Frost Bankers Inc	395.	Endeavor Energy Resources LP /
242.	Cimarex Resolute LLC	319.	CVR Energy Inc	396.	Enel Generacion Costanera SA
243.	Citgo Holding Inc	320.	Cydsa SAB de CV	397.	ENEOS Holdings Inc
244.	CITGO Petroleum Corp	321.	D/S Norden A/S	398.	Enercare Inc
245.	CITIC Corp Ltd	322.	Dagang NeXchange Bhd	399.	Energean Israel Finance Ltd
246.	CITIC Ltd	323.	d'Amico International Shipping	400.	Energean PLC
247.	CITIC Resources Holdings Ltd	324.	Dana Gas PJSC	401.	Energen Corp
248.	Citrus LLC	325.	Datamonitor PLC	402.	Energeticky a Prumyslovoy Holdi
249.	Civitas Resources Inc	326.	DCP Midstream LP	403.	Energi Mega Persada Tbk PT
250.	CK Power PCL	327.	DCP Midstream Operating LP	404.	Energir Inc
251.	Clean Energy Fuels Corp	328.	DEA Finance Sarl	405.	Energir LP
252.	Cleco Corporate Holdings LLC	329.	Delek & Avner Tamar Bond Ltd	406.	Energuate Trust
253.	Cleco Power LLC	330.	Delek Group Ltd	407.	Energy Transfer LP
254.	CNAC HK Finbridge Co Ltd	331.	Delek US Holdings Inc	408.	Energy Transfer Operating LP
255.	CNAC HK Synbridge Co Ltd	332.	Delta Air Lines Inc	409.	Energy Ventures Gom LLC
256.	CNOOC Curtis Funding No 1 Pty	333.	Denbury Inc	410.	Energy World Corp Ltd
257.	CNOOC Finance 2003 Ltd	334.	Deutsche Rohstoff AG	411.	Enerplus Corp
258.	CNOOC Finance 2011 Ltd	335.	Devon Energy Corp	412.	Eneva SA
259.	CNOOC Finance 2012 Ltd	336.	DHT Holdings Inc	413.	EnfraGen Energia Sur SA / Enfr
260.	CNOOC Finance 2013 Ltd	337.	Diamond S Shipping Inc	414.	Engie Alliance GIE
261.	CNOOC Finance 2014 ULC	338.	Diamondback Energy Inc	415.	Engie Brasil Energia SA
262.	CNOOC Finance 2015 Australia P	339.	Distinction Energy Corp	416.	Engineers India Ltd
263.	CNOOC Finance 2015 USA LLC	340.	Diversified Energy Co PLC	417.	Engro Corp Ltd/Pakistan
264.	CNOOC Ltd	341.	DNO ASA	418.	Eni Finance International SA
265.	CNOOC Petroleum North America	342.	DNO North Sea PLC	419.	Eni SpA
266.	CNPC Capital Co Ltd	343.	Dogan Sirketler Grubu Holding	420.	Eni USA Inc
267.	CNPC General Capital Ltd	344.	Dolphin Energy Ltd LLC	421.	EnLink Midstream LLC
268.	CNPC Global Capital Ltd	345.	Dominion Energy Inc	422.	EnLink Midstream Partners LP
269.	CNPC HK Overseas Capital Ltd	346.	Dommo Energia SA	423.	ENN Clean Energy International
270.	CNRC Capitale Ltd	347.	Dorchester Minerals LP	424.	ENN Energy Holdings Ltd
271.	CNX Midstream Partners LP	348.	Dorian LPG Ltd	425.	ENN Natural Gas Co Ltd
272.	CNX Resources Corp	349.	DR Horton Inc	426.	EnQuest PLC
273.	Coal India Ltd	350.	DTE Energy Co	427.	Entergy Corp
274.	Colbun SA	351.	DTEK BV	428.	Entergy Louisiana LLC
275.	Colgate Energy Partners III LL	352.	DTEK Finance PLC	429.	Entergy Mississippi LLC
276.	Colonial Pipeline Co	353.	Duke Energy Corp	430.	Enterprise Products Operating
277.	Colorado Interstate Gas Co LLC	354.	Duke Energy Florida LLC	431.	Enterprise Products Partners L
278.	Columbia Pipeline Group Inc	355.	Duke Energy Florida Project Fi	432.	Enven Energy Corp
279.	Cometa Energia SA de CV	356.	Duke Energy Ohio Inc	433.	EOG Resources Inc
280.	Comstock Resources Inc	357.	Duke Energy Progress LLC	434.	EP Energy Corp
281.	Concho Resources Inc	358.	Duke Energy Services Inc	435.	EP Energy LLC / Everest Acquis
282.	Concordia Maritime AB	359.	E1 Corp	436.	EP Infrastructure AS
283.	Connacher Oil and Gas Ltd	360.	Earthstone Energy Inc	437.	Epsilon Energy Ltd
284.	Conoco Funding Co	361.	Eastern Energy Gas Holdings LL	438.	EQM Midstream Partners LP
285.	ConocoPhillips	362.	EBN BV	439.	EQT Corp
286.	ConocoPhillips Canada Funding	363.	Ecopetrol SA	440.	Equinor ASA

441. Equital Ltd  
442. Equitrans Midstream Corp  
443. Erdoel-Lagergesellschaft mbH  
444. ERM Power Investments Pty Ltd  
445. ERVIA  
446. Esso SA Francaise  
447. Esso Thailand PCL  
448. Etablissements Maurel et Prom  
449. ETC Sunoco Holdings LLC  
450. ETP Legacy LP  
451. Euronav NV  
452. Eustream AS  
453. Evolution Petroleum Corp  
454. EWE AG  
455. Excelerate Energy Inc  
456. EXCO Resources Inc  
457. Exmar Netherlands BV  
458. Exmar NV  
459. Extraction Oil & Gas Holdings  
460. Extraction Oil & Gas Inc  
461. Exxon Mobil Corp  
462. FAR Ltd  
463. Far-Eastern Shipping Co PLC  
464. FEL Energy VI Sarl  
465. Fenix Power Peru SA  
466. Fermaca Enterprises S de RL de  
467. First Gen Corp  
468. First Philippine Holdings Corp  
469. FLEX LNG Ltd  
470. Florida Gas Transmission Co LL  
471. Florida Power & Light Co  
472. Flughafen Zurich AG  
473. Fluxys Belgium SA  
474. Fomento de Construcciones y Co  
475. Foran Energy Group Co Ltd  
476. Forest City Realty Trust Inc  
477. Formosa Petrochemical Corp  
478. Fortress Transportation and In  
479. Fortune Star BVI Ltd  
480. Fosun International Ltd  
481. Franco-Nevada Corp  
482. Freedom Oil and Gas Ltd  
483. Freehold Royalties Ltd  
484. FREIF North American Power I L  
485. Frontera Energy Corp  
486. Frontline PLC  
487. Fuji Oil Co Ltd  
488. GAIL India Ltd  
489. Galp Energia SGPS SA  
490. Gamma Civic Ltd  
491. GAS Networks Ireland  
492. GasLog Ltd  
493. Gaz Capital SA  
494. GAZ Finance PLC  
495. Gaz Metropolitan & Co LP  
496. Gazprom Neft PJSC  
497. Gazprom PJSC  
498. Gazprombank JSC  
499. GC Treasury Center Co Ltd  
500. Gear Energy Ltd  
501. Genel Energy Finance 2 Ltd  
502. Genel Energy Finance 4 PLC  
503. Genel Energy Plc  
504. Generacion Mediterranea SA  
505. Generacion Mediterranea SA / G  
506. Genesee & Wyoming Inc  
507. Genesis Energy LP  
508. Genesis Energy Ltd  
509. Genting Bhd  
510. Geopark Ltd  
511. Georgian Railway JSC  
512. Getlink SE  
513. Gibson Energy Inc  
514. GKE Corp Ltd  
515. GL Ltd  
516. Glencore Capital Finance DAC  
517. Glencore Finance Canada Ltd  
518. Glencore Finance Dubai Ltd  
519. Glencore Finance Europe Ltd  
520. Glencore Funding LLC  
521. Glencore PLC  
522. Global Partners LP/MA  
523. Global Power Synergy PCL  
524. Globaltrans Investment PLC  
525. GMexico Transportes SAB de CV  
526. GNL Quintero SA  
527. Gohl Capital Ltd  
528. Golar LNG Ltd  
529. Golar LNG Partners LP  
530. Goodrich Petroleum Corp  
531. GPN Capital SA  
532. Gran Tierra Energy Inc  
533. Gran Tierra Energy Internation  
534. Grand Gulf Energy Ltd  
535. Grand River Dam Authority  
536. Granite Oil Corp  
537. Great Eastern Shipping Co Ltd/  
538. Great Western Petroleum LLC /  
539. Grindrod Ltd  
540. Grindrod Shipping Holdings Ltd  
541. Grupa Lotos SA  
542. Grupo Carso SAB de CV  
543. Grupo Energia Bogota SA ESP  
544. Grupo Financiero Inbursa SAB d  
545. Grupo Idesa SA de CV  
546. Grupo Mexico SAB de CV  
547. GS Caltex Corp  
548. GS Holdings Corp  
549. Guangdong Shaoneng Group Co Lt  
550. Guanghui Energy Co Ltd  
551. Guangshen Railway Co Ltd  
552. Guangxi Guidong Electric Power  
553. Gujarat Pipavav Port Ltd  
554. Gujarat State Petronet Ltd  
555. Gulf Energy Development PCL  
556. Gulf Keystone Petroleum Ltd  
557. Gulfport Energy Operating Corp  
558. Gulfstream Natural Gas System  
559. Guoco Group Ltd  
560. Hafnia Ltd  
561. HAL Trust  
562. Hanwha Solutions Corp  
563. Hanwha Totalenergies Petrochem  
564. Harbour Energy PLC  
565. Harim Holdings Co Ltd  
566. Harvest Midstream I LP  
567. Harvest Operations Corp  
568. Hawaiian Electric Industries I  
569. HD Hyundai Co Ltd  
570. Headwater Exploration Inc  
571. Hebei Construction & Investmen  
572. Helix Energy Solutions Group I  
573. HELLENIQ ENERGY HOLDINGS S.A.  
574. Hengyi Petrochemical Co Ltd  
575. Hengyuan Refining Co Bhd  
576. Hess Corp  
577. Hess Infrastructure Partners L  
578. Hess Midstream LP  
579. Hess Midstream Operations LP  
580. HF Sinclair Corp  
581. Hibiscus Petroleum Bhd  
582. HighPeak Energy Inc  
583. HighPoint Operating Corp  
584. Hilcorp Energy Co  
585. Hilcorp Energy I LP / Hilcorp  
586. Hindustan Oil Exploration Co L  
587. Hindustan Petroleum Corp Ltd  
588. Hiroshima Gas Co Ltd  
589. HitecVision AS  
590. HK Electric Investments & HK E  
591. HKCG Finance Ltd  
592. HKN Energy Ltd  
593. HMM Co Ltd  
594. HNA Group Co Ltd  
595. Hoegh LNG Holdings Ltd  
596. Hoegh LNG Partners LP  
597. Holdigaz  
598. Holly Energy Partners LP  
599. HollyFrontier Corp  
600. Hong Kong & China Gas Co Ltd  
601. Hongkong Electric Co Ltd/The  
602. Hongkong Electric Finance Ltd  
603. Horizon Oil Ltd  
604. HPCL-Mittal Energy Ltd  
605. Hub Power Co Ltd/The  
606. Hunt Oil Co of Peru LLC Sucurs  
607. Hunter Group ASA  
608. Hunter Technology Corp  
609. Hunting PLC  
610. Hurricane Energy PLC  
611. Husky Oil Ltd  
612. HY Energy Group Co Ltd  
613. HYUNDAI Corp  
614. Hyundai Glovis Co Ltd  
615. Icahn Enterprises Finance Corp  
616. Icahn Enterprises LP  
617. ICTSI Treasury BV  
618. Idemitsu Kosan Co Ltd  
619. IGS Energy PLC  
620. Iino Kaiun Kaisha Ltd  
621. Imperial Oil Ltd  
622. Indian Oil Corp Ltd  
623. Indigo Natural Resources LLC  
624. INEOS AG  
625. INEOS Finance PLC  
626. Ineos Group Holdings Ltd  
627. INEOS Group Holdings SA  
628. Ineos Group Ltd  
629. Infraestructura Energetica Nov  
630. Inkia Energy Ltd  
631. Inpex Corp  
632. InPlay Oil Corp  
633. Inter Pipeline Ltd  
634. InterGen NV  
635. International Coal Holdings Pt  
636. International Container Termin  
637. International Petroleum Corp  
638. International Seaways Inc  
639. Interoil Exploration and Produ  
640. Ipek Dogal Enerji Kaynaklari A  
641. IRPC PCL  
642. Ithaca Energy North Sea PLC  
643. ITOCHU Corp  
644. Itochu Enex Co Ltd  
645. Jagged Peak Energy Inc  
646. Jagged Peak Energy LLC  
647. Japan Oil Transportation Co Lt  
648. Japan Petroleum Exploration Co  
649. Jardine Matheson Holdings Ltd  
650. Jefferies Financial Group Inc  
651. Jefferies Group LLC  
652. Jerusalem Oil Exploration  
653. Jindal Steel & Power Ltd  
654. JXK Oil & Gas PLC  
655. JMH Co Ltd  
656. John Sevier Combined Cycle Gen  
657. Jonah Energy LLC  
658. Journey Energy Inc  
659. JSW Infrastructure Ltd  
660. Kallpa Generacion SA  
661. Kamei Corp  
662. Kansas City Southern/Old  
663. Karoon Energy Ltd  
664. Katanga Mining Ltd  
665. Kawasaki Kisen Kaisha Ltd  
666. Kazmunaigaz Exploration Produc  
667. KazMunayGas National Co JSC  
668. KazTransGas JSC  
669. Kelt Exploration Ltd  
670. Kenan Advantage Group Inc/The  
671. Kenon Holdings Ltd/Singapore



672. Keyera Corp	749. Maxim Power Corp	826. Nippon Seiro Co Ltd
673. KeySpan Corp	750. MC Brazil Downstream Trading S	827. Nippon Yusen KK
674. Kimbell Royalty Partners LP	751. MDGH - GMTN BV	828. Noble Energy Inc
675. Kinder Morgan Energy Partners	752. MDGH GMTN RSC Ltd	829. Noble Group Ltd
676. Kinder Morgan Inc	753. MDU Resources Group Inc	830. Noranda Finance Inc
677. Kinder Morgan Kansas Inc	754. Medco Energi Internasional Tbk	831. Nordic American Tankers Ltd
678. Kinetik Holdings Inc	755. Medco Laurel Tree Pte Ltd	832. Nordic Shipholding A/S
679. Kingfa Sci & Tech Co Ltd	756. Medco Oak Tree Pte Ltd	833. Norfolk Southern Corp
680. Kirby Corp	757. Medco Platinum Road Pte Ltd	834. North Battleford Power LP
681. Kistos PLC	758. MEG Energy Corp	835. North Huajin Chemical Industri
682. Klaveness Combination Carriers	759. Melancthon Wolfe Wind LP	836. North West Redwater Partnershi
683. KNOT Offshore Partners LP	760. Merlin Aviation Holdings DAC	837. Northern Border Pipeline Co
684. KOC Holding AS	761. Mesquite Energy Inc	838. Northern Courier Pipeline LP
685. Kolibri Global Energy Inc	762. Midamerican Energy Holdings Co	839. Northern Electric Finance PLC
686. Koninklijke Vopak NV	763. Midland Cogeneration Venture L	840. Northern Natural Gas Co
687. Korea Gas Corp	764. Midwest Connector Capital Co L	841. Northern Oil and Gas Inc
688. Korea Line Corp	765. MIE Holdings Corp	842. Northern Star Generation LLC
689. Korea National Oil Corp	766. Milkyway Chemical Supply Chain	843. Northern States Power Co/MN
690. Kosmos Energy Ltd	767. Mime Petroleum AS	844. Northwest Airlines Corp/Old
691. Kot Addu Power Co Ltd	768. MISC Bhd	845. Northwest Natural Gas Co
692. Kowloon Development Co Ltd	769. Mississagi Power Trust	846. Northwest Natural Holding Co
693. KrisEnergy Ltd	770. Mississippi Power Co	847. Northwest Pipeline LLC
694. KSK Energy Ventures Ltd	771. Mitsubishi Corp	848. Norwegian Energy Co ASA
695. KUB Malaysia BHD	772. Mitsubishi Gas Chemical Co Inc	849. Nostrum Oil & Gas Finance BV
696. Kulim Energy Nusantara Sdn Bhd	773. Mitsui & Co Ltd	850. Nostrum Oil & Gas LP
697. Kunlun Energy Co Ltd	774. Mitsui OSK Lines Ltd	851. Nostrum Oil & Gas PLC
698. Lanzhou LS Heavy Equipment Co	775. MMC Finance DAC	852. NOVA Gas Transmission Ltd
699. Lapidoth Capital Ltd	776. MMC Norilsk Nickel PJSC	853. Novatek OAO Via Novatek Financ
700. LBC Tank Terminals Holding Net	777. MOL Hungarian Oil & Gas PLC	854. Novatek PJSC
701. LBC Tank Terminals LLC	778. Mong Duong Finance Holdings BV	855. Noverco Inc
702. Legacy Reserves Inc	779. Montage Resources Corp	856. Novorossiysk Commercial Sea Po
703. Legacy Reserves LP	780. Mosenergo PJSC	857. NS United Kaiun Kaisha Ltd
704. Leucrotta Exploration Inc	781. Moss Creek Resources Holdings	858. NSG Holdings LLC / NSG Holding
705. Leviathan Bond Ltd	782. Motiva Enterprises LLC	859. NTPC Ltd
706. LHN Ltd	783. Motor Oil Hellas Corinth Refin	860. Nucor Corp
707. Liaoning Cheng Da Co Ltd	784. MPLX LP	861. NuStar Energy LP
708. Liaoning Port Co Ltd	785. Mubadala Investment Co PJSC	862. NuStar Logistics LP
709. Linn Energy Inc	786. Murphy Oil Corp	863. NuVista Energy Ltd
710. Linn Energy LLC	787. MVM Energetika Zrt	864. Oasis Midstream Partners LP
711. Listrindo Capital BV	788. NACCO Industries Inc	865. Oasis Petroleum LLC
712. LLPL Capital Pte Ltd	789. Nakilat Inc	866. Obsidian Energy Ltd
713. Loews Corp	790. Naphtha Israel Petroleum Corp	867. Occidental Petroleum Corp
714. Lonestar Resources America Inc	791. National Fuel Gas Co	868. Ocean Wilsons Holdings Ltd
715. Lonestar Resources US Inc	792. National Gas & Industrializati	869. Ocean Yield AS
716. Lukoil Capital DAC	793. National Gas Transmission PLC	870. Odffjell SE
717. Lukoil International Finance B	794. National Grid North America In	871. OGGK-2 PJSC
718. LUKOIL PJSC	795. National JSC Naftogaz of Ukrai	872. Oglethorpe Power Corp
719. Lukoil Securities BV	796. National Refinery Ltd	873. Oil & Gas Development Co Ltd
720. LX INTERNATIONAL CORP	797. Natural Resource Partners LP	874. Oil & Natural Gas Corp Ltd
721. LYB Finance Co BV	798. Naturgy Energy Group SA	875. Oil and Gas Holding Co BSCC/Th
722. LYB International Finance BV	799. Naturgy Finance BV	876. Oil India International Pte Lt
723. LYB International Finance II B	800. Nautilus Inkia Holdings LLC	877. Oil India Ltd
724. LYB International Finance III	801. Navig8 Topco Holdings Inc	878. Oil Refineries Ltd
725. Lyondellbasell Advanced Polyme	802. Navigator Holdings Ltd	879. Oil Search Ltd
726. LyondellBasell Industries NV	803. Navios Maritime Acquisition Co	880. Oil Terminal SA
727. Madrilena Red de Gas Finance B	804. Navios Maritime Holdings Inc	881. OKEA ASA
728. Madrilena Red de Gas SA	805. Navios Maritime Partners LP	882. Okeanis Eco Tankers Corp
729. Magellan Midstream Partners LP	806. Nayara Energy Ltd	883. Oleo e Gas Participacoes SA
730. Magnolia Oil & Gas Corp	807. Nederlandse Gasunie NV	884. Oleoducto Central SA
731. Magnolia Oil & Gas Operating L	808. Neptune Energy Bondco PLC	885. OMERS Administration Corp
732. Magnora ASA	809. Neptune Energy Group Ltd	886. OMERS Finance Trust
733. Maha Energy AB	810. Neste Oyj	887. OMV AG
734. Malaysian Bulk Carriers Bhd	811. NET4GAS sro	888. OMV Petrom SA
735. Mamoura Diversified Global Hol	812. Network Rail Infrastructure Fi	889. ONEOK Inc
736. Mangalore Refinery & Petrochem	813. Network Rail Infrastructure Lt	890. ONEOK Partners LP
737. Manufacturers Life Insurance C	814. Nevada Power Co	891. ONGC Videsh Ltd
738. Manulife Finance Delaware LP	815. New Fortress Energy Inc	892. ONGC Videsh Vankorneft Pte Ltd
739. Manulife Financial Corp	816. New Hope Corp Ltd	893. OPC Energy Ltd
740. Marathon Oil Corp	817. New Jersey Resources Corp	894. OQ SAOC
741. Marathon Petroleum Corp	818. Newmed Energy LP	895. Orange Cogen Funding Corp
742. Mari Petroleum Co Ltd	819. NewOcean Energy Holdings Ltd	896. Origin Energy Finance Ltd
743. Martin Midstream Partners LP	820. NGD Holdings BV	897. Origin Energy Ltd
744. Marubeni Corp	821. NGL Energy Partners LP	898. ORLEN Capital AB
745. Maruwn Corp	822. NGPL PipeCo LLC	899. Orron Energy ab
746. Massachusetts Electric Co	823. Ninety One Ltd	900. Osaka Gas Co Ltd
747. Matador Resources Co	824. Ninety One PLC	901. Overseas Shipholding Group Inc
748. Maverick Natural Resources LLC	825. Ningbo Zhoushan Port Co Ltd	902. Ovintiv Canada ULC

903. Ovintiv Exploration Inc  
 904. Ovintiv Inc  
 905. PAA Finance Corp  
 906. Pacific Current Group Ltd  
 907. Painted Pony Energy Ltd  
 908. Pakistan Oilfields Ltd  
 909. Pakistan Petroleum Ltd  
 910. Pakistan State Oil Co Ltd  
 911. Pampa Energia SA  
 912. Pan American Energy Group SL  
 913. PAN American Energy SL Argenti  
 914. Pan Ocean Co Ltd  
 915. Pan Orient Energy Corp  
 916. Panoche Energy Center LLC  
 917. Panoro Energy ASA  
 918. Par Pacific Holdings Inc  
 919. Par Petroleum LLC / Par Petrol  
 920. Paramount Resources Ltd  
 921. Pardee Resources Co  
 922. Parex Resources Inc  
 923. Parkland Corp/Alberta  
 924. Parsley Energy Inc  
 925. Parsley Energy LLC  
 926. Partners Group Holding AG  
 927. Patterson-UTI Energy Inc  
 928. Paz Oil Co Ltd  
 929. PBF Energy Inc  
 930. PBF Holding Co LLC  
 931. PBF Logistics LP  
 932. PDC Energy Inc  
 933. Pelabuhan Indonesia Persero PT  
 934. Pembina Pipeline Corp  
 935. Pemex Project Funding Master T  
 936. Pengrowth Energy Corp  
 937. Penta CLO 6 DAC  
 938. Perennial Energy Holdings Ltd  
 939. Permian Resources Corp  
 940. Permian Resources Operating LL  
 941. Permianville Royalty Trust  
 942. Perpetual Energy Inc  
 943. Pertamina Persero PT  
 944. Peru LNG Srl  
 945. Perusahaan Gas Negara Tbk PT  
 946. Petro Rio SA  
 947. Petroamazonas EP  
 948. Petrobras Argentina SA  
 949. Petrobras Global Finance BV  
 950. Petro-Canada  
 951. PetroChina Co Ltd  
 952. Petrofac Ltd  
 953. Petrol AD  
 954. Petroleo Brasileiro SA  
 955. Petroleos de Venezuela SA  
 956. Petroleos del Peru SA  
 957. Petroleos Mexicanos  
 958. Petrolera Pampa SA  
 959. Petroliam Nasional Bhd  
 960. Petron Corp  
 961. Petron Malaysia Refining & Mar  
 962. Petronas Capital Ltd  
 963. Petronas Energy Canada Ltd  
 964. Petronas Gas Bhd  
 965. Petronet LNG Ltd  
 966. Petronor E&P ASA  
 967. PetroNor E&P Ltd  
 968. Petrorreconcavo SA  
 969. Petrorio Luxembourg Trading Sa  
 970. Peyto Exploration & Developmen  
 971. Pharos Energy PLC  
 972. Philadelphia Energy Solutions  
 973. Philadelphia Energy Solutions  
 974. Phillips 66  
 975. Phillips 66 Ltd  
 976. Phillips 66 Partners LP  
 977. PHX Minerals Inc  
 978. Piedmont Natural Gas Co Inc  
 979. Pilipinas Shell Petroleum Corp  
 980. Pine Cliff Energy Ltd  
 981. Pioneer Natural Resources Co  
 982. Pipeline Funding Co LLC  
 983. Pipestone Energy Corp  
 984. PKP Cargo SA  
 985. Plains All American Pipeline L  
 986. Plains GP Holdings LP  
 987. Polisan Holding AS  
 988. Polski Koncern Naftowy ORLEN S  
 989. Polskie Gornictwo Naftowe i Ga  
 990. Port of Dalian Corp  
 991. Port of Tauranga Ltd  
 992. POSCO Holdings Inc  
 993. Posco International Corp  
 994. PP Persero Tbk PT  
 995. PrairieSky Royalty Ltd  
 996. Prima Marine PCL  
 997. PrimeEnergy Resources Corp  
 998. Productive Technologies Co Ltd  
 999. Progress Energy Inc  
 1000. Promigas SA ESP  
 1001. Prospect Capital Corp  
 1002. Protasco Bhd  
 1003. Prumo Logistica SA  
 1004. PSEG Power LLC  
 1005. PSP Capital Inc  
 1006. PTT Exploration & Production P  
 1007. PTT Global Chemical PCL  
 1008. PTT Oil & Retail Business PCL  
 1009. PTT PCL  
 1010. PTT Treasury Center Co Ltd  
 1011. PTTEP Canada International Fin  
 1012. PTTEP Treasury Center Co Ltd  
 1013. Public Power Corp SA  
 1014. Public Service Co of Oklahoma  
 1015. Puma Energy Holdings Pte Ltd  
 1016. Qatar Fuel QSC  
 1017. Qatar Gas Transport Co Ltd  
 1018. Qatar Navigation QSC  
 1019. QatarEnergy  
 1020. Qatargas Operating Co Ltd  
 1021. QEP Resources Inc  
 1022. Qingdao Port International Co  
 1023. Questerre Energy Corp  
 1024. Rabigh Refining & Petrochemica  
 1025. Raffinerie Heide GmbH  
 1026. Raizen SA/Brazil  
 1027. RAK Petroleum PLC  
 1028. Range Resources Corp  
 1029. Range Resources-Louisiana Inc  
 1030. Ranger Oil Corp  
 1031. Ras Laffan Liquefied Natural G  
 1032. Ratch Group PCL  
 1033. Rattler Midstream LP  
 1034. Redexis Gas Finance BV  
 1035. Redexis Gas SA  
 1036. Refinaria Petroleo Ipiranga  
 1037. Regency Energy Finance Corp  
 1038. Reliance Holding USA Inc  
 1039. Reliance Industries Ltd  
 1040. Reliance Infrastructure Ltd  
 1041. Repsol Europe Finance Sarl  
 1042. Repsol International Finance B  
 1043. Repsol SA  
 1044. Rex International Holding Ltd  
 1045. RGC Resources Inc  
 1046. RH International Singapore Cor  
 1047. RH PetroGas Ltd  
 1048. Riley Exploration Permian Inc  
 1049. Ring Energy Inc  
 1050. Rio Oil Finance Trust Series 2  
 1051. Roan Resources Inc  
 1052. Rockcliff Energy II LLC  
 1053. Rockies Express Holdings LLC  
 1054. Rockies Express Pipeline LLC  
 1055. Rompetrol Rafinare SA  
 1056. Rongsheng Petrochemical Co Ltd  
 1057. Rongshi International Finance  
 1058. Rosehill Resources Inc  
 1059. Rosneft Oil Co PJSC  
 1060. Rosneft Oil Co Via Rosneft Int  
 1061. Rosneftegaz AO  
 1062. Royal Capital BV  
 1063. RSP Permian Inc  
 1064. Rubis SCA  
 1065. Rubis Terminal Infra SAS  
 1066. Russian Railways JSC  
 1067. RussNefT PJSC  
 1068. Ruwais Power Co PJSC  
 1069. Ryder System Inc  
 1070. RZD Capital PLC  
 1071. SA Global Sukuk Ltd  
 1072. Saavi Energia S de RL de CV  
 1073. Sabal Trail Transmission LLC  
 1074. Sabine Oil & Gas Corp  
 1075. Sabine Pass Liquefaction LLC  
 1076. Sable Permian Resources LLC  
 1077. Saibu Gas Holdings Co Ltd  
 1078. Saka Energi Indonesia PT  
 1079. Salamis Tours Holdings Plc  
 1080. Samsung C&T Corp  
 1081. Samudera Indonesia Tbk PT  
 1082. Samudera Shipping Line Ltd  
 1083. San Diego Gas & Electric Co  
 1084. San Miguel Corp  
 1085. San-Ai Obbli Co Ltd  
 1086. Sand Hill Petroleum BV  
 1087. SandRidge Energy Inc  
 1088. Santos Finance Ltd  
 1089. Santos Ltd  
 1090. Saras SpA  
 1091. Sasol Financing International  
 1092. Sasol Financing USA LLC  
 1093. Sasol Ltd  
 1094. Saudi Arabian Oil Co  
 1095. SCANA Corp  
 1096. SCF Capital Designated Activit  
 1097. Schahin II Finance Co SPV Ltd  
 1098. Scorpio Tankers Inc  
 1099. Scotia Gas Networks Ltd  
 1100. SD Re Ltd  
 1101. SEACOR Holdings Inc  
 1102. Seapeak LLC  
 1103. Seaspan Corp  
 1104. Secure Energy Services Inc  
 1105. SemGroup Corp  
 1106. Senex Energy Ltd  
 1107. SEPLAT Energy PLC  
 1108. Serica Energy PLC  
 1109. Seven Generations Energy Ltd  
 1110. Seven Group Holdings Ltd  
 1111. Seventy Seven Operating LLC  
 1112. SFL Corp Ltd  
 1113. SGSP Australia Assets Pty Ltd  
 1114. Shandong Xinchao Energy Corp L  
 1115. Shanxi Blue Flame Holding Co L  
 1116. Shanxi Guoxin Energy Corp Ltd  
 1117. Shanxi Lu'an Environmental Ene  
 1118. Shell International Finance BV  
 1119. Shell Midstream Partners LP  
 1120. Shell PLC  
 1121. Shenergy Co Ltd  
 1122. Shenergy Group Co Ltd  
 1123. Shenzhen Gas Corp Ltd  
 1124. Shin Yang Shipping Corp Bhd  
 1125. Shinfox Energy Co Ltd  
 1126. Shipping Corp of India Ltd  
 1127. Shizuoka Gas Co Ltd  
 1128. Siam Cement PCL/The  
 1129. Siamgas & Petrochemicals PCL  
 1130. Sibur Holding PAO  
 1131. Sibur Securities DAC  
 1132. Siccac Point Energy Bonds PLC  
 1133. Siccac Point Energy Ltd

1134. Sierra Pacific Power Co  
1135. SierraCol Energy Ltd  
1136. Sigma Finance Netherlands BV  
1137. Silver Grant International Hol  
1138. SilverBow Resources Inc  
1139. Sincere Navigation Corp  
1140. Sino GeoPhysical Co Ltd  
1141. Sino Oil And Gas Holdings Ltd  
1142. Sinochem Corp  
1143. Sinochem Offshore Capital Co L  
1144. Sinochem Overseas Capital Co L  
1145. Sinopec Capital 2013 Ltd  
1146. Sinopec Group Overseas Develop  
1147. Sinopec Group Overseas Develop  
1148. Sinopec Group Overseas Develop  
1149. Sinopec Group Overseas Develop  
1150. Sinopec Group Overseas Develop  
1151. Sinopec Group Overseas Develop  
1152. Sinopec Group Overseas Develop  
1153. Sinopec Kantons Holdings Ltd  
1154. Sinopec Shanghai Petrochemical  
1155. SK Discovery Co Ltd  
1156. SK E&S Co Ltd  
1157. SK Gas Ltd  
1158. SK Inc  
1159. SK Innovation Co Ltd  
1160. Skel fjarfestingafelag hf  
1161. SM Energy Co  
1162. Snam SpA  
1163. SNCF EPIC  
1164. SNCF Reseau  
1165. Societatea Nationala de Gaze N  
1166. Societatea Nationala de Transp  
1167. Societe Nationale SNCF SA  
1168. SoftBank Group Corp  
1169. S-Oil Corp  
1170. Sojitz Corp  
1171. South Jersey Industries Inc  
1172. Southeast Supply Header LLC  
1173. Southern California Gas Co  
1174. Southern Gas Corridor CJSC  
1175. Southern Gas Networks PLC  
1176. Southern Natural Gas Co LLC  
1177. Southern Power Co  
1178. Southwestern Energy Co  
1179. Sovcomflot PJSC  
1180. Spartan Delta Corp  
1181. Spectra Energy Partners LP  
1182. Spire Inc  
1183. SPP Infrastructure Financing B  
1184. SPR Finance Corp  
1185. Star Energy Group Holdings Pte  
1186. Star Petroleum Refining PCL  
1187. State Development & Investment  
1188. State Grid Corp of China  
1189. State Grid Europe Development  
1190. State Grid Overseas Investment  
1191. State Grid Overseas Investment  
1192. State Grid Overseas Investment  
1193. State Oil Co of the Azerbaijan  
1194. StealthGas Inc  
1195. Stena AB  
1196. Stolt-Nielsen Ltd  
1197. Storm Resources Ltd  
1198. Str Sub Inc  
1199. Strathcona Resources Ltd/Alber  
1200. Strong Petrochemical Holdings  
1201. Suburban Propane Partners LP  
1202. Sumitomo Corp  
1203. Sumitomo Warehouse Co Ltd/The  
1204. Summit Midstream Partners LP  
1205. Suncor Energy Inc  
1206. Sundance Energy of Colorado In  
1207. Sunoco Logistics Partners Oper  
1208. Sunoco LP  
1209. Sunshine Oilsands Ltd  
1210. Superior Plus Corp  
1211. Superior Plus LP / Superior Ge  
1212. Surge Energy Inc  
1213. Surgutneftegas PJSC  
1214. Surya Esa Perkasa Tbk PT  
1215. Swissport Financing Sarl  
1216. Taiheiyu Kouhatsu Inc  
1217. Taiwan Navigation Co Ltd  
1218. Tallgrass Energy LP  
1219. Tallgrass Energy Partners LP  
1220. Talos Energy Inc  
1221. Talos Production Inc  
1222. Tamarack Valley Energy Ltd  
1223. Tampa Electric Co  
1224. Targa Resources Corp  
1225. Targa Resources Partners LP /  
1226. Tatneft PJSC  
1227. TC Energy Corp  
1228. TC PipeLines LP  
1229. Team Tankers International Ltd  
1230. Team Tankers Management Holdin  
1231. Teck Resources Ltd  
1232. Tecpetrol SA  
1233. Teekay Corp  
1234. Teekay Tankers Ltd  
1235. Teine Energy Ltd  
1236. Tejon Ranch Co  
1237. Tellurian Inc  
1238. Tengizchevroil Finance Co Inte  
1239. Tengizchevroil Finance Co Sarl  
1240. Tengizchevroil LLP  
1241. Tennessee Gas Pipeline Co LLC  
1242. Terega SA  
1243. Termocandelaria Power Ltd  
1244. Tethys Oil AB  
1245. Texas Eastern Transmission LP  
1246. Texas Gas Transmission LLC  
1247. Texas Pacific Land Corp  
1248. Texas Pacific Land Trust  
1249. TGC-1 PJSC  
1250. Thai Oil PCL  
1251. Thaioil Treasury Center Co Ltd  
1252. Third Coast Midstream LLC  
1253. Tian Lun Gas Holdings Ltd  
1254. Tianjin Teda Co Ltd  
1255. Tidewater Midstream and Infrac  
1256. Tipco Asphalt PCL  
1257. Titan Energy GP LLC  
1258. Toa Oil Co Ltd  
1259. Toho Acetylene Co Ltd  
1260. Toho Gas Co Ltd  
1261. Tokyo Century Corp  
1262. Tokyo Gas Co Ltd  
1263. Top Frontier Investment Holdin  
1264. Topaz Energy Corp  
1265. TORC Oil & Gas Ltd  
1266. TORM PLC  
1267. Torrent Power Ltd  
1268. Tosco Corp  
1269. TotalEnergies Capital Canada L  
1270. TotalEnergies Capital Internat  
1271. TotalEnergies SE  
1272. Tourmaline Oil Corp  
1273. Towngas Finance Ltd  
1274. Towngas Smart Energy Co Ltd  
1275. Trada Alam Mineraria Tbk PT  
1276. Trapifigura Group Pte Ltd  
1277. TransAlta Corp  
1278. TransAlta Renewables Inc  
1279. TransCanada PipeLines Ltd  
1280. Transcanada Trust  
1281. Transcoal Pacific Tbk PT  
1282. Transcontinental Gas Pipe Line  
1283. TransGlobe Energy Corp  
1284. TransMontaigne Partners LP / T  
1285. Transneft PJSC  
1286. Transnet SOC Ltd  
1287. Transportadora de Gas del Peru  
1288. Transportadora de Gas del Sur  
1289. Transportadora de Gas Internac  
1290. Traverse Midstream Partners LL  
1291. Trillium Windpower LP  
1292. Trinidad Generation UnLtd  
1293. Trinidad Petroleum Holdings Lt  
1294. Trinity Exploration & Producti  
1295. TriSummit Utilities Inc  
1296. Tsakos Energy Navigation Ltd  
1297. Tucson Electric Power Co  
1298. Tulip Oil Holding BV  
1299. Tulip Oil Netherlands Offshore  
1300. Tullow Oil PLC  
1301. Turcas Petrol AS  
1302. Turkiye Petrol Rafinerileri AS  
1303. TWINSET SpA  
1304. UGI Corp  
1305. UGI Energy Services LLC  
1306. Ultrapar International SA  
1307. Ultrapar Participacoes SA  
1308. U-Ming Marine Transport Corp  
1309. Union Gas Ltd  
1310. Union Pacific Corp  
1311. Union Pacific Railroad Co 2004  
1312. Unipro PJSC  
1313. Unit Corp  
1314. United Energy Group Ltd  
1315. United Power Generation and Di  
1316. United States Lime & Minerals  
1317. Unitil Corp  
1318. Valero Energy Corp  
1319. Valero Energy Partners LP  
1320. Var Energi ASA  
1321. Vectren Corp  
1322. Vedanta Ltd  
1323. Vedanta Resources Finance II P  
1324. Vedanta Resources Ltd  
1325. Venture Global Calcasieu Pass  
1326. Venture Global LNG Inc  
1327. Veresen Inc  
1328. Vermillion Energy Inc  
1329. Vesta Energy Corp  
1330. Videocon Industries Ltd  
1331. Vier Gas Services GmbH & Co KG  
1332. Vier Gas Transport GmbH  
1333. Vine Energy Holdings LLC  
1334. Vine Energy Inc  
1335. Vine Oil & Gas LP  
1336. Viper Energy Partners LP  
1337. Vista Energy SAB de CV  
1338. Vital Energy Inc  
1339. Viterra Canada Inc  
1340. Viva Energy Group Ltd  
1341. Vivo Energy Investments BV  
1342. Vivo Energy PLC  
1343. VPower Group International Hol  
1344. W&T Offshore Inc  
1345. Waldorf Production UK PLC  
1346. Warrior Met Coal Inc  
1347. Washington Gas Light Co  
1348. Washington H Soul Pattinson &  
1349. Watco Cos LLC / Watco Finance  
1350. Wealth Driven Ltd  
1351. Wentworth Resources PLC  
1352. Wesfarmers Ltd  
1353. Westaim Corp/The  
1354. Westcoast Energy Inc  
1355. Western Midstream Operating LP  
1356. Western Midstream Partners LP  
1357. Westports Holdings Bhd  
1358. Weyerhaeuser Co  
1359. WGL Holdings Inc  
1360. White Star Petroleum LLC  
1361. Whitecap Resources Inc  
1362. Whiting Petroleum Corp  
1363. WildHorse Resource Development  
1364. Willamette Industries Inc

1365. Williams Cos Inc/The  
1366. Williams Partners LP  
1367. Wintershall Dea Finance 2 BV  
1368. Wintershall Dea Finance BV  
1369. Wintershall Dea Schweiz AG  
1370. Woodside Energy Group Ltd  
1371. Woodside Finance Ltd  
1372. WPX Energy Inc  
1373. Xcel Energy Inc  
1374. Xinjiang Xintai Natural Gas Co  
1375. Xstrata Ltd  
1376. XTO Energy Inc  
1377. Yacimientos Petroliferos Fisca  
1378. Yanchang Petroleum Internation  
1379. Yellow Corp  
1380. Yinson Holdings BHD  
1381. Yorkshire Electricity Group PL  
1382. Yorkshire Power Finance Ltd  
1383. YPF Energia Electrica SA  
1384. YPF SA  
1385. YTL Corp Bhd  
1386. Yuan Heng Gas Holdings Ltd  
1387. Yunnan Provincial Investment H  
1388. Zhefu Holding Group Co Ltd  
1389. Zhejiang Provincial Energy Gro  
1390. Zhongxing Tianheng Energy Tech

## Sovereign

1. Barbados
2. Burkina Faso
3. Cayman Islands
4. Democratic People's Republic of Nort  
Korea
5. Government of Gibraltar
6. Government of Jamaica/The
7. Hashemite Kingdom of Jordan
8. Islamic Republic of Iran
9. Islamic Republic of Pakistan
10. Kingdom of Cambodia
11. Kingdom of Morocco
12. Republic of Albania
13. Republic of Haiti
14. Republic of Mali
15. Republic of Nicaragua
16. Republic of Panama
17. Republic of Senegal
18. Republic of South Sudan
19. Republic of the Philippines
20. Republic of Turkey
21. Republic of Uganda
22. Republic of Yemen
23. Syrian Arab Republic
24. Union of Myanmar
25. United Arab Emirates