

No.	Name	Country
1	Aboitiz Power Corp	Philippines
2	Adaro Energy Tbk PT	Indonesia
3	AES Corp/VA	United States
4	AGL Energy Limited	Australia
5	Aker BP ASA	Norway
6	ALBERTA ENERGY CO LTD	United States
7	Alliant Energy Corp	United States
8	Ameren Corp	United States
9	American Electric Power Co. Inc.	United States
10	Anadarko Petroleum Corp	United States
11	Andeavor	United States
12	Anglo American PLC	United Kingdom
13	Antero Resources Corp	United States
14	Antero Resources Finance Corp.	United States
15	APA Corp.	United States
16	Apache Corp	United States
17	ARC Resources Ltd	Canada
18	Arthur J. Gallagher & Co.	United States
19	Ascent Resources Utica Holdings LLC	United States
20	Banpu PCL	Thailand
21	Berkshire Hathaway Energy Co.	United States
22	Berry Petroleum Co. LLC	United States
23	BG ENERGY CAPITAL PLC MTN RegS	United Kingdom
24	Bharat Petroleum Corp Ltd	India
25	BHP Group Ltd	Australia
26	BHP Group PLC	United Kingdom
27	BP Capital Markets America, Inc.	United States
28	BP Capital Markets Plc	United Kingdom
29	BP PLC	United Kingdom
30	BPRL INTERNATIONAL SINGAPORE PTE L MTN RegS	Singapore
31	BURLINGTON RESOURCES FINANCE COMPA	United States
32	Cabot Oil & Gas Corp	United States
33	California Resources Corp.	United States
34	Callon Petroleum Company	USA
35	Caltex Australia Ltd	Australia
36	Canadian Natural Resources Ltd	Canada
37	Capital Power Corp	Canada
38	Capricorn Energy Plc	United Kingdom
39	Cenovus Energy Inc	Canada
40	Centennial Resource Development, Inc.	USA
41	Chaparral Energy, Inc.	United States
42	CHESAPEAKE ENERGY CORP	United States
43	Chevron Corp	United States
44	China Coal Energy Co Ltd	China
45	China Petroleum & Chemical Corp	China
46	China Resources Power Holdings Co Ltd	Hong Kong
47	China Shenhua Energy Co Ltd	China
48	Chord Energy Corp	United States

No.	Name	Country
49	Chugoku Electric Power Co Inc/The	Japan
50	Cimarex Energy Co	United States
51	Civitas Resources, Inc.	USA
52	CLP Holdings Ltd	Hong Kong
53	CNAC (HK) Finbridge Co. Ltd.	Hong Kong
54	CNAC (HK) Synbridge Co., Ltd.	Hong Kong
55	CNOOC Ltd	Hong Kong
56	CNRC Capital Ltd.	Hong Kong
57	CNX RESOURCES CORP	United States
58	Coal India Ltd	India
59	Concho Resources Inc	United States
60	ConocoPhillips	United States
61	CONSOL ENERGY INC	United States
62	Continental Resources Inc/OK	United States
63	Corral Petroleum Holdings AB	Sweden
64	Crescent Point Energy Corp	Canada
65	CrownRock LP	United States
66	CVR Refining LLC	USA
67	Delek & Avner-Yam Thetis Ltd.	Israel
68	Delek US Holdings, Inc.	USA
69	Denbury Resources Inc.	United States
70	Devon Energy Corp	United States
71	Diamondback Energy Inc	United States
72	DMCI Holdings Inc	Philippines
73	DNO ASA	Norway
74	Duke Energy Carolinas LLC	USA
75	Ecopetrol SA	Colombia
76	Electric Power Development Co Ltd	Japan
77	Electricity Generating PCL	Thailand
78	Empresa Nacional del Petroleo SA	Chile
79	Endeavor Energy Resources LP	United States
80	Eni SpA	Italy
81	EnLink Midstream LLC	USA
82	EnLink Midstream Partners LP	USA
83	Ensign Drilling, Inc.	Canada
84	EOG Resources Inc	United States
85	EP Energy Corp.	United States
86	EP Petroecuador	Ecuador
87	EQT Corp	United States
88	Equinor ASA	Norway
89	Equital Ltd.	Israel
90	Eskom Holdings SOC Ltd.	South Africa
91	Eterna Capital Pte Ltd.	Singapore
92	Evergy Inc	United States
93	EVN AG	Austria
94	EVRAZ Plc	United Kingdom
95	Exxaro Resources Ltd	South Africa
96	Exxon Mobil Corp	United States
97	FirstEnergy Corp.	United States

No.	Name	Country
98	Formosa Petrochemical Corp	Taiwan
99	Galp Energia SGPS SA	Portugal
100	Gaz Capital SA	Luxembourg
101	Gaz Finance Plc	United Kingdom
102	Gazprom PJSC	Russian Federation
103	GeoPark Ltd.	Bermuda
104	Glow Energy PCL	Thailand
105	Grupa Lotos SA	Poland
106	GS Holdings Corp	Republic of Korea
107	Gulfport Energy Corporation	United States
108	Hess Corp	United States
109	HF Sinclair Corp	United States
110	Hindustan Petroleum Corp Ltd	India
111	HKELECTRIC-SS	Hong Kong
112	Hokkaido Electric Power Co., Inc.	Japan
113	Hokuriku Electric Power Co.	Japan
114	HollyFrontier Corp	United States
115	Huaneng Power International Inc	China
116	Husky Energy Inc	Canada
117	Hyundai Heavy Industries Co Ltd	Republic of Korea
118	Hyundai Heavy Industries Holdings Co Ltd	Republic of Korea
119	Icahn Enterprises Finance Corp.	United States
120	Icahn Enterprises LP	United States
121	Idemitsu Kosan Co Ltd	Japan
122	Imperial Oil Ltd	Canada
123	Indian Oil Corp Ltd	India
124	Indigo Natural Resources LLC	United States
125	Inner Mongolia Yitai Coal	China
126	Innogy Finance BV	Netherlands
127	Inpex Corp	Japan
128	Inter Pipeline Ltd.	Canada
129	IRPC PCL	Thailand
130	Jastrzebska Spolka Weglowa SA	Poland
131	JXTG Holdings Inc	Japan
132	K&O Energy Group, Inc.	Japan
133	KazMunayGas NC JSC	Kazakhstan
134	Koc Holding	Turkey
135	Korea Electric Power Corp	Republic of Korea
136	Kosmos Energy Ltd.	USA
137	Laredo Petroleum, Inc.	United States
138	LUKOIL International Finance BV	Netherlands
139	LUKOIL PJSC	Russian Federation
140	Lundin Petroleum AB	Switzerland
141	LyondellBasell Industries NV	Netherlands
142	Marathon Oil Corp	United States
143	Marathon Petroleum Corp	United States
144	Matador Resources Company	United States
145	MEG Energy Corp.	Canada
146	MOL Group Finance SA	Luxembourg

No.	Name	Country
147	MOL Hungarian Oil & Gas PLC	Hungary
148	Motor Oil Hellas Corinth Refineries SA	Greece
149	MPLX LP	United States
150	Murphy Oil Corp	United States
151	NATIONAL FUEL GAS CO	United States
152	Neste Oyj	Finland
153	Newfield Exploration Co	United States
154	Noble Energy Inc	United States
155	Noble Sovereign Funding I Ltd.	Cayman Islands
156	Novatek PJSC	United States
157	NRG ENERGY INC	United States
158	NTPC Ltd	India
159	Oasis Petroleum, Inc.	United States
160	Occidental Petroleum Corp	United States
161	OGE Energy Corp	United States
162	Oil & Gas Development Co Ltd	Pakistan
163	Oil & Natural Gas Corp Ltd	India
164	Oil Refineries Ltd.	Israel
165	Oil Search Ltd	Papua New Guinea
166	OMV AG	Austria
167	ONEOK, Inc.	United States
168	Origin Energy Finance Ltd.	Australia
169	Otter Tail Corp.	United States
170	Ovintiv Exploration, Inc.	USA
171	Ovintiv, Inc.	USA
172	Parsley Energy Inc	United States
173	Parsley Energy LLC	United States
174	PBF Energy, Inc.	United States
175	Petroamazonas EP	Ecuador
176	Petrobras Global Finance BV	Netherlands
177	PETRO-CANADA	United States
178	PetroChina Co Ltd	China
179	Petroleo Brasileiro SA	Brazil
180	Petroleos de Venezuela SA	Venezuela
181	PETROLEOS MEXICANOS REGS	United States
182	Petroleos Mexicanos SA	Mexico
183	Petronas Capital Ltd.	Malaysia
184	PGE Polska Grupa Energetyczna SA	Poland
185	Phillips 66	United States
186	Pioneer Natural Resources Co	United States
187	Polski Koncern Naftowy ORLEN SA	Poland
188	Power Assets Holdings Ltd.	Hong Kong
189	PPL Corp.	United States
190	PT Indonesia Asahan Aluminium	Indonesia
191	PT Pertamina (Persero)	Indonesia
192	PTT Exploration & Production PCL	Thailand
193	PTT Global Chemical PCL	Thailand
194	PTTEP Treasury Center Co. Ltd.	Thailand
195	QEP Resources, Inc.	United States

No.	Name	Country
196	RANGE RESOURCES CORP	United States
197	Reliance Industries Ltd	India
198	Repsol International Finance BV	Netherlands
199	Repsol SA	Spain
200	Rex International Holding Ltd.	Singapore
201	Rosneft Oil Co PJSC	Russian Federation
202	RWE AG	Germany
203	Santos Ltd	Australia
204	Sasol Financing International Plc	South Africa
205	Sasol Financing USA LLC	USA
206	Sasol Ltd	South Africa
207	Saudi Arabian Oil Co.	Saudi Arabia
208	Seven Generations Energy Ltd	Canada
209	Shaanxi Coal Industry Co Ltd	China
210	Shanxi Lu'an Environmental Energy Development Co Ltd	China
211	Shell International Finance BV	Netherlands
212	Shell PLC	United Kingdom
213	Shenergy Co. Ltd.	China
214	Shikoku Electric Power Co Inc	Japan
215	Showa Shell Sekiyu KK	Japan
216	Sinopec Group Overseas Development (2015) Ltd.	Virgin Isl (UK)
217	Sinopec Shanghai Petrochemical Co Ltd	China
218	SK Holdings Co Ltd	Republic of Korea
219	SK Innovation Co Ltd	Republic of Korea
220	SM Energy Co.	United States
221	SMC Global Power Holdings Corp.	Philippines
222	S-Oil Corp	Republic of Korea
223	South32 Ltd	Australia
224	SOUTHWESTERN ENERGY CO	United States
225	Southern Gas Corridor CJSC	Azerbaijan
226	State Oil Company of Azerbaijan Republic	Azerbaijan
227	Suncor Energy Inc	Canada
228	Surgutneftegas PJSC	Russian Federation
229	Targa Resources Partners LP	United States
230	Tata Power Co Ltd/The	India
231	Tatneft PJSC	Russian Federation
232	TC Energy Corporation	Canada
233	Teck Resources Ltd	Canada
234	Tengizchevroil Finance Co. International Ltd.	Bermuda
235	TESORO CORP	United States
236	Thai Oil PCL	Thailand
237	Thaioil Treasury Center Co. Ltd.	Thailand
238	The Chugoku Electric Power Co., Inc.	Japan
239	The New Zealand Refining Co. Ltd.	New Zealand
240	The Okinawa Electric Power Co., Inc.	Japan
241	TOSCO CORPORATION	United States
242	Total Capital International SA	France
243	TotalEnergies SE	France
244	Tourmaline Oil Corp	Canada

No.	Name	Country
245	TransAlta Corporation	Canada
246	Tullow Oil plc	United Kingdom
247	Tupras Turkiye Petrol Rafinerileri AS	Turkey
248	Valero Energy Corp	United States
249	Vermilion Energy Inc	Canada
250	Vistra Energy Corp.	United States
251	Vistra Operations Co. LLC	United States
252	Washington H. Soul Pattinson and Company Limited	Australia
253	WESTAR ENERGY INC	United States
254	WESTERN GAS PARTNERS LP	United States
255	Whiting Petroleum Corp.	United States
256	Wintershall Dea Finance BV	The Netherlands
257	Wintershall Dea GmbH	Germany
258	Woodside Petroleum Ltd	Australia
259	WPX Energy, Inc.	United States
260	Yanzhou Coal Mining Co Ltd	China