



No.	Name	Country	ISIN
1	Aboitiz Power Corp	Philippines	PHY0005M1090
2	Adaro Energy Tbk PT	Indonesia	ID1000111305
3	AES Corp/VA	United States	US00130H1059
4	AGL Energy Limited	Australia	AU000000AGL7
5	Aker BP ASA	Norway	NO0010345853
6	ALBERTA ENERGY CO LTD	United States	US012873AK13
7	Ameren Corp	United States	US0236081024
8	American Electric Power Co. Inc.	United States	US0255371017
9	Anadarko Petroleum Corp	United States	US0325111070
10	Andeavor	United States	US03349M1053
11	Antero Resources Corp	United States	US03674X1063
12	Antero Resources Finance Corp.	United States	US03674PAK93
13	APA Corp.	United States	US03743Q1085
14	Apache Corp	United States	US0374111054
15	ARC Resources Ltd	Canada	CA00208D4084
16	Ascent Resources Utica Holdings LLC	United States	US04364VAG86
17	Banpu PCL	Thailand	TH0148A10Z06
18	Berry Petroleum Co. LLC	United States	US08579X1019
19	Bharat Petroleum Corp Ltd	India	INE029A01011
20	BHP Group Ltd	Australia	AU000000BHP4
21	BHP Group PLC	United Kingdom	GB0000566504
22	BP Capital Markets America, Inc.	United States	US10373QAB68
23	BP Capital Markets Plc	United Kingdom	XS1410519976
24	BP PLC	United Kingdom	GB0007980591
25	BURLINGTON RESOURCES FINANCE COMPA	United States	US12201PAN69
26	Cabot Oil & Gas Corp	United States	US1270971039
27	California Resources Corp.	United States	US13057Q3056
28	Callon Petroleum Company	USA	US13123X5086
29	Caltex Australia Ltd	Australia	AU000000CTX1
30	Canadian Natural Resources Ltd	Canada	CA1363851017
31	Capital Power Corp	Canada	CA14042M1023
32	Capricorn Energy Plc	United Kingdom	GB00BN0SMB92
33	Cenovus Energy Inc	Canada	CA15135U1093
34	Centennial Resource Development, Inc.	USA	US15136A1025
35	Chaparral Energy, Inc.	United States	US15942R2085
36	CHESAPEAKE ENERGY CORP	United States	US1651671075
37	Chevron Corp	United States	US1667641005
38	China Coal Energy Co Ltd	China	CNE100000528
39	China Petroleum & Chemical Corp	China	CNE0000018G1
40	China Resources Power Holdings Co Ltd	Hong Kong	HK0836012952
41	China Shenhua Energy Co Ltd	China	CNE1000002R0
42	Chord Energy Corp	United States	US6742152076
43	Cimarex Energy Co	United States	US1717981013
44	Civitas Resources, Inc.	USA	US097793AE35
45	CLP Holdings Ltd	Hong Kong	HK0002007356
46	CNAC (HK) Finbridge Co. Ltd.	Hong Kong	XS1644429935
47	CNAC (HK) Synbridge Co., Ltd.	Hong Kong	XS1608624166
48	CNOOC Ltd	Hong Kong	HK0883013259
49	CNRC Capital Ltd.	Hong Kong	XS1525358054
50	CNX RESOURCES CORP	United States	US12653C1080
51	Coal India Ltd	India	INE522F01014
52	Comstock Resources	United States	US205768AS39
53	Concho Resources Inc	United States	US20605P1012
54	ConocoPhillips	United States	US20825C1045



55	CONSOL ENERGY INC	United States	US20854L1089
56	Continental Resources Inc/OK	United States	US2120151012
57	Corral Petroleum Holdings AB	Sweden	US22025LAA61
58	Crescent Point Energy Corp	Canada	CA22576C1014
59	CrownRock LP	United States	US228701AF51
60	CVR Refining LLC	USA	USU15114AA69
61	Delek & Avner-Yam Thetis Ltd.	Israel	IL0011321747
62	Delek US Holdings, Inc.	USA	US24665A1034
63	Denbury Resources Inc.	United States	US24790A1016
64	Devon Energy Corp	United States	US25179M1036
65	Diamondback Energy Inc	United States	US25278X1090
66	DMCI Holdings Inc	Philippines	PHY2088F1004
67	DNO ASA	Norway	NO0003921009
68	Duke Energy Carolinas LLC	USA	ZZZ00170205
69	Ecopetrol SA	Colombia	COC04PA00016
70	Electric Power Development Co Ltd	Japan	JP3551200003
71	Electricity Generating PCL	Thailand	TH0465010005
72	Empresa Nacional del Petroleo SA	Chile	USP37110AM89
73	Endeavor Energy Resources LP	United States	US29260FAF71
74	Eni SpA	Italy	IT0003132476
75	EnLink Midstream LLC	USA	US29336T1007
76	EnLink Midstream Partners LP	USA	US29336UAH05
77	Ensign Drilling, Inc.	Canada	US29359NAA37
78	EOG Resources Inc	United States	US26875P1012
79	EP Energy Corp.	United States	US2687852010
80	EP Petroecuador	Ecuador	XS1584995846
81	EQT Corp	United States	US26884L1098
82	Equinor ASA	Norway	NO0010096985
83	Equital Ltd.	Israel	IL0007550176
84	Eskom Holdings SOC Ltd.	South Africa	ZAG000003690
85	Eterna Capital Pte Ltd.	Singapore	XS1628011717
86	Evergy Inc	United States	US30034W1062
87	EVRAZ Plc	United Kingdom	GB00B71N6K86
88	Exxaro Resources Ltd	South Africa	ZAE000084992
89	Exxon Mobil Corp	United States	US30231G1022
90	Formosa Petrochemical Corp	Taiwan	TW0006505001
91	Galp Energia SGPS SA	Portugal	PTGAL0AM0009
92	Gaz Capital SA	Luxembourg	US368266AA08
93	Gaz Finance Plc	United Kingdom	XS2124187571
94	Gazprom PJSC	Russian Federation	RU0007661625
95	GeoPark Ltd.	Bermuda	BMG383271050
96	Grupa Lotos SA	Poland	PLLOTOS00025
97	Gulfport Energy Corporation	United States	US4026353049
98	Hess Corp	United States	US42809H1077
99	HF Sinclair Corp	United States	US4039491000
100	Hindustan Petroleum Corp Ltd	India	INE094A01015
101	HKELECTRIC-SS	Hong Kong	HK0000179108
102	Hokkaido Electric Power Co., Inc.	Japan	JP3850200001
103	Hokuriku Electric Power Co.	Japan	JP3845400005
104	HollyFrontier Corp	United States	US4361061082
105	Huaneng Power International Inc	China	CNE000001998
106	Husky Energy Inc	Canada	CA4480551031
107	Icahn Enterprises Finance Corp.	United States	USU44927AN87
108	Icahn Enterprises LP	United States	US4511001012
109	Idemitsu Kosan Co Ltd	Japan	JP3142500002



110	Imperial Oil Ltd	Canada	CA4530384086
111	Indian Oil Corp Ltd	India	INE242A01010
112	Indigo Natural Resources LLC	United States	US45569LAC54
113	Inner Mongolia Yitai Coal	China	CNE000000SK7
114	Inpex Corp	Japan	JP3294460005
115	Inter Pipeline Ltd.	Canada	CA45833V1094
116	IRPC PCL	Thailand	TH0471010Y04
117	Jastrzebska Spolka Weglowa SA	Poland	PLJSW0000015
118	JXTG Holdings Inc	Japan	JP3386450005
119	K&O Energy Group, Inc.	Japan	JP3277020008
120	KazMunayGas NC JSC	Kazakhstan	KZ1C00001122
121	Koc Holding	Turkey	TRAKCHOL91Q8
122	Kosmos Energy Ltd.	USA	US5006881065
123	Laredo Petroleum, Inc.	United States	US5168062058
124	LUKOIL International Finance BV	Netherlands	US549876AA88
125	LUKOIL PJSC	Russian Federation	RU0009024277
126	Lundin Petroleum AB	Switzerland	SE0000825820
127	Magnolia Oil & Gas Corporation	United States	US5596631094
128	Marathon Oil Corp	United States	US5658491064
129	Marathon Petroleum Corp	United States	US56585A1025
130	Matador Resources Company	United States	US5764852050
131	MEG Energy Corp.	Canada	CA5527041084
132	Mitsui & Co. Ltd.	Japan	JP3893600001
133	MOL Group Finance SA	Luxembourg	XS0834435702
134	MOL Hungarian Oil & Gas PLC	Hungary	HU0000153937
135	Motor Oil Hellas Corinth Refineries SA	Greece	GRS426003000
136	MPLX LP	United States	US55336VAM28
137	Murphy Oil Corp	United States	US626717AF90
138	NATIONAL FUEL GAS CO	United States	US636180BM22
139	Neste Oyj	Finland	FI0009013296
140	Newfield Exploration Co	United States	US6512901082
141	Noble Energy Inc	United States	US6550441058
142	Noble Sovereign Funding I Ltd.	Cayman Islands	XS1111082779
143	Northern Oil & Gas Inc.	United States	US6655313079
144	Novatek PJSC	United States	US6698881090
145	NRG ENERGY INC	United States	US6293775085
146	NTPC Ltd	India	INE733E01010
147	Oasis Petroleum, Inc.	United States	US6742152076
148	Occidental Petroleum Corp	United States	US6745991058
149	Oil & Gas Development Co Ltd	Pakistan	PK0080201012
150	Oil & Natural Gas Corp Ltd	India	INE213A01029
151	Oil Refineries Ltd.	Israel	IL0025902482
152	Oil Search Ltd	Papua New Guinea	PG0008579883
153	OMV AG	Austria	AT0000743059
154	ONEOK, Inc.	United States	US6826801036
155	Origin Energy Finance Ltd.	Australia	US68620YAA01
156	Otter Tail Corp.	United States	US6896481032
157	Ovintiv Exploration, Inc.	USA	US651290AQ17
158	Ovintiv, Inc.	USA	US69047Q1022
159	Parsley Energy Inc	United States	US7018771029
160	Parsley Energy LLC	United States	US701885AH87
161	PBF Energy, Inc.	United States	US69318G1067
162	Permian Resources Operating LLC	United States	US71424F1057
163	Petroamazonas EP	Ecuador	XS1584995846
164	Petrobras Global Finance BV	Netherlands	XS0294367205



165	PETRO-CANADA	United States	US716442AH16
166	PetroChina Co Ltd	China	CNE1000003W8
167	Petroleo Brasileiro SA	Brazil	BRPETRACNOR9
168	Petroleos de Venezuela SA	Venezuela	XS0294367205
169	Petroleus Del Peru	Peru	USP7808BAA54
170	PETROLEOS MEXICANOS REGS	United States	US71654QBG64
171	Petroleos Mexicanos SA	Mexico	US71654QDD16
172	Petronas Capital Ltd.	Malaysia	US716743AB59
173	PGE Polska Grupa Energetyczna SA	Poland	PLPGER000010
174	Phillips 66	United States	US7185461040
175	Pioneer Natural Resources Co	United States	US7237871071
176	Polski Koncern Naftowy ORLEN SA	Poland	PLPKN0000018
177	Power Assets Holdings Ltd.	Hong Kong	HK0006000050
178	PPL Corp.	United States	US69351T1060
179	PT Indonesia Asahan Aluminium	Indonesia	US74445PAA03
180	PT Pertamina (Persero)	Indonesia	US69369EAA73
181	PTT Exploration & Production PCL	Thailand	TH0355A10Z04
182	PTT Global Chemical PCL	Thailand	TH1074010006
183	PTTEP Treasury Center Co. Ltd.	Thailand	TH9245032601
184	QEP Resources, Inc.	United States	US74733VAB62
185	RANGE RESOURCES CORP	United States	US75281A1097
186	Reliance Industries Ltd	India	INE002A01018
187	Repsol International Finance BV	Netherlands	XS0975256685
188	Repsol SA	Spain	ES0173516115
189	Rex International Holding Ltd.	Singapore	SG2G04994999
190	Rosneft Oil Co PJSC	Russian Federation	RU000A0J2Q06
191	Santos Ltd	Australia	AU000000STO6
192	Sasol Financing International Plc	South Africa	US803865AA25
193	Sasol Financing USA LLC	USA	US80386WAA36
194	Sasol Ltd	South Africa	ZAE000006896
195	Saudi Arabian Oil Co.	Saudi Arabia	SA14TG012N13
196	Shaanxi Coal Industry Co Ltd	China	CNE100001T64
197	Shanxi Lu'an Environmental Energy Development Co Ltd	China	CNE000001NT7
198	Shell International Finance BV	Netherlands	US822582AD40
199	Shell PLC	United Kingdom	GB00B03MLX29
200	Shenergy Co. Ltd.	China	CNE0000005Q7
201	Showa Shell Sekiyu KK	Japan	JP3366800005
202	Sinopec Group Overseas Development (2015) Ltd.	Virgin Isl (UK)	XS1220886938
203	Sinopec Shanghai Petrochemical Co Ltd	China	CNE000000BB2
204	SM Energy Co.	United States	US78454L1008
205	SMC Global Power Holdings Corp.	Philippines	XS2098881654
206	S-Oil Corp	Republic of Korea	KR7010950004
207	South32 Ltd	Australia	AU000000S320
208	SOUTHWESTERN ENERGY CO	United States	US8454671095
209	Southern Gas Corridor CJSC	Azerbaijan	XS1319820897
210	State Oil Company of Azerbaijan Republic	Azerbaijan	XS0903465127
211	Suncor Energy Inc	Canada	CA8672241079
212	Surgutneftegas PJSC	Russian Federation	RU0008926258
213	Targa Resources Partners LP	United States	USU87571AG76
214	Tata Power Co Ltd/The	India	INE245A01021
215	Tatneft PJSC	Russian Federation	RU0009033591
216	TC Energy Corporation	Canada	CA87807B1076
217	Teck Resources Ltd	Canada	CA8787422044
218	Tengizchevroil Finance Co. International Ltd.	Bermuda	XS2010030240
219	TESORO CORP	United States	US881609AZ49



220	Texas Pacific Land Corp	United States	US88262P1021
221	Thai Oil PCL	Thailand	TH0796010005
222	Thaioil Treasury Center Co. Ltd.	Thailand	US88323AAC62
223	The New Zealand Refining Co. Ltd.	New Zealand	NZNZRE0001S9
224	The Okinawa Electric Power Co., Inc.	Japan	JP3194700005
225	TOSCO CORPORATION	United States	US891490AT14
226	Total Capital International SA	France	US89153VAB53
227	TotalEnergies SE	France	FR0000120271
228	Tourmaline Oil Corp	Canada	CA89156V1067
229	TransAlta Corporation	Canada	CA89346D1078
230	Tullow Oil plc	United Kingdom	GB0001500809
231	Tupras Turkiye Petrol Rafinerileri AS	Turkey	TRATUPRS91E8
232	Valero Energy Corp	United States	US91913Y1001
233	Vermilion Energy Inc	Canada	CA9237251058
234	Vistra Energy Corp.	United States	US92840M1027
235	Vistra Operations Co. LLC	United States	US92840VAA08
236	Washington H. Soul Pattinson and Company Limited	Australia	AU000000SOL3
237	WESTAR ENERGY INC	United States	US95709T1007
238	Whiting Petroleum Corp.	United States	US9663875089
239	Wintershall Dea Finance BV	The Netherlands	XS2055079904
240	Wintershall Dea GmbH	Germany	DEFDS0ZE2H92
241	Woodside Petroleum Ltd	Australia	AU000000WPL2
242	WPX Energy, Inc.	United States	US98212BAE39
243	Yanzhou Coal Mining Co Ltd	China	CNE1000004Q8