

Country	Field Owner/Developer	Region, District, Providence, and/or State	Field Name	Plant Name	Announced Completion Date	Capacity (MW)	Resource Capacity (MW)	Status
Algeria		Guelma Province	Guelma					Early Stage
American Samoa	N/A	Tutuila	Tutuila					Prospect
Argentina	Earth Heat Resources		Copahue			50	50	Early Stage
Argentina	Geotermia Andina		San Juan			8	14	On hold
Argentina	Geotermia Andina		Casa Pintada					Prospect
Argentina	Geotermia Andina		Chollay					Prospect
Argentina	Geotermia Andina		Cicillano					Prospect
Argentina	Geotermia Andina		Los banitos					Prospect
Argentina	Geotermia Andina		San Crispin					Prospect
Argentina	Earth Heat Resources		Copahue II					Early Stage
Argentina	Geotermia Andina	Valle del Cura, San Juan Province	Los Despoblados		2014	14	23	On hold
Armenia	Armenian Ministry of Energy and Natural Resources	Karkar	Karkar			28.5	28.5	Early Stage
Armenia	Armenian Ministry of Energy and Natural Resources	Gridzor	Gridzor					Early Stage
Armenia	N/A		Jermaghybur Geothermal Power Plant	Jermaghybur Geothermal Power Plant			150	Early Stage
Australia	Petratherm, Beach Energy	Paralana, South Australia	Paralana Geothermal	Paralana Demonstration Project		7	520	Early Stage
Australia	Geodynamics, Innamincka Shallows (KUTH Energy), Beach Energy	Cooper Basin in South Australia	Cooper Basin	Habanero		5	10	N/A
Australia	Raya Group	Cooper Basin	Cooper Basin	Hutton				N/A
Australia	Raya Group		Otway Basin	Limestone Coast Project				N/A
Australia	Raya Group		Otway Basin	Penola (Salamander 1) Well				Early Stage
Australia	Petratherm	Victoria	East Gippsland					Prospect
Australia	New World Energy	Southern Perth Basin	Binningup					Prospect
Australia	New World Energy	Northern Perth Basin	Jurien-Woodada					Prospect
Australia	KUTH Energy	Queensland	Epsilon					Prospect
Australia	KUTH Energy	Tasmania	Fingal					Prospect
Australia	KUTH Energy	Queensland	Georgetown					Cancelled
Australia	KUTH Energy	Queensland	Jackin Creek					Prospect
Australia	KUTH Energy	Tasmania	Lemont					Prospect
Australia	Hot Rock Limited	Central South Australia	Olympic Dam				400	N/A
Australia	Hot Rock Limited	Queensland	Walsh Springs					N/A
Australia	Hot Rock Limited	Victoria	Otway Basin (Korait Project)					On hold
Australia	Greenearth Energy	Victoria	Geeelong					On hold
Australia	Greenearth Energy		Latrobe/Gippsland					N/A
Australia	Green Rock Energy	South Australia	Great Artesian Basin					N/A
Australia	Green Rock Energy	Cooper Basin in South Australia,	Patchawarra					N/A
Australia	Green Rock Energy		Perth Basin					N/A
Australia	Green Rock Energy		Upper Spencer Gulf					N/A
Australia	Ergon Energy	Queensland	Birdsville	Plant 2				Prospect
Belgium	VITO	Mol/Hasselt	Hydrothermal			3.5	3.5	Early Stage
Belgium	AGEOP	Mons	EGS Project			3	3	Early Stage
Bolivia	unconfirmed project		Sur Lipez					Prospect
Bolivia	Ende funding from Japan International Cooperation Agency		Laguna Colorado		2018	50	100	Early Stage
Canada	Borealis Geo Power	British Columbia	Canoe Reach			10	10	Early Stage
Canada	Deep Earth Energy Production Corp	Saskatchewan	Rafferty			5	5	Early Stage
Canada	Borealis Geo Power	Alberta	Swan Hills			2.5	2.5	Early Stage
Canada	Ram Power	British Columbia	South Meager Project					Early Stage
Canada	DEEP (Project manager: Borealis Geopower)	Saskatchewan	Williston Basin					Early Stage
Canada	Borealis Geo Power	Northwest Territories	Ft. Liard				0.6	Cancelled
Canada	Alterra Power	British Columbia	Lillooet					Prospect
Canada	First Nation, Enbridge and Borealis GeoPower	British Columbia	Mount Layton					Prospect
Canada	Alterra Power	British Columbia	Upper Lillooet 1&2					Prospect
Canada	LL Geothermal Inc	British Columbia	Province of Nova Scotia					Prospect
Chile	Ormat Technologies	Tarapaca	Aroma					Early Stage
Chile	Ram Power	Antofagasta	Aucan I					On hold

Chile	Origin Energy Chile SA	Antofagasta	Aucan 2					Prospect
Chile	Energia Andina	Antofagasta	Aucan Project					Early Stage
Chile	Energia Andina		Banos del Torro					Early Stage
Chile	Minera Escondido Limitada	Atacama	Bay					Prospect
Chile	Hot Rock Limited* Possibly sold to EDC	Santiago 100km south	Caleris Project				185	Early Stage
Chile	Infinergeo SpA	Bio Bio Region	Callaqui					Early Stage
Chile	Origin Energy Chile SA	De Los Rios	Chodhuen					Prospect
Chile	Enel Green Power	Antofagasta	Colorado					Prospect
Chile	Energia Andina	Tarapaca	Colpita Project					Early Stage
Chile	Hot Rock Limited* Possibly sold to EDC	Copahue-Callaqui volcanic complex	Copahue					Early Stage
Chile	Energia Andina		Generative Project					Early Stage
Chile	Zaldivar Mining Company	Antofagasta	Gorbea					Prospect
Chile	Energia Andina	Coquimbo	Holy Lela					Prospect
Chile	Energia Andina	Atacama	Juncalito Project					Early Stage
Chile	Infinergeo SpA	Arica, Parinacota and Tarapaca	Licancura III					Early Stage
Chile	Energia Andina	Tarapaca	Lirima Pampa Project					Early Stage
Chile	Hot Rock Limited* Possibly sold to EDC	Santiago 300km south	Longavi Project				135	Early Stage
Chile	Alterra Power	Longavi	Los Cristales					Prospect
Chile	Infinergeo SpA	Atacama Region	Manflas					Early Stage
Chile	Enel Green Power		Mares Dead					Prospect
Chile	Ormat Technologies	Antofagasta	Mariman					Early Stage
Chile	Alterra Power		Maule					Prospect
Chile	Zaldivar Mining Company	Antofagasta	Negrillar					Prospect
Chile	Energy Development Corp.	Araucania	Newen					Prospect
Chile	Energia Andina		Paniri Project					Early Stage
Chile	Energia Andina		Pecan Project					Early Stage
Chile	Infinergeo SpA		Peucos					Early Stage
Chile	Energia Andina		Pircados Hoyos					Early Stage
Chile	Energia Andina		Polloquere Project					Early Stage
Chile	Energia Andina		Proyecto Polloquere					Early Stage
Chile	Energy Development Corp.	Tarapaca	Punt					Prospect
Chile	Ormat Technologies	Antofagasta	Quinohuen					Early Stage
Chile	Transmark Chile	Antofagasta	San Alberto					Early Stage
Chile	Origin Energy Chile SA	Antofagasta	San Bernardo					Prospect
Chile	Hot Rock Limited* Possibly sold to EDC	Lakes District of southern Chile	San Cristobal					Early Stage
Chile	Hot Rock Limited* Possibly sold to EDC	Antofagasta	San Jorge					Prospect
Chile	Enel Green Power	Atacama	San Jose 1					Prospect
Chile	Ormat Technologies	Atacama	San Jose 2					Early Stage
Chile	Ormat Technologies	Los Lagos	San Pablo					Early Stage
Chile	Energy Development Corp.	Tarapaca	San Rafael					Prospect
Chile	Hot Rock Limited* Possibly sold to EDC	NE of the city of Osorn	Santa Macarena					Early Stage
Chile	Ormat Technologies	Araucania	Sillipulli					Early Stage
Chile	Zaldivar Mining Company	Antofagasta	Socompa					Prospect
Chile	Ormat Technologies	Araucania	Sollipulli					Prospect
Chile	Energia Andina		South 1 Puchuldiza Project					Early Stage
Chile	Infinergeo SpA	Arica y Parinacota Region	Tacora					Early Stage
Chile	Alterra Power		Tres Puntas					Prospect
Chile	Hot Rock Limited* Possibly sold to EDC	Antofagasta	Tuyajto					Prospect
Chile	Energia Andina	Antofagasta	Tuyajto Project					Early Stage
Chile	Enel Green Power	Antofagasta	Cerro Pabellon		2016	120	120	Early Stage
Chile	GeoGlobal	Tolhuaca	Curacautin		2018	70	70	Early Stage
Chile	Alterra Power JV Energy Development Corporation		Mariposa geothermal power project	Alterra (30%) and EDC (70%)	2018		320	Early Stage
China	Jiangxi Huadian Electric Power Co	Yangyi, Tibet	Yangyi			32	32	Prospect
China	Piling Engineering Co. Ltd	Daxing district, a southern suburb of Beijing	Fengsheng geothermal field			2	2	Early Stage
China	Petratherm	South East china	Jiangsu					Prospect

China	Petratherm	South East china	Zhangzou					Prospect
China	Electric Power Tibet		N/A					50 On Hold
China	N/A	Caiyu County of Beijing	Langgu Sag					Prospect
China	N/A	Anhui Province	Bozhou City					Prospect
Columbia	Andean Community of Nations (CAN) and Electrical Corporation E	border with Ecuador	Tufiño (Binational Ecuador Project)			80	138	Prospect
Columbia	Isagen	municipality of Villamaría,	Villamaría project					Early Stage
Columbia	RESPEC Consulting & Services and Dewhurst group		Nevalo del Ruiz Volcano					Prospect
Comoros Island	Gafo Energy NZ	Comoros Islands	Comoros Island					Early Stage
Costa Rica	Rican Electricity Institute, or ICE and JICA		Borinquen	Unit 1		50	50	Prospect
Costa Rica	Rican Electricity Institute, or ICE and JICA		Borinquen	Unit 2		50	50	Prospect
Costa Rica	Costa Rica Electricity Institute (ICE)	Guanacaste Conservation Area	Rincón de la Vieja National Park					Prospect
Costa Rica	Costa Rica Geothermal Resources Service JICA funds the project.		Pailas II		2018	20	55	Early Stage
Croatia	PAN Papirna Industrija	Slatina in Western Croatia	plant I		2014			Early Stage
Czech Republic	Municipality of Litomerice, Geotermalni Litomerice Co. Hot Dry Rock		Litomerice	NER300 EGS project			5	5 Early Stage
Czech Republic	Entergeo	North Bohemian municipality of Tanvald	Tanvald					On Hold
Djibouti	Djibouti Government	Lake Assal	Fiale area			50	150	Early Stage
Djibouti	Djibouti Government		Nord-Ghoubbet area					Prospect
Djibouti	Djibouti Government		Manda Inakir area					Prospect
Djibouti	Djibouti Government		Abhe bad area					Prospect
Djibouti	Djibouti Government		Obock site					Prospect
Djibouti	Djibouti Government		Roueli area (near Tadjoura)					Prospect
Djibouti	Djibouti Government		Garabayis site					Prospect
Dominica	West Indies Power (company out of business?)	Soufriere region of Dominica	Soufriere region					130 On Hold
Dominica	Iceland Drilling company	Roseau Valley	Wotten Waven		2015	15	120	Under Construction
Ecuador	Ministry of Electricity and Renewable Energy(seeking Private Invest	Carchi – Nariño (Chacana Caldera)	TUFIÑO – Chilles Cerro Negro (Binational Columbia Project)					114 Prospect
Ecuador	Ministry of Electricity and Renewable Energy(seeking Private Invest	Carchi	Chalpatán					Prospect
Ecuador	Ministry of Electricity and Renewable Energy(seeking Private Invest	Imbabura	Chachimbaro					130 Prospect
Ecuador	Ministry of Electricity and Renewable Energy(seeking Private Invest	Napo Province	Plio-Quaternary Chacana					438 Prospect
El Salvador	LaGeo	San Miguel	Chinameca					40 Prospect
El Salvador	LaGeo	San Vicente						Prospect
Eritrea	Eritrea Government		Alid					Prospect
Eritrea	Eritrea Government		Nabro-Dubbi					Prospect
Ethiopia	Ethiopian Government JV Reykjavik's Geothermal	Tendaho Alalobeda and Aluto Langano	The Corbetti Geothermal Prospect area	Phase 1		500		Early Stage
Ethiopia	Ethiopian Government JV Reykjavik's Geothermal		The Corbetti Geothermal Prospect area	Phase 2		500	1000	Early Stage
Ethiopia	Ethiopian Government (assistance from Italian Government)	Northern Afar Valley	The Tendaho Geothermal Field			5	20	Early Stage
Ethiopia	Ethiopian Government	Lake Abaya	The Abaya Geothermal Prospect Area					Early Stage
Ethiopia	Ethiopian Government		The Dofan Geothermal Prospect Area					Early Stage
Ethiopia	Ethiopian Government		The Fantale Geothermal Prospect Area					Early Stage
Ethiopia	Ethiopian Government		The Tulu Moye Geothermal Prospect Area					Early Stage
Ethiopia	Ethiopian Electric Power Corporation		Aluto-Langano		2015	63	100	Under Construction
Fiji	Geothermal Electric Limited		Savu Savu			3	3	Early Stage
Fiji	KUTh Energy		KUTh Project					Prospect
Fiji	Geothermal Electric Limited		Labasa-Tabia					Prospect
France	Soultz Geothermal Project		Soultz-sous-Forêts			1.5	1.5	Under Construction
France	Fonroche Geothermie SAS		Western Pyrenees					Prospect
France	Electre de France		Massif Central					Prospect
Germany	Geothermischen Kraftwerksgesellschaft Traunreut mbH (GKT)	Bavaria	Traunreut	2014		4.1	4.1	Under Construction
Germany		Bavaria	Durrnhaar			5.5	5.5	Under Construction
Germany	Daldrup & Söhne AG	Bavaria	Taufkirchen/Oberhaching	2014		4	4	Under Construction
Germany		Bavaria	Maurstetten			5	5	Under Construction
Germany		Bavaria	Sauerlach			5	5	Operational
Germany	Geothermeon	Upper Rhine Graben, Rheinland-Pfalz	Sieboldingen					Early Stage
Germany	N/A	Bad Urach (EGS)	Bad Urach (EGS)					Under Construction
Germany		Bavaria	Kirchweidach		2015	6.6	6.6	Under Construction
Germany		Baden Württemberg	Brühl		2015	6	6	Under Construction

Germany	Enx	Bavaria	Geretsried/Wolfratshausen		2015	5	5	Under Construction
Greece	PPC Renewables	Lesvos	Lesvos	Lesvos			8	Early Stage
Greece	PPC Renewables	Kimolos	Kimolos	Kimolos			5	Early Stage
Greece	PPC Renewables	Methana	Methana	Methana			5	Early Stage
Greece	PPC Renewables	Nisyros	Nisyros	Nisyros			5	Early Stage
Guadeloupe	BRGM (French overseas development)	Bouillante	Bouillante 3 (Expansion)					Early Stage
Guatemala	Radius Gold Inc.	N/A	N/A					Prospect
Guatemala	Centram Geothermal JV ADAGE Ventures Inc.	northwest of Guatemala City	Aitán					Prospect
Guatemala	Centram Geothermal JV ADAGE Ventures Inc.	northeast of Guatemala City	Joaquina					Prospect
Guatemala	Ormat Technologies		Amatitán Phase II					Early Stage
Guatemala	Ormat Technologies		Tecumburu					Early Stage
Guatemala	US Geothermal	Guatemala City	El Ceibillo	El Ceibillo	2015	25	50	Early Stage
Guatemala	N/A	N/A	N/A		2016	150	150	Prospect
Honduras	Ormat Technologies		Platanares Project	Phase 2			17	Prospect
Honduras	Ormat Technologies		Platanares Project	Phase 1	2017	18	35	Prospect
Hungary	Green Rock Energy		Carpathian Basin					N/A
Hungary	Pending	Central Hungary	Kecskemét					Early Stage
Hungary	Pending	Southern Hungary	Ferencszállás					Early Stage
Hungary	Green Rock Energy	Central Hungary	Jászberény					Early Stage
Hungary	N/A	Central Hungary	Ferencszállás		2015			Prospect
Iceland	Reykjavik Energy/ Orkuveita Reykjavíkur		Hverahlid		2014	90	90	Under Construction
Iceland	Landsvirkjun	Southeast Iceland	Hágönguvirkjun	Phase 2 & 3			90	Early Stage
Iceland	Landsvirkjun	Northeast Iceland	Krafla	Krafla II, Phase 2 & 3			90	Early Stage
Iceland	Landsvirkjun	Northeast Iceland	Theistareykir	Phase 1 & 2			90	Early Stage
Iceland	Landsvirkjun	Northeast Iceland	Theistareykir	Phase 3 & 4			90	Early Stage
Iceland	Landsvirkjun	Northeast Iceland	Bjarmarflag	Phase 1 & 2			90	Under Construction
Iceland	Landsvirkjun	Northeast Iceland	Gjástykki				45	Early Stage
Iceland	Landsvirkjun	Southeast Iceland	Hágönguvirkjun	Phase 1			45	Early Stage
Iceland	Landsvirkjun	Northeast Iceland	Krafla	Krafla II, Phase 1			45	Early Stage
Iceland	Alterra Power		Trölladyngja					Prospect
Iceland	Alterra Power		Eldvörp					Early Stage
Iceland	Alterra Power		Krýsuvík					Early Stage
Iceland	Reykjavik Energy/ Orkuveita Reykjavíkur		Grahnjúkar		2015			Early Stage
Iceland	Alterra Power (HS ORKA)		Reykjanes Expansion	Reykjanes 3	2016	50	80	Under Construction
Iceland	Alterra Power (HS ORKA)		Reykjanes Expansion	Reykjanes 4	2016	30	80	Under Construction
Iceland	Reykjavik Energy/ Orkuveita Reykjavíkur		Bitra		2017			Early Stage
India	GeoSyndicate		Andhra Pradesh			25	25	Prospect
India	Minister for New and Renewable Energy		Ladakh				3	Early Stage
India	Indian oil and gas giant ONGC		Gandhar field	Gujarat			3	Prospect
India	Wadia Institute of Himalayan Geology		N/A					Prospect
India	state-owned NTPC/ Chhattisgarh government		Chhattisgarh					Prospect
India	Raya Group		Puga					Prospect
India	National Thermal Power Corp./ Chhattisgarh Renewable Energy De	Tattapani area	Tattapani					Early Stage
India	GeoSyndicate	Kashmir	Pugah valley					Prospect
Indonesia	PT Pertamina Geothermal Energy	North Sulawesi	Sulawesi - Lahendong	Lahendong Unit 5	2014	20	20	Under Construction
Indonesia	Pertamina Geothermal Energy	West Java	West Java	Karahad Bodas	2014		20	Under Construction
Indonesia	PT Pertamina Geothermal Energy	Kerinci, Jambi	Sungai Penuh	Unit 1	2014	200	200	Early Stage
Indonesia	PT. Geo Dipa Energy	Java-Bandung	Patuha	Unit 1	2014	55		Under Construction
Indonesia	PLN	West Java	Ulumbu		2014	5	5	Under Construction
Indonesia	PT Sorkik Merapi Geothermal	North Sumatra	Sorik Merapi-Roburan Sampuraga				240	Early Stage
Indonesia	PT Syntesa Banten Geothermal (SBG)	Banten Province	Pandelang			225	225	Prospect
Indonesia	Sejahtera Alam Energy	Banyumas	Batu Raden			220	220	Prospect
Indonesia	Supreme Energy	Lampung	GN Rajabasa			220	220	On Hold
Indonesia	Supreme Energy	West Sumatra Province	Muara Laboh-Liki Pinangawan			220	220	Early Stage
Indonesia	Supreme Energy	South Sumatra	Rantau Dadap			220	220	Early Stage

Indonesia	Chevron Geothermal Suoh Sekincau	Lampung	Suoh Sekincau			220	220	Prospect
Indonesia	Raya Group JV PT Bakrie Power	East Java	Ngebel			165	220	Early Stage
Indonesia	N/A	West Java	Jampang			119	225	Prospect
Indonesia	Sintesa Banten Geothermal	Banten	Kaldera-Danaau-Banten			110	110	Prospect
Indonesia	PT Pertamina Geothermal Energy	Bengkulu	Tambang Sawah-Hulu Lais	Unit 1 and 2		110	300	Early Stage
Indonesia	Giri Indah Sejahtera	Semarang & Kendal	Unggaran			110	110	Prospect
Indonesia	Raya Group		Jambi			80	80	Early Stage
Indonesia	PT Pertamina Geothermal Energy	North Sulawesi	Kotamobagu			80	180	Early Stage
Indonesia	Chevron Geothermal Indonesia	West Java	Mt. Ciremai			75	150	Under Construction
Indonesia	PT. Wahana Sambodhasakti	Bandung	Ciater			60	60	Early Stage
Indonesia	Bali Energy Ltd.	Tabanan	Bedugul field	Bali Project 2		55	55	Canceled
Indonesia	Bali Energy Ltd.	Tabanan	Bedugul field	Bali Project 3		55	55	Canceled
Indonesia	Bali Energy Ltd.	Tabanan	Bedugul field	Bali Project 4		55	55	Canceled
Indonesia	Spring Energy	Pemalang	Guci			55	55	Prospect
Indonesia	Medco Power	East Java	Ijen	Ijen 1		55	55	Early Stage
Indonesia	Medco Power	East Java	Ijen	Ijen2		55	55	Early Stage
Indonesia	PT Pertamina Geothermal Energy	Java-Probolingoo	Iyang Argopuro			55	55	Early Stage
Indonesia	PT Pertamina Geothermal Energy	South Sumatra	Lumat Balai 1 & 2		2015	110	110	Under Construction
Indonesia	Optima Nusantara Energi	Lampung	Wai Ratai			55	55	Prospect
Indonesia	N/A	West Java	Tanggeung			53	100	Prospect
Indonesia	Star Energy (Wayang Windu)	West Java	Wayang Windu	Wayang Windu 3	2015	60	127	Early Stage
Indonesia	Pertamina Geothermal	West Java	West Java	Kamojang Unit 5	2015	35	35	Under Construction
Indonesia	N/A	West Java	Cilayu			35	100	Prospect
Indonesia	Raya Group		Daira Prima			30	60	N/A
Indonesia	PT Pertamina Geothermal Energy	West Java	Kamojang/Karaha Bodas	Unit 1		30	360	Early Stage
Indonesia	Raya Group/Sokaria Geothermal Indonesia		Sokoria			30	30	Prospect
Indonesia	Teknosatrial Energy/Layman Energy Association	West Java	Cibuni	Cibuni Geothermal Power Project		20	20	Early Stage
Indonesia	Pacific Geo Energy	Dompu	Huu- Daha			20	20	Prospect
Indonesia	PT Pertamina Geothermal Energy	North Sulawesi	Sulawesi - Lahendong	Lahendong Unit 6		20	20	Under Construction
Indonesia	PT PLN	Lombok Mt. Rinjani	Sembanun			20	20	Prospect
Indonesia	N/A	West Java	Cibingbin			13	25	Prospect
Indonesia	N/A	West Java	Kromong			13	25	Prospect
Indonesia	West Indies Power	Lembata	Atadei			10	10	Prospect
Indonesia	Bali Energy Ltd.	Tabanan	Bedugul field	Bali Project 1		10	10	Canceled
Indonesia	Pt. Sabang Geothermal Energy	Aceh	Jaboi			10	10	Prospect
Indonesia	Star Energy		Jailolo			10	10	Prospect
Indonesia	PLN		Cibuni			2	10	Under Construction
Indonesia	N/A	West Java	Galunggung					Prospect
Indonesia	N/A	West Java	Gede-Pangrango					Prospect
Indonesia	PT PLN	Bajawa	Mataloko					Prospect
Indonesia	Chevron Geothermal Indonesia	Mount Geureudong	Mount Geureudong					Prospect
Indonesia	PT Pertamina Geothermal Energy	Lampung	Ujibelu Units 3 & 4					Early Stage
Indonesia	ITOCHU Copr. (25%), Kyushu Electric Power (25%), PT Medco Power	North Sumatra	Sarulla project	Stage 1	2016	110	330	Under Construction
Indonesia	PT PLN funding from JICA	Maluku-Ambon	Maluku-Ambon	Tulehu	2016	20	20	Under Construction
Indonesia	Pertamina/ Tangkuban Perahu Geothermal		Tangkuban Parahu		2017	120	120	Early Stage
Indonesia	PT Pertamina Geothermal Energy	South Sumatra	Lumat Balai 3 & 4		2017	110	110	Under Construction
Indonesia	PT. Geo Dipa Energy	Java-Bandung	Patuha	Unit 2	2017	55	110	Under Construction
Indonesia	Wijaya Karya Jabar Power		Tampomas		2017	45	45	Early Stage
Indonesia	Pertamina/ Jabar Rekind Geothermal	Sukabumi	Cisolok-Cisukarame		2017	40	40	Early Stage
Indonesia	ITOCHU Copr. (25%), Kyushu Electric Power (25%), PT Medco Power	North Sumatra	Sarulla project	Stage 2	2018	110		Early Stage
Indonesia	ITOCHU Copr. (25%), Kyushu Electric Power (25%), PT Medco Power	North Sumatra	Sarulla project	Stage 3	2018	110		Early Stage
Indonesia	Pertamina Geothermal Energy	Sungai Penuh	Sungai Penuh					Under Construction
Ireland	GT Energy	Dublin	Newcastle			4.5	4.5	Early Stage
Italy	Enel Green Power	Tuscany	Mt. Amiata-Bagnore	Bagnore 4	2014	40	40	Under Construction
Italy	Hera		Ferrara			0.25		Early Stage

Italy	Alterra Power JV Graziella Green Power	Tuscany	Mensano				Prospect
Italy	Alterra Power JV Graziella Green Power	Tuscany	Roccastrada				Prospect
Italy		southern Italy	Campi Flegrei Deep Drilling project				Early Stage
Jamaica		St. Thomas	Bath Spring				Prospect
Jamaica		St. Thomas	Mt. Felix Spring				Prospect
Jamaica		St. Thomas	Garbrand Hall Spring				Prospect
Jamaica		Kingston	Rockfort Spring				Prospect
Jamaica		St. Catherine	Ferry Hill Spring				Prospect
Jamaica		Clarendon	Salt River Spring				Prospect
Jamaica		Clarendon	Milk River Spring				Prospect
Jamaica		St. Elizabeth	Black River Spring				Prospect
Jamaica		St. Ann	Windsor Spring				Prospect
Jamaica		St. Ann	Yankee River Spring				Prospect
Jamaica		Westmoreland	Buxton Spring				Prospect
Jamaica		St. Thomas	Guava River Spring	2016	15	15	Prospect
Japan	Kyushu Electric Power Corp	municipality of Kokonoe	Oita Prefecture	2015	5	5	Early Stage
Japan	Tsuchiyu onsen energy Co.	Fukushima City, Fukushima	Tsuchiyu onsen	2015	0.4	0.4	Early Stage
Japan	Kokushokankokai	Teshikaga Town, Hokkaido	Teshikaga Town, Hokkaido		0.1	0.1	Under Construction
Japan	Idemitsu kosan, INPEX, MOECO	Akaigawa Village and Sapporo City, Hokkaido	Amemasdake area				Early Stage
Japan	JAPEX	Alan Natural Park	Furebetsudake south area				Prospect
Japan	Esu-Esu consultant Co.	Asyoro Town, Hokkaido	Asyoro Town area				Early Stage
Japan	Idemitsu kosan, JAPEX, INPEX, MOECO, Mitsubishi Corp, Sumitomo	Bandai-Asahi natural Park	Bandai area				Early Stage
Japan	Idemitsu kosan, JAPEX, INPEX, MOECO, Mitsubishi Corp, Sumitomo	Bandai-Asahi natural Park	Azuma-Adataru area				Prospect
Japan	Ebino City, Miyazaki	Ebino City, Miyazaki	Ebino City, Miyazaki				Prospect
Japan	Mitsubishi material Corp	Hachimantai City, Iwate	Appi area				Early Stage
Japan	Iwate geothermal Corp, (JV of Japan Metals and Chemicals Corp, G	Hachimantai City, Iwate	Matsuo Hachimantai area				Early Stage
Japan	NPO REDS Syonan	Higashi-izu Town, Shizuoka	Atagawa onsen area in Higashi-izu Town				Prospect
Japan	Hirosaki City, Aomori	Hirosaki City, Aomori	Iwakisan area				Early Stage
Japan	Okushiri Town, Hokkaido	island of Okushiri	island of Okushiri				Prospect
Japan	Nittetsu Mining Corp	Kirishima City, Kagoshima	Kirishima City, Kagoshima				Prospect
Japan	Edit Co.	Kokonoe Town, Oita	Kokonoe Town				Prospect
Japan	Tohoku Electric Power Co. Group	kurikoma Natural Park	Kijiyama-Shitanotai				Early Stage
Japan	Idemitsu kosan, INPEX, MOECO	Kurikoma Natural Park	Oyasu area				Early Stage
Japan	Geo-Energy Co. and O-taka Co.	Kurobe City, Toyama	Unazuki Onse area				Early Stage
Japan	Hourei Co.	Oguni City, Kumamoto	Hourei-no-yu area				Early Stage
Japan	Ishimatsu no-en Co.	Oguni City, Kumamoto	Iwamatsu no-en				Early Stage
Japan	Keiyo Plant Engineering Co.	Oguni Town, Kumamoto	Oguni Town				Prospect
Japan	JX Nippon Oil and Gas Exploration Corp	Sapporo City, Hokkaido	Toyoha area				Early Stage
Japan	JAPEX	Shibetsu Town, Hokkaido	Musadake area				Early Stage
Japan	Hyogo Gov and Shinonsen Town Gov	Shin-onsen Town, Hyogo	Shin-onsen Town, Hyogo				Prospect
Japan	Marubeni Co.	Taisetsuzan Natural Park	Shiromizusawa area				Early Stage
Japan	Wakayama gov.	Tanabe City and Shirahama Town, Wakayama	Hongu area in Tanabe City and Shirahama Town				Prospect
Japan	East Japan Railway Co., Kawasaki Heavy Industries and Obayashi Co	Tohoku region in Aomori Prefecture	Tohoku region in Aomori Prefecture				Early Stage
Japan	Toya spa corp	Toyako Town, Hokkaido	Toyako onsen area				Early Stage
Japan	Orix Co.	Kazamura Village, Aomori	Shimofuro area				Early Stage
Japan	Geothermal Engineering Co.	Shizukushi Town, Iwate	Amihari area				Early Stage
Japan	Ohyama Kanko Kaihatsu	Toyama City, Toyama	Tateyama Sanroku area				Early Stage
Japan	Uraysudensetsu and Mizuwakenosato	Kokonoe Town, Oita	Chiradani area				Early Stage
Japan	Takafuji Co.	Kokonoe Town, Oita	Noya area				Early Stage
Japan	Kyushu Electric Power Corp	Yufu City, Takeda City and Kokonoe Town, Oita	Heijidake North area				Early Stage
Japan	Bflat	Beppu City, Oita	Beppu City, Oita				Prospect
Japan	Oita Gov	Beppu City, Oita	Beppu City, Oita				Prospect
Japan	Tsujiita Group	Beppu City, Oita	Beppu City, Oita				Prospect
Japan	Oita Venture Capital Co.	Yufu City, Oita	Yufu City, Oita				Prospect
Japan	Tsurugakankokaihatsu and Hokuden Sogo Sekkei Co.	Niseko Town and Rankoshi Twon, Hokkaido	Niseko Town and Rankoshi Twon, Hokkaido				Prospect

Japan	Nakashibetsu Town Gov	Nakashibetsu Town, Hokkaido	Nakashibetsu Town, Hokkaido				Prospect
Japan	Harasho	Hachimantai City, Iwate	Hachimantai City, Iwate				Prospect
Japan	Sanbeam	Matsuzaki Twon, Shizuoka	Matsuzaki Twon, Shizuoka				Prospect
Japan	NPO Nanto Genki	Nanto City, Toyama	Nanto City, Toyama				Prospect
Japan	Tsumagoi Village Gov	Tsumagoi Village, Gunma	Tsumagoi Village, Gunma				Prospect
Japan	Minami Aso Village Gov	Minami Aso Village, Kumamoto	Minami Aso Village, Kumamoto				Prospect
Japan	Yuzawa Geothermal Corp (JV of J-POWER, Mitsubishi Materials Co	Yuzawa City, Akita	Wasabizawa-Akinomiya area	2020	42	42	Early Stage
Kenya	Africa Geothermal International Kenya Limited		Longonot	2014	140		Prospect
Kenya	KenGen	South Rift	Olkaria IV	Olkaria IV	2014	140	350 Under Construction
Kenya	Geothermal Development Company	Central Rift	Badlands Geothermal Prospect				200 Early Stage
Kenya	Geothermal Development Company	North Rift	Baringo Geothermal Prospect				200 Early Stage
Kenya	Geothermal Development Company	North Rift	Barrier Geothermal Prospect				450 Early Stage
Kenya	Geothermal Development Company	Central Rift	Bogoria Geothermal Prospect				400 Early Stage
Kenya	Geothermal Development Company	North Rift	Emuruogogolai Geothermal Prospect				650 Early Stage
Kenya	Geothermal Development Company	North Rift	Korosi Geothermal Prospect				450 Early Stage
Kenya	Geothermal Development Company	South Rift	Longonot				750 Early Stage
Kenya	Geothermal Development Company	South Rift	Magadi				100 Early Stage
Kenya	Geothermal Development Company	North Rift	Namaruru Geothermal Prospect				400 Early Stage
Kenya	Geothermal Development Company	North Rift	Paka				500 Early Stage
Kenya	Geothermal Development Company	North Rift	Silali Geothermal Prospect				800 Early Stage
Kenya	Clean Source Energy		Mois-Bridge				Early Stage
Kenya	Clean Source Energy		West Pokot				Early Stage
Kenya	KenGen		Olkaria I Unit 4 & 5	Olkaria I Unit 4 & 5	2016	140	140 Under Construction
Kenya	Geothermal Development Company	Central Rift	Menengai Geothermal Prospect		2017	90	400 Early Stage
Kenya	Geothermal Development Company looking for IPP	South Rift	Suswa	Phase I	2018	300	600 Early Stage
Kyrgyzstan	Raya Group, Hot Dry Rock Pty Ltd		N/A				On Hold
Latvia	City of Riga	City of Riga	Inylchek			3	4 Prospect
Malaysia	Tawau Green Energy		Sabah's East Coast	Apas Kiri	2016	30	30 Early Stage
Martinique	BRGM (French overseas development)	Martinique	La Martinique				N/A
Mexico	Mexican Federal Electricity Commission (CFE)		Los Azufres	Los Azufres III	2014	50	50 Under Construction
Mexico	Mexican Federal Electricity Commission (CFE)	Puebla	Los Humeros	Los Humeros III	2014	25	25 Under Construction
Mexico	Mexican Federal Electricity Commission (CFE)		Cerritos Colorados			75	75 Prospect
Mexico	Mexcus RG, is aJV between Mexcus Drilling International and Reykjavik Energy	Nayarit	Ceboruco Geothermal Prospect	Phase 2		70	Prospect
Mexico	Mexcus RG, is aJV between Mexcus Drilling International and Reykjavik Energy	Nayarit	Ceboruco Geothermal Prospect	Phase 1		30	Prospect
Montserrat	Montserrat Government	Montserrat	Cork Hill			2	5 Under Construction
Myanmar (Burma)	Emerging Markets Energy Pte Ltd	Shan state, Tanintharyi, Sagaing, Magway and Mandalay regions					Prospect
Netherlands	Transmark Renewables		Friesland				Prospect
Netherlands	Transmark Renewables		Noord-Brabant				Prospect
Nevis	Nevis Renewable Energy International	Nevis Island	Spring Hill			50	50 Early Stage
New Zealand	Contact Energy	North Island	Tauhara	Tauhara 2		240	240 Early Stage
New Zealand	Top Energy	Northland	Ngawha	Plant 1 Extension		100	Prospect
New Zealand	Norske Skog Tasman		Kawerau			16	16 N/A
New Zealand	Ormat Technologies	North Island	Tikitere				Prospect
New Zealand	Mighty River Power (permit pending)	North Island	Rotorua				Prospect
New Zealand	Mighty River Power (permit pending)	North Island	Taheke				Prospect
New Zealand	Mighty River Power		Rotokawa	Rotokawa II (Nga Awa Purua)			N/A
Nicaragua	Ram Power	northwest of Nicaragua, near the city of Leon	San Jacinto	San Jacinto Phase III		10	277 Early Stage
Nicaragua	Ram Power		Casita Project				140 Early Stage
Nicaragua	GEONICA (Enel and LaGeo)		El Hoyo- Monte Galan				Prospect
Nicaragua	Field currently has no owner as of March 2011		Managua-Chiltepe				Prospect
Nicaragua	Leftover developing Nicaragua Resource						1083 Prospect
Northern Mariana	KUTH Energy - lost contract two RFPs out	Saipan	Saipan	Saipan			Prospect
Norway	The Research Council of Norway	Oslo	Oslo	NEXT-Drill			Early Stage
Panama	Centram Geothermal JV ADAGE Ventures Inc.	NW	Baru and Colorado Volcanoes				Prospect
Peru	Hot Rock Limited* Possibly sold to EDC	Southern Peru	Achumani				150 Prospect

Peru	Magma Energía Geotérmica		Arequipa region					Prospect
Peru	Alterra Power JV Energy Development Corporation		Atarani					Prospect
Peru	Dakotta Territory Resources Corp/ Andean Geothermic Energy S.A	Puno	Atecata					Prospect
Peru	Dakotta Territory Resources Corp/ Andean Geothermic Energy S.A	Arequipa	Banas De Inca					Prospect
Peru	Enel Green Power		Carumas, Moquegua					Prospect
Peru	Hot Rock Limited* Possibly sold to EDC	Lampa Province	Chocopata					Prospect
Peru	Dakotta Territory Resources Corp/ Andean Geothermic Energy S.A	Puno	Coline					Prospect
Peru	Dakotta Territory Resources Corp/ Andean Geothermic Energy S.A	Cusco	Condorama North					Prospect
Peru	Dakotta Territory Resources Corp/ Andean Geothermic Energy S.A	Cusco	Condorama South					Prospect
Peru	Alterra Power JV Energy Development Corporation		Crucero					Prospect
Peru	Alterra Power JV Energy Development Corporation		Loriscota					Prospect
Peru	Dakotta Territory Resources Corp/ Andean Geothermic Energy S.A	Ayacucho	Ninobama					Prospect
Peru	Hot Rock Limited* Possibly sold to EDC		Ocururane				90	Prospect
Peru	Dakotta Territory Resources Corp/ Andean Geothermic Energy S.A	Arequipa	Pacilla					Prospect
Peru	Alterra Power JV Energy Development Corporation		Panejo					Prospect
Peru	Eco Energy		Pinaya IV					Prospect
Peru	Eco Energy		Pinaya V					Prospect
Peru	Geotermica Quellapacheta Peru S.A.C (GQP) owned by EDC		Quellapacheta				100	Prospect
Peru	Hot Rock Limited* Possibly sold to EDC	Ancash region	Rupha tenement					Prospect
Peru	Alterra Power JV Energy Development Corporation		Sara Sara					Prospect
Peru	Alterra Power JV Energy Development Corporation		Suche					Prospect
Peru	Hot Rock Limited* Possibly sold to EDC	Southern Peru	Turu Project					Prospect
Peru	Alterra Power JV Energy Development Corporation		Tutupaca Norte				320	Prospect
Philippines	Energy Development Corp.	Southern Negros	Negros Oriental	Nasulo	2014	20	20	Under Construction
Philippines	Energy Development Corp.		Sorsogon	Kayabon	2015	50	50	Early Stage
Philippines	Energy Development Corp.		Tanawon	Tanawon	2015	50	50	Early Stage
Philippines	Envent JV Orka Energy Biliran Geothermal Inc	Biliran Island		Biliran	2016	49	200	Under Construction
Philippines	Energy Development Corp.		Rangas	Rangas	2015	40	40	Early Stage
Philippines	Energy Development Corp.		Bicol	Labo		65	65	Early Stage
Philippines	Constellation Energy Corp JV Emerging Power Resource Holdings	Oriental Mindoro		Montelago	2016	20	70	Under Construction
Philippines	Energy Development Corp.		Bacon-Manito/Sorsogon/Alb	Bacman 3		40	40	Under Construction
Philippines	Energy Development Corp.		Negros Occidental	Lakewood		40	40	Early Stage
Philippines	Energy Development Corp.		Negros Oriental	Dauin		40	40	Early Stage
Philippines	Energy Development Corp.		Misamis Occidental	Mt. Ampiro		30	30	Early Stage
Philippines	Energy Development Corp.		Southern Leyte	Cabalian		30	30	Early Stage
Philippines	Basic Energy Corp JV Trans-Asit Oil and Energy Corp	Calumpun Peninsula		Mabini, Batangas		20	20	Early Stage
Philippines	Energy Development Corp.		Misamis Occidental	Balingasag		20	20	Early Stage
Philippines	Energy Development Corp.		Negros Occidental	Mandalagan		20	20	Early Stage
Philippines	Energy Development Corp.		North Cotabato	Mt. Zion		20	20	Early Stage
Philippines	Clean Rock Renewable Energy Resources Corp			Daklan				Prospect
Philippines	Basic Energy Corp	Benguet		East Mankayan				Prospect
Philippines	Summa Kumagail Inc.			Irosini/Sorsogon				Prospect
Philippines	Aboitiz Power Renewables	North Cotabato, Mindanao		Kapatagan-Sibulan				Prospect
Philippines	Basic Energy Corp	Camarines Sur		Mt. Iriga				Prospect
Philippines	Basic Energy Corp	Bataan		Mt. Mariveles				Prospect
Philippines	Philippine National Oil Company - Magma Energy Resources			Mt. Province				Early Stage
Philippines	Clean Rock Renewable Energy Resources Corp			Natib				Prospect
Philippines	AP Renewables Inc (Subsidiary Aboitiz Power Corp)	Zambales		Negron-Caudrado				Early Stage
Philippines	Aboitiz Power Renewables	North Cotabato, Mindanao		Talomo-Tico				Prospect
Philippines	Basic Energy Corp	Sorsogon		West Bulusan				Prospect
Philippines	Energy Development Corp.			Cotabato	2017	50	50	Under Construction
Philippines	Chevron Kalinga JV Aragorn Power orp	Northern Luzon		Kalinga geothermal project	2018	100	100	Early Stage
Portugal	SOGEO S.A.			Ribiera Grande (Sao Miguel Island)	2016	10	10	Early Stage
Portugal	Geoterceira, S.A			Pico Alto	2016	3	7	Early Stage
Republic of Vanuatu	Geodynamics	Efate		Efate I	2015	4	4	Early Stage



Country	Company	Region	Field Name	Field Name	Year	Capacity (MW)	Capacity (MW)	Status
Republic of Vanuatu	Geodynamics	Efate	Efate	Efate 2	2017			Prospect
Reunion	BRGM (French overseas development)	La Reunion	La Reunion					N/A
Russia		Kunashir Island	Mendelevskaya	Mendelevskaya		3.2	3.2	Prospect
Russia		Kamchatka	Pauzhetskaya	Pauzhetskaya		2.5	2.5	Prospect
Rwanda	Rwanada Government/Ken Gen		Karisimbi		2014	10	320	Early Stage
Rwanda	Rwanada Government/Ken Gen	Southern Region	Bugarama				60	Prospect
Rwanda	Rwanada Government/Ken Gen		Gisenyi				200	Prospect
Rwanda	Rwanada Government/Ken Gen		Kinigi				120	Prospect
Saba	West Indies Power		Saba Island					Canceled
Serbia	Resevior Capital Corp	Vranjska Banja	Vranjska Banja- Southern Serbia					Early Stage
Serbia	Resevior Capital Corp	Vojvodina Province	Vojvodina Province- Northern Serbia					Early Stage
Slovakia	AI Farma	Trnovec nad Váhom	Trnovec Váhom			5	5	Prospect
Slovakia	AI Farma	Kosice	Kosice					Prospect
Slovakia	AI Farma	Salad	Salad					Prospect
Solomon Islands	Kentor Energy/ Geodynamics	Solomon Islands	Solomon Islands		2018	20	30	Early Stage
South Korea	KITECH and Altarock	Gwangju	Deep drilling project, reached 3500m in summer 2013, drilling deeper			3.5	3.5	Early Stage
South Korea	Korea Institute of Geosciences and Mineral Resources		Pohang					Early Stage
Spain	Bleninser	Gaudix in Granada	Gaudix		2016	10	10	Early Stage
Spain	Petratherm	Canary Islands	Tenerife			3.5	5	Under Construction
Spain	Petratherm	Canary Islands	Gran Canaria					Early Stage
Spain	Petratherm	Canary Islands	La Palma					Early Stage
St. Lucia	Qualibou Energy	St. Lucia	Soufriere				120	Early Stage
St. Vincent and Grenadines	Reykjavik Geothermal							Prospect
Switzerland	Sol-E Suisse/ BkW; Enhanced Geothermal Systems	Eclépens	GP Eclépens					Early Stage
Switzerland	SI-REN SA, Municipality of Lausanne, EOS-Holding SA, Romande En	Lavey-les Bains	AG EPP					Early Stage
Switzerland	St. Galler Stadwerke (SGSW; Municipality); hydrothermal	St. Gallen	Geothermie St. Gallen				3	Early Stage
Tanzania	Geothermal Power Tanzania (GPT)	Mbeya region	Ngosi Area		2018	10	140	Early Stage
Tanzania	Geothermal Power Tanzania (GPT)	SSE of Dar es Salaam	Rufiji		2018	5		Early Stage
Tanzania	Geothermal Power Tanzania (GPT)	Mbeya region	Mbaka Area		2018			Early Stage
Turkey	Zorlu Enerji	Denizli	Denizli-Saraykoy	Kizildere-2	2014	80	80	Operational
Turkey	Celikler A.S.	Aydin	Aydin-Pamukoren	Pamukoren	2014	45	45	Under Construction
Turkey	Menderes A.S.	Aydin	Aydin-Salavati	Dora III U2	2014	20	20	Under Construction
Turkey	BM Enerji	Aydin	Aydin-Gumusko	Gumusko	2014	15	15	Under Construction
Turkey	Zorlu Enerji	Manisa	Manisa-Alesehir		2015	40	40	Under Construction
Turkey	Burc Group	Aydin	Aydin-Burc Grup	Burc Grup		100	100	Early Stage
Turkey	Ella Engineering Group, RARIK, Zorlu Enerji	Adiyaman	Mount Nemrut			100	150	Early Stage
Turkey	Ramsey	Manisa	Manisa-Alesehir			50	50	Early Stage
Turkey	Guris-Gumat A.S. Operation	Aydin	Aydin	Guris/Gumat		47.5	47.5	Early Stage
Turkey	Maren Group	Aydin	Aydin-Hidireyli	Hidireyli		44	44	Under Construction
Turkey	Menderes A.S.	Aydin	Aydin-Sultanhisar	Sultanhisar		34	34	Under Construction
Turkey	Kiper-Maren	Aydin	Aydin-Yismazkoy	Yismazkoy		30	30	Early Stage
Turkey	Karadeniz Enerji	Aydin	Aydin-Hidireyli	Hidireyli		25	25	Early Stage
Turkey	Erdem	Aydin	Aydin-Nazilli	Nazilli		25	25	Prospect
Turkey	Maren Group	Aydin	Aydin-Hidireyli	Hidireyli		24	24	Under Construction
Turkey	Aytemiz drilling	Manisa	Manisa-Alesehir			24	24	Early Stage
Turkey	Turkerter	Manisa	Manisa-Alesehir			24	24	Under Construction
Turkey	Kiper	Aydin	Aydin-Nazilli/Bozyurt	Aydin-Nazilla/Bozyurt		20	20	Prospect
Turkey	Zorlu Enerji	Kutahya	Kutahya	Simav		20	20	Early Stage
Turkey	Celikler A.S.	Aydin	Aydin-Sultanhisar	Sultanhisar		20	20	Prospect
Turkey	Menderes A.S.	Aydin	Aydin-Salavati	Dora III U1		17	17	Under Construction
Turkey	Limak	Aydin	Aydin-Buharkent	Buharkent		15	15	Prospect
Turkey	Menderes A.S.	Aydin	Aydin-Sultanhisar	Sultanhisar		11.5	11.5	Under Construction
Turkey	Alres A.S.	Aydin	Aydin-Nazilli	Nazilli		10	10	Under Construction
Turkey	Izmir Jeothermal AS JV with Alstom?	Izmir	Izmir-Seferhisar			10	10	Early Stage
Turkey	Menderes A.S.	Aydin	Aydin-Sultanhisar	Sultanhisar		9.5	9.5	Under Construction

Turkey	Karley A.S.	Aydin	Aydin-Umurlu	Umurlu		5	5	Under Construction
Turkey	Gural Porselen	Kutahya	Kutahya	Gediz				Early Stage
Turkey	Transmark Turkey	Canakkale	Canakkale-Gulpinar	Project 1				Early Stage
Turkey	Transmark Turkey	Canakkale	Canakkale-Gulpinar	Project 2				Early Stage
Turkey	EGE Energy	Aydin	Aydin-Salavatil	Salavatil				Prospect
Turkey	Kayt	Kutahya	Kutahya	Simav				Early Stage
Turkey	Umran Boru	Kutahya	Kutahya	Simav-Saphane				Prospect
Turkey	Saray Holding-Greenco	Denizli	Denizli-Tekkehamam	Tekkehamam				Early Stage
Turkey	Jeomar	Agri	Agri-Diyadin					Early Stage
Turkey	Transmark Turkey	Canakkale	Canakkale-Geyikli					Early Stage
Turkey	Transmark Turkey	Canakkale	Canakkale-Kestanbol					Early Stage
Turkey	Transmark Turkey	Canakkale	Canakkale-Kocakoy					Early Stage
Turkey	Transmark Turkey	Canakkale	Canakkale-Kumburun					Early Stage
Turkey	Merve Group	Canakkale	Canakkale-Tuzla					Early Stage
Turkey	Yislan Group	Canakkale	Canakkale-Tuzla					Early Stage
Turkey	Transmark Turkey	Canakkale	Canakkale-Uvecik					Early Stage
Turkey	Transmark Turkey	Kula	Degirmenler					Early Stage
Turkey	Maren Group	Izmir	Izmir-Sefenhisar					Early Stage
Turkey	Transmark Turkey	Kula	Kula-Basibuyuk					Early Stage
Turkey	Transmark Turkey	Kula	Kula-Derekoy					Early Stage
Turkey	Transmark Turkey	Kula	Kula-Emre					Early Stage
Turkey	Transmark Turkey	Kula	Kula-Esenyazi					Early Stage
Turkey	Transmark Turkey	Kula	Kula-Gokceoren					Early Stage
Turkey	Transmark Turkey	Kula	Kula-Hacikoseli					Early Stage
Turkey	Transmark Turkey	Kula	Kula-Kitzliyer					Early Stage
Turkey	Transmark Turkey	Kula	Kula-Sandal					Early Stage
Turkey	Transmark Turkey	Manisa	Manisa-Algedik					Early Stage
Turkey	Soyak-Mis Enerji	Manisa	Manisa-Alesehir					Early Stage
Turkey	Enerji A	Manisa	Manisa-Alesehir					Early Stage
Turkey	Dolmabahce	Manisa	Manisa-Alesehir					Early Stage
Turkey	Timtas	Manisa	Manisa-Alesehir					Prospect
Turkey	Rarik Turkison	Manisa	Manisa-Alesehir					Early Stage
Turkey	Transmark Turkey	Manisa	Manisa-Kula					Early Stage
Turkey	Transmark Turkey	Manisa	Manisa-Muradiye					Early Stage
Uganda	AAE Systems	Kasese	Katwe Kikorongo Area		2015		150	Early Stage
Uganda	Ugandan Government		Buranga					Early Stage
Uganda	Ugandan Government	Rukungiri district	Ihimbo					Early Stage
Uganda	Ugandan Government	Kabong	Kanangorok					Early Stage
Uganda	Moberg Finance		Kibiro					Early Stage
Uganda	Ugandan Government	Bushenyi district	Kitagata					Early Stage
Uganda	Pawakom International Ltd.		Panyimur					Early Stage
Uganda	Ugandan Government	Ntungamo district	Rubzere					Early Stage
Uganda	Clean Source Energy		Amuru Attiti				500	Early Stage
Uganda	Clean Source Energy		Obongi					Early Stage
Uganda	Clean Source Energy		Rwagimba					Early Stage
United Kingdom	Geothermal Engineering	Cornwall	United Downs Project	United Downs Project		10	10	Early Stage
United Kingdom	EGS Energy Lmt.	Cornwall	Eden Deep Geothermal Plant	Eden Deep Geothermal Plant				Early Stage
United Kingdom	UK Department for Energy & Climate Change	south of Manchester	Cheshire East	heat and power				Prospect
United States	Surprise Valley Electric Corp.	OR, Lake	Paisley Geothermal		2014	3	10	Under Construction
United States	Oregon Institute of Technology	OR, Klamath	GeoHeat Center 2		2014	1.75		Under Construction
United States	Chena Hot Springs	AK, Fairbanks North Star Burrough	Chena Hot Springs 2		2014	0.4	5	Under Construction
United States	Klamath Basin Geopower	OR, Klamath	Olene KBG		2014	12	20	Early Stage
United States	U.S. Geothermal	NV, Washoe	San Emidio Phase II		2015	12.75	44	Early Stage
United States	Entiv Organic Energy	OR, Klamath	Klamath Hills		2015	8	8	Early Stage
United States	Entiv Organic Energy	CA, Sisikyou	Lower Klamath Wildlife Refuge		2015	5	5	Early Stage

United States	Ormat Nevada Inc.	NV, Churchill	Carson Lake		2015		10	Early Stage
United States	EnergySource	CA, Imperial	Hudson Ranch Power II		2016	49.9	50	Early Stage
United States	Agua Caliente, LLC	ID, Cassia	Walker Ranch	Walker Ranch	2016	30	150	Early Stage
United States	Earth Power Resources	NV, Churchill	Lee Hot Springs		2016	16	32	Early Stage
United States	GreenFire Energy	AZ, Apache	Apache County Project		2016	5	5	Early Stage
United States	Kodali, INC.	NV, Washoe	Gerlach Power		2016		60	Early Stage
United States	Navy Geothermal Program	NV, Churchill	Naval Air Station Fallon Test Ranges/Dixie Valley		2016		10	Early Stage
United States	Oski Energy	OR, Klamath	Olene Gap (Project Oregon)					Prospect
United States	CalEnergy	CA, Imperial	Black Rock 1-2			235	235	Early Stage
United States	CalEnergy	CA, Imperial	Black Rock 5-6				235	Early Stage
United States	Alternative Earth Resources	NV, Washoe, Churchill	North Valley			55	120	Early Stage
United States	Navy Geothermal Program	NV, Churchill	Naval Air Station Fallon-Main		2017		10	Early Stage
United States	Ormat Nevada Inc.	NV, Churchill	Agua Quieta		2017			Early Stage
United States	Alternative Earth Resources	CA, Imperial	Truckhaven				30	60
United States	Calpine*	CA	Buckeye North Geysers				30	N/A
United States	Calpine*	CA	Wildhorse North Geysers				30	N/A
United States	Ormat Nevada Inc.	NV, Lander	Argenta		2017			Early Stage
United States	Ormat Technologies	CA, Imperial	Wister - Phase I				30	30
United States	Ram Power	CA, Sonoma	Geysers Project			26	26	Early Stage
United States	Bottle Rock Power*	CA, Lake	Bottle Rock Expansion				25	Early Stage
United States	U.S. Geothermal	NV, Washoe	San Emidio Phase III			24.6		Early Stage
United States	Ormat Nevada Inc.	CA, Mono	CD4 (Mammoth Complex)		2017		25	Early Stage
United States	Verdi Energy	UT	Falstaff				20	N/A
United States	U.S. Geothermal	NV, Washoe	Gerlach				18	25
United States	U.S. Geothermal	ID, Cassia	Raft River Unit II				16.6	114
United States	U.S. Geothermal	ID, Cassia	Raft River Unit III				16.6	Early Stage
United States	Ormat Nevada Inc.	NV, Churchill	Dixie Meadows		2017		30	Early Stage
United States	Alternative Earth Resources	NV, Humboldt	Pumpnickel				15	33
United States	Ormat Nevada Inc.	OR, Lake	Goose Lake		2017			Early Stage
United States	Ormat Nevada Inc.	OR, Lake	Midnight Point		2017			Early Stage
United States	Presco Energy*	NV	Rye Patch				13	Early Stage
United States	Ormat Nevada Inc.	OR, Deschutes	Twilight		2017			Early Stage
United States	Kodali INC. (OM Power I, LLC.)	OR, Klamath	OM Power				11	30
United States	City of Akutan	AK, Aleutians East Borough	Akutan Geothermal Project				10	10
United States	City of Unalaska	AK, Aleutians West	Unalaska Geothermal Project				10	50
United States	Crump Geysers JV of Ormat/AER	OR, Lake	Crump Geysers	AER project			10	80
United States	Mt Princeton Geothermal LLC	CO, Chaffee	Mt Princeton				10	50
United States	Mt Princeton Geothermal LLC	CO, Chaffee	Poncha Hot Springs				10	10
United States	Alaska Center for Energy and Power (Research); Unaatuq (Land Own)	AK, Nome	Pilgrim Hot Springs				5	5
United States	Rockwood Lithium Inc.	NV, Esmeralda	Silver Peak				5	5
United States	Cornerstone Sustainable Energy ("CSE")/ Warner Mountain Energy	CA, Modoc	Surprise Valley Hot Springs			1.5	1.5	Early Stage
United States	Universal Geo Power	TX, Goliad	Goliad Coproduction				0.8	0.8
United States	University of North Dakota	ND, Stark	UND Low Temperature Project			0.35	0.35	Early Stage
United States	University of North Dakota	ND, Slope	UND Coproduction			0.25	0.25	Early Stage
United States	Canby Geothermal, LLC	CA, Modoc	Canby Cascaded Geothermal Development Project			0.05	5	Early Stage
United States	Paute Tribe	NV, Pyramid Lake Paiute Tribe Reservation	Pyramid Lake				0	2
United States	Calpine*	CA	Four Mile Hill				50	N/A
United States	Calpine*	CA	Glass Mountain					320
United States	Calpine*	CA	Telephone Flat				50	N/A
United States	City of Aspen*	CO, Pitkin	City of Aspen Geothermal Project					Early Stage
United States	Crump Geysers JV of Ormat/AER	OR, Lake	Crump Geysers	Ormat project			15	Early Stage
United States	Cyrq Energy	UT, Millard	Abraham					Prospect
United States	Cyrq Energy	OR, Harney	Alvord					Early Stage
United States	Cyrq Energy	UT, Millard	Cricket					Prospect
United States	Cyrq Energy	UT, Iron	DeArmand					Prospect

United States	Cyrq Energy	NV, Nye	Devils Canyon				Prospect
United States	Cyrq Energy	UT, Millard	Drum Mountain				Prospect
United States	Cyrq Energy	UT, Millard	Pavant				Prospect
United States	Cyrq Energy	OR, Klamath	Klamath Plant				Early Stage
United States	Cyrq Energy	UT, Beaver	Thermo 3				Early Stage
United States	Cyrq Energy	UT, Beaver	Thermo 4				Early Stage
United States	Cyrq Energy	UT, Beaver	Thermo Central				Prospect
United States	Cyrq Energy	UT, Beaver	Thermo Greater				Prospect
United States	Cyrq Energy	NV, Nye	Trail Canyon				Prospect
United States	Cyrq Energy	NV, Nye	Truckee				prospect
United States	Cyrq Energy	UT, Iron	Wood Ranch				prospect
United States	Dewhurst Group/ State of Montana	MT, Silver Bow	Warm Springs				On Hold
United States	Earth Power Resources	NV, Eureka	Hot Springs Point				32 On Hold
United States	Gradient Resources	NV, Mineral	Aurora				190 Early Stage
United States	Gradient Resources	NV, Pershing	Colado				350 Early Stage
United States	Gradient Resources	NV, Churchill	Fallon				70 Early Stage
United States	Gradient Resources	WA, Whatcom	Mt. Baker				100 Early Stage
United States	Great American Energy	NV, Nye	Darrrough Hot Springs				30 Early Stage
United States	Kodali, INC.	NV, Churchill	Kodali Dixie Valley 1				25 Prospect
United States	Kodali, INC.	NV, Churchill	Kodali Dixie Valley 2				60 Prospect
United States	Kodali, INC.	UT, Millard	Kodali Millard				150 Prospect
United States	Kodali, INC.	ID, Cassia	Kodali Raft River				50 Prospect
United States	Magma Energy (U.S.) Corp	NV, Churchill	Desert Queen				Early Stage
United States	Magma Energy (U.S.) Corp	NV, Pershing	Granite Springs				Early Stage
United States	Magma Energy (U.S.) Corp	NV, Churchill, Lander	McCoy				Early Stage
United States	Magma Energy (U.S.) Corp	NV, Churchill	Soda Lake East				Prospect
United States	Magma Energy (U.S.) Corp	NV, Churchill	Soda Lake South				Early Stage
United States	Magma Energy (U.S.) Corp	NV, Churchill	Upsal Hogback				Early Stage
United States	Montara Energy Ventures	NV, Pershing	Sou Hills				Canceled
United States	N/A	Hawaii	Hawaii				50 On Hold
United States	N/A	Imperial Valley, California	Salton Sea	no specific plant			1700 Prospect
United States	Davenport Newberry Holdings/AltaRock Energy	OR, Deschutes	Newberry		2018	30	120 Early Stage
United States	Enel North America	CA, Modoc	Surprise Valley		2018	15	15 Early Stage
United States	Ormat Nevada Inc.	AK	Mount Spurr		2018		Early Stage
United States	Ormat Nevada Inc.	HI, Maui	Ulupalakua (Maui)		2018		Early Stage
United States	Ormat Technologies	NV, Churchill	Brady EGS				Under Construction
United States	Navy Geothermal Program	NV, Mineral	Hawthorne Army Depot		2020		10 Early Stage
United States	Ormat Nevada Inc.	NV, Churchill	Dixie Hope				Early Stage
United States	Navy Geothermal Program	CA, Imperial	MCAS Yuma Chocolate Mountains/Glamis		2020		15 Early Stage
United States	Ormat Nevada Inc.	OR, Lane	Foley Hot Springs				Early Stage
United States	Navy Geothermal Program	CA, Imperial	NAF El Centro/Superstition Hills		2020		25 Early Stage
United States	Navy Geothermal Program	CA, Imperial	NAF El Centro/Superstition Mountain		2020		0 Early Stage
United States	Ormat Nevada Inc.	HI, Big Island	Kula		2022		Early Stage
United States	Ormat Nevada Inc.	OR, Lake	Silver Lake				Early Stage
United States	Ormat Nevada Inc.	OR, Lake	Summer Lake				Early Stage
United States	Ormat Nevada Inc.	NV, Churchill	Tungsten Mountain				Prospect
United States	Ormat Technologies	NV, Elko	Tuscarora - Phase II				Early Stage
United States	Enel North America	UT, Beaver, Millard	Cove Fort 2		N/A	20	20 Early Stage
United States	Enel North America	NV, Churchill	Harmon Lake		N/A	15	15 Early Stage
United States	Oski Energy	NV	Alligator Geothermal				Prospect
United States	Oski Energy	CA, Sonoma & Napa	Bald Mountain				Prospect
United States	Oski Energy	UT, Beaver & Millard	Cove Fort				30 Early Stage
United States	Oski Energy	NV, Mineral	Hawthorne				Early Stage
United States	Oski Energy	NV, Humboldt	Hot Pot				25 Early Stage
United States	Oski Energy	CA	HV				75 Early Stage

United States	Oski Energy	CA	KN				75	Early Stage
United States	Oski Energy	CA	KS				75	Early Stage
United States	Oski Energy	NV	Pilot Peak					Prospect
United States	Oski Energy	NV	Silver State				25	Early Stage
United States	Oski Energy	CA, Lassen	Wendel Expansion					Prospect
United States	Pagosa Springs	CO	Pagosa Springs					Prospect
United States	Presco Energy®	Nevada	NVN092478					Prospect
United States	Standard Steam Trust	UT, Juab & Millard	Drum Mountain					Early Stage
United States	Standard Steam Trust	NV, Elko	Mary's River					Early Stage
United States	Standard Steam Trust	NV, Elko	Mary's River SW					Early Stage
United States	Standard Steam Trust	ID, Fremont & Madison	Newdale					Early Stage
United States	Standard Steam Trust	ID, Canyon	Parma					Early Stage
United States	Standard Steam Trust	ID, Washington	Weiser					Early Stage
United States	University of Minnesota/ Heat Mining Co. LLC	Rapid City, S.D.	Rapid City, S.D.					Prospect
United States	U.S. Geothermal	NV, Washoe	Granite Creek					Early Stage
United States	U.S. Geothermal	OR, Malheur	Neal Hot Springs II					Early Stage
Vietnam	Vietnamese Government	Central Quang Tri	Central Quang Tri			25	25	Early Stage
Yemen	N/A	SouthWestern Region	Dhamar Prospective Geothermal Field					Prospect
Zambia	Kalaharhi Geo Energy Limited		Kafue basin			2015		Early Stage
<b>TOTAL</b>	<b>Number of Projects</b>		<b>656</b>		<b>Estimated Planned Capacity Additions</b>	<b>11,688</b>	<b>12,000</b>	
<b>ROUNDED TOTAL</b>	<b>Number of Projects (Rounded)</b>		<b>700</b>		<b>Estimated Geothermal Resource</b>	<b>29,595</b>	<b>30,000</b>	