

REGISTER OF LICENCES AND PERMITS FOR ELECTRIC POWER UNDERTAKINGS AS AT DECEMBER 2017

Table 1 Electric Power Generation Licences and Permits

Ref No	Licensee	Technology	Location of Power Plant(s)	Capacity (MW)	Date Granted	Duration (Years)	Supply To	Remarks
G1.15.12	KenGen ¹	Geothermal	Olkaria I	185	2 nd Oct 2008	25	Grid	Modified on 6 th Dec 2012
G1.02.09	KenGen	Geothermal	Olkaria II	105	2 nd Oct 2008	25	Grid	
G1.14.12	KenGen	Geothermal	Olkaria IV	140	2 nd Oct 2008	25	Grid	
G1.17.12	KenGen	Geothermal	Mobile wellheads ²	70	6 th Dec 2012	15	Grid	
G1.16.12	KenGen	Geothermal	Mobile wellhead ³	5	6 th Dec 2012	15	Grid	
G1.14.12	KenGen	Hydro	Masinga	40	2 nd Oct 2008	25	Grid	
G1.04.12	KenGen	Hydro	Kamburu	94.2	2 nd Oct 2008	25	Grid	
G1.06.12	KenGen	Hydro	Kindaruma	72	2 nd Oct 2008	25	Grid	
G1.03.12	KenGen	Hydro	Gitaru	225	2 nd Oct 2008	25	Grid	
G1.05.12	KenGen	Hydro	Kiambere	164	2 nd Oct 2008	25	Grid	
G1.11.12	KenGen	Hydro	Sagana	1.5	2 nd Oct 2008	18	Grid	
G1.10.12	KenGen	Hydro	Ndula	2	2 nd Oct 2008	6	Grid	
G1.08.12	KenGen	Hydro	Tana	20	2 nd Oct 2008	12	Grid	
G1.09.12	KenGen	Hydro	Wanjii	7.4	2 nd Oct 2008	15	Grid	

¹KenGen means the Kenya Electricity Generating Company

² Mobile wellheads refers to mobile wellheads generating plants with a total capacity of 70 MW

³Mobile wellhead refers to a 5 MW wellhead generator at Olkaria

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G1.12.12	KenGen	Hydro	Mesco	0.38	2 nd Oct 2008	12	Grid	
G1.03.08	KenGen	Hydro	Turkwel	106	2 nd Oct 2008	25	Grid	
G1.06.08	KenGen	Hydro	Gogo	2	2 nd Oct 2008	7	Grid	
G1.04.08	KenGen	Hydro	SonduMiriu	60	2 nd Oct 2008	25	Grid	
G1.07.08	KenGen	Hydro	Sosiani	0.4	2 nd Oct 2008	12	Grid	
G1.04.11	KenGen	Thermal, MSD ⁴	Kipevu I	60	27 th April 2011	20	Grid	
G1.05.11	KenGen	Thermal, MSD	Kipevu III	120	27 th April 2011	20	Grid	
G1.06.11	KenGen	Gas Turbine	Embakasi	60	27 th April 2011	20	Grid	30 MW relocated to Muhoroni. The remaining 30MW at Embakasi is not being dispatched due to expired PPA
G1.01.10	KenGen	Thermal (Emergency)	Muhoroni	30	29 th April 2010	5	Grid	Decommissioned in July 2016
G1.10.08	KenGen	Thermal, MSD and HSD ⁵	Garissa	3.40	2 nd Oct 2008	10	Mini Grid	Decommissioned in April 2016
G1.11.08	KenGen	Thermal, HSD	Lamu	2.1	2 nd Oct 2008	8	Mini Grid	Decommissioned in April 2016

⁴MSD means Medium Speed Diesel

⁵HSD means High Speed Diesel

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G1.12.12	KenGen	Wind	Ngong I Phase I	5.1	6 th Dec 2012	20	Grid	
G1.01.00	Tsavo Power ⁶	Thermal	Mombasa	74	21 st Mar 2000	23	Grid	
G1.01.05	Iberafrika ⁷	Thermal	Nairobi	108.8	20 th July 2005	27	Grid	
G1.01.15	OrPower ⁴ ⁸	Geothermal	Naivasha	150	24 th Nov 2000	25	Grid	Modified on 16 th July 2015
G2.01.04	Pan Paper ⁹	Cogeneration	Webuye	9	2004	15	Captive	
G1.14.08	Mumias Sugar	Cogeneration (Bagasse)	Mumias	38	24 th Apr 2008	25	Grid	
G1.15.08	Rabai Power	Thermal	Mombasa	90	15 th July 2008	15	Grid	
G1.01.11	Lake Turkana ¹⁰	Wind	Marsabit	300	16 th Dec 2010	20	Grid	
G2.01.11	Bidco ¹¹	Biothermal	Thika	2.125	18 th Aug 2011	20	Grid	
G1.02.11	KPRL ¹²	MSD	Mombasa	8.5	24 th Feb 2011	20	Captive	

⁶Tsavo Power means Tsavo Power Company Ltd

⁷Iberafrika means Iberafrika Power (E.A) Ltd

⁸OrPower4 means OrPower4 Incorporation

⁹ Pan Paper means Pan African Paper Mills (E.A.) Ltd

¹⁰Lake Turkana means Lake Turkana Wind power Ltd

¹¹Bidco means Bidco oil Refineries Ltd

¹²KPRL means Kenya Petroleum Refineries Ltd.

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Ref No	Licensee	Technology	Location of Power Plant(s)	Capacity (MW)	Date Granted	Duration (Years)	Supply To	Remarks
G1.08.11	GulfPower Ltd	Thermal	Athi River	80	14 th Sept 2011	20	Grid	
G1.07.11	Triumph ¹³	Thermal	Athi River	83	14 th Sept 2011	20	Grid	
G1.01.12	Thika Power	MSD	Mang'u Area	87	9 th Feb 2012	20	Grid	
G1.02.12	Kinangop ¹⁴	Wind	Kinangop	61	9 th Feb 2012	20	Grid	
G1.02.14	RegenTerem ¹⁵	Hydro	Mt. Elgon	5.2	27 th Feb 2014	20	Grid	
G1.01.14	Cummins ¹⁶	Biomass	Marigat	8.4	29 th Jan 2014	20	Grid	
G1.03.14	QPEA Menengai ¹⁷	Geothermal	Nakuru	35	4 th Dec 2014	25	Grid	
G1.06.14	Mt Kenya Power ¹⁸	Hydro	Meru	0.6	4 th Dec 2014	25	Grid	
G1.05.14	Tindinyo ¹⁹	Hydro	River Yala, Nandi County	1.5	4 th Dec 2014	25	Grid	
G1.04.14	Sosian-Menengai ²⁰	Geothermal	Nakuru	35	4 th Dec 2014	25	Grid	

¹³Triumph means Triumph Power Generating Company Ltd.

¹⁴Kinangop Wind means Kinangop Wind Park Ltd.

¹⁵RegenTerem means RegenTerem SHPP Ltd.

¹⁶Cummins means Cummins cogeneration (K) Ltd.

¹⁷QPEA Menengai means QPEA GT Menengai Ltd.

¹⁸ Mt Kenya Power means Mt Kenya Power Company Ltd.

¹⁹Tindinyo means Tindinyo Falls Resort Ltd.

²⁰Sosian-Menengai means Sosian-Menengai Geothermal Power Ltd

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Ref No	Licensee	Technology	Location of Power Plant(s)	Capacity (MW)	Date Granted	Duration (Years)	Supply To	Remarks
G1.02.15	Orpower 22 ²¹	Geothermal	Nakuru	35	16 th July 2015	25	Grid	
G1.03.15	CemtechLtd	Coal	West Pokot	30	16 th July 2015	30	Captive	
G1.04.15	Kleen Energy ²²	Hydro	Embu	6	16 th July 2015	25	Grid	
G1.06.15	Ol-ndanyat Power Ltd	Wind	Kona Baridi, Kajiado County	30	3 rd December 2015	25	Grid	
G1.04.16	Greater Meru Tea Power Co Ltd	Hydro	Meru County	1.5	30 th March 2016	25	Grid	
G1.05.16	Greater Meru Power Co Ltd	Hydro	TharakaNithi County	2	30 th March 2016	25	Grid	
G1.03.16	Kirinyaga Power Co Ltd	Hydro	Kirinyaga County	1.8	30 th March 2016	25	Grid	
G1.02.16	Chania Power Co Ltd	Hydro	Murang'a County	1	30 th March 2016	25	Grid	
G1.01.16	Kwale International Sugar Co Ltd	Cogen	Kwale County	18	25 th February 2016	20	Grid and Captive	
G1.06.16	Devki Energy Co Ltd	Coal	Merrueshi, Kajiado County	15	25 th May 2016	20	Captive	

²¹Orpower 22 means Orpower Twenty Two Ltd

²²Kleen Energy means Kleen Energy Kenya Ltd

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Ref No	Licensee	Technology	Location of Power Plant(s)	Capacity (MW)	Date Granted	Duration (Years)	Supply To	Remarks
G1.08.16	Butali Sugar Mills Limited	Cogen	Kakamega County	11	1 st December 2016	25	Captive	
G1.07.16	Chemelil Sugar Co Limited	Cogen	Kisumu County	3	1 st December 2016	25	Captive	
G1.01.17	Amu power	Coal	Lamu County	1050	3 rd March 2017	20	Grid	
G1.02.17	Alten Energy	Solar	Uasin Gichu County	40	3 rd March 2017	25	Grid	
G1.03.17	Radiant Energy	Solar	Uasin Gichu County	40	3 rd March 2017	25	Grid	
G1.04.17	Eldosol Energy	Solar	Uasin Gichu County	40	3 rd March 2017	25	Grid	
G1.05.17	SONY Co. Ltd	Bagasse	Migori County	8.7	26 th April 2017	20	Captive	
G1.06.17	Ofgen Power Ltd	Solar	Nairobi & Taita Taveta Counties	0.455	26 th April 2017	20	Captive	
G1.07.17	Strathmore University	Solar	Nairobi County	0.6	26 th April 2017	20	Grid & Captive	
G1.09.17	Malindi solar	Solar	Kilifi	40	26 th July 2017	20	Grid	
G1.10.17	Kegen	hydro	Sangoro	21	26 th July 2017	25	Grid	
G1.11.17	Kengen	GT	Muhoroni	30	26 th July 2017	20	Grid	
G1.12.17	Kengen	wind	Ngong I wind I phase II	6.8	26 th July 2017	25	Grid	

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Ref No	Licensee	Technology	Location of Power Plant(s)	Capacity (MW)	Date Granted	Duration (Years)	Supply To	Remarks
G1.13.17	Kengen	wind	Ngong II	13.6	26 th July 2017	25	Grid	

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Table 2 Electric Power Generation, Distribution and Supply Licences

Ref No	Name of Licensee	Technology	Location of Undertaking	Capacity (MW)	Date Granted	Duration (Years)	Supply to	Remarks
GD.01.05	James Finlay	Hydro and Thermal	Kericho	6.7	19 th April 05	15	Self and Grid	
GD.02.05	Sotik Tea ²³	Thermal	Arrocket Tea Factory	1.5	19 th April 05	15	Self	
GD.03.05	Sotik Highlands ²⁴	Thermal	Sotik Highlands Tea Factory	1.06	19 th April 05	15	Self	
GD.01.08	Unilever ²⁵	Hydro and Thermal	Kericho	4.66	11 th Dec 08	25	Self	Modified 28th Oct 2010
GD.01.10	Imenti ²⁶	Hydro	Imenti Tea Factory	0.92	29 th April 10	25	Self and Grid	
GD.01.15	Powerhive ²⁷	Solar PV	Kisii and Nyamira Counties	3.0	16 th Feb 15	25	Public	Transferred to Cloverfield Energy Services Ltd in June 2016
GD.02.15	Talek Power Company Ltd	Solar PV-Diesel Hybrid	Talek, Narok County	0.05	16 th Sep 15	25	Public	Mini-grid
GD.03.15	Two Rivers Power Company Ltd	Solar, Diesel & Purchase from KPLC	Nairobi County	2 MW Solar, 35 MW purchase from KPLC & 10 MW Diesel	16 th September 15	25	Self & Public	

²³Sotik Tea means Sotik Tea Company Ltd

²⁴Sotik Highlands means Sotik Highlands Tea Estate Ltd

²⁵Unilever means Unilever Tea Kenya Ltd

²⁶Imenti means Imenti Tea Factory Company Ltd.

²⁷Powerhive means Power Hive East Africa Ltd

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Ref No	Name of Licensee	Technology	Location of Undertaking	Capacity (MW)	Date Granted	Duration (Years)	Supply to	Remarks
GD.03.15	Biojoule Kenya Ltd	Biogas	Naivasha, off Moi South Lake Road, Nakuru County	2.6	3 rd December 2015	25	Self and Grid	The energy will be supplied primarily to Gorge Farm and surplus to the grid
GD.01.16	Metumi Power Co Ltd	Hydro	Murang'a County	5.6	30 th March 2016	25	Self and Grid	
GD.01.17	Oserian Development Company	Geothermal	Nakuru County	3.7	26 th April 2017	20	Captive	Amended on 26 th April 2017 to include distribution & supply
GD.02.17	Nykwana Power Company ltd	Hydro	Kisii County	2	28 th June 2017	25	Self and Grid	
GD.03.17	Gura Power Company Ltd	Hydro	Nyeri County	5.8	28 th June 2017	25	Self and Grid	

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Table 3 Electric Power Distribution and Supply Permits for KPLC Off-Grid Stations

Ref No	Licensee	Technology	Location of Power Plant(s)	Capacity (kW)	Date Granted	Duration (Years)	Supply To	Remarks
²⁸ GS.01.09	KPLC ²⁹	³⁰ IDO	Elwak	520	24th Sep 2009	50	Mini grid	
³¹ DS.05.09	KPLC		Garissa		24th Sep 2009	50	Mini grid	Decommissioned in April 2016
GS.02.09	KPLC	IDO	Habaswein	520	24th Sep 2009	50	Mini grid	
GS.11.09	KPLC	³² AGO	Hola	800	24th Sep 2009	50	Mini grid	
DS.06.09	KPLC		Lamu		24th Sep 2009	50	Mini grid	Decommissioned in April 2016
GS.09.09	KPLC	IDO	Lodwar	781	24th Sep 2009	50	Mini grid	
GS.07.09	KPLC	IDO	Mandera	1378	24th Sep 2009	50	Mini grid	
GS.10.09	KPLC	Wind	Marsabit	200	24th Sep 2009	50	Mini grid	
		IDO		120				
		³³ HFO		1346				
GS.05.09	KPLC	AGO	Merti	128	24th Sep 2009	50	Mini grid	
GS.04.09	KPLC	IDO	Mfangano	1000	24th Sep 2009	50	Mini grid	

²⁸ GS stands for a Generation, Distribution and Supply licence

²⁹ KPLC means the Kenya Power and Lighting Company

³⁰ IDO stands for Industrial Diesel oil

³¹ DS stands for Distribution and Supply licence

³² AGO stands for Automotive Gas oil

³³ HFO stands for Heavy Fuel Oil

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Ref No	Licensee	Technology	Location of Power Plant(s)	Capacity (kW)	Date Granted	Duration (Years)	Supply To	Remarks
GS.08.09	KPLC	IDO	Moyale	1311	24th Sep 2009	50	Mini grid	
GS.03.09	KPLC	IDO	Mpeketoni	600	24th Sep 2009	50	Mini grid	Decommissioned in April 2016
DS.06.09	KPLC	HFO	Wajir	1270	24th Sep 2009	50	Mini grid	
		IDO		160				

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Table 4 Electric Power Transmission, Distribution and Supply Licences

Ref No	Name of Licensee	Description of the Undertaking	Date Granted	Duration (Years)	Remarks
TN.01.09	KPLC ³⁴	<p>Transmission of electrical energy in bulk over the Kenya National Grid, comprising 1,323 km of 220 kV lines and 993 km of 132 kV lines, from the major sources of generation to the transmission substations, together with the interconnection with Ugandan Grid.</p> <p>The sources of generation comprise the Seven Forks hydro power plants, viz Masinga, Kamburu, Kindaruma, Gitaru and Kiambere, Turkwel and Sondu Miriu hydro power plants operated by KenGen, the geothermal power plants at Olkaria operated by KenGen and Orpower4 and the thermal power plants at Mombasa operated by KenGen, Tsavo and Rabai Power.</p>	24 th Sep 2009	50	
TN.01.13	KETRACO ³⁵	Transmission of electrical energy in bulk over the 132 kV, 220 kV, 400kV ac and 500kV HVDC ³⁶ network in Kenya and interconnections with all neighbouring countries	18 th July 2013	50	
DS.01.09	KPLC	<p>Distribution in the KPLC Nairobi Region including Nairobi, Kiambu, Limuru, Ruiru, Machakos, Athi River, Kajiado and environs as shown on KPLC drawing Sheet 6 of SK No 10005. Sources of supply comprise generation by MSD at Nairobi South and transmission substations including Juja Road 132/66 kV, Embakasi 220/66 kV, Ruaraka 132/66 kV and Nairobi North 220/66 kV.</p>	24 th Sep 2009	50	

³⁴KPLC means Kenya Power and Lighting Company Ltd.

³⁵KETRACO means Kenya Electricity Transmission Company Ltd.

³⁶HVDC means High Voltage Direct Current

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Ref No	Name of Licensee	Description of the Undertaking	Date Granted	Duration (Years)	Remarks
DS.02.09	KPLC	Distribution in the KPLC Mt Kenya Region including Nyeri, Thika, Embu, Meru, Murang'a, Maragua, Kirinyaga, Mbeere, Kitui, Mwingi, Tharaka, Isiolo, Laikipia, and environs as shown on KPLC drawing Sheet 6 of SK No 10008. Sources of supply comprise embedded hydro generation at Tana, Wanjii, Sagana, Ndula and Mesco, as well as transmission substations at Kiganjo 132/33 kV, Nanyuki 132/33 kV	24 th Sep 2009	50	
DS.03.09	KPLC	Distribution in the KPLC West Region including Nakuru, Kisumu, Eldoret, Kakamega, Baringo, Bomet, Bungoma, Bureti, Busia, Butere, Gucha, Homa Bay, Keiyo, Kericho, Kisii, Kuria, Laikipia, Lugari, Marakwet, Migori, Mt. Elgon, Nandi, Narok, Nyamira, Nyandarua, Nyando, Rachuonyo, Samburu, Siaya, Suba, Trans Mara, Trans Nzoia, Turkana, UasinGishu, Vihiga, West Pokot and environs as shown on KPLC drawing Sheet 6 of SK No 10005. Sources of supply comprise transmission substations at Naivasha 132/33 kV, Lanet 132/33 kV, Lessos 132/33 kV, Eldoret 132/33 kV, Kisumu 132/33 kV, Muhoroni 132/33 kV, Chemosit 132/33 kV, Musaga 132/33 kV, Webuye 132/33 kV as well embedded hydro generation at Gogo and Sosiani.	24 th Sep 2009	50	
DS.04.09	KPLC	Distribution in the KPLC Coast Region including Mombasa, Malindi, Kilifi, Kwale, Msambweni, Lamu, Voi, TaitaTaveta, Loitototok, MtitoAndei, LungaLunga, Vanga and environs as shown on KPLC drawing Sheet 7 of SK No 10007. Sources of supply comprise transmission substations at Rabai 132/33 kV, Kipevu 132/33 kV, Bamburi 132/33 kV, Kilifi 132/33 kV, Voi 132/33 kV and MtitoAndei 132/33 kV, as well HSD thermal generation at Lamu and Mpeketoni.	24 th Sep 2009	50	

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Ref No	Name of Licensee	Description of the Undertaking	Date Granted	Duration (Years)	Remarks
DS.05.09	KPLC	Distribution in Garissa Town and environs as shown KPLC drawing SK No 04800/A. Source of supply is the Garissa HSD and MSD thermal generation operated by the KenGen.	24 th Sep 2009	50	
DS.06.09	KPLC	Distribution in Lamu Town and environs as shown on KPLC drawing SK No 10007. Source of supply is the Lamu MSD thermal generation operated by the KenGen.	24 th Sep 2009	50	