

REGISTER OF LICENCES AND PERMITS FOR ELECTRIC POWER UNDERTAKINGS AS AT JULY 2015

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	Wanji	7.4	2 nd Oct 2008	15	Grid	

¹ KenGen means the Kenya Electricity Generating Company

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

³ Mobile 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	Sondu Miriu	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	
G1.01.10	KenGen	Thermal (Emergency)	Muhoroni	30	29 th April 2010	5	Grid	
G1.10.08	KenGen	Thermal, MSD and HSD ⁵	Garissa	3.40	2 nd Oct 2008	10	Grid	
G1.11.08	KenGen	Thermal, HSD	Lamu	2.1	2 nd Oct 2008	8	Grid	
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	

⁴ MSD means Medium Speed Diesel

⁵ HSD means High Speed Diesel

⁶ Tsavo Power means Tsavo Power Company Ltd

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Ref No	Licensee	Technology	Location of Power Plant(s)	Capacity (MW)	Date Granted	Duration (Years)	Supply To	Remarks
G1.01.05	Iberafrica ⁷	Thermal	Nairobi	108.8	20 th July 2005	27	Grid	
G1.01.15	OrPower4 ⁸	Geothermal	Nairobi	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	
G2.03.05	Oserian ¹⁰	Geothermal	Naivasha	3.7	4 th Jan 2005	15	Captive	
G1.15.08	Rabai Power	Thermal	Mombasa	90	15 th July 2008	15	Grid	
G1.01.11	Lake Turkana ¹¹	Wind	Marsabit	300	16 th Dec 2010	20	Grid	
G2.01.11	Bidco ¹²	Biothermal	Thika	2.125	18 th Aug 2011	20	Grid	
G1.02.11	KPRL ¹³	MSD	Mombasa	8.5	24 th Feb 2011	20	Captive	
G1.08.11	Gulf Power Ltd	Thermal	Athi River	80	14 th Sept 2011	20	Grid	

⁷ Iberafrica means Iberafrica Power (E.A) Ltd

⁸ OrPower4 means OrPower4 Incorporation

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

¹⁰ Oserian means Oserian Development Company

¹¹ Lake Turkana means Lake Turkana Wind power Ltd

¹² Bidco means Bidco oil Refineries Ltd

¹³ KPRL 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
G1.07.11	Triumph ¹⁴	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 ¹⁵	Wind	Kinangop	61	9 th Feb 2012	20	Grid	
G1.02.14	Regen Terem ¹⁶	Hydro	Mt. Elgon	5.2	27 th Feb 2014	20	Grid	
G1.01.14	Cummins ¹⁷	Biomass	Marigat	8.4	29 th Jan 2014	20	Grid	
G1.03.14	QPEA Menengai ¹⁸	Geothermal	Nakuru	35	4 th Dec 2014	25	Grid	
G1.06.14	Mt Kenya Power ¹⁹	Hydro	Meru	0.6	4 th Dec 2014	25	Grid	
G1.05.14	Tindinyo ²⁰	Hydro	River Yala, Nandi County	1.5	4 th Dec 2014	25	Grid	
G1.04.14	Sosian - Menengai ²¹	Geothermal	Nakuru	35	4 th Dec 2014	25	Grid	
G1.02.15	Orpower 22 ²²	Geothermal	Nakuru	35	16 th July 2015	25	Grid	

¹⁴ Triumph means Triumph Power Generating Company Ltd.

¹⁵ Kinangop Wind means Kinangop Wind Park Ltd.

¹⁶ Regen Terem means Regen Terem SHPP Ltd.

¹⁷ Cummins means Cummins cogeneration (K) Ltd.

¹⁸ QPEA Menengai means QPEA GT Menengai Ltd.

¹⁹ Mt Kenya Power means Mt Kenya Power Company Ltd.

²⁰ Tindinyo means Tindinyo Falls Resort Ltd.

²¹ Sosian-Menengai means Sosian-Menengai Geothermal Power Ltd

²² Orpower 22 means Orpower Twenty Two Ltd

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Ref No	Licensee	Technology	Location of Power Plant(s)	Capacity (MW)	Date Granted	Duration (Years)	Supply To	Remarks
G1.03.15	Cemtech Ltd	Coal	West Pokot	30	16 th July 2015	30	Captive	
G1.04.15	Kleen Energy ²³	Hydro	Embu	6	16 th July 2015	25	Grid	

²³ Kleen Energy means Kleen Energy Kenya Ltd

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Table 2 Electric Power Generation, Distribution and Supply Licences

Ref No	Name of Licensee	Technology	Location of Undertaking	Capacity (kW)	Supply to	Date Granted	Duration (Years)	Remarks
GD.01.05	James Finlay	Hydro and Thermal	Kericho	6,700	Self and Grid	19 th April 05	15	
GD.02.05	Sotik Tea ²⁴	Thermal	Arrocket Tea Factory	1,500	Self	19 th April 05	15	
GD.03.05	Sotik Highlands ²⁵	Thermal	Sotik Highlands Tea Factory	1,060	Self	19 th April 05	15	
GD.01.08	Unilever ²⁶	Hydro and Thermal	Kericho	4,660	Self	11 th Dec 2008	25	Modified 28 th Oct 2010
GD.01.10	Imenti ²⁷	Hydro	Imenti Tea Factory	920	Self and Grid	29 th April 10	25	
GD.01.15	Powerhive ²⁸	Solar PV	Kisii and Nyamira Counties	3,000	Public	16 th Feb 2015	25	

²⁴ Sotik Tea means Sotik Tea Company Ltd

²⁵ Sotik Highlands means Sotik Highlands Tea Estate Ltd

²⁶ Unilever means Unilever Tea Kenya Ltd

²⁷ Imenti means Imenti Tea Factory Company Ltd.

²⁸ Powerhive means Power Hive East Africa Ltd

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Table 3 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 ²⁹	<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 ³⁰	Transmission of electrical energy in bulk over the 132 kV, 220 kV, 400kV ac and 500kV HVDC ³¹ 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	

²⁹ KPLC means Kenya Power and Lighting Company Ltd.

³⁰ KETRACO means Kenya Electricity Transmission Company Ltd.

³¹ HVDC 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, Uasin Gishu, 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, Taita Taveta, Loitototok, Mtito Andei, Lunga Lunga, 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 Mtito Andei 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	