

KGRTC COURSE SCHEDULE FOR 2018

(To be read in conjunction with the KGRTC Course Handbook)

S/N	Course Name	Course Code	Duration (Weeks)	Course Fees	Course Dates-2018	
				US\$	Start	Finish
1.	Applied Industrial Hydraulics	AIH	2	3,000	29-Jan	9-Feb
2.	SCADA Systems Management	SSM	2	3,000	29-Jan	9-Feb
3.	Hydropower Plant Operations	HPO	13	7,000	5-Feb	4-May
4.	Fluid Flow and Centrifugal Pumps	FFCP	2	3,000	12-Feb	23-Feb
5.	Power Systems Planning	PSPg	3	4,000	12-Feb	2-Mar
6.	Cable Jointing and Termination	CJT	3	4,000	26-Feb	16-Mar
7.	Power Plant Operations and Control	PPOC	3	3,500	5-Mar	23-Mar
8.	Instrumentation and Process Control	IPC	2	3,000	12-Mar	23-Mar
9.	Dam Safety Management	DSM	3	3,500	2-Apr	20-Apr
10.	Operations Management	OM	1	1,500	9-Apr	13-Apr
11.	Hydropower Turbine Dynamics and Operations	HTDO	2	3,000	23-Apr	4-May
12.	Distribution Systems Operations	DSO	3	4,000	30-Apr	18-May
13.	Environmental Assessment and Information Management	EAIM	2	2,500	7-May	18-May
14.	Hydropower Maintenance Routines	HMR	13	7,000	7-May	3-Aug
15.	Machinery Vibration Monitoring and Analysis	MVMA	2	3,000	14-May	25-May
16.	Geographic Information Systems	GIS	2	3,000	21-May	1-Jun
17.	Machinery Alignment and Balancing	MAB	1	2,000	21-May	25-May
18.	Power Distribution Management	PDM	3	3,500	21-May	8-Jun
19.	Transmission Lines Maintenance	TLM	3	3,500	21-May	8-Jun
20.	Control Room Operations	CRO	10	7,000	11-Jun	17-Aug
21.	Industrial Occupational Health and Safety Management	IOHSM	2	3,000	11-Jun	22-Jun
22.	MV Switchgear Operations and Maintenance	MVSOM	2	3,000	11-Jun	22-Jun
23.	High Voltage Regulations	HVR	2	3,000	25-Jun	6-Jul
24.	Overhead Lines Inspection Techniques	OLIT	2	3,000	25-Jun	6-Jul
25.	AutoCAD Techniques for Practicing Professionals	ATPP	1	2,000	9-Jul	13-Jul
26.	Distribution Lines Design and Construction	DLDC	2	3,000	9-Jul	20-Jul
27.	Hydropower Construction Management and Contracts	HCMC	2	3,000	9-Jul	20-Jul
28.	Microprocessor Logic Controls	MLC	3	4,000	9-Jul	27-Jul
29.	Transmission Lines Design and Construction	TLDC	2	3,000	9-Jul	20-Jul
30.	Generator Inspection, Testing and Maintenance	GITM	2	3,000	30-Jul	10-Aug
31.	Supervisory Leadership	SL	1	1,000	30-Jul	3-Aug
32.	Switchgear Operations and Maintenance	SgOM	3	3,000	30-Jul	17-Aug
33.	Training of Trainers	TOT	1	1,500	30-Jul	3-Aug
34.	DC Power Systems Maintenance	DCPSM	1	1,500	6-Aug	10-Aug
35.	Energy Efficiency and Management	EMM	2	3,000	6-Aug	17-Aug
36.	Thermal Power Plant Operations and Maintenance	TPPOM	4	4,500	6-Aug	31-Aug
37.	Hydraulics and Turbine Regulations	HTR	3	3,500	20-Aug	7-Sep
38.	Project Management	PM	1	1,500	20-Aug	24-Aug
39.	Shift Charge Operations	SCO	10	7,000	27-Aug	2-Nov
40.	Customer Care	CC	3-Days	1,000	3-Sep	5-Sep
41.	Power Systems Operations	PSO	3	4,000	3-Sep	21-Sep
42.	Strategic Management	SM	3-Days	1,000	3-Sep	
43.	Power Quality Management Systems	PQMS	2	3,000	10-Sep	21-Sep
44.	Maintenance and Troubleshooting of Distribution Systems	MTDS	2	3,000	24-Sep	5-Oct
45.	Maintenance Management Systems	MMS	2	2,500	24-Sep	5-Oct
46.	Safe Management of PCBs	SMPCBs	3-Days	1,000	24-Sep	26-Sep
47.	Transformer and Motor Rewinding	TMR	3	5,000	8-Oct	26-Oct
48.	Transformer and Switchgear Maintenance	TSM	3	4,000	8-Oct	26-Oct
49.	Power Systems Protection	PSP	3	4,000	9-Oct	29-Oct
50.	Distribution Lines Maintenance	DLM	2	3,000	15-Oct	26-Oct
51.	Electricity Appreciation for Non-technical Personnel	EANT	1	1,500	29-Oct	2-Nov
52.	Report Writing and Document Handling	RWDH	1	1,500	29-Oct	2-Nov
53.	Safety, Health, Environmental and Quality Management	SHEQM	2	3,000	29-Oct	9-Nov
54.	Substation Operations and Maintenance	SOM	3	3,500	29-Oct	16-Nov
55.	Advanced SCADA Systems Management	ASSM	1	1,500	5-Nov	9-Nov
56.	Generator Performance Dynamics	GPD	2	3,000	5-Nov	16-Nov
57.	Small Hydropower Development	SHD	3	4,000	5-Nov	23-Nov
58.	Basic Line Work	BLW	1	1,500		Demand Driven
59.	Design and Optimization of Power Lines (DOPL) using PLS/CADD	DOPL	2	3,750		Demand Driven
60.	Diploma in Hydropower Development and Management	DipHDM	1 Year + 3 Months	TBA		Demand Driven
61.	Distribution Power System Design and Operation	DPSDO	3	4,500		Demand Driven
62.	Divers and Rescue--Scuba Diving IMCA Certified	DRSD	2	3,500		Demand Driven
63.	Electricity Distribution Network Management	EDNM	3	4,000		Demand Driven
64.	Emergency Restoration Systems	ERS	3-Days	1,000		Demand Driven
65.	Environmental Compliance for Renewable Energy Projects	ECREP	1	1,500		Demand Driven
66.	Fiber Optics for Telecommunication Applications	FOTA	1	1,500		Demand Driven
67.	Financial Management in Utilities	FMU	3-Days	1,000		Demand Driven
68.	Human Capital Management for Business Continuity	HCMB	1	1,500		Demand Driven
69.	Hydropower Dams for Practicing Professionals	HDPP	3-Days	1,000		Demand Driven
70.	Maintenance Planning and Scheduling	MPS	3-Days	1,000		Demand Driven
71.	Managing Water Hyacinth and Siltation in Reservoirs	MWHSR	1	1,500		Demand Driven
72.	Mechanical Design of Transmission and Distribution Lines	MDTDL	1	1,500		Demand Driven
73.	Metering Solutions Technology and Installations	MSTI	2	3,000		Demand Driven
74.	Modern Distribution System Design and Planning	MDSDP	3	4,500		Demand Driven
75.	Partial Discharge Testing Techniques	PDT	1	2,000		Demand Driven
76.	Plant and Asset Management Systems	PAMS	1	1,000		Demand Driven
77.	Procurement and Contracts Management	PCM	1	1,500		Demand Driven
78.	Procurement and Materials Management in Utilities	PMMU	3-Days	1,000		Demand Driven
79.	Quality Management Systems	QMS	3-Days	1,000		Demand Driven
80.	Reliability Centred Maintenance	RCM	1	1,500		Demand Driven
81.	Revenue Protection Management and Prevention of Vandalism	RPMPV	1	1,500		Demand Driven
82.	Standardisation of the Electricity Supply Chain	SESC	1	1,500		Demand Driven
83.	Surveying for Electricity Utility Applications	SEUA	3-Days	1,000		Demand Driven
84.	Water Production and Management	WPM	3	4,000		Demand Driven

Note: Course Fees are quoted per person inclusive of tuition, course documentation and certification; accommodation and meals; and travel costs for study tours in Zambia.