

KGRTC COURSE SCHEDULE FOR 2017

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

S/N	Course Name	Course Code	Duration (Weeks)	Course Fees		Course Dates-2017	
				US\$	Start	Finish	
1.	Applied Industrial Hydraulics	AIH	2	3,000	30-Jan	10-Feb	
2.	SCADA Systems Management	SSM	2	3,000	30-Jan	10-Feb	
3.	Hydropower Plant Operations	HPO	13	7,000	6-Feb	5-May	
4.	Fluid Flow and Centrifugal Pumps	FFCP	2	3,000	13-Feb	24-Feb	
5.	Power Systems Planning	PSPg	3	4,000	13-Feb	3-Mar	
6.	Cable Jointing and Termination	CJT	3	4,000	27-Feb	17-Mar	
7.	Power Plant Operations and Control	PPOC	3	3,500	6-Mar	24-Mar	
8.	Dam Safety Management	DSM	3	3,500	3-Apr	21-Apr	
9.	Operations Management	OM	1	1,500	10-Apr	14-Apr	
10.	Hydropower Turbine Dynamics and Operations	HTDO	2	3,000	24-Apr	5-May	
11.	Distribution Systems Operations	DSO	3	4,000	1-May	19-May	
12.	Hydropower Maintenance Routines	HMR	13	7,000	8-May	4-Aug	
13.	Machinery Vibration Monitoring and Analysis	MVMA	2	3,000	8-May	19-May	
14.	Environmental Assessment and Information Management	EAIM	2	2,500	8-May	19-May	
15.	Machinery Alignment and Balancing	MAB	1	2,000	15-May	19-May	
16.	Transmission Lines Maintenance	TLM	3	3,500	22-May	9-Jun	
17.	Geographic Information Systems	GIS	2	3,000	22-May	2-Jun	
18.	Power Distribution Management	PDM	3	3,500	22-May	9-Jun	
19.	Control Room Operations	CRO	10	7,000	12-Jun	18-Aug	
20.	MV Switchgear Operations and Maintenance	MVSOM	2	3,000	12-Jun	23-Jun	
21.	Reliability Centred Maintenance	RCM	1	1,500	12-Jun	16-Jun	
22.	Industrial Occupational Health and Safety Management	IOHSM	2	3,000	12-Jun	23-Jun	
23.	Water Production and Management	WPM	3	4,000	12-Jun	30-Jun	
24.	Procurement and Materials Management in Utilities	PMMU	3-Days	1,000	12-Jun	14-Jun	
25.	High Voltage Regulations	HVR	2	3,000	26-Jun	7-Jul	
26.	Overhead Lines Inspection Techniques	OLIT	2	3,000	26-Jun	7-Jul	
27.	Surveying for Electricity Utility Applications	SEUA	3-Days	1,000	3-Jul	5-Jul	
28.	AutoCAD Techniques for Practicing Professionals	ATPP	1	2,000	10-Jul	14-Jul	
29.	Distribution Lines Design and Construction	DLDC	2	3,000	10-Jul	21-Jul	
30.	Hydropower Construction Management and Contracts	HCMC	2	3,000	10-Jul	21-Jul	
31.	Microprocessor Logic Controls	MLC	3	4,000	10-Jul	28-Jul	
32.	Transmission Lines Design and Construction	TLDC	2	3,000	10-Jul	21-Jul	
33.	Maintenance Planning and Scheduling	MPS	3-Days	1,000	24-Jul	26-Jul	
34.	Partial Discharge Testing Techniques	PDT	1	2,000	24-Jul	28-Jul	
35.	Switchgear Operations and Maintenance	SgOM	3	3,000	31-Jul	18-Aug	
36.	Generator Inspection, Testing and Maintenance	GITM	2	3,000	31-Jul	11-Aug	
37.	Supervisory Leadership	SL	1	1,000	31-Jul	4-Aug	
38.	Training of Trainers	TOT	1	1,500	31-Jul	4-Aug	
39.	Thermal Power Plant Operations and Maintenance	TPPOM	4	4,500	7-Aug	1-Sep	
40.	DC Power Systems Maintenance	DCPSM	1	1,500	7-Aug	11-Aug	
41.	Energy Efficiency and Management	EMM	2	3,000	7-Aug	18-Aug	
42.	Hydraulics and Turbine Regulations	HTR	3	3,500	21-Aug	8-Sep	
43.	Project Management	PM	1	1,500	21-Aug	25-Aug	
44.	Shift Charge Operations	SCO	10	7,000	28-Aug	3-Nov	
45.	Power Systems Operations	PSO	3	4,000	4-Sep	22-Sep	
46.	Customer Care	CC	3-Days	1,000	4-Sep	6-Sep	
47.	Power Quality Management Systems	PQMS	2	3,000	18-Sep	29-Sep	
48.	Maintenance and Troubleshooting of Distribution Systems	MTDS	2	3,000	25-Sep	6-Oct	
49.	Maintenance Management Systems	MMS	2	2,500	25-Sep	6-Oct	
50.	Distribution Lines Maintenance	DLM	2	3,000	9-Oct	20-Oct	
51.	Transformer and Motor Rewinding	TMR	3	5,000	9-Oct	27-Oct	
52.	Transformer and Switchgear Maintenance	TSM	3	4,000	9-Oct	27-Oct	
53.	Power Systems Protection	PSP	3	4,000	9-Oct	27-Oct	
54.	Substation Operations and Maintenance	SOM	3	3,500	30-Oct	17-Nov	
55.	Safety, Health, Environmental and Quality Management	SHEQM	2	3,000	30-Oct	10-Nov	
56.	Electricity Appreciation for Non-technical Personnel	EANT	1	1,500	30-Oct	3-Nov	
57.	Report Writing and Document Handling	RWDH	1	1,500	30-Oct	3-Nov	
58.	Advanced SCADA Systems Management	ASSM	1	1,500	6-Nov	10-Nov	
59.	Small Hydropower Development	SHD	3	4,000	6-Nov	24-Nov	
60.	Diploma in Hydropower Development and Management	DipHDU	3.5 Years	TBA	Demand Driven		
61.	Electricity Distribution Network Management	EDNM	3	4,000	Demand Driven		
62.	Emergency Restoration Systems	ERS	3-Days	1,000	Demand Driven		
63.	Fiber Optics for Telecommunication Applications	FOTA	1	1,500	Demand Driven		
64.	Generator Performance Dynamics	GPD	2	3,000	Demand Driven		
65.	Instrumentation and Process Control	IPC	2	3,000	Demand Driven		
66.	Mechanical Design of Transmission and Distribution Lines	MDTDL	1	1,500	Demand Driven		
67.	Metering Solutions Technology and Installations	MSTI	2	3,000	Demand Driven		
68.	Modern Distribution System Design and Planning	MDSDP	3	4,500	Demand Driven		
69.	Plant and Asset Management Systems	PAMS	1	1,000	Demand Driven		
70.	Divers and Rescue--Scuba Diving IMCA Certified	DRSD	2	3,500	Demand Driven		
71.	Environmental Auditing Training	EAT	3-Days	1,000	Demand Driven		
72.	Hydropower Dams for Practicing Professionals	HDPP	3-Days	1,000	Demand Driven		
73.	Managing Water Hyacinth and Siltation in Reservoirs	MWHSR	1	1,500	Demand Driven		
74.	Quality Management Systems	QMS	3-Days	1,000	Demand Driven		
75.	Safe Management of PCBs	SMPCBs	3-Days	1,000	Demand Driven		
76.	Financial Management in Utilities	FMU	3-Days	1,000	Demand Driven		
77.	Human Capital Management for Business Continuity	HCMB	1	1,500	Demand Driven		
78.	Revenue Protection Management and Prevention of Vandalism	RMPV	1	1,500	Demand Driven		
79.	Standardisation of the Electricity Supply Chain	SESC	1	1,500	Demand Driven		
80.	Strategic Management	SM	3-Days	1,000	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.