



## 2021 TECHNICAL TRAINING PROGRAMMES FOR THE POWER INDUSTRY

\*GENERATION \*TRANSMISSION \*DISTRIBUTION SUB-SECTORS

S/N	COURSE TITLE	COURSE FEES (₦)	DURATION (DAYS)	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
<b>TECHNICAL COURSES</b>													
<b>GENERATION SUB-SECTOR</b>													
1	SCADA, PLC & DCS	264,000.00	5			3 - 7			30 AUG - 3 SEP				
2	Operations and Maintenance of Steam Turbine Plants	264,000.00	5	8 - 12									6 - 10
3	Operations and Maintenance of Gas Turbines	264,000.00	5	29 MAR - 2 APR				5 - 9			4 - 8		
4	Power Generator Components, Auxiliaries & Excitation Systems	264,000.00	5			17 - 21			16 - 20				
5	Troubleshooting, Repairs and Maintenance of Turbine Control Systems	198,000.00	3	23 - 25						1 - 3			
6	Pumps & Valves: Selection, Operation & Maintenance	264,000.00	5		19 - 23		28 JUN - 2 JUL				4 - 8		
7	Balancing and Alignment Techniques	264,000.00	5				21 - 25					1 - 5	
8	Vibration Analysis & Predictive Maintenance	264,000.00	5			17 - 21							6 - 10
9	Scaffold Erection Training	165,000.00	3				16 - 18				13 - 15		
10	Scaffold Inspection Training	165,000.00	3			26 - 28						3 - 5	
11	Corrosion Detection, Control & Prevention	198,000.00	3	17 - 19				28 - 30				17 - 19	
12	Welding & Fabrication Techniques	198,000.00	3		7 - 9				25 - 27				
<b>TRANSMISSION SUB-SECTOR</b>													
1	Protective Relaying and Metering	264,000.00	3			12 - 14						24 - 26	
2	Load Flow Analysis	264,000.00	3					7 - 9			20 - 22		
3	Power Facility Management & Operation Monitoring With SCADA	220,000.00	5			3 - 7					11 - 15		
4	Load Dispatch and Grid Management	264,000.00	3				23 - 25					24 - 26	
5	O & M of Transmission Equipment	264,000.00	3			5 - 7			18 - 20				
6	Power System Reliability	198,000.00	3			26 - 28				22 - 24			
<b>DISTRIBUTION SUB-SECTOR</b>													
1	Power Cables and Jointing Techniques (33/11kv)	198,000.00	3	17 - 19								10 - 12	
2	SCADA in Substation Operation, Control & Monitoring	264,000.00	5			3 - 7			2 - 6				
3	Electric Meters & Metering/ Revenue Protection: Basic	198,000.00	3	10 - 12				14 - 16			13 - 15		
4	Advance Metering Infrastructure/ Revenue Protection	270,000.00	3			19 - 21					20 - 22		
5	O & M of Distribution Equipment (Fitters Course)	198,000.00	3				23 - 25		25 - 27				
6	Grounding and Earthing of Electrical Equipment: Procedures, Techniques and Maintenance	198,000.00	3			7 - 9						17 - 19	
7	Transformers: Operations, Testing & Maintenance Procedures	198,000.00	3	10 - 12					18 - 20				8 - 10
8	Strategies For Revenue Generation & Debt Recovery	198,000.00	3			7 - 9				8 - 10			
9	Preventive Maintenance of Distribution Lines	198,000.00	3			12 - 14				22 - 24			
10	Circuit Breakers & Switchgears Operations, Maintenance & Troubleshooting	198,000.00	3				16 - 18					3 - 5	
<b>SAFETY COURSES</b>													
1	Power Plant Safety & Accident Management System	165,000.00	3				16 - 18						
2	Safety Techniques in Handling Power Distribution Equipment	165,000.00	3							1 - 3			
3	Safety Techniques in Overhead Lines Maintenance (EHV/HV)	165,000.00	3					21 - 23					
4	Occupational Health & Safety Hazards (For Power Industry)	165,000.00	3	3 - 5								10 - 12	
<b>GENERAL COURSES</b>													
1	PLC SIEMENS S7 (300 & 400): Application in Power Plants	220,000.00	5			10 - 14				13 - 17			
2	High Voltage Testing of Power System Equipment	165,000.00	3		7 - 9				18 - 20				
3	Electrical Power Systems (Generation, Distribution & Management)	220,000.00	5	8 - 12				5 - 9					
4	Power Systems Faults	220,000.00	5								4 - 8		
5	Power Systems Protection	220,000.00	5	1 - 5						6 - 10			
6	Aggregate Technical, Commercial & Collection Losses (ATC&C): Management & Reduction	220,000.00	5					19 - 23			18 - 22		
7	EHV, HV & MV Substations Operations, Maintenance & Communication System	220,000.00	5		29 MAR - 2 APR								6 - 10

\*Training Venue: AETI POWER SYSTEMS AND CONTROLS LIMITED  
 \*Please note that any of these programmes can be scheduled at your convenience and customized to meet your Organizational needs and requirements  
 \*Discounted rates are available for multiple registration  
 \*Visit [onlinetraining.aetinigeria.com](http://onlinetraining.aetinigeria.com) for virtual programmes

FOR NOMINATIONS AND ENQUIRIES PLEASE CONTACT  
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NOTE: ALL COURSES CAN BE TAKEN FULLY ONLINE, FULLY IN-PLANT OR AT OUR FACILITY. IT COULD ALSO BE TAKEN AS PARTLY ONLINE AND PARTLY AT OUR FACILITY.

**OUR OTHER SERVICES**

Power Projects and Consulting Services  
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