



PUBLIC UTILITIES REGULATORY COMMISSION

GHANA GRID COMPANY (GRIDCo) KEY REGULATORY INDICATORS

2021 First Quarter Performance

SYSTEM SUPPLY INDICES	UNITS	Q1
Total Energy Transmitted	GWh	5320.81
Max System Demand	MW	3172.00
Average Demand MW	MW	2409.79
Load Factor	%	75.97%
Utilization Power Factor	%	0.00%
Transmission Line Availability		
69KV	%	99.31%
161KV	%	99.51%
225KV	%	93.21%
330KV	%	99.44%
System Availability	%	96.46%
Index of Transmission Reliability	%	99.62%
Number of Lines Outage		
Planned		93
Unplanned		727
Reliability Indices		
SAIDI (Excluding Planned Outages)	hh:mm	5:55
SAIFI (Excluding Planned Outages)		3.45
Average Feeder Availability		
Including Planned Outages		99.93%
Excluding Planned Outages		99.94%

SYSTEM SUPPLY INDICES	UNITS	Q1
Worst performing ECG feeder		
Feeder Name	ID	13F1
Availability	%	99.52%
Worst Performing Ned Feeder		
Feeder Name	ID	73F2
Availability	%	99.84%
ECG Feeder Availability		
Including Planned	%	99.93%
Excluding Planned	%	99.93%
NED Feeder Availability		
Including Planned	%	99.92%
Excluding Planned	%	99.93%
Load Shedding Events		
Automatic Load Shedding (AFLS)		
Number of incidence		5
Total Duration	hh:mm	9:52:00
Manual Load Shedding		
Number of incidence		116
Total Duration	hh:mm	119:06:00
Frequency Deviation		
% Of times frequency was within limits	%	52.58%
% Of times frequency was outside limits	%	17.42%