



PUBLIC UTILITIES REGULATORY COMMISSION

GHANA GRID COMPANY (GRIDCo) KEY REGULATORY INDICATORS

2021 Fourth Quarter Performance

SYSTEM SUPPLY INDICES	UNITS	Q4
Total Energy Transmitted	GWh	5551.49
Max System Demand	MW	3246.00
Average Demand MW	MW	2514.26
Load Factor	%	77.46%
Utilization Power Factor	%	0.00%
Transmission Line Availability		
69KV	%	99.95%
161KV	%	99.41%
225KV	%	96.76%
330KV	%	97.19%
System Availability	%	99.22%
Index of Transmission Reliability	%	99.37%
Number of Lines Outage		
Planned		63
Unplanned		405
Reliability Indices		
SAIDI (Excluding Planned Outages)	hh:mm	4:02
SAIFI (Excluding Planned Outages)		2.49
Average Feeder Availability		
Including Planned Outages		99.88%
Excluding Planned Outages		99.81%

SYSTEM SUPPLY INDICES	UNITS	Q4
Worst performing ECG feeder		
Feeder Name	ID	64F2
Availability	%	99.13%
Worst Performing Ned Feeder		
Feeder Name	ID	35T1Y
Availability	%	98.96%
ECG Feeder Availability		
Including Planned	%	99.91%
Excluding Planned	%	99.88%
NED Feeder Availability		
Including Planned	%	99.73%
Excluding Planned	%	99.48%
Load Shedding Events		
Automatic Load Shedding (AFLS)		
Number of incidence		1
Total Duration	hh:mm	0:13:00
Manual Load Shedding		
Number of incidence		64
Total Duration	hh:mm	37:21:00
Frequency Deviation		
% Of times frequency was within limits	%	86.10%
% Of times frequency was outside limits	%	13.90%