



PUBLIC UTILITIES REGULATORY COMMISSION

GHANA GRID COMPANY (GRIDCo) KEY REGULATORY INDICATORS

2023 First Quarter Performance

SYSTEM SUPPLY INDICES	UNITS	Q1
Total Energy Transmitted	GWh	5972.98
Max System Demand	MW	3558.00
Average Demand MW	MW	2705.16
Load Factor	%	76.03%
Transmission Line Availability		
69KV	%	99.98%
161KV	%	99.56%
225KV	%	99.45%
330KV	%	99.48%
System Availability	%	99.57%
Index of Transmission Reliability	%	99.91%
Number Of Lines Outage		
Planned		108
Unplanned		239
Reliability Indices		
SAIDI (Excluding Planned Outages)	hh:mm	01:01
SAIFI (Excluding Planned Outages)		1.29
Average Feeder Availability		
Including Planned Outages		99.97%
Excluding Planned Outages		99.98%
Worst Performing ECG Feeder		
Feeder Name	ID	11F2
Availability	%	99.59%
Worst Performing NEDCo Feeder		
Feeder Name	ID	63T2F2
Availability	%	99.87%

SYSTEM SUPPLY INDICES	UNITS	Q1
ECG Feeder Availability		
Including Planned	%	99.96%
Excluding Planned	%	99.97%
NEDCo Feeder Availability		
Including Planned	%	99.98%
Excluding Planned	%	99.99%
Load Shedding Events		
Automatic Load Shedding (AFLS)		
Number of incidences		51
Total Duration	hh:mm:ss	1:18:00
Manual Load Shedding		
Number of incidences		51
Total Duration	hh:mm:ss	77:27:00
Frequency Deviation		
% Of times frequency was within limits	%	81.23%
% Of times frequency was outside limits	%	18.77%