



PUBLIC UTILITIES REGULATORY COMMISSION

GHANA GRID COMPANY (GRIDCo) KEY REGULATORY INDICATORS

2024 First Quarter Performance

SYSTEM SUPPLY INDICES	UNITS	Q1
Total Energy Transmitted	GWh	6,316.70
Max System Demand	MW	3,556.00
YTD Maximum System Demand		3,618.00
Average Demand MW	MW	2,860.82
Load Factor	%	79.07%
Transmission Line Availability		
69KV	%	99.69%
161KV	%	99.80%
225KV	%	95.28%
330KV	%	99.69%
System Availability	%	99.76%
Index of Transmission Reliability	%	99.88%
Number Of Lines Outage		
Planned	#	76
Unplanned	#	278
Reliability Indices		
SAIDI (Excluding Planned Outages)	hh:mm	01:37
SAIFI (Excluding Planned Outages)		0.95
Average Feeder Availability		
Including Planned Outages		99.89%
Excluding Planned Outages		99.89%
Worst Performing ECG Feeder		
Feeder Name	ID	87F3
Availability	%	99.07%
Worst Performing NEDCo Feeder		
Feeder Name	ID	63T2F1
Availability	%	99.93%

SYSTEM SUPPLY INDICES	UNITS	Q1
ECG Feeder Availability		
Including Planned	%	99.80%
Excluding Planned	%	99.80%
NEDCo Feeder Availability		
Including Planned	%	99.99%
Excluding Planned	%	99.99%
Load Shedding Events		
Automatic Load Shedding (AFLS)		
Number of incidences		6
Total Duration	hh:mm:ss	6:23:00
Manual Load Shedding		
Number of incidences		363
Total Duration	hh:mm:ss	1030:36:00
Frequency Deviation		
% Of times frequency was within limits	%	34.23%
% Of times frequency was outside limits	%	65.77%