



## PUBLIC UTILITIES REGULATORY COMMISSION

### GHANA GRID COMPANY (GRIDCo) KEY REGULATORY INDICATORS

#### 2023 Fourth Quarter Performance

SYSTEM SUPPLY INDICES	UNITS	Q4
Total Energy Transmitted	GWh	6106.07
Max System Demand	MW	3618.00
Average Demand MW	MW	2765.43
Load Factor	%	76.44%
<b>Transmission Line Availability</b>		
69KV	%	99.44%
161KV	%	99.10%
225KV	%	98.91%
330KV	%	99.63%
<b>System Availability</b>	%	99.16%
<b>Index of Transmission Reliability</b>	%	99.82%
<b>Number Of Lines Outage</b>		
Planned		115
Unplanned		327
<b>Reliability Indices</b>		
SAIDI (Excluding Planned Outages)	hh:mm	05:05
SAIFI (Excluding Planned Outages)		1.75
<b>Average Feeder Availability</b>		
Including Planned Outages		99.79%
Excluding Planned Outages		99.77%
<b>Worst Performing ECG Feeder</b>		
Feeder Name	ID	34F1
Availability	%	97.68%
<b>Worst Performing NEDCo Feeder</b>		
Feeder Name	ID	68F1
Availability	%	95.51%

<b>SYSTEM SUPPLY INDICES</b>	<b>UNITS</b>	<b>Q4</b>
<b>ECG Feeder Availability</b>		
Including Planned	%	99.82%
Excluding Planned	%	99.87%
<b>NEDCo Feeder Availability</b>		
Including Planned	%	99.86%
Excluding Planned	%	99.75%
<b>Load Shedding Events</b>		
<b>Automatic Load Shedding (AFLS)</b>		
Number of incidences		2
Total Duration	hh:mm:ss	7:38:00
<b>Manual Load Shedding</b>		
Number of incidences		124
Total Duration	hh:mm:ss	325:13:00
<b>Frequency Deviation</b>		
% Of times frequency was within limits	%	35.55%
% Of times frequency was outside limits	%	64.45%