



# PUBLIC UTILITIES REGULATORY COMMISSION

## GHANA GRID COMPANY (GRIDCo) KEY REGULATORY INDICATORS

### 2020 Fourth Quarter Performance

SYSTEM SUPPLY INDICES	UNITS	Q4
Total Energy Transmitted	GWh	5,210.07
Max System Demand	MW	3,448.00
Average Demand MW	MW	2,359.63
Load Factor	%	68.43%
<b>TRANSMISSION LINE AVAILABILITY</b>		
69KV	%	99.37%
161KV	%	99.40%
225KV	%	98.22%
330KV	%	98.76%
<b>System Availability</b>	%	99.28%
<b>Index of Transmission Reliability</b>	%	99.60%
<b>NUMBER OF LINES OUTAGE</b>		
Planned		98
Unplanned		364
<b>RELIABILITY INDICES</b>		
SAIDI (Excluding Planned Outages)	hh:mm	1:49
SAIFI (Excluding Planned Outages)		1.54
<b>AVERAGE FEEDER AVAILABILITY</b>		
Including Planned Outages		99.94%
Excluding Planned Outages		99.92%
<b>WORST PERFORMING ECG FEEDER</b>		
Feeder Name	ID	14F2
Availability	%	97.45%
<b>WORST PERFORMING NED FEEDER</b>		
Feeder Name	ID	69F2
Availability	%	99.76%
<b>ECG FEEDER AVAILABILITY</b>		
Including Planned	%	99.92%
Excluding Planned	%	99.89%

<b>SYSTEM SUPPLY INDICES</b>	<b>UNITS</b>	<b>Q4</b>
<b>NED FEEDER AVAILABILITY</b>		
Including Planned	%	99.95%
Excluding Planned	%	99.94%
<b>LOAD SHEDDING EVENTS</b>		
<b>Automatic Load Shedding (AFLS)</b>		
Number of incidence		4
Total Duration	hh:mm	2:08:00
<b>Manual Load Shedding</b>		
Number of incidence		18
Total Duration	hh:mm	15:19:00
<b>FREQUENCY DEVIATION</b>		
% Of times frequency was within limits	%	52.58%
% Of times frequency was outside limits	%	17.42%