



# PUBLIC UTILITIES REGULATORY COMMISSION

## GHANA GRID COMPANY (GRIDCo) KEY REGULATORY INDICATORS

### 2024 Second Quarter Performance

| SYSTEM SUPPLY INDICES                    | UNITS | Q2       |
|------------------------------------------|-------|----------|
| Total Energy Transmitted                 | GWh   | 5,938.24 |
| Max System Demand                        | MW    | 3,553.00 |
| YTD Maximum System Demand                |       | 3,618.00 |
| Average Demand MW                        | MW    | 2,689.42 |
| Load Factor                              | %     | 74.33%   |
| <b>Transmission Line Availability</b>    |       |          |
| 69KV                                     | %     | 99.68%   |
| 161KV                                    | %     | 98.91%   |
| 225KV                                    | %     | 95.86%   |
| 330KV                                    | %     | 99.43%   |
| <b>System Availability</b>               | %     | 99.00%   |
| <b>Index of Transmission Reliability</b> | %     | 99.83%   |
| <b>Number Of Lines Outage</b>            |       |          |
| Planned                                  |       | 130      |
| Unplanned                                |       | 268      |
| <b>Reliability Indices</b>               |       |          |
| SAIDI (Excluding Planned Outages)        | hh:mm | 01:30    |
| SAIFI (Excluding Planned Outages)        |       | 1.41     |
| <b>Average Feeder Availability</b>       |       |          |
| Including Planned Outages                |       | 99.92%   |
| Excluding Planned Outages                |       | 99.93%   |
| <b>Worst Performing ECG Feeder</b>       |       |          |
| Feeder Name                              | ID    | 18F2     |
| Availability                             | %     | 99.26%   |
| <b>Worst Performing NEDCo Feeder</b>     |       |          |
| Feeder Name                              | ID    | 73F1     |
| Availability                             | %     | 99.96%   |

| SYSTEM SUPPLY INDICES                   | UNITS    | Q2        |
|-----------------------------------------|----------|-----------|
| <b>ECG Feeder Availability</b>          |          |           |
| Including Planned                       | %        | 99.89%    |
| Excluding Planned                       | %        | 99.90%    |
| <b>NEDCo Feeder Availability</b>        |          |           |
| Including Planned                       | %        | 99.99%    |
| Excluding Planned                       | %        | 99.99%    |
| <b>Load Shedding Events</b>             |          |           |
| <b>Automatic Load Shedding (AFLS)</b>   |          |           |
| Number of incidences                    |          | 19        |
| Total Duration                          | hh:mm:ss | 27:24:00  |
| <b>Manual Load Shedding</b>             |          |           |
| Number of incidences                    |          | 202       |
| Total Duration                          | hh:mm:ss | 586:48:00 |
| <b>Frequency Deviation</b>              |          |           |
| % Of times frequency was within limits  | %        | 26.22%    |
| % Of times frequency was outside limits | %        | 73.78%    |