



PUBLIC UTILITIES REGULATORY COMMISSION

GHANA GRID COMPANY (GRIDCo) KEY REGULATORY INDICATORS

2021 Second Quarter Performance

| SYSTEM SUPPLY INDICES | UNITS | Q2 |
|--|-------|---------|
| Total Energy Transmitted | GWh | 5442.56 |
| Max System Demand | MW | 3206.00 |
| Average Demand MW | MW | 2464.93 |
| Load Factor | % | 76.88% |
| Utilization Power Factor | % | 0.00% |
| Transmission Line Availability | | |
| 69KV | % | 99.68% |
| 161KV | % | 98.90% |
| 225KV | % | 95.31% |
| 330KV | % | 99.27% |
| System Availability | % | 98.91% |
| Index of Transmission Reliability | % | 99.36% |
| Number of Lines Outage | | |
| Planned | | 87 |
| Unplanned | | 704 |
| Reliability Indices | | |
| SAIDI (Excluding Planned Outages) | hh:mm | 10:50 |
| SAIFI (Excluding Planned Outages) | | 5.49 |
| Average Feeder Availability | | |
| Including Planned Outages | | 99.80% |
| Excluding Planned Outages | | 99.76% |

| SYSTEM SUPPLY INDICES | UNITS | Q2 |
|---|--------------|-----------|
| Worst performing ECG feeder | | |
| Feeder Name | ID | 13F1 |
| Availability | % | 92.21% |
| Worst Performing Ned Feeder | | |
| Feeder Name | ID | 63T2F2 |
| Availability | % | 98.24% |
| ECG Feeder Availability | | |
| Including Planned | % | 99.71% |
| Excluding Planned | % | 99.67% |
| NED Feeder Availability | | |
| Including Planned | % | 99.78% |
| Excluding Planned | % | 99.69% |
| Load Shedding Events | | |
| Automatic Load Shedding (AFLS) | | |
| Number of incidence | | 5 |
| Total Duration | hh:mm | 13:44:00 |
| Manual Load Shedding | | |
| Number of incidence | | 136 |
| Total Duration | hh:mm | 152:34:00 |
| Frequency Deviation | | |
| % Of times frequency was within limits | % | 77.32% |
| % Of times frequency was outside limits | % | 22.68% |