

| POWER GRID COMPANY OF BANGLADESH LTD. NATIONAL LOAD DESPATCH CENTER DAILY REPORT | | | | | | | | | |
|--|--|---|--|--|--|--|--|--|--|
| | | | | | | Reporting Date : | | 18-Sep-23 | |
| the maximum generation is :- | | | | 15648.0 | | 21:00 Hrs on 19-Apr-23 | | | |
| the Summary of Yesterday's | | | | 17-Sep-23 | | Generation & Demand | | Today's Actual Min Gen. & Probable Gen. & Demand | |
| Day Peak Generation : | | 13849.0 MW | | Hour : | | 12:00 | | Min. Gen. at 8:00 | |
| Evening Peak Generation : | | 14277.0 MW | | Hour : | | 19:00 | | Available Max Generation : | |
| E.P. Demand (at gen end) : | | 14900.0 MW | | Hour : | | 19:00 | | Max Demand (Evening) : | |
| Maximum Generation : | | 14277.0 MW | | Hour : | | 19:00 | | Reserve(Generation end) | |
| Total Gen. (MKWH) : | | 324.997 | | System Load Factor | | 94.85% | | Load Shed : | |
| EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR | | | | | | | | | |
| from East grid to West grid :- Maximum | | | | 760 MW | | at 19:00 | | Energy | |
| from West grid to East grid :- Maximum | | | | | | | | Energy | |
| Actual : | | Water Level of Kaptai Lake at 6:00 A.M on 107.90 Ft.(MSL) . | | Rule curve : | | 102.91 Ft.(MSL) . | | | |
| Gas Consumed : | | Total = 1128.56 MMCFD. | | Oil Consumed (PDB) : | | | | HSD : FO : | |
| the Consumed Fuel (PDB+Pvt) : | | | | Gas : Tk169,577.092 | | Coal : Tk582,150,252 | | Oil : Tk792,354,780 | |
| | | | | | | | | Total : Tk1,544,082,124 | |
| Load Shedding & Other Information | | | | | | | | | |
| Area | | Yesterday | | Estimated Demand (S/S end) | | Today | | Rates of Shedding | |
| | | MW | | MW | | Estimated Shedding (S/S end) | | (On Estimated Demand) | |
| | | | | | | MW | | | |
| Dhaka | | 25 | | 0:00 | | 5149 | | 0 | |
| Chittagong Area | | 0 | | 0:00 | | 1418 | | 0 | |
| Khulna Area | | 35 | | 0:00 | | 1988 | | 0 | |
| Rajshahi Area | | 0 | | 0:00 | | 1729 | | 0 | |
| Cumilla Area | | 20 | | 0:00 | | 1422 | | 0 | |
| Mymensingh Area | | 245 | | 0:00 | | 1058 | | 0 | |
| Sylhet Area | | 110 | | 0:00 | | 592 | | 0 | |
| Barisal Area | | 0 | | 0:00 | | 494 | | 0 | |
| Rangpur Area | | 160 | | 0:00 | | 967 | | 0 | |
| Total | | 595 | | 14816 | | 0 | | 0 | |
| Information of the Generating Units under shut down. | | | | | | | | | |
| Planned Shut- Down | | | | | | Forced Shut- Down | | | |
| | | | | | | 1) Barapukuria ST: Unit- 1,2 2) Ghorasal-3,7 3) Shajibazar 330 MW 4) Baghabari-71,100 MW 5) Raozan unit-2 6) Siddhirganj 210 MW . | | | |
| Outage | | Restore | | Additional Information of Machines, lines, Interruption / Forced Load shed etc. | | | | Remark | |
| Time | | Time | | | | | | | |
| 08:22 | | 09:34 | | Barapukuria 230/132/33kV S/S 132/33 KV T-4, 444T LT Scheduled S/D Due to Red hot maintenance work. | | | | 30.0MW load interrup. | |
| 08:23 | | 09:28 | | Barapukuria 230/132/33kV S/S 132/33 KV T-4, 444T HT Scheduled S/D Due to Red hot maintenance work. | | | | 30.0MW load interrup. | |
| 08:29 | | 09:04 | | Mymensingh-Netrokona 132kV Ckt-1 Tripped from Netrokona 132/33kV end showing Distance relays Due to Unknown | | | | | |
| | | 08:38 | | Rajshahi-Rajshahi(New) 132kV Ckt-1 is restored. | | | | | |
| | | 08:42 | | Natore-Rajshahi 132kV Ckt-1 is restored. | | | | | |
| | | 08:48 | | Bog-Sherpur 132/33kV S/S Transformer-2 (414T) HT is restored. | | | | | |
| | | 08:48 | | Bog-Sherpur 132/33kV S/S Transformer-2 (414T) LT is restored. | | | | | |
| 08:49 | | | | Matarbari 132/33 kV T-1 shutdown due to high temperature in 33 kV CT connector. | | | | | |
| 09:23 | | 17:19 | | Fatullah 132/33kV S/S 132/33 kV GT-1 LT Scheduled S/D Due to Annual Maintenance | | | | | |
| 09:24 | | 17:18 | | Fatullah 132/33kV S/S 132/33 kV GT-1 HT Scheduled S/D Due to Annual Maintenance | | | | | |
| 09:40 | | | | Bogura 132/33kV S/S Transformer-1 HT Forced S/D Due to By the Instruction of NLDC | | | | 50.0MW load interrup. | |
| 09:30 | | | | Bogura 132/33kV S/S Transformer-1 LT Forced S/D Due to By the Instruction of NLDC | | | | 50.0MW load interrup. | |
| 09:30 | | 09:33 | | Bogura 132/33kV S/S Transformer-2 HT is restored. | | | | | |
| 10:30 | | | | Matarbari 132/33 kV T-1 was switched ON. | | | | | |
| 11:16 | | | | Sylhet 132/33kV S/S T4 LT Tripped showing Ins O/C (50/51). relays. | | | | | |
| 11:27 | | 13:01 | | Juldah-Sikalbaha 132kV Ckt-1 Forced S/D from Juldah 132/33kV end Due to GI wire remove from no of 45 tower jumper (Emergency S/D). and from Shikalbaha 230/132kV end. | | | | | |
| 11:35 | | 11:53 | | Faridpur 132/33kV S/S Transformer-1 LT Tripped showing 33kV O/C, 33kV E/F relays Due to 33kV Vanga-01 Breaker pole blast | | | | 60.0MW load interrup. | |
| 11:35 | | 11:54 | | Faridpur 132/33kV S/S Transformer-2 LT Tripped showing 33kV O/C, 33kV E/F relays Due to 33kV Vanga-01 Breaker pole blast | | | | 60.0MW load interrup. | |
| 11:37 | | 13:16 | | Rangpur 132/33kV S/S Rangpur-GTPS Forced S/D Due to CT Maintenance | | | | | |
| 12:00 | | | | Day peak generation 13849 MW. | | | | | |
| 12:03 | | 12:45 | | Ashuganj-Cumilla(N) 230 kV Ckt-1 Tripped from Cumilla(N) 230/132/33kV end showing Dist. Relay; Back UP Dist. Relay relays Due to Dist. Prot. Operated | | | | | |
| 12:45 | | 12:59 | | Haripur-Narsingdi 132kV Ckt-1 Tripped from Haripur 230/132kV end showing Z-1,CN relays Due to Trip | | | | 109.0MW load interrup. | |
| 13:05 | | 14:21 | | BSRM-Cumilla(N) 230 kV Ckt-2 Tripped from Cumilla(N) 230/132/33kV end showing Busbar Diff. Relay; relays. | | | | Haripur 230/132kV S/S end. | |
| 13:05 | | 16:12 | | Ashuganj-Cumilla(N) 230 kV Ckt-2 Tripped from Cumilla(N) 230/132/33kV end showing Busbar Diff. Relay; relays. | | | | | |
| 13:05 | | 14:05 | | Cumilla(N)-Shajibazar 230 kV Ckt-2 Tripped from Cumilla(N) 230/132/33kV end showing Busbar Diff. Relay; relays Due to None | | | | | |
| 13:05 | | 14:04 | | Cumilla(N)-Shajibazar 230 kV Ckt-1 Tripped from Cumilla(N) 230/132/33kV end showing Busbar Diff. Relay; relays Due to None | | | | | |
| 13:05 | | 13:31 | | Cumilla(N)-Meghnaghat 230 kV Ckt-2 Tripped from Cumilla(N) 230/132/33kV end showing Busbar Diff. Relay; relays. | | | | | |
| 13:05 | | 13:29 | | Cumilla(N)-Meghnaghat 230 kV Ckt-1 Tripped from Cumilla(N) 230/132/33kV end showing Busbar Diff. Relay; relays. | | | | | |
| 13:05 | | 16:29 | | Ashuganj-Cumilla(N) 230 kV Ckt-1 Tripped from Cumilla(N) 230/132/33kV end showing Busbar Diff. Relay; Busbar Prot. Operated relays. | | | | | |
| 13:05 | | 13:17 | | Baroihat-Hathazari 132 kV Ckt-1 Tripped from Hathazari 230/132/33kV end showing backup.special protection,ins t relays. | | | | | |
| 13:05 | | 14:15 | | Hathazari 230/132/33kV S/S T-02 LT Tripped showing over current,lockout relays. | | | | 43.0MW load interrup. | |
| 13:05 | | 14:15 | | Hathazari 230/132/33kV S/S T-01 LT Tripped showing over current,lockout relays. | | | | 23.0MW load interrup. | |
| 13:05 | | 14:34 | | BSRM-Cumilla(N) 230 kV Ckt-1 Tripped from Cumilla(N) 230/132/33kV end showing Busbar Diff. Relay; relays. | | | | | |
| 13:05 | | 13:17 | | Baroihat-Hathazari 132 kV Ckt-2 Tripped from Hathazari 230/132/33kV end showing backup.special protection,ins t relays. | | | | | |
| 13:10 | | 13:44 | | Chandpur 132/33kV S/S 422T HT Forced S/D Due to Due to grid fail | | | | | |
| 13:10 | | 13:44 | | Chandpur 132/33kV S/S 402T HT Forced S/D Due to Due to grid fail | | | | | |
| 13:10 | | 13:44 | | Chandpur 132/33kV S/S 402T LT Forced S/D Due to Due to grid fail | | | | | |
| 13:10 | | 13:44 | | Chandpur 132/33kV S/S 422T LT Forced S/D Due to Due to grid fail | | | | | |
| 13:20 | | 13:56 | | Sikalbaha-TKCL 132kV Ckt-1 Tripped from Shikalbaha 230/132kV end showing Main 1 protection FN-1 relays Due to Distance Zone-1 trip | | | | | |
| 13:20 | | 14:56 | | Madunaghat-TKCL 132kV Ckt-1 Tripped from Madunaghat 132/33kV end showing REL670 relays. and from TK chemical end showing Distance Relay relays Due to Distance Relay 3 phase trip, Ar in proges, | | | | 25.0MW load interrup. | |
| 17:42 | | 17:40 | | Bheramara(GK) 132/33kV S/S TR-4 HT is restored. | | | | TK chemical 132/33 kV S/S end. | |
| | | 17:42 | | Unique PP Meghnaghat (504 MW) was sync. | | | | | |
| 20:16 | | 20:37 | | Bheramara(GK) 132/33kV S/S TR-4 LT is restored. | | | | | |
| | | | | Haripur 230/132kV S/S Ulon (Maniknagar-2) Tripped showing Distance send. Z-1, PH -Y relays Due to Rain and strom. | | | | 38.0MW load interrup. | |
| 20:43 | | 21:25 | | Bashundhara-Tongi 132 kV Ckt-2 Tripped from Tongi 230/132/33kV end showing Distance Relay, C phase. Zone-01 relays. | | | | | |
| 21:18 | | 21:28 | | Tongi 230/132/33kV S/S Tongi-Uttara Ckt Tripped showing Distance Relay, phase-B, SOTF. relays. | | | | | |
| 21:58 | | | | Evening Peek Generation 14277 MW at 19:00. | | | | | |
| 23:15 | | 02:51 | | Chowmuhani 132/33kV S/S TR2-425T LT Forced S/D Due to 33kV Incoming Y-Phase Isolator Top Nut "RED-HOT". Load Shear to T-1 Bus. | | | | | |
| 23:16 | | 02:50 | | Chowmuhani 132/33kV S/S TR2-425T HT Forced S/D Due to 33kV Incoming Y-Phase Isolator Top Nut "RED-HOT". Load Shear to T-1 Transformer. | | | | | |
| 01:41 | | 02:07 | | Fenchuganj 230/132/33kV S/S TR-02 HT Tripped showing REC-650, relays Due to Thunder | | | | | |
| 02:34 | | 02:50 | | Bagerhat-Orion Line Tripped From Orion End. | | | | | |
| 04:49 | | 05:22 | | Mongla 132/33kV S/S T-1 LT Tripped showing O/C/E/F relays Due to 33kV pbs-1 faulty by O/C/E/F | | | | 16.0MW load interrup. | |
| 04:49 | | 05:23 | | Mongla 132/33kV S/S T-2 LT Tripped showing O/C/E/F relays Due to 33kV pbs-1 faulty by O/C/E/F | | | | 16.0MW load interrup. | |
| 05:50 | | | | Meghnaghat Summit CCPP 305MW GT-1 tripped. | | | | 125MW generation interrup. | |
| 06:25 | | | | Narshingdi 132/33kV S/S T-1 LT Scheduled S/D Due to 33 kv Side D/S Figure Change | | | | 20.0MW load interrup. | |
| 06:26 | | | | Narshingdi 132/33kV S/S T-1 HT Scheduled S/D Due to 33 kv Side D/S Figure Change | | | | 20.0MW load interrup. | |
| 07:00 | | | | Minimum generation is 11531 MW. | | | | | |
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| Sub Divisional Engineer Network Operation Division | | | | Executive Engineer Network Operation Division | | | | Superintendent Engineer Load Despatch Circle | |