

**POWER GRID COMPANY OF BANGLADESH LTD.
NATIONAL LOAD DESPATCH CENTER
DAILY REPORT**

| | | | | | | |
|---------------------------------------|------------|--------------------|---------------------|--|-----------|----------------------------|
| Till now the maximum generation is :- | | 1864.6 | 21:00 | hrs on | 19-Apr-23 | Reporting Date : 31-Mar-24 |
| The Summary of Yesterday's | | 30-Mar-24 | Generation & Demand | Today's Actual Min Gen. & Probable Gen. & Demand | 18-Apr-23 | |
| Day Peak Generation : | 11576.0 MW | Hour : | 12:00 | Min. Gen. at | 8:00 | 5627 |
| Evening Peak Generation : | 13533.0 MW | Hour : | 21:00 | Available Max Generation | | 13440 |
| E.P. Demand (at sen end) : | 14050.0 MW | Hour : | 21:00 | Max Demand (Evening) | | 13800 |
| Maximum Generation : | 13406.0 MW | Hour : | 22:00 | Reserve(Generation end) | | - |
| Total Gen. (MWH) : | 284.65 | System Load Factor | 88.47% | Load Shed | | 332 |

| | | | | | | |
|--|-----------|---------|----|--------------|--------|---------|
| Export from East grid to West grid - Maximum | | 650 MW | at | 20:00 | Energy | |
| Import from West grid to East grid - Maximum | | 650 MW | at | | Energy | |
| Water Level of Kaptai Lake at 600 A M on | 31-Mar-24 | | | | | |
| Actual : | 79.90 | Fl(MSL) | | Rule curve : | 88.84 | Fl(MSL) |

| | | | | | | |
|--------------------------------------|---------|---------------|----------------------|---------------|---------|-----------------|
| Gas Consumed : | Total = | 952.26 MMCFD. | Oil Consumed (POB) : | | HSD : | |
| | | | | | FO : | |
| Cost of the Consumed Fuel (PDB+PV) : | Gas : | Tk400,190,891 | Oil : | Tk571,396,162 | Total : | Tk1,626,786,317 |
| | Coal : | Tk555,199,243 | | | | |

| Load Shedding & Other Information | | | | | | |
|-----------------------------------|------------|------|----------------------------|------------|------------------------------|---|
| Area | Yesterday | | Estimated Demand (S/S end) | Today | Estimated Shedding (S/S end) | Rates of Shedding (On Estimated Demand) |
| | MW | | MW | MW | MW | |
| Dhaka | 65 | 0.00 | 4567 | 93 | 2% | |
| Chittagong Area | 80 | 0.00 | 1255 | 42 | 3% | |
| Khulna Area | 153 | 0.00 | 1758 | 49 | 3% | |
| Rajshahi Area | 125 | 0.00 | 1528 | 35 | 2% | |
| Cumilla Area | 100 | 0.00 | 1257 | 33 | 3% | |
| Mymensingh Area | 66 | 0.00 | 935 | 35 | 4% | |
| Sylhet Area | 0 | 0.00 | 524 | 15 | 3% | |
| Barisal Area | 0 | 0.00 | 437 | 0 | 0% | |
| Rangpur Area | 0 | 0.00 | 654 | 30 | 4% | |
| Total | 666 | | 13114 | 332 | | |

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| Information of the Generating Units under shut down. | |
| Planned Shut-Down | Forced Shut-Down |
| | 1) Barapaisa ST Unit-1,2 2) Ghorasal-3,7 3) Sheikbazar 330 MW 4) Bachchari 100 MW 5) Raouzan unit-2 6) Siddhironi 210 MW . 7) Ashuan North |

| Outage | Restore | Additional Information of Machines, Lines, Interruption / Forced Load shed etc. | Remark |
|--------|---------|--|----------------------|
| 08:17 | 21:22 | Barisal HT 132/33kV S/S TR-1, 406T LT Forced SID Due to U-clamp change work | |
| 08:18 | 21:21 | Barisal 132/33kV S/S TR-1, 406T HT Forced SID Due to U-clamp change work | |
| 09:32 | 15:26 | Rahapur 400/132kV S/S AT-01 LT Scheduled SID Due to SAS WITNESS | |
| 09:33 | 10:41 | Sholoshor 132/33kV S/S TRAFD-01 HT Scheduled SID Due to Nest removing | |
| 09:35 | 15:23 | Rahapur 400/132kV S/S AT-01 HT Scheduled SID Due to SAS WITNESS | |
| 11:07 | 12:42 | Tangail 132/33kV S/S T-4 LT Project Work SID Due to 33 kV Bay Extension work of PDB | |
| 11:07 | 12:42 | Tangail 132/33kV S/S T-4 HT Project Work SID Due to 33 kV Bay Extension work of PDB | |
| 11:11 | 11:39 | Sholoshor 132/33kV S/S TRAFD-02 HT Scheduled SID Due to Nest removing | |
| 11:40 | | Cumilla (N) 230/132 kv T-3 (Rampur) was switched on from 230 kv side. | |
| 12:00 | | Day Peak Gen. 11577 MW | |
| 13:08 | 17:07 | Rahapur 400/132kV S/S Bus Reactor 400 KV Scheduled SID Due to Sas witness | |
| 13:48 | 13:27 | Madaripur 132/33kV S/S TR-3(424T) HT is restored. | |
| | 13:28 | Madaripur 132/33kV S/S TR-3(424T) LT is restored. | |
| | 13:52 | Siddhirganj 335 MW CAPP Synchronized with remarks:- GT | |
| | 13:52 | Saidpur 132/33kV S/S TR-3(424T) HT is restored. | |
| | 13:54 | Saidpur 132/33kV S/S TR-3(424T) LT is restored. | |
| 14:17 | 16:19 | Aminbazar-Kalyanpur 132kV Ck-1 Scheduled SID from Kalyanpur 132/33kV end Due to disconnected of Suspension insulator disc (Jumper) at angle lower no 05 of aminbazar Ck-1, Ph-R | |
| 14:50 | | Aminbazar 400/230/132kV S/S 400/132kV Interim Transformer LT Scheduled SID Due to Schedule shutdown | |
| 14:58 | | Aminbazar 400/230/132kV S/S 400/132kV Interim Transformer HT Scheduled SID Due to Schedule shutdown | |
| 15:23 | | Siddhirganj 335 MW CAPP Synchronized with remarks:- ST | |
| 15:25 | | SS Power Synchronized | |
| 15:56 | 16:27 | Aminbazar 400/230/132kV S/S 132 kv Bus Q2 Scheduled SID Due to Schedule shutdown | |
| 19:40 | 02:19 | Rangpur 132/33kV S/S Rangpur-Teesta Solar-1 Scheduled SID Due to Maintenance work | |
| 21:00 | | Rangpur-Rangpur Confidence(100MW) 132kV Ck-1 Scheduled SID from Rangpur 132/33kV end Due to Maintenance work | |
| 03:11 | 03:27 | Sakthira 132/33kV S/S Transformer-1 (T-1) LT Tripped showing E/F relay relays Due to 33 kv feeder fault. | 60.0MW load interup. |
| 05:10 | 05:40 | Kashila 132/33kV S/S T2 LT Tripped showing K1 relays Due to E/F DMT | 20.0MW load interup. |
| 05:20 | 05:24 | Rajshahi 132/33kV S/S Transformer T-2(415) LT Tripped showing O/C relays Due to Airport Area Faulty | 10.0MW load interup. |
| 05:57 | 07:47 | Khulna (C) S/S T-3 405T LT Tripped showing C phase(inst)A phase(I) relays Due to 33kv khalishpur feeder CB burn | 27.0MW load interup. |
| 05:57 | 07:46 | Khulna (C) S/S T-3 405T HT Tripped showing O/C B phase(inst)B87 lockout relays Due to 33 kv khalishpur feeder CB burn | 27.0MW load interup. |
| 05:57 | 07:50 | Khulna (C) S/S T-2 415 HT Tripped showing 33 side - c phase (I) relays Due to 33kv khalishpur feeder CB burn | 27.0MW load interup. |
| 05:57 | 07:51 | Khulna (C) S/S T-2 415 LT Tripped showing 33kv side-o/c c phase (I) relays Due to 33 kv khalishpur feeder CB burn | 27.0MW load interup. |
| 06:18 | 06:21 | Rampal 400/230kV S/S Gopabari Line-1 Reactor is restored. | |
| 06:26 | | Kalkikai-Tangail 132kV Ck-1 Tripped from Kalkikai 400/230/132kV end showing REL-650 relays Due to Trip | |
| 06:32 | | Mirzapur 132/33kV S/S Transformer-01(E05) LT Tripped showing O/C relays Due to 33kv outpoin Feeder fault E/F, O/C | 15.0MW load interup. |
| 06:32 | | Mirzapur 132/33kV S/S Transformer-02(E07) LT Tripped showing O/C relays Due to 33kv outpoin Feeder fault E/F, O/C | 15.0MW load interup. |
| 06:41 | 06:41 | Rampal 400/230kV S/S Gopabari Line-2 Reactor is restored. | |
| 06:47 | 07:44 | Ishwardi 132/33kV S/S 132/33 kv T-2 LT Tripped showing SPIROTEC relays. | 20.0MW load interup. |
| 06:49 | | Ghorasal- Ishwardi 230 kv Ck-2 Tripped from Ishwardi 230/132kV end showing aurotec relays. | |
| 06:53 | | Mirzapur 132/33kV S/S Mirzapur-Tangail-ck-2A(E04) Tripped showing AUTO RECLOSE BLOCK relays. | 44.0MW load interup. |
| 06:53 | | Mirzapur 132/33kV S/S Mirzapur-Tangail-ck-2B(E03) Tripped showing AUTO RECLOSE BLOCK relays Due to None | 44.0MW load interup. |
| 06:53 | | Mirzapur 132/33kV S/S Mirzapur-Kalkikai-ck-2A(E08) Tripped showing AUTO RECLOSE BLOCK relays Due to None | 60.0MW load interup. |
| 06:53 | | Mirzapur 132/33kV S/S Mirzapur-Kalkikai-ck-2B(E-09) Tripped showing 66.1 588:2 rtp relay OPD relays. | 60.0MW load interup. |
| 06:54 | 07:42 | Haripur 230/132kV S/S Ullon (Manikganj-2) Tripped showing Distance Zone-2 RN relays Due to Rain and storm. | |
| 06:54 | | Bibiyanali 400 MW CAPP Tripped | |
| 06:54 | | Barisal 307 MW Tripped | |
| 06:54 | 07:04 | Sreepur 230/132kV S/S 132/33 kv T-2 LT Tripped showing FBCPU relays Due to Under Frequency | 31.0MW load interup. |
| 06:55 | | Moshiabzar-Rampura 132kV Ck-2 Tripped from Rampura 230/132kV end showing Dist. prot. (Z1,Z1)-Z1AN relays Due to Storm and from Moshiabzar 132/33kV end showing Distance (SOTF) relays Due to Storm | |
| 06:56 | | Manikganj 132/33kV S/S Kazla Ck-1 Tripped showing 1, B-Phase Trip, Zone-1 Trip relays. | |
| 06:57 | 07:18 | Bashundhara-Rampura 132 kv Ck-2 Tripped from Rampura 230/132kV end showing Distance Prot. (Z1,Z1)-Z1AN relays Due to Unknown | |
| 06:57 | 07:44 | Bashundhara-Rampura 132 kv Ck-1 Tripped from Rampura 230/132kV end showing 11High impedance Differential 87TEE(PDR) A-phase, 2) Distance prot.(Z1)-Z2,Z1AN Alarm, 3) Master Trip 86T2, 86T4, relays Due to Unknown | |
| 06:57 | 07:53 | Manikganj 230/132kV S/S Auto Transformer-01(705T) LT Tripped showing 132 kv control Panel relays Due to Due to Thundering Storm. | |
| 06:57 | 07:51 | Manikganj 230/132kV S/S Auto Transformer-01(705T) HT Tripped showing RET670 relays Due to Due to thundering Storm. | |
| 06:57 | 07:40 | Bashundhara-Tongj 132 kv Ck-1 Tripped from Tongj 230/132kV end showing Distance relay, B phase relays Due to Heavy storm | |
| 06:57 | 07:55 | Manikganj 230/132kV S/S LV AC-1 Tripped showing LVAC-1 Panel relays Due to Due to Thundering Storm. | |
| 06:59 | | Bhula-Rampura 230 kv Ck-4 Tripped from Rampura 230/132kV end showing 1) Dist. primary, 2) AN2) Dist. Backup- Z1, AN3) Aided Trip relays Due to storm and from Bhula 400/230kV end showing Distance Relay relays. | |
| 07:00 | 07:53 | Siddhirganj-Ullon (T at Manikganj) 132kV Ck-1 Tripped from Siddhirganj 132/33kV end showing Distance Relay relays Due to Heavy Rain | 8.0MW load interup. |
| 07:00 | | Minimum generation : 7332 MW | |
| 07:03 | | Savar 132/33kV S/S T-1 HT Tripped showing Differential Protection Relay F87T12) relays Due to DMT-2 Trip | 7.0MW load interup. |
| 07:03 | | Savar 132/33kV S/S T-2 HT Tripped showing Differential Protection Relay F87T12) relays Due to DMT-2 Trip | 7.0MW load interup. |
| 07:03 | | Savar 132/33kV S/S T-1 LT Tripped showing Differential Protection Relay F87T12) relays Due to DMT-2 Trip 132 KV Transformer Relay panel | 7.0MW load interup. |
| 07:03 | | Savar 132/33kV S/S T-2 LT Tripped showing Differential Protection Relay F87T12)132 kv Relay Panel relays Due to DMT-2 Trip 132 KV Transformer Relay Panel | 7.0MW load interup. |
| 07:05 | | Kabirpur-Tongj 132kV Ck-1 Tripped from Kabirpur 132/33kV end showing Distance Relay relays Due to Trip and from Tongj 230/132kV end showing Distance relay, B phase relays Due to Heavy storm | |
| 07:07 | | Agargaon-Salmajid 132kV Ck-2 Tripped from Agargaon 230/132kV end showing DIR O/C & E/F relays Due to Over Voltage | 22.0MW load interup. |
| 07:07 | | Sonargang 132/33kV S/S T-1 LT Tripped showing Dir O/C & E/F relay (O/C-I->) relays Due to PBS 33kv kabiliganj feeder fault. | 45.0MW load interup. |
| 07:07 | | Sonargang 230/132kV S/S T-2 LT Tripped showing Dir O/C & E/F relay (O/C-I->) relays Due to PBS 33kv Salm steel feeder fault. | 35.0MW load interup. |
| 07:07 | | Agargaon 230/132kV S/S 230kV Transformer-2 (715T2) HT Tripped showing NIA relays Due to Over Voltage | 66.0MW load interup. |
| 07:07 | 07:57 | Agargaon 230/132kV S/S 230kV Transformer-1 (705T1) LT Tripped showing DIR O/C & E/F relays Due to Over Voltage | 66.0MW load interup. |
| 07:07 | | Agargaon 230/132kV S/S 230kV Transformer-2 (715T2) LT Tripped showing DIR O/C & E/F relays Due to Over Voltage | 66.0MW load interup. |
| 07:07 | 07:57 | Agargaon-Bhasanik 132kV Ck-1 Tripped from Agargaon 230/132kV end showing DIR O/C & E/F relays Due to Over Voltage | 22.0MW load interup. |
| 07:07 | | Agargaon 230/132 kv end. | |
| 07:07 | | Agargaon 230/132 kv end. | |
| 07:07 | | Agargaon 230/132 kv end. | |
| 07:07 | 07:56 | Agargaon 230/132kV S/S 230kV Transformer-1 (705T1) HT Tripped showing NIA relays Due to Over Voltage | 66.0MW load interup. |
| 07:08 | | Bibiyanali 400 MW CAPP Tripped with remarks:- ST | |
| 07:10 | | Sylhet 225 MW CAPP Tripped with remarks:- ST | |
| 07:10 | | Bibiyanali 400 MW CAPP Synchronized with remarks:- GT | |
| 07:11 | | Sylhet 225 MW CAPP Synchronized with remarks:- GT | |
| 07:19 | | Sonargang 132/33kV S/S OPSULE-2) Tripped showing Line Distance relay (Z1L) relays Due to Trip | |
| 07:20 | | Sonargang 132/33kV S/S Bashundhara Line Tripped showing DIR O/C & E/F relays Due to Trip | |
| 07:21 | | Chhorasal Repowered CAPP Unit-4 Shutdown | |
| 07:26 | | Kabirpur 132/33kV S/S XFR, T-1 HT Tripped showing Miscom P127, relays Due to Trip | |
| 07:34 | | Madunaghat 132/33kV S/S TR-2(517T) LT Tripped showing REF615-(General Trip)5151N DMT,(R,Y,B) Phase fault] RET-650-(General Trip,(R,Y,B) Phase fault) LV,OC.51 DMT1TR relays. | |
| 07:38 | | Bhula-Haripur 132 kv Ck-1 Tripped from Haripur 230/132kV end showing Zone-1 BN, relays Due to Rain and Storm. | |
| 07:58 | | Haripur-Naraindi 132kV Ck-1 Tripped from Haripur 230/132kV end showing Z-1 BN relays Due to Rain and Storm. | |
| 07:58 | | 230/132kV end showing Z-1 BN relays Due to Rain and Storm. | |

Suh Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle