

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

Reporting Date : 22-Mar-24

Till now the maximum generation is :-

The Summary of Yesterday's	21-Mar-24	15648.0	21:00	Hrs on	19-Apr-23	Today's Actual Min Gen. & Probable Gen. & Demand
Day Peak Generation :	10124.0 MW	Hour :	12:00	Min. Gen. at	7:00	7249
Evening Peak Generation :	10246.0 MW	Hour :	18:00	Available Max Generation :		13365
E.P. Demand (at gen end) :	10246.0 MW	Hour :	18:00	Max Demand (Evening) :		10700
Maximum Generation :	10333.0 MW	Hour :	13:00	Reserve(Generation end)		2665
Total Gen. (MKWH) :	232.981	System Load Factor :	93.95%	Load Shed :		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR  
 Export from East grid to West grid -> Maximum 840 MW at 21:00 Energy  
 Import from West grid to East grid -> Maximum - MW at - Energy

Actual : Water Level of Kaptai Lake at 6:00 A.M on 22-Mar-24  
 80.97 Ft.(MSL) Rule curve : 89.64 Ft.(MSL)

Gas Consumed : Total = 847.82 MMCFD. Oil Consumed (PDB) :  
 HSD :  
 FO :

Cost of the Consumed Fuel (PDB+Pvt) :  
 Gas : Tk352,496,687  
 Coal : Tk517,104,573 Oil : Tk227,629,258 Total : Tk1,097,230,518

**Load Shedding & Other Information**

Area	Yesterday		Estimated Demand (S/S end)		Today Estimated Shedding (S/S end)		Rates of Shedding (On Estimated Demand)
	Time	MW	Time	MW	Time	MW	
Dhaka	0	0.00	0	4567	0	0	0%
Chittagong Area	0	0.00	0	1255	0	0	0%
Khulna Area	0	0.00	0	1758	0	0	0%
Rajshahi Area	0	0.00	0	1528	0	0	0%
Cumilla Area	0	0.00	0	1257	0	0	0%
Mymensingh Area	0	0.00	0	935	0	0	0%
Sylhet Area	0	0.00	0	524	0	0	0%
Barisal Area	0	0.00	0	437	0	0	0%
Rangpur Area	0	0.00	0	854	0	0	0%
<b>Total</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>13114</b>	<b>0</b>	<b>0</b>	<b>0%</b>

Information of the Generating Units under shut down.

Planned Shut-Down

Forced Shut-Down

- 1) Barapukuria ST: Unit- 1,2
- 2) Ghoraissi-3,5,7
- 3) Shajibazar 330 MW
- 4) Baghabari-71,100 MW
- 5) Raocan unit-2
- 6) Siddhirganj 210 MW .
- 7) Ashuganj North

**Outage**      **Restore**      **Additional Information of Machines, lines, Interruption / Forced Load shed etc.**      **Remark**

Time	Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:13	16:25	Mirpur-Uttara 3PH 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to B phase CT replacement work on Mirpur-Uttara Sector-18 Ckt	
08:47	08:25	Niamatpur 132/33kV S/S Transformer-2 (4177) LT is restored.	
08:58	11:57	Keraniganj-Nawabganj 132kV Ckt-2 Scheduled S/D from Nawabganj 132/33kV end Due to Instructed by NLDC Keraniganj-Nawabganj 132kV Ckt-2 Scheduled S/D from Keraniganj 230/132/33kV end Due to Maintenance work at Keraniganj end.	
09:08	12:51	Sunamganj 132/33kV S/S Chhatak-Sunamganj CKT-2 Scheduled S/D	
09:11	09:29	Bhaluka 132/33kV S/S Transformer-01 LT Tripped showing Alstom relays Due to 33kv gaffargaon feeder trip for C.T. burst.	50.0MW load interruption.
09:11	09:29	Bhaluka 132/33kV S/S Transformer-02 LT Tripped showing Alstom relays Due to 33kv gaffargaon feeder trip for C.T. burst.	
09:19	12:59	Sylhet 132/33kV S/S T4 LT Scheduled S/D Due to Ten Delta Test Purpose.	
09:19	12:59	Sylhet 132/33kV S/S T4 HT Scheduled S/D Due to Ten Delta Test Purpose.	
09:38	16:19	Madanganj 132/33kV S/S Madanganj-Haripur 132 kv Ckt-2 Forced S/D Due to Red hot maintenance	
09:38	09:38	Faridpur 132/33kV S/S 33 KV Bus is restored.	
09:38	16:18	Haripur 230/132kV S/S Madanganj-2 Scheduled S/D Due to Work of Madanganj Substation.	
12:00	12:10	Day peak Gen =10124 MW.	
12:37	13:27	Chapai 132/33kV S/S T-1 (4057) HT is restored. Siddhirganj 335 MW CAPP Tripped with remarks- ST	
14:13	13:27	Joypurhat-Naogaon 132kV Ckt-1 is restored.	
14:13	13:27	Haripur 230/132kV S/S Auto TR-1 HT Scheduled S/D Due to Oil Centrifuging Work.	
15:52	22:45	Haripur 230/132kV S/S Auto TR-1 LT Scheduled S/D Due to Oil Centrifuging Work. Mutuali-Siddhirganj 132kV Ckt-1 Tripped from Siddhirganj 132/33kV end showing Dist. zone -1 B- phase 0.3 km relays Due to Conductor loop break off in pot head B- phase. and from Mutuali 132/33kV end showing No Relay at Mutuali end relays Due to Tripping at Siddhirganj end	72.0MW load interruption.
15:53	16:36	Siddhirganj 132/33kV S/S 120MW EGCB GT2 Tripped showing LBB initiation relays Due to Mutuali line trip	
15:53	16:36	Siddhirganj 132/33kV S/S 120MW EGCB GT1 Tripped showing LBB initiation relays Due to Mutuali line trip	
16:10	16:10	Siddhirganj 335 MW CAPP Synchronized with remarks- manual update (GT/False)	
16:24	16:24	Siddhirganj 335 MW CAPP Synchronized with remarks- ST	
16:55	16:55	Matarbari 2*600 MW (CPGCL) Synchronized with remarks- manual update (Unit-1)	
16:55	17:20	Purbasadipur 132/33kV S/S T-1 Transformer (4037) HT Tripped showing No Relay relays.	40.0MW load interruption.
16:55	17:21	Purbasadipur 132/33kV S/S T-1 Transformer (4037) LT Tripped showing MCGG/ALSTOM relays Due to 33kv Balubari Fault	
16:55	17:29	Purbasadipur 132/33kV S/S T-2 Transformer (4137) HT Tripped showing MCGG/ALSTOM relays Due to 33kv Balubari Feeder Fault	21.0MW load interruption.
16:55	17:30	Purbasadipur 132/33kV S/S T-2 Transformer (4137) LT Tripped showing SIEMENS,SIPROTEC 7SJ82 relays Due to 33KV BALUBARI FEEDER FAULT	
17:12	17:12	Manikganj-Siddhirganj 230kV Ckt-2 is restored.	
18:00	18:00	Evening Peak Gen. 10246 MW	
18:45	18:45	Bashundhara-Tongi 132 KV Ckt-2 Tripped from Tongi 230/132/33kV end showing Distance relay,Z-1,B-Phase relays Due to Heavy Storm	
19:35	19:24	Kalurghat 132/33kV S/S TRFO-02(516T) LT is restored.	
19:35	22:17	Haripur 230/132kV S/S Ullon (Manikganj-2) Tripped showing Distance Zone-1 Y phase Neutral. relays Due to Rain and thundering.	
19:50	19:50	Haripur-Sonargaon 132kV Ckt-2 Tripped from Haripur 230/132kV end showing Distance Zone -1, AN. relays Due to Rain and Thundering. and from Sonargaon 132/33kV end showing General trip. Zone -1, R-phase fault, carrier record. AR operated. relays Due to Line Trip	
19:50	22:42	Mutuali-Siddhirganj 132kV Ckt-1 Forced S/D from Siddhirganj 132/33kV end Due to Conductor loop break off in pot head B- phase.	
19:51	20:04	Sonargaon 132/33kV S/S T-1 LT Forced S/D Due to Due to Haripur-2 circuit trip(NLDC instruction).	55.0MW load interruption.
19:58	19:58	Haripur-Sonargaon 132kV Ckt-2 Scheduled S/D from Sonargaon 132/33kV end Due to Line checking purpose.	
22:14	22:14	Bhola 225 MW CAPP Synchronized with remarks- GT-2 was sd at 22:14	
06:19	06:19	Bhandaria 132/33kV S/S Transformer-2 LT Project Work S/D Due to G2G project Work	10.0MW load interruption.
06:20	06:20	Bhandaria 132/33kV S/S Transformer-2 HT Project Work S/D Due to G2G project Work	
06:21	06:21	Bhandaria 132/33kV S/S Main Bus Bar Project Work S/D Due to G2G project Work	
06:21	06:21	Barishal-Bhandaria 132 kv Ckt-1 Project Work S/D from Bhandaria 132/33kV end Due to G2G Project Work and from Barishal 132/33kV end Due to Bhandaria Substation Bus Maintenance work	
06:23	06:23	Jamalpur 132/33kV S/S T-3 LT Scheduled S/D Due to 33 KV capacitor bank 3 disconnector switch maintenance work	8.0MW load interruption.
06:23	06:23	Jamalpur 132/33kV S/S T-3 HT Scheduled S/D Due to 33 KV capacitor bank 3 disconnector switch maintenance work	
06:24	06:24	Bagerhat-Bhandaria 132 kv Ckt-1 Project Work S/D from Bagerhat 132/33kV end Due to Ordered by ALDC, Khulna.	6.0MW load interruption.
06:26	06:26	Feni 132/33kV S/S T-2(415T) LT Scheduled S/D Due to For 33kV Isolator Maintenance	
06:26	06:26	Feni 132/33kV S/S T-2(415T) HT Scheduled S/D Due to For 33kV Isolator Maintenance	
06:30	06:30	Dohazari 132/33kV S/S Power Transformer -T-1 HT Project Work S/D Due to G2G capacity upgradation work	26.0MW load interruption.
06:30	06:30	Dohazari 132/33kV S/S Power Transformer -T-1 LT Project Work S/D Due to G2G capacity upgradation work	
06:36	06:36	Jashore 132/33kV S/S T-2 LT Project Work S/D Due to 33 kv busbar upgradation	35.0MW load interruption.
06:37	06:37	Jashore 132/33kV S/S T-2 HT Project Work S/D Due to 33 kv busbar upgradation	
06:37	06:37	Jashore 132/33kV S/S T-1 LT Project Work S/D Due to 33 kv busbar upgradation	
06:37	06:37	Jashore 132/33kV S/S T-1 HT Project Work S/D Due to 33kv busbar upgradation	
07:00	07:00	Minimum Generation = 7.251MW	
07:51	07:51	SS Power Shutdown with remarks- Unit-2	
07:58	07:58	Madaripur 132/33kV S/S T3-426T LT Tripped showing O/C relays.	4.0MW load interruption.
07:58	07:58	Madaripur 132/33kV S/S T3-426T HT Tripped showing O/C relays Due to None	

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle