

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

Reporting Date : 5-May-23

<b>Till now the maximum generation is :-</b>		<b>15648.0</b>	<b>21:00</b>	<b>Hrs on</b>	<b>19-Apr-23</b>
<b>The Summary of Yesterday's</b>		<b>4-May-23</b>	<b>Generation &amp; Demand</b>	<b>Today's Actual Min Gen. &amp; Probable Gen. &amp; Demand</b>	<b>6:00</b>
Day Peak Generation :	11374.0 MW	Hour :	12:00	Min. Gen. at	9352
Evening Peak Generation :	12411.0 MW	Hour :	19:30	Available Max Generation :	14821
E.P. Demand (at gen end) :	12411.0 MW	Hour :	19:30	Max Demand (Evening) :	11800
Maximum Generation :	12411.0 MW	Hour :	19:30	Reserve(Generation end)	3021
Total Gen. (MVKWh) :	269.0	System Load Factor	60.31%	Load Shed :	0

<b>EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR</b>					
Export from East grid to West grid - Maximum	590 MW	at	22:00	Energy	
Import from West grid to East grid - Maximum	MW	at	-	Energy	
Actual :	Water Level of Kaptai Lake at 6:00 A.M on 75.01 Ft.(MSL).	5-May-23	Rule curve :	81.24 Ft.(MSL)	

Gas Consumed :	Total = 1073.00 MMCFD.	Oil Consumed (PDB) :		HSD :	
				FO :	
Cost of the Consumed Fuel (PDB+PV) :	Gas : Tk159,545,231	Coal : Tk312,721,038	Oil : Tk707,174,127	Total :	Tk1,179,440,397

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	0	0:00	4507	0	0%
Chittagong Area	0	0:00	1249	0	0%
Khulna Area	0	0:00	1642	0	0%
Rajshahi Area	0	0:00	1449	0	0%
Cumilla Area	0	0:00	1237	0	0%
Mymensingh Area	0	0:00	1017	0	0%
Sylhet Area	0	0:00	459	0	0%
Barisal Area	0	0:00	371	0	0%
Rangpur Area	0	0:00	893	0	0%
<b>Total</b>	<b>0</b>	<b>0:00</b>	<b>12734</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-2 2) Ghorasal-3.7 3) Bhula Nuton Biddut 4) Baghabari-100 MW 5) Raozan unit-2 6) Sudhigang 210 MW 7) Shaajibazar 330 MW 8) Sirajganj- 2 9) Barishal 307 MW

Outage	Restore	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
Time	Time		
	08:27	Bagerhat 132/33kV S/S Transformer-2 (413 T) LT is restored.	
	08:27	Bagerhat 132/33kV S/S Transformer-2 (413 T) HT is restored.	
08:45	14:32	Madanganj 132/33kV S/S Madanganj -Shitalakhya 132 kv Ckt Forced S/D Due to Ordered by NLDC(For 132KV Haripur ckt's S/D Purpose)	
08:47	14:31	Haripur-Madanganj 132kV Ckt-1 Scheduled S/D from Madanganj 132/33kV end Due to None end from Haripur 230/132kV end Due to From other end.	
09:10	14:38	Madanganj 132/33kV S/S 132kV Main Bus Scheduled S/D	
09:15	11:22	Barapukuria 230/132/33kV S/S 132/33 KV T-5, 424T LT Forced S/D Due to Cable Fault at 33KV Side.	
09:42		Ashuganj 230/132kV OAT12 transformer was switched on	
09:48	11:42	Saidpur 132/33kV S/S TR-3 (424T) LT Forced S/D Due to NESCO, Saidpur, Golahat 33 KV bus coupler Isolator Red hot	16.0MW load interrup.
09:50	11:40	Saidpur 132/33kV S/S TR-3 (424T) HT Forced S/D	
09:52		Ashuganj 132KV bus was switched on	
	10:09	HVDC Bheramara- Rajshahi 230KV Ckt-2 is restored.	
	10:11	Rajshahi-Rajshahi(New) 132kV Ckt-2 is restored.	
	11:51	Bakulia 132/33kV S/S T-3 (422T) HT Tripped showing Micom P632 relays Due to Overcurrent, Earthfault at 33KV side.	
10:12		Meghnaghat CAPP 450MW was shutdown due to RMS maint.	150 MW generation interrup.
10:53	11:19	Bogura(New)-Naogaon 132 kv Ckt-1 is restored.	
11:55	12:37	Sylhet 132/33kV S/S T4 LT Tripped showing Gen.TP .51/50 relays Due to 33 KV Shekghat CT Burst	33.0MW load interrup.
11:55	12:35	Sylhet 132/33kV S/S T2 LT Tripped showing 86 N relays Due to 33 KV Shekghat CT Burst	
11:55	12:34	Sylhet 132/33kV S/S T2 HT Tripped showing O/C A,B,C Phase (NST)/51 relays Due to 33 KV Shekghat CT Burst	
13:23		Meghnaghat CAPP 450MW GT2 was sync.	
14:51		Meghnaghat CAPP 450MW ST & GT 1 were sync. at 14:51hrs. & 15:59 hrs. respectively.	
17:08		Meghnaghat CAPP 450MW GT1 was shutdown at 17:08 hrs due to HRG Valve leakage.	
17:31	18:24	Gopalganj 400/132kV S/S 400KV Aminbazar Ckt-2 Tripped showing protection main -01 Protection Main-02 relays.	
17:31	18:22	Aminbazar 400/230/132kV S/S Gopalganj-2 Tripped showing cel relays Due to Gopalganj -2 Distant trip	
18:55	19:27	Madaripur 132/33kV S/S T1-405T HT Tripped showing Over Current (51N) relays Due to Aux-01 Fuse Fault	27.0MW load interrup.
18:55	19:37	Madaripur 132/33kV S/S T2-415T HT Tripped showing Over Current (51N) relays Due to Aux-01 Fuse Fault	
18:55	19:28	Madaripur 132/33kV S/S T1-405T LT Tripped showing No relays Due to Aux-01 Fuse Fault	
19:30		Peak hour generation: 12411 MW, system demand has been reduced due to bad weather in some parts of the country .	
00:30	02:38	Jamalpur 132/33kV S/S T-2 LT Forced S/D Due to Red hot to T1 & T2 X-former 33KV bus B-phase,Work by Jamalpur PBS	25.0MW load interrup.
00:30	02:38	Jamalpur 132/33kV S/S T-2 HT Forced S/D Due to Red hot to T1 & T2 X-former 33KV bus B-phase,Work by Jamalpur PBS	
00:30	02:38	Jamalpur 132/33kV S/S T-1 HT Forced S/D Due to Red hot to T1 & T2 X-former 33KV bus B-phase,Work by Jamalpur PBS	
00:30	02:38	Jamalpur 132/33kV S/S T-1 LT Forced S/D Due to Red hot to T1 & T2 X-former 33KV bus B-phase,Work by Jamalpur PBS	
06:00		Minimum generation: 9352 MW	
06:20		Khulna (C) S/S Tr-3 405T LT Scheduled S/D Due to 132/33kV TR-3 B PHASE POLE CHANGE FOR GAS LEAKAGE.	
06:21		Khulna (C) S/S Tr-3 405T HT Scheduled S/D Due to 132/33kV TR-3 B PHASE POLE CHANGE FOR GAS LEAKAGE.	
07:41		Amnura 132/33kV S/S T-2 (416T) LT Scheduled S/D Due to 33KV Bus (section -3) loop change at DS_Y-Phase.	
07:42		Amnura 132/33kV S/S T-2 (416T) HT Scheduled S/D Due to 33 kv bus(section -3)DS_Y-Phase loop change	

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle