

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

Reporting Date : 10-May-23

Till now the maximum generation is :-

15648.0

21:00

Hrs

on 19-Apr-23

The Summary of Yesterday's		9-May-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	12970.0 MW	Hour :	12:00	Min. Gen. at	7:00	11392	
Evening Peak Generation :	13752.0 MW	Hour :	21:00	Available Max Generation		14761	
E.P. Demand (at gen end) :	15300.0 MW	Hour :	21:00	Max Demand (Evening) :		15600	
Maximum Generation :	13908.0 MW	Hour :	22:00	Reserve(Generation end)		-	
Total Gen. (MKWH) :	305.3	System Load Factor :	91.47%	Load Shed		793	

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		500 MW at 19:30		Energy	
Export from East grid to West grid :- Maximum					
Import from West grid to East grid :- Maximum					
Actual :	Water Level of Kaptai Lake at 6:00 A M on	10-May-23	Rule curve :	80.29	FL(MSL)
	74.47				

Gas Consumed :	Total =	1113.40 MMCFD.	Oil Consumed (PDB) :	
			HSD :	
			FO :	
Cost of the Consumed Fuel (PDB+Pv):	Gas :	Tk167,659,063	Oil :	Tk999,616,857
	Coal :	Tk321,969,342	Total :	Tk1,489,245,262

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW	0:00	MW	MW	Estimated Shedding (S/S end)		
Dhaka	172	0:00	5099	199	4%		
Chittagong Area	200	0:00	1416	86	6%		
Khulna Area	292	0:00	1863	120	6%		
Rajshahi Area	150	0:00	1645	114	7%		
Cumilla Area	221	0:00	1404	94	7%		
Mymensingh Area	258	0:00	1155	83	7%		
Sylhet Area	93	0:00	521	32	6%		
Barisal Area	0	0:00	421	0	0%		
Rangpur Area	92	0:00	912	65	7%		
Total	1478		14436	793			

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) Raazan unit-2
	6) Siddhirganj 210 MW
	7) Shahjibazar 330 MW
	8) Sirajganj- 2
	9) Barishal 307 MW

Outage	Restore	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
Time	Time		
08:12	08:12	Gopalpara 132/33kV S/S T-6 HT is restored.	
08:13	08:13	Bhandaria 132/33kV S/S Transformer-1 HT is restored.	
08:42		Khulna 330 MW CAPP GT was sync.	
09:06		Matarbari 400/11kV SUT1 SD for project work by P/S	
	09:28	Joydebpur 132/33kV S/S GT-2 HT is restored.	
10:05	11:03	Hathazari-Kaptai 132kV Ckt-1 Forced S/D from Hathazari 230/132/33kV end Due to gantry structure clean.	
10:29		Bheramara 410MW tripped	
10:36	10:36	Aminbazar 400/230/132kV S/S 132 kv Bus 02 Forced S/D Due to Bus Separated Load Distribution /230/132 kv Tr 1,2 & 3 + Mirpur 1 & 2 + MPP 1 & 2	
10:36	10:36	Aminbazar 400/230/132kV S/S 132 kv Bus 01 Forced S/D Due to Bus Separated Load Distribution /400/132kv Tr + Kalyanpur 1 & 2	
10:41		Madunaghat-TKEL 132kV Ckt-1 Forced S/D from Madunaghat 132/33kV end Due to Over current flow through the Hathazari ckt.	
10:42		Madunaghat-Sikabaha 132kV Ckt-2 Forced S/D from Madunaghat end Due to Over current flow through the Hathazari ckt.	
14:19	15:25	Joydebpur 132/33kV S/S GT-3 HT Scheduled S/D Due to Bushing Hot - Spot Maintenance.	
16:04	17:59	Niamatpur 132/33kV S/S 407T HT Forced S/D Due to 33 kv bus Red hot.	24 MW Power interrupt.
18:38	18:14	Tongi 230/132/33kV S/S T-1 HT is restored.	
22:57	18:56	Coxsazar 132/33kV S/S 405T-1 HT Tripped showing ABB (model RET670) relays Due to Over Load (Over Current).	70 MW Power interrupt.
05:38	01:02	Kaliakair 400/230/132kV S/S 400/132kV TR1 LT Forced S/D Due to Red Hot.	
05:41	07:36	Brahmanbaria-Shahjibazar 132 kv Ckt-2 S/D due to Hot spot maintenance work at Shahjibazar end	
06:49	07:36	Shahjibazar 132/33kV S/S BPOB 60 MW Scheduled S/D Due to Red hot maintenance at CB: 852 D/S loop joint .	
		Nawabganj 132/33kV S/S TR-2 LT Forced S/D Due to Due to red hot maintenance Bay 105.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle