

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

Reporting Date : 18-Apr-24

Till now the maximum generation is :-

The Summary of Yesterday's	17-Apr-24	Generation & Demand	21:00	Hrs on	19-Apr-23	Today's Actual Min Gen. & Probable Gen. & Demand
Day Peak Generation :	13087.0	MW	Hour :	12:00	Min. Gen. at	8:00
Evening Peak Generation :	12847.0	MW	Hour :	21:00	Available Max Generation :	10862
E.P. Demand (at gen end) :	13100.0	MW	Hour :	21:00	Max Demand (Evening) :	15000
Maximum Generation :	13591.0	MW	Hour :	15:00	Reserve(Generation end)	1568
Total Gen. (MKWH) :	303.750		System Load Factor :	93.12%	Load Shed :	0

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	18-Apr-24	Mini Flow MW	at	#N/A	Energy
76.89	FL(MSL) :		MW	at	-	Energy

Gas Consumed : Total = 1324.64 MMCFD. Oil Consumed (PDB) : HSD : FO :

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk496,705,321	Coal :	Tk505,603,973	Oil :	Tk470,510,870	Total :	Tk1,472,820,164
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Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW		MW		Estimated Shedding (S/S end)	MW	
Dhaka	0	0.00	4308		0	0	-23%
Chittagong Area	99	0.00	1182		0	0	-21%
Khulna Area	0	0.00	1655		0	0	-20%
Rajshahi Area	0	0.00	1438		0	0	-21%
Cumilla Area	72	0.00	1184		0	0	-20%
Mymensingh Area	0	0.00	880		0	0	-21%
Sylhet Area	0	0.00	494		0	0	0%
Barisal Area	0	0.00	411		0	0	-20%
Rangpur Area	71	0.00	804		0	0	
Total	242		12357		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) Raazar unit-2 6) Sidhirganj 210 MW . 7) Bibiyana-2

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

Time	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:31		Shahjibazar 132/33kV S/S TR-02 HT is restored.	
08:45		Cor'sbazar-Dohazari 132 kV Ckt-1 is restored.	
08:50		Barapukuria S/S-P/S 230 kV Ckt-1 Scheduled S/D from Barapukuria 230/132/33kV end Due to P/S unite 01 Sync	160 MW load interruption.
09:01		Jhenaidah 132/33kV S/S Transformer T-1 HT is restored.	
09:32		Baroaulia-KSRM 132 kV Ckt-1 Tripped from Baroaulia 132/33kV end showing ij/E/F ii) O/C Relay iii) K-34 iv) K-35 relays.	30 MW load interruption.
10:23		Tangail 132/33kV S/S Tr-3 LT Forced S/D Due to High temperature point solving	30 MW load interruption.
12:52		Baroaulia-KSRM 132 kV Ckt-1 Forced S/D from Baroaulia end Due to Maintenance work	
15:15		Barishal-Bhandaria 132 kV Ckt-1 Tripped from Barishal 132/33kV end showing Distance relays Due to Unknown	42 MW load interruption.
17:50		Barishal 230/132kV S/S Gopalganj Ckt-1 Tripped showing FN1 relays Due to Over Voltage	25 MW load interruption.
17:50		Barishal 230/132kV S/S Gopalganj Ckt-2 Tripped showing FN1 relays Due to Over Voltage	40 MW load interruption.
17:51		Bashundhara-Tongi 132 kV Ckt-2 Tripped from Tongi end showing Distance,Phase-C relays.	
17:52		Bhola 225 MW CAPP Tripped with remarks:- D.Sync	
17:52		Barishal 132/33kV S/S T-2 (415T) LT Tripped showing Instant o/c, definite o/c, 86X relays Due to 33kv feeder fault	42 MW load interruption.
18:06		Kodda 132/33kV S/S Tr-4 (436T) LT Tripped showing LV Over current relay relays Due to 33KV L10 (Yearpur 1) Feeder fault.	38 MW load interruption.
18:06		Kodda 132/33kV S/S Tr-3 (426T) LT Tripped showing LV Over current relay relays Due to 33KV L10 (Yearpur 1) Feeder fault.	38 MW load interruption.
18:06		Kodda 132/33kV S/S Tr-1 (406T) LT Tripped showing LV Over current relay relays Due to 33KV feeder fault.	38 MW load interruption.
18:06		Kodda 132/33kV S/S Tr-5 (446T) LT Tripped showing LV Over current relay relays Due to 33KV L10 (Yearpur 1) Feeder fault.	38 MW load interruption.
18:06		Kodda 132/33kV S/S Tr-2 (416T) LT Tripped showing LV Over current relay relays Due to 33KV L10 (Yearpur 1) Feeder fault.	42 MW load interruption.
18:24		Bhola 225 MW CAPP Synchronized	
18:55		Brahmanbaria-Shahjibazar 132 kV Ckt-2 Tripped from Brahmanbaria end showing Distance, Zone-1, 21.35 km, Y-phase, Ib=2.102 kA, relays Due to Thunder storm	
18:55		Shahjibazar 132/33kV S/S SPCL 86 MW Tripped showing none relays Due to bad weather	
19:27		Bogura(New)-Bogura(Sherpur) 132 kV Ckt-2 is restored.	
19:27		Bogura(New)-Bogura(Sherpur) 132 kV Ckt-1 is restored.	
19:41		Shahjibazar 132/33kV S/S SPCL 86 MW Scheduled S/D Due to Due to remove fault.	
19:58		Haripur-Narsingdi 132kV Ckt-1 Tripped from Haripur end showing Distance Zone 1, AN relays Due to Raining & Storm	
03:02		Brahmanbaria-Narsinghdi 132 kV Ckt-1 Tripped from Brahmanbaria end showing Distance relays Due to Zone-01R-phase, Y-phase,B-phase trip	
03:02		Brahmanbaria-Narsinghdi 132 kV Ckt-2 Tripped from Brahmanbaria end showing Distance relays Due to Zone-01Y-phase ,B-phase trip fault distance-46.46 km	
04:18	07:13	Baroirhat-Hathazari 132 kV Ckt-2 Tripped from Baroirhat 132/33kV end showing Distance relays.	
06:29		Dhamrai 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Red-hot maintenance	
06:56		Bakulia-Khulshi 132 kV Ckt-1 Tripped from Khulshi 132/33kV end showing MiCom relays.	
07:20		Cumilla(N) 230/132/33kV S/S 132KV T-05 LT Scheduled S/D Due to 33 KV Bus coupler & Red Hot Maintenance By PBS	30 MW load interruption.

Sub Divisional Engineer
 Network Operation Division

Executive Engineer
 Network Operation Division

Superintendent Engineer
 Load Despatch Circle