

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

Reporting Date : 10-Apr-24

Till now the maximum generation is :-

15648.0

21:00

Hrs on

19-Apr-23

The Summary of Yesterday's		9-Apr-24	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		10541.0	MW	Hour :	12:00
Evening Peak Generation :		12729.0	MW	Hour :	21:00
E.P. Demand (at gen end) :		12729.0	MW	Hour :	21:00
Maximum Generation :		12729.0	MW	Hour :	21:00
Total Gen. (MKWH) :		268.019		System Load Factor :	87.73%
				Min. Gen. at	7:00
				Available Max Generation	15548
				Max Demand (Evening)	12800
				Reserve(Generation end)	2748
				Load Shed	0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum		130	MW	at	8:00	Energy
Import from West grid to East grid :- Maximum				at	-	Energy
Water Level of Kaptai Lake at 6:00 A M on	10-Apr-24					
Actual :	78.26	Fl.(MSL)		Rule curve :	86.20	Fl.(MSL)

Gas Consumed :	Total =	1113.81	MMCFD.	Oil Consumed (PDB) :		HSD :	
						FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :		Tk431,756,927	Oil :	Tk311,596,798	Total :	Tk1,299,948,150
	Coal :		Tk556,594,425				

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		-26%
Chittagong Area	0	0:00	1182		0		-25%
Khulna Area	0	0:00	1655		0		-24%
Rajshahi Area	0	0:00	1438		0		-24%
Cumilla Area	0	0:00	1184		0		-24%
Mymensingh Area	0	0:00	880		0		-24%
Sylhet Area	0	0:00	494		0		-24%
Barisal Area	0	0:00	411		0		0%
Rangpur Area	0	0:00	804		0		-24%
Total	0		12367		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) Shajbazar 330 MW
- 4) Baghabari-100 MW
- 5) Razzan unit-2
- 6) Siddhirganj 210 MW .

Outage	Restore	Additional information of Machines, lines, Interruption / Forced Load shed etc.	Remark
Time	Time		
8:10	11:19	Brahmanbaria 132/33kV S/S 402T LT Scheduled S/D Due to R-phase 33kV D.S (892B) terminal hot spot maintenance.	15.0MW load interrup.
8:10	11:19	Brahmanbaria 132/33kV S/S 402T HT Scheduled S/D Due to R-phase 33kV D.S terminal hot spot maintenance	15.0MW load interrup.
9:29	11:23	Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) LT Scheduled S/D Due to Red hot maintenance	
9:29	11:16	Manikganj 132/33kV S/S 132/33 kV Transformer GT-2(35/50 MVA) HT Scheduled S/D Due to Red hot maintenance	
9:29	11:16	Kabirpur - Manikganj 132kV Ckt-2 Scheduled S/D from Manikganj 132/33kV end Due to Red hot maintenance	
-	10:06	Ghorasal-Joydeb-B 132kV Ckt-2 is restored.	
10:38	14:12	Savar 132/33kV S/S Capacitor Bank-3 Forced S/D Due to Bird nest remove	
10:42	14:01	Savar 132/33kV S/S T-3 LT Forced S/D Due to Bird nest remove	
10:42	14:01	Savar 132/33kV S/S T-3 HT Forced S/D Due to Bird nest remove	
11:34	15:08	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) HT Scheduled S/D	
11:34	15:09	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) LT Scheduled S/D	
11:35	15:08	Kabirpur - Manikganj 132kV Ckt-1 Scheduled S/D from Manikganj 132/33kV end.	
11:43	14:20	Panchagarh 132/33kV S/S T-3(A+B)(427T) LT Forced S/D Due to red hot in T3(B) 33kV side B-Phase underground cable kit.	
11:44	14:20	Panchagarh 132/33kV S/S T-3(A+B)(427T) HT Forced S/D Due to red hot in T3(B) 33kV side B-Phase underground cable kit. Discussed with NLDLC, ALDC.	
12:00	-	Day Peak Gen. 10542 MW	
12:11	12:39	Brahmanbaria 132/33kV S/S 403T LT Forced S/D Due to Tr-03 33kV C.T terminal hot spot maintenance.	
12:11	12:39	Brahmanbaria 132/33kV S/S 403T HT Forced S/D Due to Tr-03 33kV side C.T terminal hot spot maintenance.	
13:00	13:50	Savar 132/33kV S/S Bus-B Forced S/D Due to Bird nest remove	
14:20	-	Baghabari - Ruppur 230 KV CKT-1 S/D	
14:23	-	Baghabari - Ruppur 230 KV CKT-2 S/D	
-	15:09	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) LT is restored.	
-	15:32	Sreepur 230/132/33kV S/S 132 kV BUS-1 is restored.	
15:43	-	Sreepur 230/132/33kV S/S 132 kV BUS-2 Forced S/D Due to Bird nest removal	
15:59	16:55	Khulna (C) S/S Tr-3 405T LT Tripped showing Inst. E/F relays Due to 33kv Bus-Section-2, BUS PT Y-phase & B-Phase Fuse Burn.	9.0MW load interrup.
15:59	16:54	Khulna (C) S/S Tr-3 405T HT Tripped showing No Relay relays Due to 33kv Bus-Section-2, BUS PT Y-phase & B-Phase Fuse Burn.	9.0MW load interrup.
15:59	17:14	Khulna (C) S/S Tr-2 415 LT Tripped showing Inst. E/F relays Due to 33kv Bus-Section-2, BUS PT Y-phase & B-Phase Fuse Burn.	9.0MW load interrup.
15:59	17:13	Khulna (C) S/S Tr-2 415 HT Tripped showing No Relay relays Due to 33kv Bus-Section-2, BUS PT Y-phase & B-Phase Fuse Burn.	9.0MW load interrup.
18:12	-	Baghabari - Ruppur 230 KV CKT-1 Sync	
19:16	-	Baghabari - Ruppur 230 KV CKT-2 Sync	
20:54	-	Chattogram TPP-1 Synchronized	
21:00	-	Evening Peak Generation = 12,729MW	
7:00	-	Minimum generation : 8845 MW	
7:02	7:08	Haripur-Sonargaon 132kV Ckt-1 Tripped from Sonargaon 132/33kV end showing line distance relay relays Due to showing line distance operated trip.	
Sub Divisional Engineer Network Operation Division		Executive Engineer Network Operation Division	
		Superintendent Engineer Load Despatch Circle	