

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

Reporting Date : 3-Jan-24

Till now the maximum generation is :-

15648.0

21:00

Hrs

on 19-Apr-23

The Summary of Yesterday's		2-Jan-24		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		9294.0	MW	Hour :	12:00	Min. Gen. at	5:00
Evening Peak Generation :		10056.0	MW	Hour :	18:00	Available Max Generation	6464
E.P. Demand (at gen end) :		10056.0	MW	Hour :	18:00	Max Demand (Evening) :	11259
Maximum Generation :		10056.0	MW	Hour :	18:00	Reserve(Generation end)	10400
Total Gen. (MKWH) :		203.504		System Load Factor :	84.32%	Load Shed	859

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR							
Export from East grid to West grid :-	Maximum			100	MW	at	18:00
Import from West grid to East grid :-	Maximum						Energy
Actual :	Water Level of Kaptai Lake at 6:00 A.M on	3-Jan-24					
	93.02	Fl.(MSL) :		Rule curve :	102.62	Fl.(MSL) :	

Gas Consumed :	Total =	706.76	MMCFD.	Oil Consumed (PDB) :		HSD :	
						FO :	

Cost of the Consumed Fuel (PDB+Pv) :		Gas :	Tk97,500,994		Coal :	Tk490,694,298		Oil :	Tk205,607,642	Total :	Tk793,802,934
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Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW	Time	MW	Time	Estimated Shedding (S/S end)	MW	
Dhaka	0	0:00	3597		0	0%	
Chittagong Area	0	0:00	982		0	0%	
Khulna Area	0	0:00	1374		0	0%	
Rajshahi Area	0	0:00	1193		0	0%	
Cumilla Area	0	0:00	982		0	0%	
Mymensingh Area	0	0:00	730		0	0%	
Sylhet Area	0	0:00	410		0	0%	
Barisal Area	0	0:00	341		0	0%	
Rangpur Area	0	0:00	667		0	0%	
Total	0		10276		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) Shajhabar 330 MW
	4) Baghabari-71,100 MW
	5) Raazan unit-2
	6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
08:06	16:57	Naogaon 132/33kV S/S T-3 LT Project Work S/D Due to New Transformer Erection	
08:07	16:56	Naogaon 132/33kV S/S T-3 HT Project Work S/D Due to New Transformer Erection	
08:20	17:43	Madaripur-Shariatpur 132kV Ckt-1 Scheduled S/D from Madaripur 132/33kV end Due to Annual maintenance and from Shariatpur 132/33kV end Due to Annual Maintenance.	
08:24	15:30	Chowmuhani-Feni 132 kV Ckt-1 Scheduled S/D from Chowmuhani 132/33kV end Due to For Annual Maintenance works	
08:26	15:24	HVDC Bheramara- Jhenaidah 230kV Ckt-1 Scheduled S/D from Jhenaidah 230/132kV end Due to Annual Maintenance	
08:36	15:25	HVDC Bheramara- Jhenaidah 230kV Ckt-1 Scheduled S/D from BIPTC end Due to Jhenaidah ckt-1 shutdown from Jhenaidah end for annual maintenance.	
08:39	16:29	Sonargaon 132/33kV S/S OPLS(IEI-2) Scheduled S/D Due to Annual maintenance Work.	
08:43	16:28	Brahmanbaria-Shahjibazar 132 kV Ckt-1 Scheduled S/D from Brahmanbaria 132/33kV end Due to NLDC AE. and from Shahjibazar 132/33kV end Due to Annual Maintenance. Load flow by B-Baria Ckt-02.	
08:48	16:28	Bhaluka 132/33kV S/S Transformer- 01 HT Scheduled S/D Due to Annual Maintenance	
08:49	16:29	Bhaluka 132/33kV S/S Transformer- 01 LT Scheduled S/D Due to Annual Maintenance	
08:50	16:33	Baghabari-Sirajganj 230 kV Ckt-1 Scheduled S/D from Baghabari 230/132kV end Due to A/M and from Sirajganj 230 end Due to Due to annual maintenance work	
08:57	17:19	Jaldhaka-Saidpur 132kV Ckt-2 Scheduled S/D from Jaldhaka 132/33kV end Due to Due to Annual Maintenance and from Saidpur 132/33kV end Due to Annual maintenance	
09:08	17:01	Bibiyana-Fenchuganj 230 kV Ckt-1 Scheduled S/D from Fenchuganj 230/132/33kV end Due to Annual Maintenance	
09:13	16:48	Hathazari-Kaptai 132kV Ckt-1 Scheduled S/D from Hathazari 230/132/33kV end Due to Annual maintenance.	
09:13	15:37	Khulshi-MSML 132kV Ckt-2 Scheduled S/D from Khulshi 132/33kV end Due to Annual maintenance and dead line checking.	
09:18	17:46	Aminbazar 400/230/132kV S/S 132 kv Bus 02 Scheduled S/D Due to DS change work	
09:18	17:46	Aminbazar 400/230/132kV S/S 132 kv Bus 02 Scheduled S/D Due to DS change work	
09:22	16:06	Haripur 230/132kV S/S Bus-1 Scheduled S/D Due to Annual Maintenance.	
09:28	18:29	Mirpur-Uttara 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to 132 KV Uttara Old Annual Maintenance	
09:30	17:12	Kalyanpur-Lalbag 132kV Ckt-2 Scheduled S/D from Kalyanpur 132/33kV end Due to Dead Line Checking (Annual Maintenance)	
09:40		Sikalbaha 132kv bus-b was schedule SD	
09:44	20:33	Madanganj 132/33kV S/S Madanganj -DPDC Char sayedpur 132k Ckt-2 Scheduled S/D Due to Control Cable replacement & MK Box installation	
09:51	17:43	Aminbazar 400/230/132kV S/S 230/132kV Tr-03 LT Scheduled S/D Due to Annual maintenance	
09:52	17:42	Aminbazar 400/230/132kV S/S 230/132kV Tr-03 HT Scheduled S/D Due to Annual maintenance	
09:57		RPCL-Tangail ckt-2 and RPCL 132kv bus-2 was schedule SD	
10:31	16:55	Savar 132/33kV S/S Bus-B Scheduled S/D Due to Annual maintenance work	
10:32	16:48	Hasnabad 132/33kV S/S 132/33kV 404 T-1 HT Scheduled S/D Due to 33kv reserve bus DS problem	
10:32	16:48	Hasnabad 132/33kV S/S 132/33kV 404 T-1 LT Scheduled S/D Due to 33 kv reserve bus DS contact problem	
10:42	16:50	Savar 132/33kV S/S T-2 LT Scheduled S/D Due to Annual maintenance work	
10:42	16:50	Savar 132/33kV S/S T-2 HT Scheduled S/D Due to Annual maintenance work	
11:30	16:34	Srinagar 132/33kV S/S Tr-01 LT Forced S/D Due to Nitrogen Inject Fire Protection of 132/33kV Transformer-1 Regarding the emergency shutdown due to oil leaking through the system.	
11:30	16:34	Srinagar 132/33kV S/S Tr-01 HT Forced S/D Due to Nitrogen Inject Fire Protection of 132/33kV Transformer-1 Regarding the emergency shutdown due to oil leaking through the system.	
11:38	11:53	Mirzapur 132/33kV S/S Transformer-02(E07) LT Tripped showing H02 (33 kv Incomer -2)/86.1/2 trip relay faulty relays Due to PBS square feeder trip for earth fault.	
12:11	12:36	Tangail 132/33kV S/S Tr-1 LT Forced S/D Due to 33kv T-1 x-former energy meter changed by BPDB.	
12:14		Pataukhali 132/33kV S/S 425T (T-3) LT Scheduled S/D Due to Tan delta test.	
12:14	15:24	Pataukhali 132/33kV S/S 425T (T-3) HT Scheduled S/D Due to Tan delta test.	
13:33		Hasnabad 132/33kV S/S 132kV Main Bus Scheduled S/D Due to T-1 transformer main bus DS operating problem.	
13:54	14:55	GPH 230/33kV S/S Transformer-01(D05) HT Scheduled S/D Due to General Inspection & tightness checking	
14:28		Unique Meghnaghat Power Limited (UMPL) Synchronized with remarks:- ST	
14:43		Unique Meghnaghat Power Limited (UMPL) Shutdown with remarks:- ST	
15:23	17:24	Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end.	
15:56		Unique Meghnaghat Power Limited (UMPL) Synchronized with remarks:- ST	
16:04	16:20	Unique Meghnaghat Power Limited (UMPL) Shutdown with remarks:- ST	
16:48		Jashore-Nopara 132kV Ckt-2 is restored.	
	17:12	Rampal 1320 MW (BIFPCL) Synchronized with remarks:- U2	
	17:13	Bogura-Natore 132 kV Ckt-1 is restored.	
	17:13	Bogura-Natore 132 kV Ckt-2 is restored.	
	17:13	Bogura 230/132kV S/S Confidence UN-1 is restored.	
	17:15	Bogura 230/132kV S/S Confidence UN-2 is restored.	
17:15	16:50	Ashuganj 450 MW CCRP(South) Synchronized with remarks:- GT	
17:30		Unique Meghnaghat Power Limited (UMPL) Shutdown with remarks:- GT	
	17:35	Bogura(New)-Bogura(Sherpur) 132 kV Ckt-2 is restored.	
	17:35	Bogura(New)-Bogura(Sherpur) 132 kV Ckt-1 is restored.	
18:00		Evening peak generation: 10056 MW.	
18:00		Evening Peak Generation : 10056 MW	
18:15		Unique Meghnaghat Power Limited (UMPL) Synchronized with remarks:- GT	
19:58		Unique Meghnaghat Power Limited (UMPL) Synchronized with remarks:- GT	
20:05		Unique Meghnaghat Power Limited (UMPL) Shutdown with remarks:- GT	
20:34		Unique Meghnaghat Power Limited (UMPL) Synchronized with remarks:- GT	
00:23	00:49	Meghnaghat-Shyampur 230kV Ckt-1 Tripped from Meghnaghat 230/132kV end showing Distance Relay relays Due to Dense Fog	
01:11		Sikalbaha 225MW CCRP Tripped with remarks:- GT	
01:11		Sikalbaha Gas 225 MW GT & ST tripped due to GBC trip.	
02:28		Meghnaghat-Shyampur 230kV Ckt-1 Tripped from Meghnaghat 230/132kV end showing Distance Relay relays Due to Dense Fog	
05:00		Min. Gen. 6464 MW	
06:08		Dohazari-Sikalbaha 132 kV Ckt-1 Project Work S/D from Shikalbaha 230/132kV end.	
07:51		Chowmuhani-Feni 132 kV Ckt-2 Scheduled S/D from Chowmuhani 132/33kV end Due to Shut Down For Annual Maintenance works.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle