

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

Reporting Date : 12-Feb-23

Till now the maximum generation is :-		14782.0	21:00	Hrs on 16-Apr-22	
The Summary of Yesterday's		11-Feb-23	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	8527.0 MW	Hour :	12:00	Min. Gen. at	5:00
Evening Peak Generation :	10349.0 MW	Hour :	21:00	Available Max Generation :	7227
E.P. Demand (at gen end) :	10376.0 MW	Hour :	21:00	Max Demand (Evening) :	10651
Maximum Generation :	10349.0 MW	Hour :	21:00	Reserve(Generation end)	10800
Total Gen. (MkWh) :	203.3	System Load Factor	81.85%	Load Shed	137

Export from East grid to West grid :- Maximum		844 MW	at 17:00	Energy	
Import from West grid to East grid :- Maximum		844 MW	at -	Energy	

Water Level of Kaptai Lake at 6:00 A.M on		12-Feb-23			
Actual :	82.37	FL(MSL) :	95.46	FL(MSL) :	
Rule curve :					

Gas Consumed :	Total =	844.93 MMCFD.	Oil Consumed (PDB) :		
			HSD :		
			FO :		

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk113,578,196	Oil :	Tk488,110,785	Total :	Tk908,424,036
	Coal :	Tk306,735,054				

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW		MW		MW		
Dhaka	0	0.00	3266		47	1%	1%
Chittagong Area	0	0.00	925		18	2%	2%
Khulna Area	0	0.00	1221		18	1%	1%
Rajshahi Area	0	0.00	1083		15	1%	1%
Cumilla Area	0	0.00	922		12	1%	1%
Mymensingh Area	25	0.00	762		12	2%	2%
Sylhet Area	0	0.00	341		0	0%	0%
Barisal Area	0	0.00	278		0	0%	0%
Rangpur Area	0	0.00	602		15	2%	2%
Total	25		9400		137		

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit- 2
	2) Ghorasal-3,5,7
	3) Ashuganj-5
	4) Baghabari-70,100 MW
	5) Raocan unit-2
	6) Siddhirganj 210 MW .
	7) Shaibazar 330 MW
	8) Siraganj-2

Additional Information of Machines, lines, interruption / Forced Load shed etc.

Outage Time	Restore Time	Remark
08:22	15:36	Chowmuhani-Ramganj 132 kV Ckt-2 Scheduled S/D from Chowmuhani 132/33kV end Due to Yearly Schedule Maintenance of GCB and Associated Equipment, and from Ramganj 132/33kV end Due to Annual Maintenance S/D Taken from Chowmuhani End.
08:27	16:56	Gospara- Khulna (C) 132kV Ckt-1 Scheduled S/D from Khulna (C) end Due to Gantry painting and from Gospara 132/33kV end Due to Gantry painting work
08:33	17:28	Hathazari-Madunaghat 132kV Ckt-1 Scheduled S/D from Madunaghat 132/33kV end Due to For annual Deadline Checking
08:35		Sreemongol 132/33kV S/S 132/33kV T-2 LT Scheduled S/D Due to structure painting
08:35		Sreemongol 132/33kV S/S 132/33kV T-3 LT Scheduled S/D Due to structure painting
08:35		Sreemongol 132/33kV S/S 132/33kV T-2 HT Scheduled S/D Due to structure painting
08:35		Sreemongol 132/33kV S/S 132/33kV T-3 HT Scheduled S/D Due to structure painting
08:35	14:00	Nawabganj 132/33kV S/S TR-1 LT Scheduled S/D Due to 33 kv bus-01 S/D for annual maintenance work taken by DPBS-02
08:35	11:38	Nawabganj 132/33kV S/S Aux Tr-1 LT Scheduled S/D Due to 33 kv bus-01 S/D for annual maintenance work taken by DPBS-02
08:35	11:38	Nawabganj 132/33kV S/S Aux Tr-1 HT Scheduled S/D Due to 33 kv bus-01 S/D for annual maintenance work taken by DPBS-02
08:36	13:59	Nawabganj 132/33kV S/S TR-1 HT Scheduled S/D Due to 33 kv bus-01 S/D for annual maintenance work taken by DPBS-02
08:45	16:19	Jhenaidah 230/132kV S/S 132 kV Bus Project Work S/D Due to DFDR TESTING
08:52	13:33	Kaliakoir-Tangal 132kV Ckt-2 Project Work S/D from Kaliakoir 400/230/132kV end.
08:54		Tangal 132/33kV S/S Katakai-2 Scheduled S/D Due to 132kV line in and line out connection of Mirzapur Sub-station
09:22	13:34	Chuadanga-Jhenaidah 132 kV Ckt-1 Project Work S/D from Jhenaidah 230/132kV end Due to DFDR Testing and from Chuadanga 132/33kV end Due to DFDR System Testing
09:34	21:30	Barisal 230/132kV S/S T-6 LT Project Work S/D Due to SAS commissioning.
09:35	20:58	Barisal 230/132kV S/S T-5 HT Project Work S/D Due to SAS commissioning.
09:36	20:50	Aminbazar-Mirpur 132kV Ckt-2 Scheduled S/D from Mirpur 132/33kV end Due to 114S Line DS replacement work of Aminbazar-2
09:36	20:50	Mirpur 132/33kV S/S Reserve Bus Scheduled S/D Due to 114S Line DS replacement work of Aminbazar-2
09:40	17:18	Jamalgur 132/33kV S/S T-2 LT Scheduled S/D Due to Transformer painting.
09:40	17:18	Jamalgur 132/33kV S/S T-2 HT Scheduled S/D Due to Transformer painting.
09:52	16:46	Ashuganj-Cumilla(N) 230 kV Ckt-2 Scheduled S/D from Cumilla(N) 230/132/33kV end Due to Maintenance
09:52	15:52	Maniknagar-Narinda 132kV Ckt-1 Forced S/D from Maniknagar 132/33kV end Due to Oil leakage repair work of PT(Y-phase)
10:09	16:23	Rajshahi 132/33kV S/S 132 kV RPP 50 Mw Project Work S/D
10:29	11:48	Mymensingh-Netrokona 132kV Ckt-2 Scheduled S/D from Netrakona 132/33kV end Due to Trouble shooting work on remote operation system of line DS
11:04		Ashuganj 420 MW CCPP(East) ST was sync.
11:47		Barisal Electric 307 MW was sync.
12:05	13:15	Shahjadpur 132/33kV S/S T-4(435T) LT Forced S/D Due to 33 T-4 Incoming CT oil leakage (B- phase).
12:09	15:27	Shyampur 230/132kV S/S 230 kV APR (D04) Forced S/D Due to Insulator Disk cleaning at 49 no Tower
12:35	14:12	Bog-Sherpur 132/33kV S/S Transformer-2 (414T) LT Forced S/D Due to Red-hot maintenance at 33kV Nandigram Feeder.
12:38	14:10	Bog-Sherpur 132/33kV S/S Transformer-2 (414T) HT Forced S/D Due to Red-hot maintenance at 33kV Nandigram Feeder.
14:00	14:43	Jhenaidah 230/132kV S/S Jhenaidah (New)-Jhenaidah (Old) Ckt-1 Project Work S/D Due to DFDR testing
14:00	14:46	Jhenaidah 132/33kV S/S Jhenaidah-Jhenaidah New-1,132kV Circuit-1(L4) Project Work S/D Due to 230kV Sub-Station DFDR Project work
14:07	16:51	Nawabganj 132/33kV S/S Aux Tr-2 HT Scheduled S/D Due to 33 kv bus-02 S/D for annual maintenance work taken by DPBS-02
14:07	17:07	Nawabganj 132/33kV S/S TR-2 LT Scheduled S/D Due to 33 kv kv bus-02 S/D for annual maintenance work taken by DPBS-02
14:07	16:51	Nawabganj 132/33kV S/S Aux Tr-2 LT Scheduled S/D Due to 33 kv bus-02 S/D for annual maintenance work taken by DPBS-02
14:08	17:06	Nawabganj 132/33kV S/S TR-2 HT Scheduled S/D Due to 33 kv kv bus-02 S/D for annual maintenance work taken by DPBS-02
14:54	15:19	Jhenaidah 230/132kV S/S Jhenaidah (New)-Jhenaidah (Old) Ckt-2 Project Work S/D Due to DFDR Testing
14:54	15:19	Jhenaidah 132/33kV S/S Jhenaidah-Jhenaidah New-2,132kV Circuit-2(L3) Project Work S/D Due to 230kV Sub-Station DFDR Project work
15:21	15:54	Jhenaidah-Jhenaidah(New) 132kV Ckt-3 Project Work S/D from Jhenaidah 132/33kV end Due to 230kV Sub-Station DFDR Project work and from Jhenaidah 230/132kV end Due to DFDR Testing
15:21	17:14	Kabirpur - Manikganj 132kV Ckt-2 Scheduled S/D from Kabirpur 132/33kV end.
15:55		Siraganj Gas 225MW Unit-3 was shutdown due to gas shortage.
16:35	17:04	Jhenaidah 230/132kV S/S Transformer- 1 LT Project Work S/D Due to DFDR Testing
16:35	17:04	Jhenaidah 230/132kV S/S LVAC- 1 Project Work S/D Due to DFDR Testing
16:36	17:03	Jhenaidah 230/132kV S/S Transformer- 1 HT Project Work S/D DFDR Testing
16:40	22:00	Jhenaidah 230/132kV S/S 132 kV Bus Project Work S/D Due to DFDR Testing
17:08	18:06	DFDR Testing
17:09	18:05	Jhenaidah 230/132kV S/S LVAC-2 Project Work S/D Due to DFDR Testing
17:10	18:05	Jhenaidah 230/132kV S/S Transformer- 2 HT Project Work S/D Due to DFDR Testing
17:17		Meghnaghat CCPP 450MW was forced shutdown.
18:53	17:36	Kallyanpur 132/33kV S/S GT-3 (132kV) HT is restored.
18:57	18:49	Jhenaidah 230/132kV S/S Jhenaidah2-Jashore Ckt-2 is restored.
19:28		Bibiyana-3 400MW GT was sync.
21:00	21:47	Jhenaidah 230/132kV S/S Jhenaidah2-Jashore Ckt-1 Project Work S/D Due to DFDR testing
21:00		Siddhirganj CCPP 335MW GT was sync.
02:12		Evening peak gen: 10349 MW
03:21		Meghnaghat CCPP 450MW GT1 was sync.
04:07	04:22	Meghnaghat CCPP 450MW ST was sync.
04:25		Ashuganj-Cumilla(N) 230 kV Ckt-2 Tripped from Cumilla(N) 230/132/33kV end showing Distance ProtectionAuto Reclose Relay relays.
04:44		Ashuganj-Cumilla(N) 230 kV Ckt-2 Tripped from Cumilla(N) 230/132/33kV end showing Distance Protection A phase relays.
05:00		Ashuganj-Cumilla(N) 230 kV Ckt-1 Tripped from Cumilla(N) 230/132/33kV end showing Distance ProtectionA phaseAuto Reclose Relay relays.
07:13		Min. Gen. 7227 MW
07:13		Mirpur 132/33kV S/S Reserve Bus Scheduled S/D Due to 132 kV Mirpur-Aminbazar Ckt-2 Line DS Change Work will be done.
07:20		Aminbazar-Mirpur 132kV Ckt-2 Scheduled S/D from Mirpur 132/33kV end Due to 132 kV Mirpur-Aminbazar Ckt-2 Line DS Change Work will be done.
07:40		Kishoreganj-Mymensingh 132kV Ckt-2 Scheduled S/D from Mymensingh 132/33kV end.
		50.0MW load interrup. Mymensingh 132/33 kV end.
		Aminbazar-Kaliakoir 230kV Ckt-2 Scheduled S/D from Kaliakoir 400/230/132kV end Due to Annual Maintenance and dead line checking.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle