

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

Reporting Date : 3-Feb-24

Till now the maximum generation is :-		15648.0	21:00	Hrs on 19-Apr-23	
The Summary of Yesterday's		2-Feb-24	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	9253.0 MW	Hour :	12:00	Min. Gen. at	5:00
Evening Peak Generation :	9311.0 MW	Hour :	19:30	Available Max Generation :	11340
E.P. Demand (at gen end) :	9311.0 MW	Hour :	19:30	Max Demand (Evening) :	10300
Maximum Generation :	9578.0 MW	Hour :	13:00	Reserve(Generation end)	1040
Total Gen. (MkWh) :	202.96	System Load Factor :	88.30%	Load Shed	0

Export from East grid to West grid -> Maximum		28 MW	at	7:00	Energy
Import from West grid to East grid -> Maximum		-	at	-	Energy
Actual :	Water Level of Kaptai Lake at 6:00 A.M on	3-Feb-24	Rule curve :	96.72	FL (MSL)

Gas Consumed :	Total =	707.81	MMCFD.	Oil Consumed (PDB) :	
				HSD :	
				FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk273,937,743		Oil :	Tk327,385,086
	Coal :	Tk502,332,624		Total :	Tk1,103,655,452

Load Shedding & Other Information

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	0.00	Estimated Demand (S/S end)	Estimated Shedding (S/S end)	
Dhaka	0	0.00	3500	0	0%
Chittagong Area	0	0.00	955	0	0%
Khulna Area	0	0.00	1336	0	0%
Rajshahi Area	0	0.00	1159	0	0%
Cumilla Area	0	0.00	955	0	0%
Mymensingh Area	0	0.00	709	0	0%
Sylhet Area	0	0.00	399	0	0%
Banshal Area	0	0.00	331	0	0%
Rangpur Area	0	0.00	648	0	0%
Total	0	0.00	9992	0	0%

Information of the Generating Units under shut down.

Planned Shut-Down

Forced Shut-Down

- 1) Barapukuria ST: Unit-1, 2
- 2) Ghazal-3, 7
- 3) Shajibazar 330 MW
- 4) Baghabari-71, 100 MW
- 5) Raazan unit-2
- 6) Siddhirganj 210 MW
- 7) Ashuganj East
- 8) Bibiyana South

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
8:02	-	Sirajgonj GAS 410MW Unit-4 ST was sync.	
8:02	-	Sirajgonj 400 MWP CCGP Unit-4 Synchronized with remarks:- ST.	
8:12	9:36	Siddhirganj-Siddhirganj (Onion)132kV Ckt-1 Tripped from Siddhirganj 132/33kV end showing General trip. Lock out relays Due to General trip.	65.0MW load interrup. Siddhirganj 132/33kV end.
8:19	17:52	Maniknagar 230/132kV S/S Auto Transformer-01(705T) LT Scheduled S/D Due to Annual Maintenance.	
8:20	17:51	Maniknagar 230/132kV S/S Auto Transformer-01(705T) HT Scheduled S/D Due to Annual Maintenance.	
8:22	-	Maniknagar-Siddhirganj 230kV Ckt-1 Scheduled S/D from Siddhirganj 230/132kV end Due to Maintenance work for maniknagar end.	
8:36	17:45	Meghnaghat-Shyampur 230kV Ckt-2 Scheduled S/D from Shyampur 230/132kV end Due to Dead Line Checking.	
8:45	17:37	Kabirpur-Tongi 132kV Ckt-2 Scheduled S/D from Tongi 230/132/33kV end Due to Safety.	
9:27	16:49	Baghabari-Bangura 132 kV Ckt-1 Scheduled S/D from Bhangura 132/33kV end.	
9:30	17:09	Hathazari-Raazan 230kV Ckt-1 Scheduled S/D from Hathazari 230/132/33kV end Due to Annual Maintenance. and Deadline Checking.	
9:35	16:38	Bhangura 132/33kV S/S 132kV Single Bus Scheduled S/D.	
9:41	16:09	Bhulta-Haripur 132 kV Ckt-1 Scheduled S/D from Haripur 230/132kV end Due to Annual Deadline Checking.	
9:43	15:02	Shitalakhya 132/33kV S/S 132/33 kV GT-3 HT Scheduled S/D Due to Annual Maintenance. Work.	
-	10:56	Cumilla(N) 230/132/33kV S/S 230kV T-01 HT is restored.	
-	10:56	Cumilla(N) 230/132/33kV S/S 230kV T-01 HT is restored.	
11:32	-	Baghabari 230/132kV S/S Auxiliary X-Former-01(Tertiary) Scheduled S/D Due to Emergency Maintenance.	
11:35	-	Baghabari 230/132kV S/S T-1 LT Scheduled S/D Due to Emergency Maintenance.	
11:38	-	Baghabari 230/132kV S/S T-1 HT Scheduled S/D Due to Emergency Maintenance.	
11:44	-	Sylhet 132/33kV S/S 75 MW ST P/S Project Work S/D Due to Auxiliary Transformer Maintenance Purpose.	
-	11:51	Haripur 230/132kV S/S EGCB 412MW is restored.	
12:20	-	Matlabari 2'600 MW (CPGCL) Synchronized with remarks:- unit-1.	
12:20	-	Matlabari 2'600 MW (CPGCL) unit-1 was sync.	
12:59	-	Matlabari 2'600 MW (CPGCL) Tripped with remarks:- Unit 2 Load Rejection Test.	
13:00	-	Rampal 1320 MW (BFPCL) Tripped with remarks:- U2.	
13:00	-	Rampal 1320 MW (BFPCL) Unit-2 tripped.	
13:00	-	Matlabari 2'600 MW (CPGCL) Synchronized with remarks:- unit-1.	
13:05	-	Rampal 1320 MW (BFPCL) Synchronized with remarks:- unit-1.	
-	15:11	Rampal 400/230kV S/S Gopalganj Line-1 Reactor is restored.	
-	16:20	Hasnabad-Sitalakhya 132kV Ckt-1 is restored.	
16:28	-	Rampal 1320 MW (BFPCL) Synchronized with remarks:- u2	
-	17:04	Tangail 132/33kV S/S RPCL-2 is restored.	
-	17:08	Tangail 132/33kV S/S RPCL-1 is restored.	
-	17:11	Tangail 132/33kV S/S Tr-4 HT is restored.	
-	17:12	Tangail 132/33kV S/S Tr-4 LT is restored.	
-	18:38	Ishurdi 132/33kV S/S 132 kV Baghabari Line is restored.	
19:30	-	Evening peak generation: 9311 MW.	
21:29	22:47	Jamapur 132/33kV S/S T-3 LT Forced S/D Due to Red hot maintenance.	15.0MW load interrup.
21:29	22:47	Jamapur 132/33kV S/S T-3 HT Forced S/D Due to Red hot maintenance.	15.0MW load interrup.
23:42	0:24	Khulna (C) S/S TR-2 415 T HT Tripped showing No relays Due to Bus section 1 PT fuse R&Y phase burn.	22.0MW load interrup.
23:58	-	Madanganj 132/33kV S/S Madanganj-Sitalakhya 132 kV Ckt Forced S/D Due to Ordered by NLDC.	
23:58	-	Madanganj 132/33kV S/S Madanganj-Fatullah 132kV Ckt Forced S/D Due to Ordered by NLDC.	
0:47	1:33	Khulna (C) S/S TR-1 425T LT Forced S/D Due to Bus section 1 PT fuse R&Y phase burn.	
0:48	0:57	Khulna (C) S/S TR-1 425T HT Forced S/D Due to Bus section 1 PT fuse R&Y phase burn.	
1:28	2:09	Mataui-Siddhirganj 132kV Ckt-1 Tripped from Siddhirganj 132/33kV end showing Distances trip, Zoon -1.2 Y & B Pha. 4.7km relays Due to Trip.	36.0MW load interrup. Siddhirganj 132/33kV end.
2:09	2:09	Shyampur 230/132kV S/S 230 kV APR (D04) Tripped showing Y Phase Trip Zone -2 Trip relays Due to Unknown.	
3:20	3:39	Shyampur 230/132kV S/S 230 kV APR (D04) Tripped showing R,Y,B phase TRIP SOTF relays Due to Conductor disarmed.	
3:40	-	Joypurhat 132/33kV S/S Transformer T-4 (437 T) HT Tripped showing Backup Relay Milcom P1/27 Relays Due to Over Voltage.	
3:40	-	Joypurhat 132/33kV S/S Transformer T-4 (437 T) HT Scheduled S/D Due to Under Shutdown for PT and CB Test.	
3:40	-	Transformer T-4 Tripped by over voltage.	
5:00	-	Joypurhat 132/33kV S/S Transformer T-4 (437 T) LT Scheduled S/D Due to Under Shutdown for PT and CB Test.	
5:00	-	Transformer T-4 Tripped by over voltage.	
6:16	6:43	Minimum Generation: 6528 MW.	
6:51	-	Madanganhat 132/33kV S/S TR-2(517T) LT Tripped showing REF-615=[General trip, 51/51 DMT, Y-Phase fault] ,RET-670=[33kV General trip] relays Due to REF-615=[General trip, 51/51 DMT, Y-Phase fault] ,RET-670=[33kV General trip]	4.0MW load interrup.
6:52	-	Rampal 1320 MW (BFPCL) Shutdown with remarks:- U2	
7:05	-	Rampal 1320 MW (BFPCL) Synchronized with remarks:- unit-1 (False-running from previous time)	
7:05	-	Khulshi 132/33kV S/S 415T (T2) LT Scheduled S/D.	
7:11	-	Khulshi 132/33kV S/S 415T (T2) HT Scheduled S/D Due to 33kV Breaker (Y Phase) pole Change.	
7:19	-	Cumilla(N) 230/132/33kV S/S 230kV T-02 LT Scheduled S/D Due to AM & 132 kV Bus Modification.	
7:19	-	Cumilla(N) 230/132/33kV S/S 230kV T-02 HT Scheduled S/D Due to Annual Maintenance. & 132 kV Bus Modification.	
7:38	-	Ishurdi 132/33kV S/S 132 kV Baghabari Line Project Work S/D.	
7:38	-	Bhaluka 132/33kV S/S Transformer- 01 LT Scheduled S/D Due to 33kV Bus Annual Maintenance.	80.0MW load interrup.
7:40	-	Bhaluka 132/33kV S/S Transformer- 02 LT Scheduled S/D Due to 33kV Bus Annual Maintenance.	80.0MW load interrup.
7:40	-	Bhaluka 132/33kV S/S Transformer- 01 HT Scheduled S/D Due to 33kV Bus Annual Maintenance.	80.0MW load interrup.
7:45	-	Bhaluka 132/33kV S/S Transformer- 02 HT Scheduled S/D Due to 33kV Bus Annual Maintenance.	80.0MW load interrup.
7:46	-	Barishal 230/132kV S/S T-5 LT Scheduled S/D Due to Nobogram 33 feeder DS maintenance.	25.0MW load interrup.
7:46	-	Barishal 230/132kV S/S T-5 HT Scheduled S/D Due to Nobogram 33 feeder DS maintenance.	25.0MW load interrup.
07:13	-	BIPTO S/S 20DF-42 Tripped showing relay 286 & 186 operated relays Due to summary trip(backup protection opt)	
07:14	-	Rampur 230/132/33 S/S Khulshi-2 Scheduled S/D Due to Bus shutdown at khulshi Grid	
07:14	-	Rampur 230/132/33 S/S Khulshi-1 Scheduled S/D Due to Bus shutdown at khulshi Grid	
07:22	-	Khulshi 132/33kV S/S Main Bus Scheduled S/D Due to Annual Maintenance...	
07:26	-	AKSML-Khulshi 132kV Ckt-1 Project Work S/D from AKS 132/33kV end Due to Comand to Nltd	30.0MW load
07:33	-	BSRM-Cumilla(N) 230 kV Ckt-1 Project Work S/D from BSRM 230/33kV end Due to Shutdown taken by ESPNER project.	
07:36	-	Baghabari-Sirajgonj 230 kV Ckt-1 Project Work S/D from Baghabari 230/132kV end Due to IDRPPP,400kV Rooppur Dhaka Phase-2 Stringing Work	
07:39	-	Baghabari-Sirajgonj 230 kV Ckt-2 Project Work S/D from Baghabari 230/132kV end Due to IDRPPP,400kV Rooppur Dhaka Phase-2 Stringing Work	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle