

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

Reporting Date : 17-Mar-23

Till now the maximum generation is :-		14782.0		21:00	Hrs on	16-Apr-22
The Summary of Yesterday's		16-Mar-23	Generation & Demand	Today's Actual Min Gen.	& Probable Gen.	Demand
Day Peak Generation :	11295.0 MW	Hour :	12:00	Min. Gen. at	5:00	7806
Evening Peak Generation :	12891.0 MW	Hour :	19:00	Available Max Generation :		13474
E.P. Demand (at gen end) :	12925.0 MW	Hour :	19:00	Max Demand (Evening) :		12000
Maximum Generation :	12891.0 MW	Hour :	19:00	Reserve(Generation end)		1474
Total Gen. (MKWH) :	264.4	System Load Factor :	85.45%	Load Shed :		0

Export from East grid to West grid :- Maximum		-150 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	77.26	Fl.(MSL)	17-Mar-23	
			Rule curve :	90.60	Fl.(MSL)

Gas Consumed :	Total =	1090.47	MMCFD.	Oil Consumed (PDB) :		HSD :
						FO :
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk154,445,654		Oil :	Tk737,360,634	Total :
	Coal :	Tk252,193,582				Tk1,143,999,870

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	4277		0	0	0%
Chittagong Area	0	0:00	1164		0	0	0%
Khulna Area	0	0:00	1556		0	0	0%
Rajshahi Area	0	0:00	1373		0	0	0%
Cumilla Area	0	0:00	1172		0	0	0%
Mymensingh Area	32	0:00	963		0	0	0%
Sylhet Area	0	0:00	435		0	0	0%
Barisal Area	0	0:00	351		0	0	0%
Rangpur Area	0	0:00	761		0	0	0%
Total	32		12072		0		

Information of the Generating Units under shut down.

Planned Shut-Down

Forced Shut-Down

- 1) Barapukuria ST: Unit- 10) Bhula Nuton Biddut
- 2) Ghorasal-3,7
- 3) Ashuganj-5
- 4) Baghabari-100 MW & 71 MW
- 5) Raazan unit-2
- 6) Siddhirganj 210 MW
- 7) Shajibazar 330 MW
- 8) Sirajganj-1 & 2
- 9) Kushiara 163 MW ST

Outage	Restore	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
08:05		Chandraghona 132/33kV S/S TR-01(406T) LT Project Work S/D Due to New 50/75 MVA transformer erection,testing,commissioning.	
08:05		Chandraghona 132/33kV S/S TR-01(406T) HT Project Work S/D	
08:53	13:39	Cox'sbazar-Dohazari 132 kV Ckt-1 Scheduled S/D from Dohazari 132/33kV end Due to Taking emergency Shut down for damaged Disk insulator due to Brick Field's particle and moisture.	30.0MW load interrup Dohazari 132/33 kv end.
10:51	09:13	Ashuganj-Cumilla(N) 230 kV Ckt-1 is restored.	
10:54	11:02	Bashundhara-Rampura 132 kV Ckt-1 Tripped from Rampura 230/132kV end showing Distance : B-N relays Due to Unknown	
10:54	13:03	Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end Due to Insulator cleaning work	
10:58	13:03	Aminbazar-Mirpur 132kV Ckt-1 Scheduled S/D from Aminbazar 400/230/132kV end Due to Insulator cleaning work	
11:01	10:58	BSRM-Cumilla(N) 230 kV Ckt-1 is restored.	
12:00	12:55	BSRM-Cumilla(N) 230 kV Ckt-2 Forced S/D from BSRM 230/33kV end Due to Dead Line Checking and from Cumilla(N) 230/132/33kV end Due to Disc Cleaning	
12:30	13:40	Day Peak Gen. 11296 MW Cox'sbazar-Dohazari 132 kV Ckt-1 Scheduled S/D from Cox'sbazar 132/33kV end Due to Dohazari S/S side work	28.0MW load interrup Cox'sbazar 132/33 kv end.
12:54	12:54	Rajshahi 132/33kV S/S Transformer T-2(415T) HT is restored.	
12:55	12:55	Rajshahi 132/33kV S/S Transformer T-2(415T) LT is restored.	
12:57	12:57	Savar 132/33kV S/S Capacitor Bank-2 is restored.	
13:00	12:57	Savar 132/33kV S/S Capacitor Bank-1 is restored.	
13:43		Kalurghat-Madunaghat 132 KV ckt-1 was switched on at 13:00 hrs. for the first time.	
14:36	14:46	Rampal U-1 was forced shut down due to boiler tube leakage Niamatpur 132/33kV S/S 407T LT Tripped showing DIR, O/C & E/F RELAY -67/67 N,MASTER TRIP RELAY-186 relays Due to 33 kv PBS Manda Feeder E/F.	78.0MW load interrup
14:36	14:46	Niamatpur 132/33kV S/S 417T LT Tripped showing DIR, O/C & E/F RELAY -67/67N, MASTER TRIP RELAY-186 relays Due to 33 kv, PBS Manda Feeder E/F.	78.0MW load interrup
15:22	15:03	Niamatpur 132/33kV S/S 426T LT is restored.	
15:30	15:46	Ashuganj-Sreepur 230 KV ckt-1 tripped from Ashuganj end showing CB gas pressure low signal	
15:30	18:07	Sitalakhya - MI Cement 132kV ckt tripped showing line differential relay from both side.(With MI Cements 33kV side tripped showing o/c)	19MW load load interrup
16:06		Barisal Electric 307 MW was sync.	
18:30	19:53	Ishurdi 132/33kV S/S 132/33 kv T-2 HT Forced S/D	
18:30	19:51	Ishurdi 132/33kV S/S 132/33 kv T-2 LT Forced S/D Due to Redhot on incoming-2 ct connector	
19:00		Evening Peak Generation = 12,891MW	
19:30		Panchgajh 132/33kV S/S 427T(A-B) LT Forced S/D Due to T-3(B) Y- Phase 33kV Side Rate hot	
21:03	00:15	Kushlia 132/33kV S/S T2 LT Tripped showing Differential R,Y,B relays.	35.0MW load interrup
21:03	00:14	Kushlia 132/33kV S/S T2 HT Tripped showing Differential R,Y,B relays.	35.0MW load interrup
00:20		Sirajganj Gas 225MW Unit-2 was shutdown at 00:20 hrs due to gas supply for testing of Khulna 225 MW.	
03:50	03:50	Munshiganj 132/33kV S/S Transformer-1 HT Tripped showing O/C & E/F Relay relays Due to Kalvaishakhi	17.0MW load interrup
03:50	04:05	Munshiganj 132/33kV S/S Transformer-2 HT Tripped showing O/C & E/F relays Due to Kalvaishakhi	17.0MW load interrup
03:50	04:05	Munshiganj 132/33kV S/S Transformer-2 LT Tripped showing O/C Fault relays Due to Kalvaishakhi	17.0MW load interrup
03:50	04:05	Munshiganj 132/33kV S/S Transformer-1 LT Tripped showing Dir O/C Fault & panel MCB relays Due to Kalvaishakhi	17.0MW load interrup
03:50	04:05	Munshiganj 132/33kV S/S Auxiliary Transformer-1 LT Tripped showing Drop out Fuse burn relays Due to Kalvaishakhi	
04:10		Chorsayedpur 132/33kV T2 tripped at 04:10 hrs. showing O/C, E/F relay,5MW loadshed from 4:10 hrs to 4:52hrs.	
05:00		Minimum gen: 7806 MW.	
05:10	05:33	Cox'sbazar-Dohazari 132 kV Ckt-2 Tripped from Cox'sbazar 132/33kV end showing ALSTOM EPAC3000 relays Due to Distance Relay Phase A Trip Phase ABCZone 1(84.9KM) and from Dohazari 132/33kV end showing Distance Relay relays.	
05:36	05:55	Shahjibazar 132/33kV S/S SPCL 86 MW Tripped showing N/A relays Due to Pbs and pdb 33 kv feeder trip	
06:30		Sonargaon 132/33kV S/S OPM(L,EL-1) Project Work S/D Due to conductor stringing purpose s/d.	
06:36	07:12	Sylhet 132/33kV S/S Sylhet-90MW P/S Tripped showing A Phase relays Due to Lighting	
06:44		Kodda 132/33kV S/S Tr-4 (436T) LT Scheduled S/D	
06:45		Kodda 132/33kV S/S Tr-4 (436T) HT Scheduled S/D	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle