

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

Reporting Date : 15-Oct-23

Till now the maximum generation is :-

15648.0

21:00

Hrs

on

19-Apr-23

The Summary of Yesterday's

14-Oct-23

Generation & Demand

Today's Actual Min Gen. & Probable Gen. & Demand

Day Peak Generation :	11230.0 MW	Hour :	12:00	Min. Gen. at	6:00	10321
Evening Peak Generation :	13639.0 MW	Hour :	19:00	Available Max Generation :		14937
E. P. Demand (at gen end) :	13720.0 MW	Hour :	19:00	Max Demand (Evening) :		14500
Maximum Generation :	13639.0 MW	Hour :	19:00	Reserve/(Generation end) :		437
Total Gen. (MKWH) :	282.186	System Load Factor :	86.21%	Load Shed :		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	216 MW	at	19:30	Energy	
Import from West grid to East grid :- Maximum	MW	at	-	Energy	

Actual :	Water Level of Kaptai Lake at 6:00 A M on	15-Oct-23	Rule curve :	107.20	FL (MSL)
	108.31	FL (MSL)			

Gas Consumed :	Total =	1088.94	MMCFD.	Oil Consumed (PDB) :	
				HSD :	
				FO :	

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk153,451,092	Oil :	Tk454,091,382	Total :	Tk1,105,157,806
	Coal :	Tk497,615,332				

Load Shedding & Other information

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	Estimated Demand (S/S end)	MW	Estimated Shedding (S/S end)	
Dhaka	0	0.00	4858	0	0%
Chittagong Area	0	0.00	1336	0	0%
Khulna Area	0	0.00	1873	0	0%
Rajshahi Area	0	0.00	1628	0	0%
Cumilla Area	0	0.00	1339	0	0%
Mymensingh Area	77	0.00	996	0	0%
Sylhet Area	0	0.00	558	0	0%
Barisal Area	0	0.00	466	0	0%
Rangpur Area	0	0.00	910	0	0%
Total	77	0.00	13965	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) Shajibazar 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
Time	Time		
	08:08	Natore-Rajshahi 132kV Ckt-1 is restored.	
	08:10	Natore-Rajshahi 132kV Ckt-2 is restored.	
	08:13	Rajshahi-Rajshahi(New) 132kV Ckt-1 is restored.	
	08:14	Rajshahi-Rajshahi(New) 132kV Ckt-2 is restored.	
	08:14	HVDC Bheramera- Rajshahi 230kV Ckt-2 is restored.	
08:26	11:00	Madanganj 132/33kV S/S Madanganj -Summit 102 MW 132 kv Ckt Scheduled S/D Due to Red Hot maintenance.	
08:27	17:15	Barapukuria-Bogura 230 kv Ckt-1 Scheduled S/D from Bogura 230/132kV end Due to Annual Maintenance.	
	08:30	Rajshahi 132/33kV S/S 132 kv PPP 50 Mw is restored.	
	08:36	Rajshahi 132/33kV S/S 132 kv RPP 50 Mw is restored.	
08:43	08:44	Jaldhaka 132 kv Bus-Coupler Breaker S/D due to A/M.	
	08:46	Bhutta-Narsingdi 132 kv Ckt-1 is restored.	
	14:25	Palashbari 132/33kV S/S BUS-B Scheduled S/D Due to Annual Maintenance.	
08:47	16:58	Jamapur-Mymensingh 132kV Ckt-1 Scheduled S/D from Jamapur 132/33kV end Due to Annual Maintenance.	
08:49	09:04	Khagrachari-Ranganadi 132kV Ckt-1 Tripped from Ranganadi. 132/33kV end showing REL670 relays Due to May be rural peoples cutting trees and fall down over the 132kV line and from Khagrachori 132/33kV end showing REL670 relays.	
	09:01	Faridpur 132/33kV S/S Transformer-1 LT Scheduled S/D Due to 132 kv bus protection.	
	09:01	Faridpur 132/33kV S/S Transformer-1 HT Scheduled S/D Due to 132 kv bus protection.	
	09:12	Barapukuria-Bogura 230 kv Ckt-2 Project Work S/D from Barapukuria 230/132/33kV end.	
	09:34	Khulna(S) 230/132kV S/S TR-3 LT Scheduled S/D Due to Annual Maintenance Work.	
09:35	09:34	Khulna(S) 230/132kV S/S TR-3 HT Scheduled S/D Due to Annual Maintenance Work.	
	09:53	Mirpur-Uttara 3PH 132kV Ckt-1 is restored.	
10:06	16:11	Mongla 132/33kV S/S T-1 LT Scheduled S/D Due to Annual Maintenance.	
10:06	10:24	Mongla 132/33kV S/S T-2 LT Tripped showing Under frequency relays Due to Under frequency.	23 MW load interrup.
10:24	16:10	Mongla 132/33kV S/S T-1 HT Scheduled S/D Due to Annual maintenance.	
10:25	12:39	Saidpur 132/33kV S/S RPC Bank-02 Scheduled S/D Due to As the instructions of ALDC Bogura and QF-GMD-39.	
	10:49	Unique Meghnaghat Power 584 MW CCPP GT was sync.	
10:58	15:39	Siddhirganj 132/33kV S/S 120MW EGCR GT2 Scheduled S/D Due to Schedule Maintenances Work.	
11:25	12:45	Mirpur-Uttara 3PH 132kV Ckt-1 Forced S/D from Mirpur 132/33kV end Due to Uttara 132kV line DS of R-phase male part & female part repairing works.	
	11:35	Kishoreganj 132/33kV S/S Tr-1 (404T) HT is restored.	
	11:35	Kishoreganj 132/33kV S/S Tr-1 (404T) HT is restored.	
	11:37	Kishoreganj 132/33kV S/S Tr-3 (424T) HT is restored.	
	11:37	Kishoreganj 132/33kV S/S Tr-3 (424T) HT is restored.	
	11:37	Kishoreganj 132/33kV S/S Tr-3 (424T) HT is restored.	
11:52	13:58	Rajbari 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Annual maintenance work.	
11:53	13:56	Rajbari 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Annual maintenance work.	
12:40	14:52	Faridpur 132/33kV S/S Transformer-2 LT Project Work S/D Due to 132 kv bus protection.	
12:40	14:50	Faridpur 132/33kV S/S Transformer-2 HT Project Work S/D Due to 132 kv bus protection.	
	15:11	Khulna (C) S/S Tr-2 415 T HT is restored.	
	15:12	Khulna (C) S/S Tr-2 415 T LT is restored.	
	15:42	Ashuganj 230/132/33kV S/S 132 kv Busbar-2 is restored.	
15:47		Jaldhaka 132 kv Bus-Coupler Breaker shut down due to A/M.	
16:22	17:29	Hasnabad 132/33kV S/S 132/33kV 424 T-5 LT Tripped showing Trip relays.	
16:22	17:29	Hasnabad 132/33kV S/S 132/33kV 424 T-5 HT Tripped showing Trip relays.	
	16:28	Rampura 230/132kV S/S NLDC Trifo LT is restored.	
16:30		Bibiyan South 400 MW CCPP was forced shutdown due to exhaust diffuser maintenance work.	
16:46		NLDC control room lost all power including backup UPS. All the Computers and SCADA system stopped working at the same time.	
16:46		DESCO 33kV Aftabnagar feeder tripped due to earth fault.	
19:14		Full interruption occurred under Mirpur 132/33 kv grid S/S and Uttara 132/33 kv grid S/S due to tripping of Mirpur-Aminbazar 132 kv ckt-1 & 2 caused by Mirpur- Uttara ckt R-phase CVT burst.	
19:14	19:39	Aminbazar-Mirpur 132kV Ckt-2 Tripped from Aminbazar 400/230/132 kv end showing Dist Trip R,S,TZone 3 relays.	
19:14	19:58	Aminbazar-Mirpur 132kV Ckt-1 Tripped from Aminbazar 400/230/132 kv end showing Dist Trip R,S,TZone 3 relays.	
19:18		Mirpur-Uttara 3 phase 132kV Ckt-1 Forced S/D from Mirpur 132/33 kv end Due to Emergency SD taken due to CVT Blast on 132 KV Mirpur-Uttara Ckt.	
19:18		Mirpur-Uttara 132kV Ckt-1 Forced S/D from Mirpur 132/33 kv end Due to 132 KV R-PH CVT Blast.	
19:40		Mirpur 132 kv grid S/S was restored by switching ON Mirpur- Aminbazar ckt-2.	
	21:18	Meghnaghat 400 kv 408-Bay was switched ON.	
00:47		Unique Meghnaghat Power 584 MW CCPP GT was shutdown due to gas shortage.	
04:48	05:12	Mithapukur 132/33kV S/S TR-1(404T) LT Tripped showing Non directional o/c operated. (R phase) relays.	12 MW load interrup.
04:58	05:12	Mithapukur 132/33kV S/S TR-2 (414T) LT Tripped showing Non directional o/c operated. (R phase) relays.	
	05:02	Khulna 330 MW CCPP GT was sync.	
05:39		Aminbazar 400/230/132kV S/S 230/132kv Tr-02 LT Scheduled S/D Due to hot spot removing.	
05:40		Aminbazar 400/230/132kV S/S 230/132kv Tr-02 HT Scheduled S/D Due to HOT SPOT REMOVING.	
05:55		Haripur 230/132kV S/S Auto TR-3 LT Scheduled S/D Due to Red hot Maintenance .	
05:55		Haripur 230/132kV S/S Auto TR-3 HT Scheduled S/D Due to Red hot Maintenance.	
06:49		Aminbazar 400/230/132kV S/S 132 kv Bus 02 Scheduled S/D Due to HOTS/SPOT REMOVING.	
06:59		Ashuganj 230/132/33kV S/S 132kv Busbar-1 Scheduled S/D Due to OAT-12(132kv) Busbar-1 bay upgradation.	
07:33		Keranigonj 230/132/33kV S/S TR-1 LT Scheduled S/D Due to high temp.maintenance at 33kv side at several point.	
07:34		Keranigonj 230/132/33kV S/S TR-1 HT Scheduled S/D Due to High Temperature maintenance .	
07:37		Barapukuria-Bogura 230 kv Ckt-2 Scheduled S/D from Bogura 230/132kV end.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle