

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

Reporting Date : 20-Oct-23

Till now the maximum generation is :-		15648.0	21:00	Hrs on 19-Apr-23	
The Summary of Yesterday's		19-Oct-23	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	11503.0 MW	Hour :	12:00	Min. Gen. at	7:00
Evening Peak Generation :	13351.0 MW	Hour :	19:30	Available Max Generation :	14505
E.P. Demand (at gen end) :	13370.0 MW	Hour :	19:30	Max Demand (Evening) :	12500
Maximum Generation :	13351.0 MW	Hour :	19:30	Reserve(Generation end)	2005
Total Gen. (MKWH) :	355.381	System Load Factor :	110.91%	Load Shed :	0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		640 MW	at	21:00	Energy
Export from East grid to West grid :- Maximum					
Import from West grid to East grid :- Maximum					
Actual :	105.41	Water Level of Kaptai Lake at 6:00 A M on	20-Oct-23	Rule curve :	107.80
		FL(MSL) :		FL(MSL)	

Gas Consumed :	Total =	1016.10 MMCFD.	Oil Consumed (PDB) :	
Cost of the Consumed Fuel (PDB+Pv) :	Gas :	Tk227,250,729	HSD :	
	Coal :	Tk536,661,407	FO :	
	Oil :	Tk483,694,353	Total :	Tk1,247,606,490

Load Shedding & Other Information						
Area	Yesterday	Estimated Demand (S/S end)		Today	Estimated Shedding (S/S end)	Rates of Shedding (On Estimated Demand)
		MW	MW	MW	MW	
Dhaka	0	0.00	4858	0	0	0%
Chittagong Area	0	0.00	1336	0	0	0%
Khulna Area	0	0.00	1873	0	0	0%
Rajshahi Area	0	0.00	1628	0	0	0%
Cumilla Area	0	0.00	1339	0	0	0%
Mymensingh Area	18	0.00	996	0	0	0%
Sylhet Area	0	0.00	558	0	0	0%
Barisal Area	0	0.00	466	0	0	0%
Rangpur Area	0	0.00	910	0	0	0%
Total	18		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) Raocan unit-2
	6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
08:20	16:31	Gopalganj 132/33kV S/S T1 LT Scheduled S/D Due to Annual maintenance.	
08:21	16:30	Gopalganj 132/33kV S/S T1 HT Scheduled S/D Due to Annual maintenance.	
08:27	16:00	Shahjadpur-Sirajganj 132kV Ckt-1 Scheduled S/D from Sirajganj 132/33kV end Due to Annual Maintenance and from Shahjadpur 132/33kV end Due to Annual Maintenance work.	
08:30	14:13	Palashbari 132/33kV S/S TR2-404T HT Scheduled S/D Due to Annual Maintenance.	
08:30	14:14	Palashbari 132/33kV S/S TR2-404T LT Scheduled S/D Due to Annual Maintenance.	
08:31	16:41	Chandraghona-Madunaghat 132 kV Ckt-2 Scheduled S/D from Chandraghona 132/33kV end Due to Annual Maintenance and from Madunaghat 132/33kV end Due to For annual deadline checking and maintenance.	
09:00	16:37	Jamalpur-Mymensingh 132kV Ckt-1 Scheduled S/D from Jamalpur 132/33kV end Due to Annual Maintenance work and from Mymensingh 132/33kV end Due to A/M.	
09:04	17:04	Hathazari-Raocan 230kV Ckt-1 Scheduled S/D from Hathazari 230/132/33kV end Due to Annual maintenance (breaker & bay).	
	09:06	Natore 132/33kV S/S TR-3 (425 T) HT is restored.	
	09:07	Natore 132/33kV S/S TR-3 (425 T) LT is restored.	
	09:20	Faridpur 132/33kV S/S 33 KV Bus is restored.	
	09:25	Faridpur 132/33kV S/S Transformer-2 HT is restored.	
	09:26	Faridpur 132/33kV S/S Transformer-2 LT is restored.	
	14:18	Fenchuganj 230/132/33kV S/S TR-02 HT Scheduled S/D Due to 132kV Bus-2 PT Maintenance.	
09:56	21:50	Gopalganj(N)-Madaripur 132kV Ckt-1 Project Work S/D from Gopalganj 400/132kV end.	
09:56	21:50	Gopalganj(N)-Madaripur 132kV Ckt-1 Project Work S/D from Gopalganj 400/132kV end.	
10:08	13:45	Fenchuganj 230/132/33kV S/S 132 KV Bus-2 Scheduled S/D Due to 132kV Bus-2 PT Maintenance.	
10:10	16:43	Madanganj 132/33kV S/S Madanganj-Bashundhara 132 kV Ckt Scheduled S/D Due to Corrective maintenance.	
10:11	22:05	Gopalganj 400/132kV S/S ATR-03 LT Project Work S/D Due to 132 kV SAS & DFDR Commissioning.	
10:14	21:57	Gopalganj 400/132kV S/S ATR-03 HT Project Work S/D Due to 132 kV SAS & DFDR Commissioning.	
10:20	14:45	Rangpur 132/33kV S/S T-3 (424T) HT Scheduled S/D Due to Annual Maintenance.	
10:29	11:50	Ashuganj-Kishoreganj 132kV Ckt-2 Tripped from Ashuganj 230/132/33kV end showing no Relay relays.	
10:29	11:52	Ashuganj-Ghorasal 132kV Ckt-1 Tripped from Ashuganj 230/132/33kV end showing no Relay relays.	
10:29	11:44	Ashuganj 230/132/33kV S/S TR-OAT-12 LT Tripped showing MTR-1&2 relays.	
10:29	12:07	Ashuganj-Ghorasal 132kV Ckt-2 Tripped from Ashuganj 230/132/33kV end showing no Relay relays.	
10:29	12:01	Ashuganj 230/132/33kV S/S T-3 Kalahagan HT Tripped showing Lock out Relay relays.	
10:29	11:45	Ashuganj 230/132/33kV S/S TR-OAT-12 HT Tripped showing MTR-1&2 relays.	
10:42		Bibiya South 400 MW GT tripped due to generator protection trip.	
	10:51	Rampal 1320 MW (BFPCL) unit-2 was sync.	
11:02		BIPTC S/S 20D09C 20MVA LT Forced S/D Due to 20MVA Auxiliary Transformer-1 tripped at 08:02.	
11:02		BIPTC S/S 20D09C 20MVA HT Forced S/D Due to 20MVA Auxiliary Transformer-1 tripped at 08:02.	
	12:17	Ashuganj TSK was sync.	
	12:57	Hasnabad 230/132kV S/S AUTO TR-1 HT is restored.	
	12:58	Hasnabad 230/132kV S/S AUTO TR-1 LT is restored.	
13:07		Kaptai unit-1,2&3 tripped.	
	13:23	Bibiya South 400 MW GT was sync	
	13:37	Kaptai unit-1 was switched on	
	14:16	Ashuganj CAPP 225MW GT was sync.	
	14:41	Rampal 1320 MW (BFPCL) unit-2 was sync.	
15:10	18:08	Cumilla(N) 230/132/33kV S/S 132kV T-03 HT Tripped showing Lookout relay.	37 MW load interrup.
15:10	15:45	Cumilla(N) 230/132/33kV S/S 132kV T-04 LT Tripped showing Over current relay.	
15:13	15:38	Chandpur 132/33kV S/S 422T LT Scheduled S/D Due to Shutdown for station supply T-2 fuse maintenance.	29 MW load interrup.
15:13	15:38	Chandpur 132/33kV S/S 422T HT Scheduled S/D Due to Shutdown for station supply T-2 fuse maintenance.	
15:18	19:35	Maniknagar 132/33kV S/S Transformer GT-1 HT Tripped showing 1. DFR(87TJ). DFR REF(87N3). OCR(50/51N) relays Due to LA Failure(B-ph).	46 MW load interrup.
15:18	16:17	Maniknagar 230/132kV S/S Auto Transformer-01(705T) HT Tripped showing 1.RET670 (Main-1) 2.RET670 (Main-2) relays Due to DPDC 132/33 kV LA fault.	156 MW load interrup.
15:18	16:40	Maniknagar 230/132kV S/S Auto Transformer-02 (715T) HT Tripped showing 1.RET670(Main-1) 2.RET670(Main-2) relays Due to DPDC 132/33kV LA Fault .	
	16:30	Thakurgaon 132/33kV S/S T-2(412T) HT is restored.	
	16:31	Thakurgaon 132/33kV S/S T-2(412T) LT is restored.	
16:44	17:02	Cumilla(S) 132/33kV S/S TR-1 HT Scheduled S/D Due to Tri-01 Transformer Shift from India Bus to Bangladesh Bus.	30 MW load interrup.
16:44	17:02	Cumilla(S) 132/33kV S/S TR-1 LT Scheduled S/D Due to Tri-01 Transformer Shift from India Bus to Bangladesh Bus.	
	22:22	Bibiya South 400 MW ST was sync.	
23:25		Meghnaghat Summit CAPP 305MW GT1 was shutdown due to gas shortage.	
23:46		Sylhet CAPP 225 MW was shutdown due to air filter replacement.	
00:27		Meghnaghat CAPP 450 MW GT1 was shutdown due to gas shortage.	
00:45		Rampal unit-2 was shutdown for testing.	
05:54		Cumilla(N)-Cumilla(S) 132 kV Ckt-3 Scheduled S/D Due to 132 KV Bus S/D from Cumilla(N) End .	
05:54		Cumilla(S) 132/33kV S/S Cumilla North-2 Scheduled S/D Due to 132 KV Bus S/D from Cumilla (N) End	
05:54		Cumilla(N)-Cumilla(S) 132 kV Ckt-1 Scheduled S/D from Cumilla(S) 132/33kV end Due to 132 KV Bus S/D from Cumilla (N) End .	
06:09		Rampura 230/132kV S/S Auto Transformer - 01 LT Scheduled S/D Due to Main tank oil centrifuge.	
06:09		Rampura 230/132kV S/S Auto Transformer - 01 HT Scheduled S/D Due to Main tank oil centrifuge.	
06:11		Kalikoir-Tangail 132kV Ckt-2 Project Work S/D from Kalikoir 400/230/132kV end Due to work at mirzapur .	
06:30	06:42	Kalikoir-Tangail 132kV Ckt-1 Tripped from Kalikoir-400/230/132kV end showing Dir O/C 400/230/132kV end showing Dir O/C relays 21 Bik / VT Fail/PSB relay Due to Dir O/C.	
	6:40	Meghnaghat Unique Power CAPP GT was sync.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle