

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

Reporting Date : 14-Oct-23

Till now the maximum generation is :-		15648.0		21:00		Hrs on 19-Apr-23	
The Summary of Yesterday's		13-Oct-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	10593.0 MW	Hour :	12:00	Min. Gen. at	8:00		9972
Evening Peak Generation :	12852.0 MW	Hour :	20:00	Available Max Generation :			15295
E.P. Demand (at gen end) :	12852.0 MW	Hour :	20:00	Max Demand (Evening) :			13500
Maximum Generation :	12852.0 MW	Hour :	20:00	Reserve(Generation end)			1795
Total Gen. (MKWH) :	270.101	System Load Factor :	87.57%	Load Shed			0

Export from East grid to West grid > Maximum		210 MW		at 19:00		Energy	
Import from West grid to East grid > Maximum		-		at -		Energy	
Water Level of Kaptai Lake at 6:00 A.M on		14-Oct-23		Rule curve :		107.20 Ft (MSL)	
Actual :	106.49	Ft (MSL),					

Gas Consumed :	Total =	1041.10 MMCFD.		Oil Consumed (PDB) :		HSD :	
						FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk152,029,419		Oil :	Tk371,251,726		Total : Tk1,022,117,318
	Coal :	Tk498,836,174					

Load Shedding & Other Information							
Area	Yesterday			Today			Rates of Shedding (On Estimated Demand)
	MW	Time	Estimated Demand (S/S end)	MW	Time	Estimated Shedding (S/S end)	
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	1928	0		0	0%
Cumilla Area	0	0:00	1339	0		0	0%
Mymensingh Area	0	0:00	996	0		0	0%
Sylhet Area	0	0:00	558	0		0	0%
Banshal Area	0	0:00	466	0		0	0%
Rangpur Area	0	0:00	910	0		0	0%
Total	0		13965	0		0	

Information of the Generating Units under shut down.	
Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit- 1,2 2) Ghosia-3,7 3) Shahjibazar 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		
	08:14	Sherpur 132/33kV S/S Transformer- 01 HT is restored.	
	08:14	Sherpur 132/33kV S/S Transformer- 02 HT is restored.	
	08:15	Sherpur 132/33kV S/S Transformer- 02 LT is restored.	
	08:15	Sherpur 132/33kV S/S Transformer- 01 LT is restored.	
09:02	13:34	Faridpur-Gopalganj(N) 132 kV Ckt-1 Scheduled S/D from Faridpur 132/33kV end Due to 132 kv bus protection and from Gopalganj 400/132kVend.	
09:24	09:54	Bashundhara-Rampura 132 kV Ckt-1 Tripped from Rampura 230/132kV end showing 1) Distance Protection 2) Z1: Z1, BN (Trip,Alarm),2) High Impedance Differential 87TEE2 (FDR) - A,B phase.3) Master trip 86T2, 86T4, relays.	
	09:33	Kurigram-Rangpur 132kV Ckt-1 is restored.	
	09:33	Kurigram-Rangpur 132kV Ckt-1 is restored.	
10:20	10:58	BPPTC S/S 20DF24 Forced S/D Due to for rectification work due to trip	
	10:22	Keraniganj 230/132/33kV S/S ATR-1 HT is restored.	
	10:26	Keraniganj 230/132/33kV S/S ATR-1 LT is restored.	
11:35	13:12	Ashuganj-Kishoreganj 132kV Ckt-1 Scheduled S/D from Kishoreganj 132/33kV end Due to Bus Maintenance work at Ashuganj End. and from Ashuganj 230/132/33kV end Due to Busbar-1 raiser clamp temperature high	
12:00		Day Peak Generation : 10593 MW	
	13:12	Ashuganj-Kishoreganj 132kV Ckt-1 is restored.	
	13:28	Nawabganj 132/33kV S/S TR-2 LT is restored.	
13:35	18:14	Faridpur-Gopalganj(N) 132 kV Ckt-2 Scheduled S/D from Faridpur 132/33kV end Due to 132 kv bus protection and from Gopalganj 400/132kVend.	
14:13	05:01	Chowmuhani-Feni 132 kV Ckt-1 Tripped from Chowmuhani 132/33kV end showing Distance Relay relays.	70.0MW load interruption.
14:36	16:45	Ashuganj-Kishoreganj 132kV Ckt-2 Scheduled S/D from Kishoreganj 132/33kV end Due to Bus maintenance work at ashuganj 1 and from Ashuganj 230/132/33kV end Due to Busbar-1 raiser clamp temperature high	
	17:07	Ashuganj 230/132/33kV S/S 132kv Busbar-1 is restored.	
	17:41	Ashuganj 230/132/33kV S/S T-4 Kalabagan HT is restored.	
	17:42	Ashuganj 230/132/33kV S/S T-4 Kalabagan LT is restored.	
20:00		Evening peak Generation 12852 MW	
20:07		Uttara 3rd Phase has been shifted on Tongi due to high temp. of R-phase CT at Mirpur end	
21:38	21:23	Shahjibazar 132/33kV S/S TR-02 HT is restored.	
	05:01	Chowmuhani-Feni 132 kV Ckt-1 Tripped from Feni 132/33kV end showing Power swing B,C CB AR	
		Fail relays Due to None	
	22:10	Shahjibazar 132/33kV S/S TR-02 LT is restored.	
	00:16	Rampura 230/132kV S/S Auto Transformer - 03 LT is restored	
	00:16	Rampura 230/132kV S/S Auto Transformer - 03 HT is restored.	
01:24		Kushiarra 163 MW CAPP ST was sync.	
01:50		Bibiyana South 400 MW GT was sync.	
05:01		Rajshahi 132/33kV S/S 132 kV RPP 50 Mw Scheduled S/D Due to 132 KV Bus Shutdown (Red Hot Maintenance Work)	
06:01		Rajshahi 132/33kV S/S 132 kV RPP 50 Mw Scheduled S/D Due to 132 KV Bus Shutdown (Red Hot Maintenance Work)	
06:23		Natore-Rajshahi 132kV Ckt-1 Scheduled S/D from Rajshahi 132/33kV end Due to 132 KV Bus Shutdown (Red Hot Maintenance Work)	
06:23		Natore-Rajshahi 132kV Ckt-2 Scheduled S/D from Rajshahi 132/33kV end Due to 132 KV Bus Shutdown (Red Hot Maintenance Work)	
06:35		Ashuganj 230/132/33kV S/S 132 kv Busbar-2 Scheduled S/D Due to OAT-12(132kv) Bay Upgradation	
06:36		Rajshahi-Rajshahi(New) 132kV Ckt-1 Scheduled S/D from Rajshahi 230/132/33kV end Due to None	
06:36		HVDC Bheramara-Rajshahi 230kV Ckt-2 Scheduled S/D from Rajshahi 230/132/33kV end Due to None	
07:00		Minimum Generation 10012 MW.	
07:13		Kishoreganj 132/33kV S/S T-1 (404T) HT Scheduled S/D Due to Nandail-1 bus ds and bus coupler ds between t1 & t3	12.0MW load interruption.
		Maintenance work by PBS	
07:15		Kishoreganj 132/33kV S/S T-3 (424T) HT Scheduled S/D Due to Nandail-1 bus ds and bus coupler ds between t1 & t3	
		Maintenance work by PBS	
07:16		Mirpur-Uttara 3PH 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to Uttara 3rd phase ,CT (R-Phase) & others point hot spot repairing work.	
07:46		Khulna (C) S/S T-2 415 T LT Scheduled S/D Due to Shutdown for annual maintenance	
07:47		Khulna (C) S/S T-2 415 T HT Scheduled S/D Due to Shut down for annual maintenance	
07:48		Bhulta-Narsingdi 132 kV Ckt-1 Tripped from Bhulta 132/33kV end showing Distance relay : zone 01 .C phase. Main protection trip. relays.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle