

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

Reporting Date : 19-Oct-23

Till now the maximum generation is :-		15648.0		21:00		Hrs on 19-Apr-23	
The Summary of Yesterday's		18-Oct-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	11833.0 MW	Hour :	12:00	Min. Gen. at	6:00	9946	
Evening Peak Generation :	13313.0 MW	Hour :	20:00	Available Max Generation :		14373	
E.P. Demand (at gen end) :	13313.0 MW	Hour :	20:00	Max Demand (Evening) :		14000	
Maximum Generation :	13313.0 MW	Hour :	20:00	Reserve(Generation end)		737	
Total Gen. (MKVH) :	284.277	System Load Factor :	88.97%	Load Shed		0	

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		232 MW		at 20:00		Energy	
Export from East grid to West grid - Maximum							
Import from West grid to East grid - Maximum							
Actual :	Water Level of Kaptai Lake at 6:00 A.M on	19-Oct-23		Rule curve :	107.70	Ft.(MSL)	
		105.59					

Gas Consumed :	Total =	1051.50	MMCFD.	Oil Consumed (PDB) :			
Cost of the Consumed Fuel (PDB+PV) :	Gas :	Tk153,449,893		Oil :	Tk470,048,874		Total : Tk1,117,006,256
	Coal :	Tk493,507,489					

Load Shedding & Other Information							
Area	Yesterday		Today		Rates of Shedding		
	Time	Estimated Demand (S/S end)	Time	Estimated Shedding (S/S end)	MW		(On Estimated Demand)
Dhaka	0	0.00			0		0%
Chittagong Area	0	0.00			0		0%
Khulna Area	0	0.00			0		0%
Rajshahi Area	0	0.00			0		0%
Cumilla Area	0	0.00			0		0%
Mymensingh Area	0	0.00			0		0%
Sylhet Area	0	0.00			0		0%
Barisal Area	0	0.00			0		0%
Rangpur Area	0	0.00			0		0%
Total	0	0.00			0		0%

Information of the Generating Units under shut down.	
Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit- 1,2 2) Ghorasa-3/7 3) Shajbazar 330 MW 4) Baghabari-71,100 MW 5) Razcan unit-2 6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, interruption / Forced Load shed etc.		Remark
Time	Time			
08:10	16:24	Khulna (C) S/S Tr-3 405T LT Scheduled S/D Due to annual maintenance work		
08:10	16:15	Khulna (C) S/S Tr-3 405T HT Scheduled S/D Due to annual maintenance work		
08:11	16:12	Gopalganj 132/33kV S/S T1 LT Scheduled S/D Due to Annual maintenance of T-1 Transformer		
08:12	16:11	Gopalganj 132/33kV S/S T1 HT Scheduled S/D Due to Yearly maintenance		
08:20	14:05	Palashbari 132/33kV S/S TR2-404T LT Scheduled S/D Due to Annual Maintenance 2023/2024		
08:21	14:03	Palashbari 132/33kV S/S TR2-404T HT Scheduled S/D Due to Annual Maintenance 2023/2024		
08:23	12:32	Saidpur 132/33kV S/S TR-3 (424T) LT Scheduled S/D Due to Annual maintenance		
08:24	12:30	Saidpur 132/33kV S/S TR-3 (424T) HT Scheduled S/D Due to Annual maintenance		
08:31	16:53	Shahjadpur-Sirajganj 132kV Ckt-1 Scheduled S/D from Sirajganj 132/33kV end Due to Annual maintenance work.		
08:34	16:02	Panchagarh 132/33kV S/S T-1(407T) HT Scheduled S/D Due to Annual maintenance.		
08:34	16:03	Panchagarh 132/33kV S/S T-1(407T) LT Scheduled S/D Due to Annual maintenance.		
08:40	16:03	Thakurgaon 132/33kV S/S T-2(412T) LT Scheduled S/D Due to Annual maintenance.		
08:42	16:46	Thakurgaon 132/33kV S/S T-2(412T) HT Scheduled S/D Due to Annual Maintenance.		
08:51	14:52	Chandraghona-Madunaghat 132 kV Ckt-1 Scheduled S/D from Madunaghat 132/33kV end Due to For Annual Dead Line checking, and from Chandraghona 132/33kV end Due to Annual maintenance (Line)		
08:51	14:54	Hasnabad 230/132kV S/S AUTO TR-1 HT Scheduled S/D Due to Oil Centrifuge		
08:51	14:52	Hasnabad 230/132kV S/S AUTO TR-1 LT Scheduled S/D Due to Oil Centrifuge		
09:05	14:52	Rangpur 132/33kV S/S T-3 (424T) LT Scheduled S/D Due to Annual Maintenance		
09:05	14:54	Rangpur 132/33kV S/S T-3 (424T) HT Scheduled S/D Due to Annual Maintenance		
09:10	12:47	Rampur 230/132/33 S/S Khulshi-2 Scheduled S/D Due to Maintenance at Khulshi side		
09:11	12:46	Halishahar-Khulshi 132kV Ckt-2 Scheduled S/D from Khulshi 132/33kV end Due to Hot Spot Maintenance work at Khulshi-Rampur Ckt-2		
09:17	15:53	Jaidhaka 132/33kV S/S Bus B Scheduled S/D Due to Annual Maintenance Work		
09:32	16:40	KSRM 132/33kV S/S Transformer-01 HT Scheduled S/D Due to Roster maintenance from KSRM Technical Team.		
09:34	16:40	Khulna(C)-Noapara 132kV Ckt-2 Scheduled S/D from Noapara 132/33kV end Due to Project Work		
10:20	10:20	Rampura 230/132kV S/S Capacitor Bank- 1 is restored.		
10:24	12:01	Mirpur-Uttara 132kV Ckt-1 Scheduled S/D from Mirpur 132/33kV end Due to Hot Spot Maintenance (CT Clamp, Y-PH) on Mirpur SS end.		
10:25	11:58	Jhenaidah 132/33kV S/S Jhenaidah-Jhenaidah New-1, 132kV Circuit-1(L4) Forced S/D Due to Jhenaidah 230/132 kV Transformer Over Load		
10:27	11:58	Jhenaidah 132/33kV S/S Jhenaidah-Jhenaidah New-2, 132kV Circuit-2(L3) Forced S/D Due to Jhenaidah 230/132 kV Transformer Over Load		
10:28	11:59	Jhenaidah-Jhenaidah(New) 132kV Ckt-3 Forced S/D from Jhenaidah 132/33kV end Due to Jhenaidah 230/132 kV Transformer Over Load		
10:30	11:35	Jhenaidah 230/132kV S/S Transformer-2 HT Project Work S/D Due to Transformer 2 leakage problem observation		
10:41	21:06	Gopalganj(N)-Madaripur 132kV Ckt-1 Scheduled S/D from Gopalganj 400/132kV end.		
10:50	12:47	Mirorari 230/33kV S/S Bus-2 Scheduled S/D Due to Annual Maintenance		
11:10	12:47	Moghbazar S/S 132/33kV T-2 Transformer was shut down due to SCADA integration		
11:23	17:21	Bashundhara-Tongi 132 kV Ckt-1 Scheduled S/D from Tongi 230/132/33kV end Due to Annual maintenance works		
11:29	13:10	Narail 132/33kV S/S TR1 (403-T) LT Scheduled S/D Due to Red hot maintenance work of 33 KV Incomer CT, R phase		
11:32	13:10	Narail 132/33kV S/S TR1 (403-T) HT Scheduled S/D Due to Red hot maintenance work of 33 KV Incomer CT, R phase		
12:00	12:23	Day Peak Generation: 11833 MW		
	12:24	Bagerhat 132/33kV S/S Transformer-1 (403T) HT is restored.		
	12:24	Bagerhat 132/33kV S/S Transformer-1 (403T) LT is restored.		
12:33	12:40	Meghnaghat 400 kV S/S: CB 409-52 of ICT Bay-1 (Bay No 409) Bus side breaker is in shut down		
12:40		Chandpur 132/33kV S/S 200KVA Aux. T-1 LT Scheduled S/D Due to Station supply power change Aux-T1 to Aux- T2 by permission from Incharge.		
13:22	12:40	Chandpur 132/33kV S/S 200KVA Aux. T-2 LT is restored.		
13:22	13:49	Madunaghat 1, 400/230kV S/S ATR-01 LT Tripped showing RET670 relays.		
14:20	14:04	Madunaghat 1, 400/230kV S/S ATR-01 HT Tripped showing RET670 relays.		
14:32	15:18	Meghnaghat: SS power 400 kV Circuit was switched on.		
		Meghnaghat 400 kV S/S: CB 409-52 of ICT Bay-1 (Bay No 409) Bus side breaker is closed.		
16:03	16:11	Barishal-Barishal(N) 132 kV Ckt-2 is restored.		
		Full power interruption is occurring under Khulshi 132/33 kV Grid Substation due to tripping of T-1 and T-2 incoming CB for 33 kV BPDB underground cable fault.		
	16:12	Gopalganj 132/33kV S/S T1 HT is restored.		
17:06	17:42	Noapara 132/33kV S/S Auto Transformer A is restored.		40.0MW load interruption.
17:06		Khulshi 132/33kV S/S 415T (T2) HT Forced S/D Due to Fault at 33kV Bus		
17:50	21:26	Khulshi 132/33kV S/S 405T (T1) HT Forced S/D Due to Fault at 33kV Bus		
18:17	20:48	Bashundhara-Tongi 132 kV Ckt-1 Scheduled S/D from Tongi 230/132/33kV end Due to CT changing work		
		Moghbazar-Rampura 132kV Ckt-1 Forced S/D from Rampura 230/132kV end Due to red hot at Moghbazar ss end. Order by NLDC.		
18:36		Summit Bibiyana 2 tripped due to a problem with safety shut off valve.		
19:39		SS Power Unit-1 was sync.		
20:00		Evening peak generation is 13313 MW		
20:09		Rampal 400 kv bus-2 was shut down for testing bay of U-2		
21:26		Tongi - Bashundhara Line-1 was switched on.		
01:49		Summit Bibiana-2 341MW GT was sync.		
03:34		Bibiyana South 400 MW GT was sync.		
03:41		Meghnaghat Summit CCPP 305MW GT1 tripped.		110MW generation interruption.
04:34		Summit Bibiana-2 341MW ST was sync.		
05:15		Meghnaghat Summit CCPP 305MW GT1 was sync.		
05:17	07:34	Rampura 230/132kV S/S Auto Transformer - 03 LT Scheduled S/D Due to Red hot point maintenance		
05:18	07:34	Rampura 230/132kV S/S Auto Transformer - 03 HT Scheduled S/D Due to Red hot point maintenance		
06:00		Minimum generation: 9946 MW		
07:02		Meghnaghat Summit CCPP 305MW GT1 tripped (Full Speed No Load).		110MW generation interruption.
07:11		Faridpur 132/33kV S/S Transformer-2 HT Scheduled S/D Due to hot spot maintenance work		30.0MW load interruption.
07:11		Faridpur 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Hot spot maintenance work		
07:12		Natore 132/33kV S/S TR-3 (425 T) LT Scheduled S/D Due to Shutdown by NPBS 1.		16.0MW load interruption.
07:13		Natore 132/33kV S/S TR-3 (425 T) HT Scheduled S/D Due to Shutdown by NPBS 1.		
07:16		Faridpur 132/33kV S/S 33 kV Bus Scheduled S/D Due to Hot spot maintenance		30.0MW load interruption, load interrup.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle