

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

Reporting Date : 5-Oct-23

now the maximum generation is :-

**15648.0**

**21:00**

**Hrs on 19-Apr-23**

The Summary of Yesterday's		4-Oct-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		11245.0 MW	Hour :	12:00	Min. Gen. at	6:00	8825
Evening Peak Generation :		12561.0 MW	Hour :	19:00	Available Max Generation		16017
E.P. Demand (at gen end) :		12562.0 MW	Hour :	19:00	Max Demand (Evening) :		13200
Maximum Generation :		12561.0 MW	Hour :	19:00	Reserve(Generation end)		2817
Total Gen. (MKWH) :		271.411	System Load Factor :	90.03%	Load Shed		0

**EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR**

Power from East grid to West grid - Maximum		444 MW	at	21:00	Energy	
Power from West grid to East grid - Maximum					Energy	
Actual :	Water Level of Kaptai Lake at 6:00 A M on	107.84	FL(MSL).	5-Oct-23	Rule curve :	106.27 FL(MSL)

Gas Consumed :	Total =	1018.02 MMCFD.	Oil Consumed (PDB) :		HSD :	
					FO :	
Cost of the Consumed Fuel (PDB+PV) :	Gas :	Tk142,629,425	Coal :	Tk548,543,407	Oil :	Tk299,170,254
					Total :	Tk990,343,086

**Load Shedding & Other Information**

Area	Yesterday	Estimated Demand (S/S end)	Today		Rates of Shedding (On Estimated Demand)
			Estimated Demand (S/S end)	Estimated Shedding (S/S end)	
Dhaka	0	0.00	4437	0	0%
Chittagong Area	0	0.00	1218	0	0%
Khulna Area	0	0.00	1707	0	0%
Rajshahi Area	0	0.00	1483	0	0%
Cumilla Area	0	0.00	1220	0	0%
Mymensingh Area	20	0.00	908	0	0%
Sylhet Area	0	0.00	509	0	0%
Barisal Area	0	0.00	424	0	0%
Rangpur Area	0	0.00	829	0	0%
<b>Total</b>	<b>20</b>	<b>0.00</b>	<b>12735</b>	<b>0</b>	<b>0%</b>

**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		
-	8:08	Purbasadpur 132/33kV S/S T-1 Transformer (403T) LT is restored.	
-	8:08	Purbasadpur-Saidpur 132kV Ckt-1 is restored.	
-	8:08	Purbasadpur 132/33kV S/S T-3 Transformer (423T) LT is restored.	
-	8:09	Purbasadpur-Saidpur 132kV Ckt-2 is restored.	
-	8:14	Purbasadpur-Thakurgaon-EPV 132kV Ckt-1 is restored.	
-	8:18	Purbasadpur-Thakurgaon-EPV 132kV Ckt-2 is restored.	
-	8:20	Purbasadpur 132/33kV S/S 33kV Bank-1 is restored.	
-	8:20	Purbasadpur 132/33kV S/S 33kV Bank-2 is restored.	
8:21	16:54	Khagrachari-Rangamati 132kV Ckt-1 Scheduled S/D from Rangamati 132/33kV end Due to Annual maintenance.	
8:49	-	Sylhet south T1&T2 SD due to 33kv ds alignment work.	
9:10	16:16	Tongi 230/132/33kV S/S Tongi-Uttara 3rd Phase Ckt Scheduled S/D Due to Annual maintenance (DLC).	
9:19	17:53	Jaldhaka 132/33kV S/S 416T LT Scheduled S/D Due to Annual maintenance work.	
9:20	17:52	Jaldhaka 132/33kV S/S 416T HT Scheduled S/D Due to Annual maintenance work.	
-	9:55	Hathazari 230/132/33kV S/S T-02 HT is restored.	
-	9:56	Hathazari 230/132/33kV S/S T-02 LT is restored.	
10:13	10:51	Rangpur-Saidpur 132kV Ckt-1 Forced S/D from Saidpur 132/33kV end Due to Red hot.	
-	11:54	Sylhet South T1&T2 was switched on	
12:00	-	Day peak generation is 11245 MW.	
16:01	16:32	Keraniganj 230/132/33kV S/S Hasnabad Tripped showing 21 Distance Zone 3 tripped. 86.1 trip relay operated. relays Due to 132 kv Hasnabad CKT 01 tripped.	
16:14	16:28	Sirajganj 132/33kV S/S T3-(435) LT Forced S/D Due to energy meter phase sequence change work.	
16:15	16:28	Sirajganj 132/33kV S/S T3-(435) HT Forced S/D Due to Energy meter phase sequence change.	
16:40	17:35	Sonargaon 132/33kV S/S Tr-1 LT Forced S/D Due to 33 kv MIEZ feeder work.	30.0MW load interrup.
16:40	17:35	Sonargaon 132/33kV S/S Tr-1 HT Forced S/D Due to 33 kv MIEZ feeder work.	30.0MW load interrup.
16:57	17:52	Mongla 132/33kV S/S T-2 LT Tripped showing O/E (50/51) relays Due to 33 kv old port feeder fault.	18.0MW load interrup.
18:26	18:55	Chandpur 132/33kV S/S 402T LT Tripped showing O/C & E/F relays relays Due to 33 kv Chandpur-2 Feeder O/C & E/F Signal. A-Phase trip, earth fault signal shown but Chandpur-2 Feeder CB Not Operat. Due to Chandpur-2 feeder fault current flow in-comer-1 and in-comer-1 CB Tripped.	20.0MW load interrup.
18:34	-	Khagrachari-Rangamati 132kV Ckt-1 Forced S/D from Rangamati 132/33kV end Due to Trip circuit unhealthy.	
-	18:56	Shariatpur 132/33kV S/S T2-416T LT is restored.	
-	18:58	Shariatpur 132/33kV S/S T2-416T LT is restored.	
19:00	-	Evening peak generation 12561 MW	
-	19:00	Shariatpur 132/33kV S/S Auxiliary-02 (PGCB) HT is restored.	
0:30	-	BIPTC S/S Baharampur-4 Tripped showing Distance Relay Z1.1 relays Due to None.	
-	0:37	Gopalganj 132/33kV S/S T1 HT is restored.	
-	0:37	Gopalganj 132/33kV S/S T1 LT is restored.	
1:07	-	Payra 1320 MW PP: Unit-2 was shutdown due to problem with de-superheater.	660MW generation interrup.
2:34	-	Siddhirganj GT: Unit-1 tripped.	120MW generation interrup.
3:50	4:24	Bogura 230/132kV S/S T-01 LT Tripped showing No Relay relays Due to Rain.	
3:50	4:24	Bogura 230/132kV S/S T-01 HT Tripped showing Lock Out Relay relays Due to Rain.	
4:21	-	Sirajganj Unit-4 was shutdown due to red hot maintenance at grid substation end.	410MW generation interrup.
4:45	5:00	Jhenaidah-Kushlia 132kV Ckt-2 Tripped from Kushlia 132/33kV end showing Z1 relays Due to Earth fault, L-3 Due to heavy Rain fall with thundering and from Jhenaidah 132/33kV end showing under voltage relay relays Due to Inst. Over current.	
-	5:22	Siddhirganj GT: Unit-1 was sync.	
6:00	-	Min. Gen. 8825 MW	
6:03	-	Sirajganj 132/33kV S/S T2-(425) HT Project Work S/D Due to PGNS (G2G) project has taken shutdown for T4 132kV BUS Loop disconnection work.	
6:05	-	Sirajganj 132/33kV S/S T3-(435) HT Project Work S/D Due to PGNS (G2G) project has taken shutdown for T4 132kV BUS Loop disconnection work.	
6:07	-	Sirajganj 132/33kV S/S Sherpur-1 Project Work S/D Due to PGNS (G2G) project has taken shutdown for T4 132kV BUS Loop disconnection work.	
6:12	7:59	Baghabari-Sirajganj 132 kv Ckt-1 Project Work S/D from Sirajganj 132/33kV end Due to PGNS (G2G) project has taken shutdown for T4 132kV BUS Loop disconnection work.	
6:12	7:59	Baghabari-Sirajganj 132 kv Ckt-1 Project Work S/D from Sirajganj 132/33kV end Due to PGNS (G2G) project has taken shutdown for T4 132kV BUS Loop disconnection work.	
6:12	-	Sirajganj 132/33kV S/S Sherpur-2 Project Work S/D Due to PGNS (G2G) project has taken shutdown for T4 132kV BUS Loop disconnection work.	
6:12	7:55	Sirajganj 132/33kV S/S Main Bus Project Work S/D Due to PGNS (G2G) project has taken shutdown for T4 132kV BUS Loop disconnection work.	65.0MW load interrup.
6:12	7:59	Baghabari-Sirajganj 132 kv Ckt-1 Project Work S/D from Sirajganj 132/33kV end Due to PGNS (G2G) project has taken shutdown for T4 132kV BUS Loop disconnection work.	
7:40	-	Shariatpur 132/33kV S/S Auxiliary-01 (PGCB) HT Scheduled S/D Due to Annual Maintenance.	

Sub Division Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle