

POWER GRID COMPANY OF BANGLADESH LTD.

NATIONAL LOAD DESPATCH CENTER

DAILY REPORT

Reporting Date : 12-Oct-23

Till now the maximum generation is :-		15648.0	21:00	Hrs on	19-Apr-23	
The Summary of Yesterday's		11-Oct-23	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	12238.0 MW	Hour :	12:00	Min. Gen. at	7:00	10918
Evening Peak Generation :	14356.0 MW	Hour :	20:00	Available Max Generation :		14982
E.P. Demand (at gen end) :	14470.0 MW	Hour :	20:00	Max Demand (Evening) :		14350
Maximum Generation :	14356.0 MW	Hour :	20:00	Reserve(Generation end)		632
Total Gen. (MkWh) :	298.380	System Load Factor :	86.60%	Load Shed		0

Export from East grid to West grid :- Maximum	310 MW	at	21:00	Energy	
Import from West grid to East grid :- Maximum	-	at	-	Energy	

Actual :	Water Level of Kaptai Lake at 6:00 A.M on	12-Oct-23	Rule curve :	107.00	Fl.(MSL)
	106.76	Fl.(MSL) :			

Gas Consumed :	Total =	1080.32	Oil Consumed (PDB) :		
		MMCFD.		HSD :	
				FO :	

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk155,032,197	Oil :	Tk566,266,924	Total :	Tk1,200,687,933
	Coal :	Tk479,388,812				

Load Shedding & Other Information

Area	Yesterday		Today		Rates of Shedding	
	MW	Estimated Demand (S/S end)	MW	Estimated Shedding (S/S end)	MW	(On Estimated Demand)
Dhaka	0	0.00	4858	0	0	0%
Chattogram 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	18	0.00	1339	0	0	0%
Mymensingh Area	21	0.00	996	0	0	0%
Sylhet Area	70	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	109		13965	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) Shajibazar 330 MW
- 4) Baghabari-71, 100 MW
- 5) Raouzan unit-2
- 6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:04	15:44	Khulna (C) S/ TR-1 425T LT Scheduled S/D Due to Due to Annual maintenance	
08:05	15:44	Khulna (C) S/ TR-1 425T HT Scheduled S/D Due to Due to Annual maintenance	
	08:14	Aminbazar-Mirpur 132kV Ckt-2 is restored.	
	08:14	Aminbazar-Mirpur 132kV Ckt-2 is restored.	
	08:28	Jhenaidah 132/33kV S/S Transformer T-1 LT is restored.	
	08:28	Jhenaidah 132/33kV S/S Transformer T-2 HT is restored.	
08:43	17:24	Haripur-Siddhirganj 230kV Ckt-1 Scheduled S/D from Haripur 230/132kV end Due to Annual Maintenance, 2023-24 and from Siddhirganj 230/132kV end Due to Due to annual maintenance work at Haripur end.	
09:05	16:59	Tongi 230/132/33kV S/S Tongi-Jitana Ckt Scheduled S/D Due to Annual maintenance	
	09:16	Kabirpur 132/33kV S/S Reserve bus is restored.	
09:20	17:52	Feni 132/33kV S/S T-2(415T) LT Scheduled S/D Due to T-2, Y-Ph Bushing to upper conductor Measurement	
	09:49	Kabirpur -Tongi 132kV Ckt-1 is restored.	
	12:02	Beanbazar 132/33kV S/S 132 KV BUS-1 is restored.	
12:27	13:16	Narsingdi 132/33kV S/S T-3 HT Scheduled S/D Due to T-3, 132kV CT B- phase Hotspot maintenance work.	30.0MW load interruption.
13:41	13:46	Narsingdi 132/33kV S/S T-3 HT Tripped showing ABB, RET316'4 relays Due to Tripp.	
	17:52	Feni 132/33kV S/S T-2(415T) HT is restored.	
19:04		Bibiyan South 400 MW CCPP was forced shutdown due to exhaust duct gas leakage.	400MW generation interruption.
20:00		Evening peak Generation: 14358 MW	
20:05		Bhola 225 MW CCPP tripped due to GBC trip	225MW generation interruption.
20:10		Bhola Naton Biddyt 220 MW GT-2 and ST tripped due to voltage fluctuation	157MW generation interruption.
20:10	20:20	Barisal 132/33kV S/S T-2 (415T) LT Tripped showing Defl O/C, Ins O/C, lockout, relays Due to 33 kv kasipur feeder fault.	100.0MW load interruption.
20:10	20:20	Barisal 132/33kV S/S T-1 (405T) LT Tripped showing Lock out, inst o/c, defl relays Due to 33 kv kasipur feeder fault	
20:10	20:36	Barisal 132/33kV S/S 132 KV Capacitor Bank Tripped showing Ov relays Due to 33 kv kasipur feeder fault.	
20:21		Bhola 225 MW CCPP GT-1 was synchronized.	
21:10		Bhola 225 MW CCPP GT-2 was synchronized.	
21:17	22:34	Barapukuria 230/132/33kV S/S 132/33 KV T-3, 404T LT Forced S/D Due to Emergency red hot maintenance at Bus DS of 33kV Coal mine feeder-01.	18.0MW load interruption.
21:17	22:34	Barapukuria 230/132/33kV S/S 132/33 KV T-3, 404T HT Forced S/D Due to Emergency red hot maintenance at Bus DS of 33kV Coal mine feeder-01.	
21:40		Bhola Naton Biddyt 220 MW ST was synchronized.	
01:19		Haripur 230/132kV S/S Auto TR-2 LT Tripped showing No Relay Shown, relays Due to Trip and firing.	
01:19		Haripur 230/132kV S/S Auto TR-2 HT Tripped showing 1) LOR(86T), LOR(86L), 3 HZ (B,C) 1)Gen trip, Trip-3 (R Phase trip, 4)Y Phase trip, 5)B Phase trip, 2)Diff. relays Due to Trip and firing.	
01:31		Kaptai-1,2&3 tripped	125MW generation interruption.
03:57		Kaptai-2 was sync.	
04:44		Bhola Naton Biddyt BD LTD, GT2 was sync.	
05:29		Chandraghona 132/33kV S/S TR-01(406T) LT Project Work S/D	23.0MW load interruption.
05:29		Chandraghona 132/33kV S/S TR-01(406T) HT Project Work S/D	
06:31		Ashuganj 230/132/33kV S/S TR-OAT-12 LT Scheduled S/D Due to LT bushing and CT change	
06:32		Ashuganj OAT-12 transformer was shutdown due to scheduled shut down	100MW load interruption.
06:42		Ashuganj 230/132/33kV S/S TR-OAT-12 HT Scheduled S/D Due to LT bushing and CT change	
07:00		Minimum generation is 10918MW	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle