

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

Reporting Date : 23-Oct-23

Till now the maximum generation is :-

The Summary of Yesterday's	22-Oct-23	15648.0	Generation & Demand	21:00	Hrs on	19-Apr-23	Today's Actual Min Gen. & Probable Gen. & Demand	Reporting Date : 23-Oct-23
Dav Peak Generation :	11420.0	MW	Hour :	12:00	Min. Gen. at	6:00	9754	
Evening Peak Generation :	12918.0	MW	Hour :	20:00	Available Max Generation :		14536	
E.P. Demand (at gen end) :	12948.0	MW	Hour :	20:00	Max Demand (Evening) :		13600	
Maximum Generation :	12918.0	MW	Hour :	20:00	Reserve(Generation end)		936	
Total Gen. (MKWH) :	270.544		System Load Factor :	87.26%	Load Shed :		0	

Export from East grid to West grid :- Maximum 340 MW at 18:00 Energ
 Import from West grid to East grid :- Maximum MW at Energy

Actual : Water Level of Kaptai Lake at 6:00 A M on 23-Oct-23
 104.52 Ft.(MSL) Rule curve : 108.10 Ft.(MSL)

Gas Consumed : Total = 982.33 MMCFD. Oil Consumed (PDB) : HSD :
 FO :

Cost of the Consumed Fuel (PDB+Pvt) : Gas : Tk134,497,804
 Coal : Tk531,461,108 Oil : Tk459,263,775 Total : Tk1,125,222,687

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)	Today		Rates of Shedding (On Estimated Demand)
	MW			MW		
Dhaka	0	0.00	4858	0	0%	
Chittagong Area	0	0.00	1336	0	0%	
Khulna Area	0	0.00	1873	0	0%	
Rajshahi Area	0	0.00	1628	0	0%	
Cumilla Area	0	0.00	1339	0	0%	
Mymensingh Area	0	0.00	996	0	0%	
Sylhet Area	29	0.00	558	0	0%	
Barisal Area	0	0.00	466	0	0%	
Rangpur Area	0	0.00	910	0	0%	
Total	29		13965	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) Razzan unit-2
- 6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
Time	Time		
08:12	17:38	Shariatpur 132/33kV S/S T2-416T LT Scheduled S/D Due to Annual Maintenance.	
08:13	17:37	Shariatpur 132/33kV S/S T2-416T HT Scheduled S/D Due to Annual Maintenance.	
08:13	15:38	Gopalganj 132/33kV S/S T2 LT Scheduled S/D Due to Yearly maintenance	
08:14	15:37	Gopalganj 132/33kV S/S T2 HT Scheduled S/D Due to Yearly maintenance	
08:42	17:10	Thakurgaon 132/33kV S/S T-3(432T) LT Scheduled S/D Due to Annual Maintenance	
08:44	17:10	Thakurgaon 132/33kV S/S T-3(432T) HT Scheduled S/D Due to Annual Maintenance	
08:54	16:56	Bashundhara-Tongi 132 kV Ckt-2 Scheduled S/D from Tongi 230/132/33kV end Due to Annual maintenance	
08:55	09:28	Hathazari-Madunaghat 132kV Ckt-2 Tripped from Madunaghat. 132/33kV end showing REL670 relays. and from Hathazari 230/132/33kV end showing Quadramhot(main) relays Due to Earth fault	
09:08	16:55	Jamalpur-Mymensingh 132kV Ckt-2 Scheduled S/D from Jamalpur 132/33kV end Due to Annual Maintenance work.	
09:44	17:09	Chandraghona-Madunaghat 132 kV Ckt-2 Scheduled S/D from Madunaghat 132/33kV end Due to For annual deadline checking and maintenance. and from Chandraghona 132/33kVend.	
	09:46	Ashuganj 230/132/33kV S/S T-4 Kalabagan HT is restored.	
	10:38	Ashuganj 230/132/33kV S/S 132kv Busbar-1 is restored.	
	12:00	Day Peak Generation 11420MW at12:00	
	12:30	Khulshi 132/33kV S/S 405T (T1) HT is restored.	
	12:30	Khulshi 132/33kV S/S 405T (T1) HT is restored.	
	13:10	Chandraghona 132/33kV S/S TR-01(406T) HT is restored.	
	13:13	Chandraghona 132/33kV S/S TR-01(406T) LT is restored.	
	13:15	Shikalbaha 230/132kV S/S Interconnection-1 Forced S/D	
	14:16	Bagerhat 132/33kV S/S Transformer-2 (413 T) HT is restored.	
	14:17	Bagerhat 132/33kV S/S Transformer-2 (413 T) LT is restored.	
	14:49	Ashuani-Kishoreganj 132kV Ckt-1 is restored.	
	14:49	Ashuganj-Kishoreganj 132kV Ckt-1 is restored.	
	14:54	Madunaghat-Sikalbaha 132kV Ckt-2 Tripped from Madunaghat 132/33kV end showing REL670 relays.	
	15:01	Sikalbaha 230/132kV SS 132kV bus-1 got tripped showing bus bar protection relay.	
	15:30	Matarbari 2x600 MW (CPGCL) unit-1 was sync.	
	17:33	18:13 Dohazari-Sikalbaha 132 kV Ckt-2 Tripped from Shikalbaha 230/132kV end showing Main 1 protection - FN1Bacup protection & control unit-KF1 relays Due to None	
	17:33	Sikalbaha 230/132kV SS 132kV bus-2 got tripped showing bus bar protection relay.	
	17:33	About 750MW load interruption and 70MW generation interruption occurred under Chattogram Zone (Cox's Bazar, Dohazari, Matarbari, Juddah, Shahmirpur, Bakulia, Sikalbaha new, Sikalbaha old, Khulshi, Rampur, Agrabad, Halishahar, AK Steel and Baro Aulia 132/33kV SS) from 17:33 hrs to 18:29 hrs as Sikalbaha 230/132kV SS 132kV bus-2 got tripped (132kV bus-1 was already in tripped condition) at 17:33 hrs.	70MW generation interrup. and 750MW load interrup.
	17:37	18:45 Khulshi-Madunaghat 132kV Ckt-2 Tripped from Madunaghat 132/33kV end showing REC650 relays.	
	17:57	Sikalbaha 230/132kV SS 132kV bus-2 was restored.	
	19:09	Adani Power Jharkhand Ltd. unit-1 was sync.	
	20:00	Maximum Peak Generation 12918 MW.	
	01:52	Madanqani 132/33kV S/S Madanqani-Shitalakhya 132 kv Ckt Forced S/D Due to 132 kv Fatullah ckt overloaded	
	06:00	Minimum generation 9754 MW.	
	07:04	Maniknagar-Siddhirganj 230 kV ckt-1 was restored.	

Sub Divisional Engineer
 Network Operation Division

Executive Engineer
 Network Operation Division

Superintendent Engineer
 Load Despatch Circle