

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

Reporting Date : 7-Oct-23

How the maximum generation is :-

The Summary of Yesterday's	6-Oct-23	Generation & Demand	21:00	Hrs on	19-Apr-23	Today's Actual Min Gen. & Probable Gen. & Demand
Day Peak Generation :	9326.0	MW	Hour :	12:00	Min. Gen. at	7:00 9215
Evening Peak Generation :	11396.0	MW	Hour :	21:00	Available Max Generation :	14859
E.P. Demand (at gen end) :	11396.0	MW	Hour :	21:00	Max Demand (Evening) :	12500
Maximum Generation :	11396.0	MW	Hour :	21:00	Reserve(Generation end)	2359
Total Gen. (MkWh) :	232 291		System Load Factor	84.93%	Load Shed	0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		570 MW	at	21:00	Energy
From East grid to West grid - Maximum		MW	at		Energy
From West grid to East grid - Maximum		MW	at		Energy

Actual :	Water Level of Kaptai Lake at 6:00 A M on	7-Oct-23	Rule curve :	106.54	FL (MSL)
	107.72	FL(MSL),			

Gas Consumed :	Total =	932.39	MMCFD.	Oil Consumed (PDB) :	
				HSD :	
				FO :	

of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk124,542,943			
	Coal :	Tk439,508,059		Oil :	Tk318,494,342
				Total :	Tk882,545,344

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)	Today		Rates of Shedding (On Estimated Demand)
	MW	MW		Estimated Shedding (S/S end)	MW	
Dhaka	0	0:00	3888	0	0	0%
Chittagong Area	0	0:00	1064	0	0	0%
Khulna Area	0	0:00	1489	0	0	0%
Rajshahi Area	0	0:00	1293	0	0	0%
Cumilla Area	0	0:00	1065	0	0	0%
Mymensingh Area	0	0:00	791	0	0	0%
Sylhet Area	0	0:00	444	0	0	0%
Barisal Area	0	0:00	370	0	0	0%
Rangpur Area	0	0:00	723	0	0	0%
Total	0	0:00	11127	0	0	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) Shahjibazar 330 MW 4) Baghabari-71,100 MW 5) Raocan unit-2 6) Siddhirganj 210 MW .

Additional Information of Machines, lines, Interruption / Forced Load shed etc.

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:30	12:50	Rampura 230/132kV S/S Auto Transformer - 03 HT S/D Due to Transformer Oil and Winding Insulation Test(Megger), due to Trip by Diff. O/C & E/F Trip at 23:41(05:10:23)	
08:30	17:15	Rampura 230/132kV S/S NLDC Trafo HT S/D Due to Transformer Blasted R Phase LA & Surge Counter replace,oil and Winding Insulation Test due to Trip by Diff. O/C & E/F Trip at 23:41	
	08:48	Jashore 132/33kV S/S T-1 HT is restored.	
	09:10	Chapai 132/33kV S/S T-3 (425T) HT is restored.	
09:45		Khulna(S) 230/132kV S/S 230 KV Main Bus 2 Project Work S/D Due to 800 MW NWPGL Power Plant Project Work.	
10:03		Bibiyan South 400 MW CAPP ST was synchronized.	
	10:17	Joypurhat 132/33kV S/S Transformer T-2 (417 T) HT is restored	
11:04	12:33	Jamalpur 132/33kV S/S T-3 LT Scheduled S/D Due to 33 kv bus loop change	12 MW load interrup.
11:42	12:44	Kishoreganj 132/33kV S/S T-1 (404T) HT Forced S/D Due to emergency S/D by bpsb	2 MW load interrup.
11:45		East-West Interconnectors are in overload, due to very low demand at the western grid. The whole country is observing low demand due to bad weather.	
11:50	20:16	Amnura 132/33kV S/S T-2 (416T) HT Scheduled S/D Due to For changing of OLTC's oil.	
12:15	13:00	Shahmitpur 132/33kV S/S 416T HT S/D Due to To remove temporary "T" connection of Auxiliary Transformer	
12:32		Meghnaghat CAPP (Summit) was Shut down due to gas shortage.	
13:56		Adani-Rohanpur 400 kv circuit-2 tripped showing zone-1 ,R,Y,B phase ,SOTF_AIDED trip and distance relays.	
14:43		Khulna 330 MW was shutdown.	
15:04	15:32	Brahmanbaria-Shahjibazar 132 kv Ckt-2 Tripped from Shahjibazar end showing Distance relay Due to Bad weather showing Distance protection relay relays Due to Started phase A NZone-01	330MW generation interrup.
15:12		Halishahar TR-2 LT tripped showing No Relay Operated relays Due to 132/33kV TR-02 Sec breaker trip	
15:19	15:44	Shahjibazar-Sreemangal 132kV Ckt-2 Tripped from Sreemongol end showing Distance relay due to Bad weather	
16:16	16:29	Brahmanbaria-Shahjibazar 132 kv Ckt-2 Tripped from Shahjibazar end showing Distance relays Due to Bad weather	
20:00	21:33	Jashore-Noapara 132kV Ckt-1 Scheduled S/D from Noapara end Due to 513S DS High Temperature Point Maintenance.	
23:06		Ashuganj North 360 MW CAPP GT was sync.	
21:55		Ashuganj North 360 MW CAPP GT tripped.	250MW generation interrup.
23:52		Ashuganj North 360 MW CAPP GT was sync.	
01:08		Ashuganj South 360 MW CAPP tripped.	
01:49		Ashuganj South 360 MW CAPP GT was sync.	
04:32		Ashuganj South 360 MW CAPP ST was sync.	
05:07	05:30	Bagerhat-Mongla 132 kv Ckt-2 Tripped from Bagerhat end showing Dist Relay relays Due to Unknown(Assuming Thunderstorm)	
07:55		Bogura 132/33kV S/S 132kV Bus-B Scheduled S/D Due to 132 KV B-Bus DS Maintenance.	
08:00		Bogura 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Transformer-2 132 kv Bus DS Maintenance.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle