

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

Reporting Date : 15-Jul-23

Till now the maximum generation is : -

15648.0

21:00

Hrs on

19-Apr-23

The Summary of Yesterday's

14-Jul-23

Generation & Demand

Today's Actual Min Gen. & Probable Gen. & Demand

Day Peak Generation :	11879.0 MW	Hour :	12:00	Min. Gen. at :	8:00	10830
Evening Peak Generation :	13730.0 MW	Hour :	21:00	Available Max Generation :		15812
E.P. Demand (at gen end) :	0.0 MW	Hour :	21:00	Max Demand (Evening) :		14400
Maximum Generation :	13775.0 MW	Hour :	22:00	Reserve(Generation end)		1412
Total Gen. (MKWH) :	293.6	System Load Factor :	88.82%	Load Shed :		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	190 MW	at	20:00	Energy	
Import from West grid to East grid :- Maximum				Energy	

Water Level of Kaptai Lake at 6:00 A.M on 15-Jul-23
Actual : 75.20 FL (MSL) , Rule curve : 86.24 FL (MSL)

Gas Consumed :	Total = 1175.99 MMCFD.	Oil Consumed (PDB) :		HSD :	
				FO :	

Cost of the Consumed Fuel (PDB+Pvt) :	Gas : Tk171,064,106	Coal : Tk289,665,852	Oil : Tk768,181,807	Total : Tk1,228,911,765
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Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW	0.00	MW	Estimated Shedding (S/S end)	MW		
Dhaka	0	0.00	4955		0	0%	
Chattogram Area	0	0.00	1364		0	0%	
Khulna Area	0	0.00	1911		0	0%	
Rajshahi Area	0	0.00	1662		0	0%	
Cumilla Area	0	0.00	1367		0	0%	
Mymensingh Area	55	0.00	1017		0	0%	
Sylhet Area	0	0.00	570		0	0%	
Barisal Area	0	0.00	475		0	0%	
Rangpur Area	79	0.00	929		0	0%	
Total	134		14249		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) Razoon unit-2
- 6) Siddhirganj 210 MW .

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

Outage	Restore		Remark
08:23	11:32	Mihapukur 132/33kV S/S TR-1(404T) LT Scheduled S/D Due to Aux-01 DS, Bus section DS Maintenance work. Aux-01 DS, Bus section DS Maintenance work.	15 MW load interrup.
08:23	11:31	Mihapukur 132/33kV S/S TR-1(404T) HT Scheduled S/D Due to Aux-01 DS, Bus section DS Maintenance work.	
08:25	20:48	Mihapukur 132/33kV S/S TR-2 (414T) LT Scheduled S/D Due to Aux-01 DS, Bus section DS Maintenance work.	
08:25	20:47	Mihapukur 132/33kV S/S TR-2 (414T) HT Scheduled S/D Due to Aux-01 DS, Bus section DS Maintenance work.	
08:36	08:36	Madaripur 132/33kV S/S T2-415T HT is restored.	
08:55		Banani-Bashundhara 132kV Ckt-1 Tripped from Banani 132/33kV end showing Banani grid power fail due to Rampura To Bashundhara 132kV Ckt trip relays Due to Banani grid power fail due to Rampura To Bashundhara 132kV Ckt trip	37 MW load interrup.
09:05	09:05	Munshiganj 132/33kV S/S Transformer-1 LT is restored.	
09:07	09:07	Munshiganj 132/33kV S/S Transformer-2 LT is restored.	
09:54	09:54	Patuakhali 132/33kV S/S 425T (T-3) HT is restored.	
09:55	10:03	Bashundhara-Rampura 132 kV Ckt-2 Tripped from Rampura 230/132kV end showing Distance protection 21/1, Z1, BN relays Due to Tripped at Basundhara SS end	
09:55		Banani-Bashundhara 132kV Ckt-1 Tripped from Banani 132/33kV end showing Banani grid power fail due to Rampura To Bashundhara 132kV Ckt trip relays Due to Banani grid power fail due to Rampura To Bashundhara 132kV Ckt trip	37 MW load interrup.
09:55	09:55	Patuakhali 132/33kV S/S 425T (T-3) LT is restored.	
09:55	10:28	Bashundhara-Rampura 132 kV Ckt-1 Tripped from Rampura 230/132kV end showing 1. Distance Protection 21/2 : Z3, DEF BN.2, High Impedence Differential 87TEE2(FDR); B phase.3. Master Trip 86T2, 86T4 relays.	
09:59	12:24	Siddhirganj 230/132kV S/S 335MW EGCB 1 Scheduled S/D Due to DS temperature is high	
11:28		Siddhirganj GT-1 was sync.	
12:00		Day Peak Gen. 11879 MW	
12:45	12:50	Chandpur 132/33kV S/S 402T HT Tripped showing Over current relay(50) relays.	
12:45	12:50	Chandpur 132/33kV S/S 402T LT Tripped showing Over Current and Earth fault relay relays.	20 MW load interrup.
14:56	17:20	Ghorasal - Seven Circle ckt tripped	
15:11		Siddhirganj CCRP 335MW GT was sync.	
15:17	16:20	Cumilla(S) 132/33kV S/S TR-3 LT Forced S/D Due to Red hot Remove	15 MW load interrup.
15:17	16:20	Cumilla(S) 132/33kV S/S TR-3 HT Forced S/D Due to T-03 transformer 33kV Side Y-Phase Red hot Remove	
15:54	16:00	Jamalpur-Mymensingh 132kV Ckt-2 Tripped from Jamalpur 132/33kV end showing zone-1 A-phase.Distance-9km relays Due to Rain and Thundering and from Mymensingh 132/33kV end showing 21 relays Due to 132kV Mymensingh-Jamalpur ckt-2 GCB(213B) Trip due Z1,Dist.-(A-phase), Aided Trip.	
15:55	16:00	132kV Mymensingh-Jamalpur ckt-2 GCB(213B) Trip due Z1,Dist.-(A-phase), Aided Trip.	
16:04	16:33	Niamalpur 132/33kV S/S 426T LT Forced S/D Due to PBS 33/4 kV Auxiliary transformer disconnect wire Maintenance work.	23 MW load interrup.
16:53		Siddhirganj CCRP 335MW ST was sync.	
21:00		Evening Peak generation = 13,730MW	
07:00		Minimum Generation:10965 MW	
07:23		Magura 33kV Bus Section-3 S/D.	
07:25		Chattak-Sylhet 132 kV Ckt-2 Scheduled S/D from Chhatak 132/33kV end Due to 132kV Sylhet-Chhatak Circuit-2 Shutdown for BUS DS(202S) R-ph Loop Change. and from Sylhet 132/33kV end Due to maintenance work by chattak grid	5 MW load interrup.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle