

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

Reporting Date : 23-Sep-23

by the maximum generation is :-

15648.0

21:00

Hrs on

19-Apr-23

The Summary of Yesterday's		22-Sep-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation	:	10398.0	MW	Hour :	12:00	Min. Gen. at	8:00
Evening Peak Generation	:	12183.0	MW	Hour :	21:00	Available Max Generation	19500
E.P. Demand (at gen end)	:	12183.0	MW	Hour :	21:00	Max Demand (Evening)	13500
Maximum Generation	:	12234.0	MW	Hour :	22:00	Reserve(Generation end)	2700
Total Gen. (MKWH)	:	261.147		System Load Factor	88.94%	Load Shed	0

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

from East grid to West grid :- Maximum		1040	MW	at	1:00	Energy	
from West grid to East grid :- Maximum						Energy	

Actual :	Water Level of Kaptai Lake at 6:00 A.M on	23-Sep-23	Rule curve :	104.08	FL (MSL)		
	108.22	FL (MSL)					

Gas Consumed :	Total =	1042.25	MMCFD.	Oil Consumed (PDB) :			

of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk153,815,400		Coal :	Tk568,649,491	Oil :	Tk216,702,043	Total :	Tk929,166,934
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**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	4858		0	0	0%
Chittagong 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	0	0.00	1338		0	0	0%
Mymensingh Area	0	0.00	996		0	0	0%
Sylhet Area	0	0.00	558		0	0	0%
Barisal Area	0	0.00	466		0	0	0%
Rangpur Area	0	0.00	910		0	0	0%
<b>Total</b>	<b>0</b>	<b>0.00</b>	<b>13965</b>		<b>0</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) Shajebazar 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
08:22		Ashuganj-Kishoreganj 132kV Ckt-1 Project Work S/D from Kishoreganj 132/33kV end. and from Ashuganj 230/132/33kV	
08:51	14:33	Meghnaghat 230/132kV S/S Bus2 Scheduled S/D Due to As per request of meghnaghat power limited	
08:56	09:23	Purbasadipur 132/33kV S/S T-1 Transformer (403T) HT Tripped showing ALSTHOM relays	30.0MW load interrup.
08:56	09:23	Purbasadipur 132/33kV S/S T-1 Transformer (403T) LT Tripped showing ALSTHOM relays	30.0MW load interrup.
08:56	09:04	Purbasadipur 132/33kV S/S T-3 Transformer (423T) LT Tripped showing ALSTHOM relays.	15.0MW load interrup.
09:45	11:57	Purbasadipur-Thakurgaon-EPV 132kV Ckt-2 Scheduled S/D from Thakurgaon 132/33kV end.	
	10:04	Joypurhat 132/33kV S/S Transformer T-3 (427 T) HT is restored.	
	10:05	Joypurhat 132/33kV S/S Transformer T-4 (437 T) HT is restored.	
10:59	12:52	Tongi 230/132/33kV S/S Tongi-Dhaka Metro Rail Ckt Scheduled S/D Due to PT Connection Test	
11:02	11:27	BIPTC S/S 20DF24 Forced S/D	
12:00		Day Peak Gen. 10400 MW	
12:04	12:16	Ashuganj-Kishoreganj 132kV Ckt-2 Tripped from Ashuganj 230/132/33kV end showing Distance-B.C phase relays. and from Kishoreganj 132/33kV end showing Distance relay relays Due to None	70.0MW load interrup.
12:04	12:22	Bhaluka-Mymensingh 132 kV Ckt-1 Tripped from Bhaluka 132/33kV end showing Relay: 86.1 & 86.2 relays.	30.0MW load interrup.
12:04	12:24	Sreepur 230/132/33kV S/S Sreepur-Valuka Ckt-2 Tripped showing Master relay86.1 & 86.2 operated relays Due to CB open due to over current.	93.0MW load interrup.
12:05		Ashuganj - kishoreganj line-2 tripped at 12:05 showing Distance Relay. At the same time Bhaluka - Sripur line-1 & 2 tripped. About 400 MW interruption was occurred under Mymensingh, Kishoreganj & Bhaluka S/S from 12:05 to 12:15 hrs. Bibiyana -3 tripped at 12:05 hrs. due to high Frequency. N.B. Ashuganj- Kishoreganj line-1 was under Shutdown from 08:22 hrs due to project work.	
12:05		Bibiyana-3 400MW tripped.	
12:30		Bibiyana-3 400MW GT was sync.	
14:01	21:10	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) LT Tripped showing 132 kV 86/91 OPTD Relay & 33 kV (86-1,86-2) OPTD Relay relays Due to 132 kV 86/91 OPTD Relay & 33 kV (86-1,86-2) OPTD Relay	60.0MW load interrup.
14:01	14:33	Manikganj 132/33kV S/S 132/33 kV Transformer GT-4 (50/75 MVA) LT Tripped showing over Load relays Due to over Load	30.0MW load interrup.
14:01	14:32	Manikganj 132/33kV S/S 132/33 kV Transformer GT-4 (50/75 MVA) LT Tripped showing over Load relays Due to over Load	30.0MW load interrup.
14:01	21:07	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) HT Tripped showing Trip due to 86/96 relay relays Due to Trip due to 86/96 relay	30.0MW load interrup.
14:35	21:10	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) LT Forced S/D Due to GT-3 .33 kV incomer PT ( R -phase) Change	
14:35	21:07	Manikganj 132/33kV S/S 132/33 kV Transformer GT-3 (50/75 MVA) LT Forced S/D Due to GT-3 .33 kV incomer PT ( R -phase) Change	
15:30		Sreepur 230/132 kV T-1, T-2 33kV incomer tripped due to PBS-5 feeder CT burst.	20MW load interrup.
15:40	18:32	BIPTC S/S 20DF24 Tripped showing 21R relays.	
15:40	18:32	BIPTC S/S 20DF24 Tripped showing 21R relays.	
15:40	18:32	BIPTC S/S 20DF24 Tripped showing 21R relays.	
15:43	18:05	Sreepur 230/132/33kV S/S 132/33 kV T-2 LT Tripped showing 86.1 & 86.2 relay operate relays Due to Due to pbs 33 kV feeder CT blast	10.0MW load interrup.
15:43	18:05	Sreepur 230/132/33kV S/S 132/33 kV T-1 LT Tripped showing relay operate 86.1 & 86.2 relays Due to Due to pbs 33kV feeder CT blast.	10.0MW load interrup.
16:46		Aminbazar 400/230/132kV S/S 132 kV Bus 01 is restored.	
16:47		Aminbazar 400/230/132kV S/S ATR-02 HT is restored.	
17:07		Aminbazar 400/230/132kV S/S ATR-02 LT is restored.	
17:38	18:32	BIPTC S/S 20DF24 Forced S/D Due to Because of tripped.	
17:38	18:43	Jhenaidah-Magura 132 kV Ckt-2 Tripped from Jhenaidah 132/33kV end showing Distance Trip Z1 A-C & N, 12.59kM relays Due to Distance Trip Z1 A-C & N, 12.59kM	
17:43	18:47	Sreepur 230/132/33kV S/S Sreepur-Sitaganj Ckt-2 Forced S/D Due to Instructed by NLDC	
18:05		Sreepur 230/132 kV T-1, T-2 33kV incomer was switched ON.	
19:29		Chowmuhani 132/33kV S/S HFPL line is restored.	
21:00		Evening peak generation 12183 MW.	
21:08	22:56	Rajshahi 132/33kV S/S Transformer T-2(415T) LT Forced S/D Due to Transformer T-2 33 kV BUS Connector (R-Phase) Red hot Maintenance Work.	15.0MW load interrup.
21:10	22:48	Rajshahi 132/33kV S/S Transformer T-2(415T) HT Forced S/D Due to Transformer T-2 33 kV BUS Connector (R-Phase) Red hot Maintenance Work.	15.0MW load interrup.
21:32	03:30	Saidpur 132/33kV S/S TR-01 HT Forced S/D Due to requested by XEN 20MW.Gt. for emergency maintenance.	
00:01	23:18	Chandpur 132/33kV S/S 115MW CPCL Power Plant Incomer (L5) is restored.	
02:40		Chandpur 115 MW PP was synchronized.	
02:40		Barishal 230/132kV S/S ATR-2 LT Tripped showing RET670 relays Due to Mechanical prot trip	
02:40		Barishal 230/132kV S/S ATR-2 HT Tripped showing REC670 relays Due to TR prot trip	
05:17		Rampal 400/230kV S/S Star-Up Transformer (SUT) HT Project Work S/D Due to internal work	
06:06		Bakulia 132/33kV S/S T-3 (422T) LT Scheduled S/D Due to T-03 y-phase Loop change work.	
06:07		Bakulia 132/33kV S/S T-3 (422T) HT Scheduled S/D Due to T-03 y-phase Loop change work.	
06:16		Joypurhat 132/33kV S/S Transformer T-3 (427 T) LT Scheduled S/D Due to Development Work implementation by Joypurhat PBS	7.0MW load interrup.
06:17		Joypurhat 132/33kV S/S Transformer T-4 (437 T) LT Scheduled S/D Due to Development Work implementation by Joypurhat PBS	7.0MW load interrup.
06:19		Joypurhat 132/33kV S/S Transformer T-3 (427 T) HT Scheduled S/D Due to Development Work implementation by Joypurhat PBS	7.0MW load interrup.
06:20		Joypurhat 132/33kV S/S Transformer T-4 (437 T) HT Scheduled S/D Due to Development Work implementation by Joypurhat PBS	7.0MW load interrup.
06:23		Bhola Nutan Biddyt GT-1 was synchronized	
06:50		Bhulta-Narsingdi 132 kV Ckt-1 Scheduled S/D from Bhulta 132/33kV end Due to Red hot maintenance for Narsingdi Circuit.	
06:51		Dohazari-Sikalbaha 132 kV Ckt-2 Project Work S/D from Dohazari 132/33kV end Due to Shikalbaha-02 GCB Installation *Power expressed through Dohazari X-4er BUS from Shikalbaha-01 to Cox'sBazar-01 line. and from Shikalbaha 230/132kV end.	50.0MW load interrup. Dohazari 132/33kV end.
06:54		Cox'sbazar-Dohazari 132 kV Ckt-2 Scheduled S/D from Cox'sbazar 132/33kV end Due to Due to Maintenance works of Dohazari main bus.	
07:00		Minimum generation: 9975 MW	
07:09		Jashore 132/33kV S/S T-1 LT Scheduled S/D Due to BSCIC 33kV Breaker/Isolator Replacement	50.0MW load interrup.
07:10		Jashore 132/33kV S/S T-1 HT Scheduled S/D Due to BSCIC 33kV Breaker/Isolator Replacement	50.0MW load interrup.
07:13		Bhulta 132/33kV S/S GT1 HT Scheduled S/D Due to Red hot maintenance for GT1 Tx.	30.0MW load interrup.
07:42		Dohazari-Sikalbaha 132 kV Ckt-1 Project Work S/D from Dohazari 132/33kV end Due to Shikalbaha-02 GCB Installation. Shik-01 GCB Only open at Dohazari end. Power expressing from Shik-01 to Cox-01 line to Cox's Bazar Grid.07:42 is the Dohazari Main BUS SD time.	50.0MW load interrup. Dohazari 132/33kV end.

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle