

POWER GRID COMPANY OF BANGLADESH LTD.									
NATIONAL LOAD DESPATCH CENTER									
DAILY REPORT									
Reporting Date :								23-Sep-23	
15648.021:00 Hrs on 19-Apr-23									
The Summary of Yesterday's22-Sep-23Generation & DemandToday'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 : 16200	
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		-		at -				Energy	
Water Level of Kaptai Lake at 6:00 A M on 108.22 FL(MSL) , 23-Sep-23 Rule curve : 104.08 FL (MSL)									
Gas Consumed :		Total = 1042.25 MMCFD.		Oil Consumed (PDB) :				HSD : FO :	
If the Consumed Fuel (PDB+Pvt) :		Gas : Tk153,815,400		Coal : Tk558,649,491		Oil : Tk216,702,043		Total : Tk929,166,934	
Load Shedding & Other Information									
Area		Yesterday		Estimated Demand (S/S end)		Today		Rules of Shedding (On Estimated Demand)	
		MW		MW		Estimated Shedding (S/S end)		MW	
Dhaka		0		0:00		4858		0	
Chittagong Area		0		0:00		1336		0	
Khulna Area		0		0:00		1873		0	
Rajshahi Area		0		0:00		1628		0	
Cumilla Area		0		0:00		1339		0	
Mymensingh Area		0		0:00		996		0	
Sylhet Area		0		0:00		558		0	
Barisal Area		0		0:00		466		0	
Rangpur Area		0		0:00		910		0	
Total		0		13965		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) Shajibazar 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		Restore		Remark					
Time		Time							
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.					
08:56		09:23		Purbasadipur 132/33kV S/S T-1 Transformer (403T) LT Tripped showing ALSTHOM relays.					
08:56		09:04		Purbasadipur 132/33kV S/S T-3 Transformer (423T) LT Tripped showing ALSTHOM relays.					
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					
12:04		12:22		Bhaluka-Mymensingh 132 kV Ckt-1 Tripped from Bhaluka 132/33kV end showing Relay: 86.1 & 86.2 relays.					
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.					
12:05				Ashuganj - kishoreganj line-2 tripped at 12:05 showing Distance Relay. At the same time Bhaluka - Sipur 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				Bibiyan-3 400MW tripped.					
12:30				Bibiyan-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					
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					
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					
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					
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					
15:39				Sreepur 230/132 kV T-1, T-2 33kV incomer tripped due to PBS-5 feeder CT burst.					
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					
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.					
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-Siralganj 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.					
21:00		19:29		Chowmuhan 132/33kV S/S HFPL line is restored.					
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 .					
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 .					
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.					
23:18				Chandpur 132/33kV S/S 115MW CPGL Power Plant Incomer (L5) is restored.					
00:01				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 Start-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					
06:17				Joypurhat 132/33kV S/S Transformer T-4 (437 T) LT Scheduled S/D Due to Development Work implementation by Joypurhat PBS					
06:19				Joypurhat 132/33kV S/S Transformer T-3 (427 T) HT Scheduled S/D Due to Development Work implementation by Joypurhat PBS					
06:20				Joypurhat 132/33kV S/S Transformer T-4 (437 T) HT Scheduled S/D Due to Development Work implementation by Joypurhat PBS					
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-Shikabaha 132 kV Ckt-2 Project Work S/D from Dohazari 132/33kV end Due to Shikabaha-02 GCB Installation					
				*Power expressed through Dohazari X-fer BUS from Shikabaha-01 to Cox'sBazar-01 line. and from Shikabaha 230/132kV end.					
06:54				Dohazari 132/33kV end.					
				Cox'sbazar-Dohazari 132 kV Ckt-2 Scheduled S/D from Coxsbazar 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					
07:10				Jashore 132/33kV S/S T-1 HT Scheduled S/D Due to BSCIC 33kV Breaker/Isolator Replacement					
07:13				Bhulta 132/33kV S/S GT1 HT Scheduled S/D Due to Red hot maintenance for GT1 Tx.					
07:42				Dohazari-Shikabaha 132 kV Ckt-1 Project Work S/D from Dohazari 132/33kV end Due to Shikabaha-02 GCB Installation					
				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.					
Sub Divisional Engineer Network Operation Division				Executive Engineer Network Operation Division				Superintendent Engineer Load Despatch Circle	