

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

Reporting Date : 10-Sep-23

Till now the maximum generation is :-

		9-Sep-23	15648.0			21:00	Hrs on	19-Apr-23		
		Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand				
Day Peak Generation :		12009.0	MW	Hour :	12:00	Min. Gen. at	8:00	11792		
Evening Peak Generation :		14763.0	MW	Hour :	21:00	Available Max Generation		16167		
E.P. Demand (at gen end) :		15000.0	MW	Hour :	21:00	Max Demand (Evening) :		15500		
Maximum Generation :		14763.0	MW	Hour :	21:00	Reserve(Generation end)		667		
Total Gen. (MKWH) :		300.45		System Load Factor :	84.80%	Load Shed		0		

		EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR				1050	MW	at	22:00	Energy
Export from East grid to West grid :- Maximum										
Import from West grid to East grid :- Maximum										

Actual :	106.34	Water Level of Kaptai Lake at 6:00 A M on	10-Sep-23	FL(MSL) :		Rule curve :	101.07	FL(MSL)		
----------	--------	---	-----------	-----------	--	--------------	--------	-----------	--	--

Gas Consumed :	Total =	1124.76	MMCFD.	Oil Consumed (PDB) :		HSD :		FO :		
----------------	---------	---------	--------	----------------------	--	-------	--	------	--	--

Cost of the Consumed Fuel (PDB+PV) :		Gas :	Tk158,366.978	Coal :	Tk643,843,712	Oil :	Tk518,637,133	Total :	Tk1,320,847,824	
--------------------------------------	--	-------	---------------	--------	---------------	-------	---------------	---------	-----------------	--

Load Shedding & Other Information

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	Estimated Demand (S/S end)	Estimated Shedding (S/S end)	MW	
Dhaka	5	0:00	5019	0	0%
Chittagong Area	52	0:00	1382	0	0%
Khulna Area	0	0:00	1937	0	0%
Rajshahi Area	0	0:00	1684	0	0%
Cumilla Area	42	0:00	1385	0	0%
Mymensingh Area	45	0:00	1031	0	0%
Sylhet Area	40	0:00	577	0	0%
Barisal Area	0	0:00	481	0	0%
Rangpur Area	42	0:00	942	0	0%
Total	226		14438	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) Baghabar-71,100 MW 5) Raazan unit-2 6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:14		Bashkhali SS Power Unit-2 tripped.	
08:28		Jashore 132/132kV S/S T-3 LT Project Work S/D Due to Shifting new transformer 3.	
09:30	08:38	Rampur 230/132/33 S/S TR-1 LT is restored.	
09:31	10:40	Feni 132/33kV S/S T-2 HT Forced S/D Due to Red hot maintenance 33kV side R phase bushing of 132/33kV Transformer T-02.	
09:58	13:01	Kabirpur - Manikganj - 132kV Ckt-2 Scheduled S/D from Manikganj 132/33kV end Due to Red hot Maintenance.	
	11:29	Haliashahar 132/33kV S/S TR-1 HT S/D Due to 33kV Side Red Hot maintenance by BPDB .	
	11:07	Aminbazar 400/230/132kV S/S 230/132kv Tr-02 HT is restored.	
	11:10	Aminbazar 400/230/132kV S/S 132 kv Bus 01 Scheduled S/D Due to String repairing	
	11:13	Aminbazar 400/230/132kV S/S 230/132kv Tr-02 LT Scheduled S/D Due to Isolator repairing	
	11:18	Bashkhali SS Power Unit-2 was sync.	
	11:31	Natore 132/33kV S/S TR-4 (435 T) HT Scheduled S/D Due to Oil changing of OLTC	
	11:35	Chandraghona-Kaptai 132 kV Ckt-2 Tripped from Chandraghona 132/33kV end showing REL670 relays.	
	11:36	Haliashahar 132/33kV S/S 413T(TR-2) HT Scheduled S/D Due to TR LT side loop nut bolt red hot work by BPDB	
	12:04	Ashugonj (South) - Ashugonj 230 KV Ckt-2 was Shutdown.	
	12:14	Ashugonj-Ashuganj S 230 kV Ckt-2 Forced S/D from Ashuganj 230/132/33kV end Due to maintenance work of ground wire.	
	12:15	Ashugonj-Ghorasal 230kV Ckt-2 was Shutdown.	
	12:36	Patuakhali-Payra 132kV Ckt-2 is restored.	
	12:36	Patuakhali-Payra 132kV Ckt-1 is restored.	
	12:52	Patuakhali 132/33kV S/S UPPL (150MW) 132kV LINE is restored.	
	12:53	Sirajgonj-3 ST was sync.	
	12:55	Barishal-Patuakhali(Barguna T at Bakergonj) 132 kV Ckt is restored.	
	14:16	Kishoreganj-Mymensingh 132kV Ckt-2 S/D from Mymensingh end Due to ROW Safety Purposes of 132kV -Mymensingh-Kish	
	15:13	Liner Tower No 282	
	14:24	Bashkhali SS Power Unit-2 was sync.	
	14:38	Hariপুর-Meghnaghat 230kV Ckt-1 is restored.	
	14:43	Manikganj 132/33kV S/S 132/33 kv Transformer GT-2(35/50MVA) LT is restored.	
	16:11	Bashkhali SS Power Unit-2 tripped.	
	16:15	Bashundhara-Tongi 132 kV Ckt-1 S/D from Tongi end Due to High Temperature Maintenance Work at Overhead line DS.	250 MW generation interruption
	18:59	Hathazari 230/132/33kV S/S T-01 HT is restored.	
	17:46	Sylhet 132/33kV S/S T4 LT Tripped showing 51/50 relays Due to Over Load	
	18:15	Bashkhali SS Power unit-2 was sync.	
	19:27	Siddhirganj GT-1 was shutdown due to gas shortage.	
	22:57	Gulsan-Rampura 132kV Ckt-2 Tripped from Rampura end showing 1) INS. over current, Earth fault. 2) Distance Trip: Zone-1, B-ph. #01f. Trip-T, BFP Receive DTT, DEF signal send. 3) Master Trip 86T1, 86T2, 86T3, 86T4. relays Due to B-ph U/G cable pothead burst and from Gulshan 132/33kV end showing REL316'4 relays.	600 MW generation interruption
00:46		Siddhirganj GT- 2 was sync.	
01:04		SS Power unit-2 was forced shutdown due to load rejection test	
01:22		Siddhirganj GT-2 was shut down due to gas shortage	
03:08		Bibiyana South 400 MW ST was sync.	
03:35		SS Power U-2 was sync.	
05:28			

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle