

POWER GRID COMPANY OF BANGLADESH LTD. NATIONAL LOAD DESPATCH CENTER DAILY REPORT									
Till now the maximum generation is :-				15648.0	21:00 Hrs on 19-Apr-23		Reporting Date : 15-Oct-23		
The Summary of Yesterday's		14-Oct-23	Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand				
Day Peak Generation :		11230.0 MW	Hour :	12:00	Min. Gen. at	6:00		10321	
Evening Peak Generation :		13639.0 MW	Hour :	19:00	Available Max Generation :			14937	
E.P. Demand (at gen end) :		13720.0 MW	Hour :	19:00	Max Demand (Evening) :			14500	
Maximum Generation :		13639.0 MW	Hour :	19:00	Reserve(Generation end) :			437	
Total Gen. (MKWH) :		282.186	System Load Factor : 86.21%		Load Shed :			0	
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR									
Export from East grid to West grid :- Maximum				216 MW	at	19:30	Energy		
Import from West grid to East grid :- Maximum				-		-	Energy		
Actual :		Water Level of Kaptai Lake at 6:00 A M on 106.31	FL(MSL) :	15-Oct-23	Rule curve :	107.20	FL (MSL) :		
Gas Consumed :		Total =	1088.94	MMCfD.		Oil Consumed (PDB) :		HSD :	
								FO :	
Cost of the Consumed Fuel (PDB+Pvt) :			Gas :	Tk153,451,092					
			Coal :	Tk497,615,332		Oil :	Tk454,091,382	Total :	Tk1,105,157,806
Load Shedding & Other Information									
Area		Yesterday		Estimated Demand (S/S end)		Today		Estimated Shedding (S/S end)	
		MW		MW		MW		Rates of Shedding (On Estimated Demand)	
Dhaka		0	0:00	4858		0		0%	
Chittagong Area		0	0:00	1336		0		0%	
Khulna Area		0	0:00	1873		0		0%	
Rajshahi Area		0	0:00	1628		0		0%	
Cumilla Area		0	0:00	1339		0		0%	
Mymensingh Area		77	0:00	996		0		0%	
Sylhet Area		0	0:00	558		0		0%	
Barisal Area		0	0:00	466		0		0%	
Rangpur Area		0	0:00	910		0		0%	
Total		77		13965		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) Raozan unit-2 6) Siddhirganj 210 MW .				
Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.							Remark
Time	Time								
	08:08	Natore-Rajshahi 132kV Ckt-1 is restored.							
	08:10	Natore-Rajshahi 132kV Ckt-2 is restored.							
	08:13	Rajshahi-Rajshahi(New) 132kV Ckt-1 is restored.							
	08:14	Rajshahi-Rajshahi(New) 132kV Ckt-2 is restored.							
	08:14	HVDC Bheramera- Rajshahi 230kV Ckt-2 is restored.							
08:26	11:00	Madanganj 132/33kV S/S Madanganj -Summit 102 MW 132 kv Ckt Scheduled S/D Due to Red Hot maintenance.							
08:27	17:15	Barapukuria-Bogura 230 kv Ckt-1 Scheduled S/D from Bogura 230/132kV end Due to Annual Maintenance.							
	08:30	Rajshahi 132/33kV S/S 132 kv PPP 50 Mw is restored.							
	08:36	Rajshahi 132/33kV S/S 132 kv RPP 50 Mw is restored.							
08:43		Jaldhaka 132 kv Bus-Coupler Breaker S/D due to A/M.							
	08:44	Bhulta-Narsingdi 132 kV Ckt-1 is restored.							
08:46	14:25	Palashbari 132/33kV S/S BUS-B Scheduled S/D Due to Annual Maintenance.							
08:47	16:58	Jamalpur-Mymensingh 132kV Ckt-1 Scheduled S/D from Jamalpur 132/33kV end Due to Annual Maintenance.							
08:49	09:04	Khagrachari-Rangamati 132kV Ckt-1 Tripped from Rangamati 132/33kV end showing REL670 relays Due to May be rural peoples cutting trees and fall down over the 132kV line and from Khagrachori 132/33kV end showing REL670 relays.							
	09:01	Faridpur 132/33kV S/S Transformer-1 LT Scheduled S/D Due to 132 kv bus protection.							
	09:01	Faridpur 132/33kV S/S Transformer-1 HT Scheduled S/D Due to 132 kv bus protection.							
	09:12	Barapukuria-Bogura 230 kv Ckt-2 Project Work S/D from Barapukuria 230/132/33kV end.							
	09:34	Khulna(S) 230/132kV S/S TR-3 LT Scheduled S/D Due to Annual Maintenance Work.							
09:35	15:37	Khulna(S) 230/132kV S/S TR-3 HT Scheduled S/D Due to Annual Maintenance Work.							
	09:53	Mirpur-Uttara 3PH 132kV Ckt-1 is restored.							
10:06	16:11	Mongla 132/33kV S/S T-1 LT Scheduled S/D Due to Annual Maintenance.							
10:06	10:24	Mongla 132/33kV S/S T-2 LT Tripped showing Under frequency relays Due to Under frequency.							23 MW load interrup.
10:24	16:10	Mongla 132/33kV S/S T-1 HT Scheduled S/D Due to Annual maintenance.							
10:25	12:39	Saidpur 132/33kV S/S RPC Bank-02 Scheduled S/D Due to As the instructions of ALDC Bogura and QF-GMD-39.							
	10:58	Unique Meghnaghat Power 584 MW CCPP GT was sync.							
11:25	12:45	Siddhirganj 132/33kV S/S 120MW EGCB GT2 Scheduled S/D Due to Schedule Maintenances Work.							
		Mirpur-Uttara 3PH 132kV Ckt-1 Forced S/D from Mirpur 132/33kV end Due to Uttara 132kV line DS of R-phase male part & female part repairing works.							
	11:35	Kishoreganj 132/33kV S/S Tr-1 (404T) HT is restored.							
	11:35	Kishoreganj 132/33kV S/S Tr-1 (404T) HT is restored.							
	11:37	Kishoreganj 132/33kV S/S Tr-3 (424T) HT is restored.							
	11:37	Kishoreganj 132/33kV S/S Tr-3 (424T) HT is restored.							
	11:37	Kishoreganj 132/33kV S/S Tr-3 (424T) HT is restored.							
11:52	13:58	Rajbari 132/33kV S/S Transformer-1 LT Scheduled S/D Due to Annual maintenance work.							
11:53	13:56	Rajbari 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Annual maintenance work.							
12:40	14:52	Faridpur 132/33kV S/S Transformer-2 LT Project Work S/D Due to 132 kv bus protection.							
12:40	14:50	Faridpur 132/33kV S/S Transformer-2 HT Project Work S/D Due to 132 kv bus protection.							
	15:11	Khulna (C) S/S Tr-2 415 T HT is restored.							
	15:12	Khulna (C) S/S Tr-2 415 T LT is restored.							
	15:42	Ashuganj 230/132/33kV S/S 132 kv Busbar-2 is restored.							
15:47		Jaldhaka 132 kv Bus-Coupler Breaker shut down due to A/M.							
16:22	17:29	Hasnabad 132/33kV S/S 132/33kV 424 T-5 LT Tripped showing Trip relay relays.							
16:22	17:29	Hasnabad 132/33kV S/S 132/33kV 424 T-5 HT Tripped showing Trip relay relays.							
	16:28	Rampura 230/132kV S/S NLDC Trafo LT is restored.							
16:30		Bibiyan South 400 MW CCPP was forced shutdown due to exhaust diffuser maintenance work.							
16:46		NLDC control room lost all power including backup UPS. All the Computers and SCADA system stopped working at the same time.							
16:46		DESCO 33kV Aftabnagar feeder tripped due to earth fault.							
19:14		Full Interruption occurred under Mirpur 132/33 kv grid S/S and Uttara 132/33 kv grid S/S due to tripping of Mirpur-Aminbazar 132 kv ckt-1 & 2 caused by Mirpur- Uttara ckt R-phase CVT burst.							
19:14	19:39	Aminbazar-Mirpur 132kV Ckt-2 Tripped from Aminbazar 400/230/132 kv end showing Dist Trip R,S,Tzone 3 relays.							
19:14	19:58	Aminbazar-Mirpur 132kV Ckt-1 Tripped from Aminbazar 400/230/132 kv end showing Dist Trip R,S,Tzone 3 relays.							
19:18		Mirpur-Uttara 3 phase 132kV Ckt-1 Forced S/D from Mirpur 132/33 kv end Due to Emergency SD taken due to CVT Blast on 132 KV Mirpur-Uttara Ckt.							
19:18		Mirpur-Uttara 132kV Ckt-1 Forced S/D from Mirpur 132/33 kv end Due to 132 KV R-PH CVT Blast.							
19:40		Mirpur 132 kv grid S/S was restored by switching ON Mirpur- Aminbazar ckt-2.							
		Meghnaghat 400 kv 408-Bay was switched ON.							
00:47		Unique Meghnaghat Power 584 MW CCPP GT was shutdown due to gas shortage.							
04:48	05:12	Mithapukur 132/33kV S/S TR-1(404T) LT Tripped showing Non directional o/c operated. (R phase) relays.							12 MW load interrup.
04:58	05:12	Mithapukur 132/33kV S/S TR-2 (414T) LT Tripped showing Non directional o/c operated. (R phase) relays.							
	05:02	Khulna 330 MW CCPP GT was sync.							
05:39		Aminbazar 400/230/132kV S/S 230/132kv Tr-02 LT Scheduled S/D Due to hot spot removing.							
05:40		Aminbazar 400/230/132kV S/S 230/132kv Tr-02 HT Scheduled S/D Due to HOT SPOT REMOVING.							
05:55		Haripur 230/132kV S/S Auto TR-3 LT Scheduled S/D Due to Red hot Maintenance .							
05:55		Haripur 230/132kV S/S Auto TR-3 HT Scheduled S/D Due to Red hot Maintenance.							
06:49		Aminbazar 400/230/132kV S/S 132 kv Bus 02 Scheduled S/D Due to HOTSPOT REMOVING.							
06:59		Ashuganj 230/132/33kV S/S 132kv Busbar-1 Scheduled S/D Due to OAT-12(132kv) Busbar-1 bay upgradation.							
07:33		Keraniganj 230/132/33kV S/S TR-1 LT Scheduled S/D Due to high temp.maintenance at 33kv side at several point.							
07:34		Keraniganj 230/132/33kV S/S TR-1 HT Scheduled S/D Due to High Temperature maintenance .							
07:37		Barapukuria-Bogura 230 kv Ckt-2 Scheduled S/D from Bogura 230/132kV end.							
Sub Divisional Engineer Network Operation Division		Executive Engineer Network Operation Division				Superintendent Engineer Load Despatch Circle			