

POWER GRID COMPANY OF BANGLADESH LTD. NATIONAL LOAD DESPATCH CENTER DAILY REPORT									
Till now the maximum generation is :-				15304.0	21:00 Hrs on 13-Apr-23		Reporting Date : 16-Apr-23		
The Summary of Yesterday's		15-Apr-23	Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :			12715.0	MW	Hour :	12:00	Min. Gen. at	2:00	12010
Evening Peak Generation :			13969.0	MW	Hour :	21:00	Available Max Generation :		14999
E.P. Demand (at gen end) :			15000.0	MW	Hour :	21:00	Max Demand (Evening) :		16000
Maximum Generation :			14104.0	MW	Hour :	22:00	Reserve(Generation end)		-
Total Gen. (MkWh) :			301.2		System Load Factor	-	88.99%	Load Shed	922
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR									
Export from East grid to West grid :- Maximum						280	MW	at	6:00
Import from West grid to East grid :- Maximum								at	-
Actual :		Water Level of Kaptai Lake at 6:00 A M on 16-Apr-23		Rule curve :		85.20		FL (MSL)	
Gas Consumed :		Total = 1039.46 MMCFD.		Oil Consumed (PDB) :		HSD :		FO :	
Cost of the Consumed Fuel (PDB+Pvt) :		Gas : Tk155,930,223		Coal : Tk311,641,960		Oil : Tk1,234,622,848		Total : Tk1,702,195,030	
Load Shedding & Other Information									
Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)		
	MW	0:00	MW		MW				
Dhaka	60	0:00	4869		180		4%		
Chittagong Area	80	0:00	1351		125		9%		
Khulna Area	170	0:00	1777		150		8%		
Rajshahi Area	120	0:00	1569		135		9%		
Cumilla Area	120	0:00	1339		110		8%		
Mymensingh Area	195	0:00	1101		112		10%		
Sylhet Area	80	0:00	497		40		8%		
Barisal Area	35	0:00	401		0		0%		
Rangpur Area	90	0:00	870		70		8%		
Total	950		13774		922				
Information of the Generating Units under shut down.									
Planned Shut-Down					Forced Shut-Down				
					1) Barapukuria ST: Unit- 1,2 2) Ghorasal-3 3) Bhula Nuton Biddut 4) Baghabari-100 MW & 71 MW 5) Raocan unit-1,2 6) Siddhirganj 210 MW . 7) Shajibazar 330 MW 8) Sirajganj-2 & 3 9) Barishal 307 MW				
Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.							Remark
08:08	08:05	Shajibazar 132/33kV S/S TR-04 HT is restored.							
08:09	10:18	Jashore 132/33kV S/S T-1 LT Forced S/D Due to T1 transformer red hot maintenance							
08:19	10:18	Jashore 132/33kV S/S T-1 HT Forced S/D Due to T1 transformer red hot maintenance							
08:29	08:19	Jaldah-Shahmirpur 132kV Ckt-2 is restored.							
08:40		Siddhirganj GT-1 was sync.							
08:58		Raocan unit-1 was sync.							
08:58	08:58	Ashuganj-Ghorasah 132kV ckt-2 was scheduled S/D							
09:03	08:58	BIPTC S/S 21T01 HT is restored.							
09:07	09:03	BIPTC S/S 21T01 LT is restored.							
09:08	09:07	Kaliyapur 132/33kV S/S GT-2 (132kV) HT is restored.							
09:08	09:08	Kaliyapur 132/33kV S/S GT-2 (132kV) LT is restored.							
09:08	09:08	Rajshahi 132/33kV S/S Transformer T-1(405T) LT is restored.							
09:09	09:08	Rajshahi 132/33kV S/S Transformer T-1(405T) HT is restored.							
09:09	09:09	Rajshahi 132/33kV S/S Transformer T-2(415T) HT is restored.							
09:15	09:09	Rajshahi 132/33kV S/S Transformer T-2(415T) LT is restored.							
09:15	09:15	Rajshahi 132/33kV S/S Transformer T-3 (425T) LT is restored.							
09:20	09:15	Rajshahi 132/33kV S/S Transformer T-3 (425T) HT is restored.							
10:33	09:20	Shajibazar 132/33kV S/S TR-04 LT is restored.							
10:33	11:58	Rajshahi 230/132/33kV S/S T-01 (406T) HT Forced S/D							
10:39	11:58	Rajshahi 230/132/33kV S/S T-01 (406T) LT Forced S/D							
10:39	11:16	Joydebpur 132/33kV S/S GT-2 HT Forced S/D Due to High temperature maintenance.							40.0MW load interrup.
10:45	10:45	Barishal 230/132kV S/S T-5 HT is restored.							
10:53	10:48	Barishal 230/132kV S/S T-5 LT is restored.							
10:53	16:49	Baghabari-Sirajganj 230 kV Ckt-2 Tripped from Baghabari 230/132kV end showing 1. General trip2. Dist trip-L-13. Dist trip L-24. Dist trip L-35. AR blocked6. Zone 17. 67N main-2 relays. and from Sirajganj 230 end showing Main-01 and Main-02 relays Due to Trip							
11:08	11:00	Sirajganj 132/33kV S/S T4-(445) HT is restored.							
11:20	11:01	Sirajganj 132/33kV S/S T4-(445) LT is restored.							
11:20	12:19	Ashuganj-Ghorasah 132kV ckt-2 is restored.							
11:21	12:19	Brahmanbaria 132/33kV S/S 403T LT Forced S/D Due to Bus section -5 maintenance work by PDB division -1.							
11:33	12:30	Brahmanbaria 132/33kV S/S Aux. Tr-2 (PGCB) LT Forced S/D Due to Bus section -5 maintenance work by PDB division -1.							
12:00	11:20	Feni 132/33kV S/S T-1(405T) HT is restored.							
12:00	12:19	Brahmanbaria 132/33kV S/S 403T HT Forced S/D Due to Bus section -5 maintenance work by PDB division -1.							
12:00	11:33	Shikabaha 225MW was shutdown due to air filter change.							
12:41	12:16	Day Peak Gen. 12716 MW							
13:15	12:17	Khulna (C) S/S Tr-3 405T HT is restored.							
13:36	13:00	Khulna (C) S/S Tr-3 405T LT is restored.							
13:36		Bashkhali-Matarbari 400kV ckt-1 was charged from Bashkhali end							
13:50		Hathazari 230/132/33kV S/S Rajganj-02 is restored.							
14:04		Matarbari 400kV bus-2 was charged							
16:42		Matarbari 400/23.5kV GSUT-1(750MVA) Transformer was charged							
16:42		Matarbari 400/23.5 kV 750 MVA T-1 xfr switched on for the first time							
16:42		Matarbari 400/11.5 kV 114 MVA SUT switched on for the first time.							
16:42		Aminbazar 400/230/132kV S/S Bus-2 Project Work S/D Due to 400/132 kV ATR loop connection							
16:42		Shikabaha 230/132kV S/S Hathazari - 01 Tripped showing Main-1 protection relay relays.							82.0MW load interrup.
16:42		Baroaila-KSRM 132 kV Ckt-1 Tripped from KSRM 132/33kV end showing Directional O/C. E/F relay relays Due to under frequency, grid failure!							15.0MW load interrup.
16:42		GPH 230/33kV S/S HATHAZARI-2 Tripped showing 86.1 Trip relay optd86.1 Trip relay optdF21.1 Dis. BlockF21.2 Dis. Block relays.							KSRM 1232/33 kV end.
16:42		Madunaghat 1400/230kV S/S ATR-01 LT Tripped showing RET 670 relays Due to Hathazari - Shikabaha Ckt -2 trip							4.0MW load interrup.
16:42		Madunaghat 1400/230kV S/S ATR-01 HT Tripped showing RET670 relays Due to Hathazari - Shikabaha Ckt-2 Trip							4.0MW load interrup.
16:42		Baroihat-Hathazari 132 kV Ckt-1 Tripped from Baroihat 132/33kV end showing K34 & K34X relays Due to DISTANCE Trip phase R&Y at Zone-2							
16:42		Baroihat-Hathazari 132 kV Ckt-2 Tripped from Baroihat 132/33kV end showing K34 & K34X relays Due to DISTANCE Trip phase R&Y at Zone-2							
16:42		Hathazari-Madunaghat 132kV Ckt-2 Tripped from Madunaghat 132/33kV end showing REL-670 relays Due to General trip(zone-02(Rm),R,Y,B phase fault)							
16:42		Hathazari-Madunaghat 132kV Ckt-1 Tripped from Madunaghat 132/33kV end showing REL-670 relays Due to General trip(R,Y,B phase fault,zoom/WET Trip)							
16:42		Shikabaha 230/132kV S/S Hathazari-02 Tripped showing Main-1 protection relay relays.							82.0MW load interrup.
21:00		Evening Peak Generation = 13,969MW							
21:52		Rampura 230/132kV S/S 132 kV Busbar-1 Tripped showing 123kV bus-1 protection main"High impedance diff-BBP1/1A.BBP1/2A (c-phase)manual reser tripping"96A(B). 96B(B).96A(C)132kV busbar protection (Discriminating)bus-1 High impedance Diffe. BBP1/1B and BBp1/2B"96B(m) 96A(n) relays Due to GULshan ckt-1 CT Burst							
21:52		Gulsan-Rampura 132kV Ckt-1 Tripped from Rampura 230/132kV end showing GULshan -01 TEE-point." High impedance differential87 TEE-1 C phase (blue phase) relays Due to Blue phase CT Burst and from Gulsan 132/33kV end showing REL 316'4 relays Due to Rampura-gulshan 132 kv ckt-1 trip for the reason of CT burst end of Rampura side.							
22:59	23:45	Cumilla(N) 230/132/33kV S/S 132kV T-04 LT Forced S/D Due to Red hot remove.							40.0MW load interrup.
23:01	23:45	Cumilla(N) 230/132/33kV S/S 132kV T-04 HT Forced S/D Due to Red hot remove.							40.0MW load interrup.
23:01		Gulsan-Rampura 132kV Ckt-1 Forced S/D from Rampura 230/132kV end Due to GULshan -01 C T & uper conductor replace							
23:01		Gulsan-Rampura 132kV Ckt-1 Forced S/D from Rampura 230/132kV end Due to GULshan -01 C T & uper conductor replace							
23:04		Rampura 230/132kV S/S 132 kV Busbar-1 Forced S/D Due to Gulsan CT & uper loop conductor Replace.							
00:33		Ghorasal Unit-7 365 MW was sync. at 00:33 hrs.							
02:45		Siddhirganj CCGP 335MW GT was sync. at 02:45 hrs.							
03:47	03:25	Jamapur 132/33kV S/S T-1 LT Tripped showing IDMT-PH.IDMT-N.DTDC-PH.DTDC-N relays Due to 33kV Nandina & Gopalpur feeder E/F O/C fault, then T-1 & T-2 LT side trip							73.0MW load interrup.
03:47	03:25	Jamapur 132/33kV S/S T-2 LT Tripped showing IDMT-PH.IDMT-N.DTDC-PH.DTDC-N relays Due to 33kV Nandina & Gopalpur feeder E/F O/C fault, then T-1 & T-2 LT side trip							73.0MW load interrup.
05:55		Narail 132/33kV S/S Capacitor Bank Bay Scheduled S/D Due to 132 kv NCT Isolator replace							
06:00		Minimum Generation during the shift: 12121 MW							
Sub Divisional Engineer Network Operation Division			Executive Engineer Network Operation Division			Superintendent Engineer Load Despatch Circle			