

POWER GRID COMPANY OF BANGLADESH LTD. NATIONAL LOAD DESPATCH CENTER DAILY REPORT									
Reporting Date : 22-Feb-24									
Till now the maximum generation is :-									
The Summary of Yesterday's									
21-Feb-24		15648.0				21:00 Hrs on 19-Apr-23		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		9810.0 MW		Hour :		12:00		Min. Gen. at 5:00 7368	
Evening Peak Generation :		9940.0 MW		Hour :		19:00		Available Max Generation : 12291	
E.P. Demand (at gen end) :		9940.0 MW		Hour :		19:00		Max Demand (Evening) : 11000	
Maximum Generation :		10042.0 MW		Hour :		13:00		Reserve(Generation end) 1291	
Total Gen. (MKWH) :		219.189		System Load Factor :		90.95%		Load Shed 0	
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR									
Export from East grid to West grid :- Maximum				1020 MW		at 7:00		Energy	
Import from West grid to East grid :- Maximum								Energy	
Actual : Water Level of Kaptai Lake at 6:00 A M on 22-Feb-24									
84.75		Ft(MSL) ,		Rule curve :		94.05		Ft(MSL)	
Gas Consumed :		Total = 827.79 MMCFD.		Oil Consumed (PDB) :				HSD : FO :	
Cost of the Consumed Fuel (PDB+Pvt) :		Gas : Tk320,136,161		Coal : Tk470,586,149		Oil : Tk207,815,788		Total : Tk998,538,098	
Load Shedding & Other Information									
Area									
Yesterday		Estimated Demand (S/S end)				Today		Estimated Shedding (S/S end)	
MW		MW		MW		MW		Rates of Shedding (On Estimated Demand)	
Dhaka		0		3823		0		0%	
Chittagong Area		0		1046		0		0%	
Khulna Area		0		1464		0		0%	
Rajshahi Area		0		1271		0		0%	
Cumilla Area		0		1046		0		0%	
Mymensingh Area		0		778		0		0%	
Sylhet Area		0		437		0		0%	
Barisal Area		0		363		0		0%	
Rangpur Area		0		710		0		0%	
Total		0		10938		0		0%	
Information of the Generating Units under shut down.									
Planned Shut- Down						Forced Shut- Down			
						1) Barapukuria ST: Unit- 1,2 2) Ghorasal-3,5,7 3) Shajbazar 330 MW 4) Baghabari-71,100 MW 5) Razzan unit-2 6) Siddhirganj 210 MW . 7) Meghnaghat-450 MW .			
Outage									
Restore		Additional Information of Machines, lines, Interruption / Forced Load shed etc.							
Time		Remark							
08:18		16:51 Goalpara-Labanchura 132kV Ckt-2 Scheduled S/D from Goalpara 132/33kV end Due to Orion- Goalpara 132 kv line Shutdown by NW/PGCL.							
08:30		16:45 Bagerhat-Labanchura 132 kV Ckt-2 Scheduled S/D from Bagerhat 132/33kV end Due to Ordered By ALDC, KHULNA due to line maintenance work.							
08:35		08:34 Rampal 400/230kV S/S Generator Transformer-1 (GT-1) LT is restored.							
09:20		08:35 Rampal 400/230kV S/S Generator Transformer-1 (GT-1) HT is restored.							
12:00		12:28 Rampal 1320 MW (BIPPL) Synchronized with remarks:- U1							
12:48		11:25 Meghnaghat-Shyampur 230kV Ckt-2 Forced S/D from Shyampur 230/132kV end Due to Insulator disc cleaning and changing.							
12:50		Chandpur 132/33kV S/S 100MW(GT) Power Plant Incomer (T4) is restored.							
15:31		Day Peak Gen. 9810 MW							
15:31		15:28 Meghnaghat-Shyampur 230kV Ckt-1 Forced S/D from Shyampur 230/132kV end Due to Insulator disc cleaning and changing.							
15:53		Chandpur 132/33kV S/S 100MW(GT) Power Plant Incomer (T4) Scheduled S/D Due to For CB Testing purpose							
15:58		Kulaura 132/33kV S/S TR-1 HT Scheduled S/D Due to SF-6 Gas pressure is down							
16:00		Kulaura 132/33kV S/S TR-1 LT Scheduled S/D Due to SF-6 gas pressure is down.It's under maintenance							
16:01		Kulaura 132/33kV S/S 132 kV Bus-A Scheduled S/D Due to For maintenance							
16:37		17:47 Meghnaghat-Shyampur 230kV Ckt-2 Forced S/D from Shyampur 230/132kV end Due to Insulator disc changing Tower-22.							
17:09		16:00 Ghorasal-Tongi 230kV Ckt-1 Tripped from Tongi 230/132/33kV end showing Distance relay relays.							
17:45		16:00 Ghorasal-Tongi 230kV Ckt-1 Forced S/D from Tongi 230/132/33kV end Due to Maintenance							
18:33		16:01 Ghorasal-Tongi 230kV Ckt-1 Forced S/D from Tongi 230/132/33kV end Due to Maintenance							
18:36		16:16 Meghnaghat 230/132kV S/S Bus2 is restored.							
19:00		17:45 Aminbazar-Airport(Old) 230kV Ckt-2 is restored.							
06:00		18:33 Aminbazar-Meghnaghat 230kV Ckt-1 is restored.							
06:47		18:36 Aminbazar-Meghnaghat 230kV Ckt-2 is restored.							
06:47		evening peak Generation :9940 MW							
06:52		Minimum generation :7522 MW.							
07:12		07:10 Rampura 230/132kV S/S Auto Transformer - 01 LT Tripped showing N/A relays Due to Due to Basundhara ckt-01 Trip.							
07:40		07:07 Bashundhara-Rampura 132 kV Ckt-1 Tripped from Rampura 230/132kV end showing 1. Distance protection 21/1: Z1,CN.2. Master trip 86 T2, 86 T4.3. High Impedence Differential 87TEE2 (FDR) : A,C phase. relays.							
		Payra 400/132/33kV S/S 132/33 kv Transformer-03 HT Scheduled S/D Due to Emergency maintenance							
		Mankinagar-Siddhirganj 230kV Ckt-1 Scheduled S/D from Siddhirganj 230/132kV end Due to Due to 8 nos tower work							
		Daudkandi-Sonargaon 132 kV Ckt-2 Scheduled S/D from Daudkandi 132/33kV end Due to annual maintenance for Siddirgjon Substation and from Sonargaon 132/33kV end Due to Deadline checking work.							
		95.0MW load interrup. Tongi 230/132/33kV S/S end.							