

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			
The Summary of Yesterday's				16-May-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :				10144.0 MW		Hour :		12:00			
Evening Peak Generation :				11082.0 MW		Hour :		19:00			
E.P. Demand (at gen end) :				12000.0 MW		Hour :		19:00			
Maximum Generation :				11082.0 MW		Hour :		19:00			
Total Gen. (MKWH)				230.1		System Load Factor		86.50%			
						Load Shed					
Export from East grid to West grid > Maximum						432 MW		at 23:00			
Import from West grid to East grid > Maximum						-		-			
Water Level of Kaptai Lake at 6:00 A.M on 17-May-23						-		-			
Actual :		73.79		FL(MSL) :		-		-			
						Rule curve :		78.96 FL(MSL)			
Gas Consumed :		Total =		813.66 MMCFD.		Oil Consumed (PDB) :		HSD :			
								FO :			
Cost of the Consumed Fuel (PDB+Pvt) :				Gas :		Tk117,077.281					
				Coal :		Tk297,531.671		Oil : Tk743,719,366			
								Total : Tk1,158,328,317			
Load Sheddng & Other Information											
Area		Yesterday		Estimated Demand (S/S end)		Today Estimated Shedding (S/S end)		Rates of Shedding (On Estimated Demand)			
				MW		MW					
Dhaka		253		0:00		4211		0 0%			
Chittagong Area		91		0:00		1155		0 0%			
Khulna Area		0		0:00		1617		0 0%			
Rajshahi Area		0		0:00		1405		0 0%			
Cumilla Area		301		0:00		1156		0 0%			
Mymensingh Area		232		0:00		860		0 0%			
Sythet Area		0		0:00		482		0 0%			
Barisal Area		0		0:00		402		0 0%			
Rangpur Area		0		0:00		785		0 0%			
Total		877				12073		0 0%			
Information of the Generating Units under shut down.											
Planned Shut-Down						Forced Shut-Down					
						1) Barapukuria ST: Unit- 2 2) Ghoraal-3,7 3) Bhula Nuton Biddut 4) Baghabari-71,100 MW 5) Raoszan unit-2 6) Siddhirganj 210 MW . 7) Shajibazar 330 MW 8) Sirajganj- 2					
Outage		Restore		Additional Information of Machines, lines, Interruption / Forced Load shed etc.						Remark	
Time		Time									
08:54		10:15		Dhamrai 132/33kV S/S Transformer-1 HT Scheduled S/D Due to Redhot Maintenance							
08:59		21:30		Bogura-Bogura (New) 132 kV Ckt-1 Scheduled S/D from Bogura 230/132kV end.							
09:17		17:02		Faridpur 132/33kV S/S 132 kV 50MW Power Station ckt-1 Scheduled S/D Due to Scheduled Shutdown For power station.							
09:36				Keraniganj 230/132/33kV S/S TR-2 HT is restored.							
09:37				Keraniganj 230/132/33kV S/S TR-2 LT is restored.							
10:15				Dhamrai 132/33kV S/S Transformer-1 LT is restored.							
10:19				Dhamrai 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Redhot Maintenance							
10:20				Dhamrai 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Redhot Maintenance							
11:29				Chandraghona-Kaptai 132 kV Ckt-1 Forced S/D from Chandraghona 132/33kV end Due to Kaptai PS work							
12:00				Day peak generation: 10144 MW							
12:03		13:50		C.nawabganj-Rajshahi 132 kV Ckt-1 Scheduled S/D from Rajshahi 230/132/33kV end Due to Line DS Nut bolt tiling							
13:26		15:43		Daudkandi 132/33kV S/S Transformer-3 LT Forced S/D Due to 33 kv side cable maintenance work							
13:26		15:42		Daudkandi 132/33kV S/S Transformer-3 HT Forced S/D Due to 33 kv side cable maintenance work							
13:52		14:53		Sherpur 132/33kV S/S Transformer- 02 HT Forced S/D Due to SPBS Bay-03 33 Kv Bus side Red hot						16.0MW load interrup.	
13:52		14:54		Sherpur 132/33kV S/S Transformer- 02 LT Forced S/D Due to SPBS Work							
13:59		20:41		Bogura 230/132kV S/S 132kV Main 1 Forced S/D							
15:31				Bhola CAPP GT1 was sync.							
16:04		16:10		Chhatak 132/33kV S/S T-1 HT Tripped showing Neutral E/F Relay (50/51N), Trip Relay(50I),Lockout Relay(86X) relays.							
16:04		16:10		Chhatak 132/33kV S/S T-1 LT Tripped showing ----- relays Due to 33kv Sunanganj Feeder Fault							
16:47		17:03		Chhatak-Syhet 132 kV Ckt-2 Tripped from Syhet 132/33kV end showing Distance Protection trip, Zone-1,A-Phase relays.							
17:30				Meghnaghat CAPP 450MW GT1 was sync.							
18:18		19:32		Mithapukur-Rangpur Confidence(100MW) 132kV Ckt-1 Forced S/D from Mithapukur 132/33kV end Due to Over loading							
18:18		19:23		Mithapukur-Rangpur Confidence(100MW) 132kV Ckt-2 Forced S/D from Mithapukur 132/33kV end Due to Over loading							
18:41		19:10		Naogon 132/33kV S/S T-3 LT Tripped showing over current, relays Due to stormy weather and thundering.						42.0MW load interrup.	
18:41		20:26		Naogon 132/33kV S/S T-2 LT Tripped showing Over current relays Due to stormy weather and thundering.						36.0MW load interrup.	
18:41		20:45		Naogon 132/33kV S/S T-1 LT Tripped showing Over current relay, relays Due to stormy weather and thundering.							
18:45		19:16		Jhenaidah 132/33kV S/S Transformer T-2 LT Tripped showing 50/51 OC- 3 phase- B1 relays Due to => গাউন সার্কিটের						1.0MW load interrup.	
18:45		01:47		গাউন সার্কিটের গুণে রিটার্ন করা গেল সার্কিটের সার্কিটের => সার্কিটের ফিউজ সার্কিটের ফিউজ							
19:00				Jhenaidah 132/33kV S/S Transformer T-1 LT Tripped showing 50/51 OC-3 phase-B1 Phase A,B,C pickup relays Due to => গাউন সার্কিটের							
19:04		01:46		Evening Peak Gen. 11082 MW							
				Jhenaidah 132/33kV S/S Transformer T-1 HT Forced S/D Due to 33 kV T1A incommer trip for 33kV kaligonj feeder(WZPDCL) loop disconnect						25.0MW load interrup.	
19:13				Bogra (O)-Nauga 132 kV I, II syn due to over load Bogra (N)-Bogra (O) 132 kV-II (Bogra (N)-Bogra (O) 132 kV-I/S/D continue.							
19:14		19:28		Ghoseal- Ishwardi 230 kV Ckt-2 Tripped from Ishwardi 230/132kV end showing SIEMENS SIPROTEC 7SA87 relays.							
19:15				Mithapukur -Confidence 132 kV -1 trip Confidence side. Signal- Distance relay B fase Z1, Master relay.							
19:58		20:36		Haripur 230/132kV S/S Madanganj-2 Tripped showing OPTIMHO relays Due to Thunderstorm							
19:58		20:42		Madanganj 132/33kV S/S Madanganj-Haripur 132 kV Ckt-2 Tripped showing General Trip Zone 1 Trip B phase Pickup relays Due to Rain & stormy condition							
20:10		20:37		Natore-Rajshahi 132kV Ckt-1 Forced S/D from Rajshahi 132/33kV end Due to Work on Natore edge. and from Natore 132/33kV end Due to A banner flow over the wind on natore rajshahi TL 1.							
20:25		21:36		Bhulta 132/33kV S/S GT1 HT Tripped showing Via Relay,PRD Trip,OTT Trip relays Due to PBS Feeder Trip							
20:58				Haripur 412MW CCPP GT was sync.							
21:06		21:27		Ashugonj-Ghorashal 132kV ckt-1 tripped from both ends showing Distance zone-1 phase-B & C at both ends							
21:11				Rampal 1320 MW (BIFPCL) unit-1 was sync.							
21:49				Madunaghat-TKCL 132kV Ckt-1 Forced S/D from Madunaghat 132/33kV end Due to Due to the increase in load of hathazari circuit.							
				Madunaghat-Sikalbaha 132kV Ckt-2 Forced S/D from Madunaghat 132/33kV end Due to Due to the increase in load of hathazari circuit.							
21:50											
22:03		22:15		Brahmanbaria 132/33kV S/S 403T LT Tripped showing O/C & E/F relays Due to Nabingor feeder fault.							
22:27		22:34		Gollamari 132/33kV S/S Tr-2 LT Tripped showing DOC/DEF Relay relays Due to For Trying to close 33kV Labonchora (WZPDCL) Feeder						9.0MW load interrup.	
22:31		00:38		Gollamari 132/33kV S/S Tr-1 LT Forced S/D Due to Red Hot Maintenance							
		00:38		Gollamari 132/33kV S/S Tr-1 HT Forced S/D Due to Red Hot Maintenance							
				Haripur 412MW CCPP ST was sync.							
01:21		01:25		Gollamari 132/33kV S/S Tr-1 LT Forced S/D Due to 33kV Bus Section DS Red Hot						7.0MW load interrup.	
01:28		02:11		Jaldhaka-Saidpur 132kV Ckt-2 Tripped from Saidpur 132/33kV end showing Distance relay, Zone-2, R-Phase relays Due to Due to abnormal cloudy weather as well as slow rain.							
06:30				Natore 132/33kV S/S TR-1 (405 T) LT Scheduled S/D Due to T-1 LT R-phase CT- x- former D/S loop change.							
06:32				Natore 132/33kV S/S TR-1 (405 T) HT Scheduled S/D Due to T-1 LT R-phase CT- x- former D/S loop change.							
07:00				minimum generation 8472 MW							
07:20				Sirajganj 132/33kV S/S T4-(445) LT Forced S/D Due to Red Hot has become visible at T-4 132kV BUS DS(DS-441).						10.0MW load interrup.	
07:21				Sirajganj 132/33kV S/S T4-(445) HT Forced S/D Due to Red Hot has become visible at T-4 132kV BUS DS(DS-441).							
Sub Divisional Engineer				Executive Engineer				Superintendent Engineer			
Network Operation Division				Network Operation Division				Load Despatch Circle			