

POWER GRID COMPANY OF BANGLADESH LTD. NATIONAL LOAD DESPATCH CENTER DAILY REPORT									
				21:00		Hrs on		Reporting Date : 22-Apr-23	
Till now the maximum generation is :-				15648.0					
The Summary of Yesterday's				21-Apr-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :				10948.0 MW		Hour :		12:00 Min. Gen. at 8:00	
Evening Peak Generation :				9781.0 MW		Hour :		19:00 Available Max Generation :	
E.P. Demand (at gen end) :				9781.0 MW		Hour :		19:00 Max Demand (Evening) :	
Maximum Generation :				12807.0 MW		Hour :		1:00 Reserve(Generation end)	
Total Gen. (MKWH) :				266.0		System Load Factor		86.56% Load Shed :	
Export from East grid to West grid -> Maximum						EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		70 MW at 7:00 Energy	
Import from West grid to East grid -> Maximum									
Actual : 75.48				FL (MSL) :		22-Apr-23		Rule curve : 83.80 FL (MSL) :	
Gas Consumed :				Total = 1129.95 MMCFD.		Oil Consumed (PDB) :		HSD : FO :	
Cost of the Consumed Fuel (PDB+Pvt) :				Gas : Tk171,627,596		Oil : Tk508,348,561		Total : Tk896,258,443	
Coal :				Tk216,282,286					
Load Shedding & Other Information									
Area									
Yesterday				Estimated Demand (S/S end)				Today	
Time				MW				Estimated Shedding (S/S end)	
MW				MW				MW	
Rates of Shedding				(On Estimated Demand)					
Dhaka				0				0	
Chittagong Area				0				0	
Khulna Area				0				0	
Rajshahi Area				0				0	
Cumilla Area				0				0	
Mymensingh Area				0				0	
Sylhet Area				0				0	
Barisal Area				0				0	
Rangpur Area				0				0	
Total				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									
3) Bhula Nuton Biddut									
4) Baghabari-100 MW & 71 MW									
5) Raoozan unit-2									
6) Siddhirganj 210 MW .									
7) Shajbazar 330 MW									
8) Sirajganj- 3									
9) Barishal 307 MW									
Outage									
Restore									
Additional Information of Machines, lines, interruption / Forced Load shed etc.									
Time									
08:01									
12:13									
Barishal 230/132KV S/S T-4 LT Forced S/D Due to Red hot maintenance of 33 side if T4 transformer.									
08:02									
Sylhet 132/33KV S/S T4 LT is restored.									
08:02									
Sylhet 132/33KV S/S T4 HT is restored.									
08:02									
Barishal 230/132KV S/S T-4 HT Forced S/D Due to Red hot maintenance of 33 kv side									
08:37									
Sylhet 132/33KV S/S T2 LT is restored.									
11:49									
Ashuganj 420 MW CCPP(East) GT was sync.									
12:00									
Day peak generation 10948 MW.									
12:57									
Siddhirganj GT-1 was sync.									
14:42									
Siddhirganj GT-1 was shut down due to maint.									
17:33									
20:40									
Siddhirganj-Ullon (T at Maniknagar) 132KV Ckt-1 Tripped from Siddhirganj 132/33KV end showing Distance relay(Siprotec) 1) General Trip2)B.Y phase3) zone-1(13km) relays Due to Distance relay operated during heavy storm condition									
17:34									
17:55									
Haripur 230/132KV S/S Ullon (Maniknagar-2) Tripped showing Ph-Y, Z-1, Dist Send. relays Due to Thunderstorm.									
17:37									
Shyampur new- Shyampur old ckt-1&2 tripped. Showing distance zone-1									
17:37									
Shyampur new-fatullah 132KV Ckt-1 tripped. showing distance relay.									
17:38									
23:38									
Maniknagar 230/132KV S/S Auto Transformer-01(705T) HT Tripped showing RED 670 relays Due to Stormy Rain									
17:38									
23:43									
Maniknagar 230/132KV S/S Auto Transformer-01(705T) LT Tripped showing Relay Panel relays Due to Stormy Rain									
17:39									
Siddhirganj-Matuaal 132KV ckt. tripped from Matuaal end. showing earth fault relay. Interruption 33MW.									
17:40									
Madanganj 132/33KV S/S Madanganj-Fatullah 132KV Ckt Tripped showing General TripZone 1 TripR Phase PickupY Phase PickupB Phase Pickup relays Due to Heavy rain,storm									
17:45									
18:49									
Siddhirganj 132/33KV S/S 120MW EQCB GT1 Tripped showing 1) Master trip relay operated relays Due to storm wearher									
17:45									
18:14									
Siddhirganj-Siddhirganj (Orion)132KV Ckt-1 Tripped from Siddhirganj 132/33KV end showing 1) O/C Relay operated2) Earth Fault relays Due to Earth fault due to heavy storm									
17:48									
19:07									
Daudkandi-Sonargaon 132 kV Ckt-1 Tripped from Daudkandi 132/33KV end showing Distance Relay (P442) relays Due to Heavy Storm									
17:53									
Siddhirganj-Matuaal 132KV ckt. was switched on									
17:53									
22:20									
Madanganj-Munshiganj 132 kV Ckt-1&2 Tripped.showing Differential trip									
Madanganj-Munshiganj 132 kV Ckt-1 Tripped from Madanganj 132/33KV end showing General TripDifferential TripY Phase TripB Phase Trip relays Due to Heavy rain,storm and from Munshiganj 132/33KV end showing Line Differtial relays Due to Rainstorm									
17:53									
02:36									
Madanganj-Munshiganj 132 kV Ckt-2 Tripped from Madanganj 132/33KV end showing General TripDiff. TripR Phase TripAR OPTDAR UnsuccessfulU/V OPTD86 AB OPTD relays Due to Heavy rain,storm and from Munshiganj 132/33KV end showing Line Differtial relays Due to Heavy Rainstorm									
17:58									
Shyampur new-fatullah 132KV Ckt-1 was switched on									
18:37									
21:09									
Ashuganj-Cumilla(N) 230 kV Ckt-1 Tripped from Cumilla(N) 230/132/33KV end showing secondary Distance Protection-C-Phase, AIDED Trip.Primary Distance Protection-Mode: TE relays.									
19:00									
Evening Peak Gen. 9781 MW									
19:43									
Shyampur new- Shyampur old ckt-2 was switched on									
19:55									
19:59									
Fenchuganj-Sreemangal 132KV Ckt-1 Tripped from Sreemongol 132/33KV end showing Distance Relay relays Due to Thundering.									
20:12									
Ashuganj 420 MW CCPP(East) ST was sync.									
20:17									
Shyampur new- Shyampur old ckt-1 was switched on									
21:15									
21:24									
Hat hazari 230/132/33KV S/S AKSML-02 Tripped showing General trip, Zone-1 , Y phase relays.									
22:22									
Ghorashal-Ashuganj 132KV ckt-1 S/D for red hot maint.at ghorashal end.									
00:40									
01:30									
Hasnabad-Sitalakhya 132KV Ckt-1 Forced S/D from Hasnabad 132/33KV end Due to shy/down taken by shitalakhya for emergency maintenance work									
02:28									
03:55									
Fenchuganj-Sreemangal 132KV Ckt-2 Forced S/D from Sreemongol 132/33KV end Due to For removing the torn OPGW cable from line. and from Fenchuganj 230/132/33KV end Due to OPGW Fault Restoration work									
02:28									
03:55									
Fenchuganj-Sreemangal 132KV Ckt-1 Forced S/D from Sreemongol 132/33KV end Due to For removing the torn OPGW cable from line. and from Fenchuganj 230/132/33KV end Due to OPGW Fault restoration work									
06:00									
Minimum Generation (Eid-Ui-Fitre)= 8.595MW									
25 MW load interrup. Hasnabad 132/33KV end									