## POWER GRID COMPANY OF BANGLADESH LTD. NATIONAL LOAD DESPATCH CENTER OF-LDC-08 DAILY REPORT Page -1 Reporting Date: 18-May-17 Till now the maximum generation is: 9212 MW 20:00 Hrs 18-Anr-17 The Summary of Yesterda 17-May-17 Generation & Demand Today's Actual Min Gen. & Probable G Day Peak Generation 7353.0 MW Hour 12:00 Min. Gen. at Max Generation 6:00 4816 MW Evening Peak Generation MW Hour E.P. Demand (at gen end) 8090.0 MW Hour 19:00 Max Demand (Evening) 8600 MW Maximum Generation 8090.0 MW 19:00 Reserve (Generation end) 40 MW System L/ Factor : S.Z. EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR Total Gen. (MKWH) 170.0 87.54% Load Shed 0 MW Export from East grid to West grid :- Maximum MKWHR. at 21:00 7.867 Energy Import from West grid to East grid :- Maximum Water Level of Kaptai Lake at 18-May-17 MW Energy MKWHR 74 44 Ft.(MSL), Rule curve : 78.77 Ft.( MSL ) Gas Consumed: Total 854.99 MMCFD. Oil Consumed (PDB) HSD FO Liter Cost of the Consumed Fuel (I Gas Tk73.231.938 Tk14,648,067 : Tk515,950,521 Total : Tk603,830,526 **Load Shedding & Other Information** Yesterday Area Today Estimated Demand (S/S end) Estimated Shedding (S/S end) MW MW MW (On Estimated Demand) Dhaka Chittagong Area 0 0:00 893 904 873 Raishahi Area 0:00 658 499 Comilla Area 0:00 Mymensingh Are 0:00 Sylhet Area 0.00 320 0 175 Barisal Area 0:00 Rangpur Area ٥ 0.00 486 Total 0 8001 0 Information of the Generating Units under shut down. Forced Shut- Down Planned Shut- Down 1) Ghorasal ST: Unit-6 (18/07/2010 9) Haripur SBU-2,3 2) Kaptai Unit- 5 10) Sirajganj CCPP 210 MW 3) Ashuganj ST: Unit- 1 11) Tongi GT 4) Khulna ST 110 MW (04/11/2014) 12) Saidpur GT 5) Ghorasal Unit-1.5 13) Ashuganj CCPP(South) 6) Baghabari 100 MW 7) Tongi GT 8) Chittagong Unit-1 & 2 Additional Information of Machines, lines, Interruption / Forced Load shed etc. Description Comments on Power Interruption a) After restoration of gas Sikalbaha-150 MW GT was synchronized at 10:53. b) Sylhet-150 MW tripped at 11:16 and was synchronized at 12:50. c) Noapara-Bogra 132 kV Ckt-1 was under shut down from 09:08 to 11:45 for LA maintenance d) Meghnaghat-Hasnabad 230 kV Ckt-1 tripped at 08:27 showing dist.Z1,E/F relay at Hasnabad end & voltage fail at Meghnaghat end and was switched on at 17:34. e) Goalpara 132/33 kV T-5 & T-6 transformers tripped at 13:01 due to 33 kV khalishpur feeder fault and was switched f) Khulna(S) 230 kV Bus-2 was under shut down from 08:32 to 17:11 for development work g) Shyampur 132/33 kV T-3 & T-4 transformers were shut down for 33 kV out door Bus maintenance and was switched on at 14:19. h) Sreemongal-Fenchuganj 132 kV Ckt-2 tripped at 12:12 showing dist.Z1,3-phase and was switched on at 12:32. i) Purbasadipur-Thakurgaon 132 kV Ckt-1 was shut down at 14:45 for problem with breaker at Purbasadipur end and was switched on at 18:10. j) Madangani 132 kV reserve Bus was shut down at 14:50 for red hot maint, at Bus coupler and was switched on at 17:45. k) Mymensing RPCL ST tripped at 17:02 due to problem with unit breaker I) Ishurdi-Bheramara HVDC 230 kV Ckt-2 tripped at 19:47 showing dist.Z1,T-phase at Bheramara end & dist.3-phase at Ishurdi end and was switched on at 20:47. m) Bheramara-Faridpur 132 kV Ckt-2 tripped at 20:04 showing directional E/F at Faridpur end & dist.3-phase at Bheramara end and was switched on at 20:26. n) Bheramara-Faridpur 132 kV Ckt-1 tripped at 20:46 showing DEW at Faridpur end & dist.R-phase at Bheramara end and was switched on at 20:54 o) Aminbazar-Meghnaghat 230 kV Ckt-1 & 2 tripped at 21:27 showing dist.Z1,87L at Aminbazar end & dist.R-phase.87L at Meghnaghat end and were switched on at 22:49 & 22:53 respectively. p) Aminbazar-Savar 132 kV Ckt tripped at 21:27 showing A/R opt,A/R block,distRST,Z1 at Aminbazar end & A/R opt,A/R block,dist.3-phase at Savar end and was switched on at 23:09. q) Aminbazar-Mirpur 132 kV Ckt-1 & 2 tripped at 21:27 showing dist.RST,A/R at Aminbazar end & backup protection at Mirpur end and Ckt-2 was switched on at 21:44. r) Aminbazar-Agargaon 230 kV Ckt-1 & 2 tripped at 21:25 showing dist.3-phase at Aminbazar end & diff. inter trip at Agargaon end and were switched on at 22:18 & 03:31(18/5/17) respectively. s) Ghorasal-Joydevpur 132 kV Ckt-1 & 2 tripped at 21:35 showing remote protection at Ghorasal end & main protection at Joydevpur end and Ckt-2 was switched on at 22:18. t) Ghorasal-Bhulta 132 kV Ckt tripped at 22:05 due A-phase PT burst at Ghorasal end. u) Norsingdi-Ghorasal 132 kV Ckt tripped at 21:12 showing remote protection ,C-phase at Ghorasal end and was switched on at 00:29(18/5/17). v) Comilla(N) 132/33 kV T-3 transformer tripped at 22:39 showing E/F relay and was switched on at 23:40. w) Jamalpur-132/33 kV T-2 transformer was shut down at 23:52 for flashing at 33 kV DS and was switched on at 02:03(18/5/17). x) Bogra 230/132 kV T-2 transformer was shut down at 07:48(18/5/17) due to red hot maintenance and was switched

**Executive Engineer** 

**Network Operation Division** 

Superintendent Engineer

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**Load Dispatch Circle** 

on at 09:53(18/5/17). Sub Divisional Engineer

**Network Operation Division**