

**POWER GRID COMPANY OF BANGLADESH LTD.
NATIONAL LOAD DESPATCH CENTER
DAILY REPORT**

QF-LDC-08
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Till now the maximum generation is :-				8348 MW		21:00		Hrs on		Reporting Date : 14-Apr-16		9-Apr-16													
The Summary of Yesterday's				13-Apr-16		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand																	
Day Peak Generation :		7479.0		MW		Hour :		10:00		Min. Gen. at		6:00		6799		MW									
Evening Peak Generation :		8050.0		MW		Hour :		19:30		Max Generation :				8475		MW									
E.P. Demand (at gen end) :		8250.0		MW		Hour :		19:30		Max Demand (Evening) :				8150		MW									
Maximum Generation :		8050.0		MW		Hour :		19:30		Reserve (Generation end) :				325		MW									
Total Gen. (MKWH) :		176.0		System L/ Factor :				91.08%		Load Shed :				0		MW									
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR																									
Export from East grid to West grid :- Maximum				-250				MW		at		16:00		Energy		7.867		MKWHR.							
Import from West grid to East grid :- Maximum				-				MW		at		-		Energy		-		MKWHR.							
Water Level of Kaptai Lake at 6:14-Apr-16																									
Actual :		82.23		Ft.(MSL)				Rule curve :		85.40		Ft.(MSL)													
Gas Consumed :		Total		1006.20		MMCFD.				Oil Consumed (PDB) :															
												HSD :						Liter							
												FO :						Liter							
Cost of the Consumed Fuel (PDB+Pvt) :		Gas		Tk76,029,488																					
		Coal		Tk15,273,056						Oil :		Tk508,713,965		Total :		Tk600,016,510									
Load Shedding & Other Information																									
Area		Yesterday				Estimated Demand (S/S end)				Today															
		MW				MW				Estimated Shedding (S/S end)				Rates of Shedding (On Estimated Demand)											
Dhaka		- 0:00				2980				-				-											
Chittagong Area		36 (19:05-22:45)				833				-				-											
Khulna Area		38 (19:05-22:45)				837				-				-											
Rajshahi Area		37 (19:05-22:45)				812				-				-											
Comilla Area		23 (19:05-22:45)				617				-				-											
Mymensingh Area		20 (19:05-22:45)				469				-				-											
Sylhet Area		- (19:05-22:45)				295				-				-											
Barisal Area		6 (19:05-22:45)				164				-				-											
Rangpur Area		20 (19:05-22:45)				455				-				-											
Total		180		0		7462				0		0													
Information of the Generating Units under shut down.																									
		Planned Shut- Down						Forced Shut- Down																	
Nil								1) Ghorasal ST: Unit-6 (18/07/2010) 9) Sikalbaha 60MW (23/11/15) 2) Ashuganj ST: Unit-1(12/09/2015) 10) Saidpur GT 3) Ghorasal ST: Unit-5 11) Bhola GT-2 4) Khulna ST 110 MW (04/11/2014) 12) Siddhirgonj GT: Unit-1 & 2 5) Ghorasal ST: Unit-4 (05/01/2015) 13) Ashuganj CCGP 225 MW 6) Haripur GT- 3 14) Baghabari GT 100 MW 7) Chandpur CCGP 8) Chittagong ST: Unit-1																	
Additional Information of Machines, lines, Interruption / Forced Load shed etc.																									
Description										Comments on Power Interruption															
a) Joypurhat 132/33 kV T-2 transformer was shut down at 08:05 for 33 kV Bus upgradation. b) Bogra-Naogaon 132 kV Ckt-1 tripped at 08:55 from Bogra end showing Inst. O/C B phase and switched on at 15:23. c) Bogra-Naogaon 132 kV Ckt-2 tripped at 08:55 from Naogaon end showing no relay and switched on at 09:40. d) Comill(S) 132/33 kV T-1 transformer was under shut down from 09:58 to 11:51 for capacitor loop work. e) Bheramara-Bahrapur 400 kV Ckt-1 was under shut down from 11:26 (13/04/2016) to 00:41(14/04/2016) due to R/H at B phase isolator at Bahrapur end. f) After maintenance Rampura-Haripur 230 kV Ckt-1 was switched on at 15:20. g) Severe Earthquake hit all over the country. A large amount of distribution feeder tripped at 19:57 and frequency rises upto 51.50 Hz. At this point following generating stations tripped due to o/f: (1) Ashuganj unit:5, (2) Sirajgonj 225 MW, (3) Sikalbaha 150 MW, (4) Baghabari 70 MW, (5) Dutch Bangla 100 MW, (6) Amnura, (7) Sylhet 20 MW, (8) Sylhet 10 MW, (9) Barbkunda 22 MW (10) Summit Meghnaghat ST and were synchronized later. h) Ashuganj unit-5 tripped at 23:12 due to tripping of boiler and synchronized at 02:58 (14/04/2016). i) Barapukuria unit-1 was shut down at 00:09 (14/04/2016) due to super heater tube leakage. j) Mymensingh 132/33 kV T-3 transformer tripped at 00:57 (14/04/2016) from both side showing O/C,3 phase and switched on at 01:06 (14/04/2016). k) Fenchuganj 132/33 kV T-1 transformer tripped at 02:38 (14/04/2016) from 132 kV side showing backup protection trip and switch on at 02:49 (14/04/2016). l) Fenchuganj 132/33 kV T-2 transformer tripped at 02:40 (14/04/2016) from 132 kV side showing O/C, E/F and switch on at 02:51 (14/04/2016). m) After maintenance Ghorashal unit:5 was synchronized at 03:08 (14/04/2016). n) After maintenance Siddirganj GT-2 was synchronized at 03:32 (14/04/2016) o) Mymensingh -Jamalpur line-2 tripped at 06:10 (14/04/2016) from Jamalpur end showing Dist Z1, a phase as R phasebus loop at Mymensingh end got snapped and switched on at 09:15 (14/04/2016). p) Mymensingh -Jamalpur line-1 tripped at 06:10 (14/04/2016) from Mymensingh end showing Dist. A phase Z-2 and switched on at 06:38 (14/04/2016). q) Bagerhat 132/33 kV T-1 transformer was shut down at 07:45 (14/04/2016) due to R/H at 33 kV R phase busbar and switched on 08:25 (14/04/2016). r) Summit Bibiyana-2 ST was shut down at 07:18 (14/04/2016) due to gas control valve problem. s) Summit Bibiyana-2 GT was shut down at 07:25 (14/04/2016) due to gas control valve problem.																		About 60 MW power interruption occurred under Mymensingh S/S area from 00:57 (14/04/2016) to 01:06 (14/04/2016). About 18 MW power interruption occurred under Fenchuganj S/S area from 02:38 (14/04/2016) to 02:49 (14/04/2016). About 125 MW power interruption occurred under Jamalpur S/S area from 06:10 (14/04/2016) to 09:15 (14/04/2016). About 5 MW power interruption occurred under Bagerhat S/S area from 07:45 (14/04/2016) to 08:25 (14/04/2016).							
Sub Divisional Engineer Network Operation Division										Executive Network Op				Superintendent Engineer Load Dispatch Circle				Page 1 of 7							