

POWER GRID COMPANY OF BANGLADESH LTD.									
NATIONAL LOAD DESPATCH CENTER									
DAILY REPORT									
					Reporting Date : 9-Sep-17		Page - 1		
Till now the maximum generation is : - 9479 MW					21:00	Hrs	on	7-Jun-17	
The Summary of Yesterday: 8-Sep-17		Generation & Demand			Today's Actual Min Gen. & Probable Gen. & Demand				
Day Peak Generation :	6690.0	MW	12:00	Min. Gen. at	7:00	6687	MW		
Evening Peak Generation :	8672.0	MW	21:00	Max Generation :		10738	MW		
E.P. Demand (at gen end) :	8672.0	MW	21:00	Max Demand (Evening) :		9400	MW		
Maximum Generation :	8672.0	MW	22:00	Reserve(Generation end)		1338	MW		
Total Gen. (MKWH) :	176.0	System L/ Factor :	84.58%	Load Shed :		0	MW		
EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR									
Export from East grid to West grid :- Maximum			80	MW	at 17:00	Energy	7.867	MKWHR.	
Import from West grid to East grid :- Maximum			-	MW	at -	Energy	-	MKWHR.	
Water Level of Kaptai Lake at 9-Sep-17									
Actual : 108.42		Ft.(MSL) ,		Rule curve : 108.84		Ft.(MSL)			
Gas Consumed : Total		994.54	MMCFD.		Oil Consumed (PDB) :				
						HSD :	Liter		
						FO :	Liter		
Cost of the Consumed Fuel (Gas :	Tk83,058,514						
		Coal :	Tk6,640,460		Oil :	Tk404,536,277	Total :	Tk494,235,251	
Load Shedding & Other Information									
Area		Yesterday		Today					
		Estimated Demand (S/S end)		Estimated Shedding (S/S end)		Rates of Shedding (On Estimated Demand)			
		MW		MW		MW			
Dhaka	0	0:00	3269		0	0%			
Chittagong Area	0	0:00	1127		0	0%			
Khulna Area	0	0:00	918		0	0%			
Rajshahi Area	0	0:00	875		0	0%			
Comilla Area	0	0:00	869		0	0%			
Mymensingh Are	0	0:00	710		0	0%			
Sylhet Area	0	0:00	296		0	0%			
Barisal Area	0	0:00	185		0	0%			
Rangpur Area	0	0:00	537		0	0%			
Total		0	8786		0				
Information of the Generating Units under shut down.									
Planned Shut- Down					Forced Shut- Down				
Nil					1) Ashuganj # 2,3,4 2) Kaptai Unit- 5 3) Khulna ST 110 MW (04/11/2014) 4) Ghorasal Unit-3,5 5) Baghabari 100 MW 6) Tongi GT 7) Chittagong Unit-1,2 8) Sikalbaha ST 9) Barapukuria ST: Unit-1				
Additional Information of Machines, lines, Interruption / Forced Load shed etc.									
Description					Comments on Power Interruption				
a) Siddirganj 132/33 kV T-2 transformer was under shut down from 06:59 to 10:10 bushing clamp.					About 62 MW power interruption occurred under Siddirganj S/S area from 06:59 to 10:13.				
b) Siddirganj 132/33 kV T-1 transformer tripped at 08:17 from 33 kV side showing O/C and switched on at 08:20.									
c) Sylhet 150 MW GT was synchronised at 08:20.									
d) Shazibazar 330 MW CCPP GT-1, GT-2 and ST were shut down at 05:28, 05:38 and 05:35 respectively due to gas booster problem.									
f) Kaptai Unit-4 was under shut down from 09:03 to 11:26 for cleaning shaft shield strainer.									
g) Ashuganj Unit-4 was shut down at 08:50 due to HP steam line leakage.									
h) Kabirpur 132/33 kV T-3 transformer was under shut down from 10:01 to 12:21 for Earth lead maintenance.									
i) Kabirpur-Tongi 132 kV Ckt-2 tripped at 11:57 from both sides showing Dist. Z1, C phase at Kabirpur & CAT, CD, CE at Tongi and switched on at 12:09.									
j) Mirpur-Tongi 132 kV line tripped at 10:16 from Mirpur end operated main protection relay and switched on at 21:27.									
k) Gopalganj 132/33 kV T-2 transformer was under shut down from 08:22 to 11:27 due to 33 kV Y phase CT oil leakage.									
l) After maintenance Bottail 132/33 kV T-1 transformer was switched on at 11:25.									
m) Chowmuhoni 132/33 kV T-1 and T-2 transformer were under shut down from 07:03 to 11:50.					About 50 MW power interruption occurred under Chowmuhoni S/S area from 07:03 to 11:50.				
n) Shahjibazar-Sreemongal 132 kV Ckt-2 tripped at 14:02 from both end showing C phase Dist at Sreemongal end.									
o) Bheramara-Baharampur 400 kV Ckt-1 was under shut down from 13:03 to 17:25 due to red-hot maintenance at Baharampur end.									
p) Khulshi 132/33 kV T-2 transformer was under shut down from 07:11 to 08:40 due to 33 kV Y phase CT oil leakage.					About 20 MW power interruption occurred under Khulsi S/S area from 07:11 to 08:40.				
q) After maintenance Sikalbaha 225 MW was synchronized at 17:12.									
r) After maintenance Bibiyana 341 MW GT was synchronized at 17:38.									
s) After maintenance Shahjibazar330 MW GT-2 was synchronized at 21:06.									
t) After maintenance Ashuganj (North) ST was synchronized at 20:23.									
u) Shahjibazar-Sreemongal 132 kV line-2 tripped at 22:29 from both sides showing C phase Dist at Sreemongal end.									
v) Bheramara-Ishurdi 132 132 kV Ckt-1 & 2 tripped at 23:04 from Bheramara end due to PT burst of 110 MW Bheramara QRPP. As a result Bheramara 360 MW power plant tripped showing under frequency.									
w) Bheramara-Faridpur 132 kV Ckt-1 & 2 tripped at 23:04 from Faridpur end showing Dist. Z2 for Ckt-1 and Dist Z3,A, B of Ckt-2.									
x) Bagerhat-Bhandaria 132 kV line tripped at 23:07 from Bagherhat end showing B phase O/C.									
y) Due to the above tripping of several lines about 755 MW power interruption occurred under Khulna & Barisal zones and system frequency went low causes tripping of several machines that are summarized below.									
Name of Machine		Remarks							
Faridpur Peak	35	About 755 MW generation loss occurred.							
Barisal Sumr	110								
Barisal Gt	27								
Bheramara 3	283								
Gopalganj Pt	61								
Bheramara G	46								
Bhola CCPP	193								
Total	755								
Sub Divisional Engineer Network Operation Division		Executive Engineer Network Operation Division			Superintendent Engineer Load Dispatch Circle				