

**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 :-		11623 MW	19:30	Hrs	on	19-Sep-18	Reporting Date : 17-Feb-19
The Summary of Yesterday's		16-Feb-19	Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :	7006.8 MW	9:00	Min. Gen. at	5:00	5352 MW		
Evening Peak Generation :	8838.0 MW	19:30	Available Max Generation :		12482 MW		
E.P. Demand (at gen end) :	8838.0 MW	19:30	Max Demand (Evening) :		8600 MW		
Maximum Generation :	8838.0 MW	19:30	Reserve(Generation end)		3882 MW		
Total Gen. (MKWH) :	165.2	System Load Factor : 77.90%	Load Shed :		0 MW		

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR							
Export from East grid to West grid :- Maximum						2:00	Energy
Import from West grid to East grid :- Maximum							Energy
Water Level of Kaptai Lake at 6:00 A M on	17-Feb-19						
Actual :	93.30	Ft.(MSL)	Rule curve :	94.90	Ft.(MSL)		

Gas Consumed :	Total =	1098.69 MMCFD.	Oil Consumed (PDB) :			HSD :	Liter
						FO :	Liter
Cost of the Consumed Fuel (PDB+Pvt) :		Gas : Tk91,742,216					
		Coal : Tk14,160,410	Oil : Tk116,648,357	Total :	Tk222,550,983		

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end) MW	Today Estimated Shedding (S/S end) MW	Rates of Shedding (On Estimated Demand)
	MW	0:00			
Dhaka	0	0:00	3029	0	0%
Chittagong Area	0	0:00	1023	0	0%
Khulna Area	0	0:00	916	0	0%
Rajshahi Area	0	0:00	827	0	0%
Comilla Area	0	0:00	748	0	0%
Mymensingh Area	0	0:00	603	0	0%
Sylhet Area	0	0:00	346	0	0%
Barisal Area	0	0:00	156	0	0%
Rangpur Area	0	0:00	465	0	0%
Total	0		8114	0	

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
Nil	1) Barapukuria ST: Unit-1,2 2) Khulna ST 110 MW 3) Ghorasal Unit-1,3,4,7 4) Tongi GT 5) Haripur GT-1,2 6) Siddhirganj ST 210 MW 7) Bhagabari 100 MW 8) Sikalaha 150MW Peaking
	09) Ashuganj #4 10) Haripur 360 MW 11) Siddhirganj Peaking 210 MW 13) Sylhet 150 MW

Additional Information of Machines, lines, Interruption / Forced Load shed etc.

Description	Comments on Power Interruption
a) Bhulta 400/230 kV T01 transformer was under shut down from 09:57 to 16:55 for C/M.	
b) Baghabari 230/132 kV T02 transformer was under shut down from 08:27 to 18:15 for A/M.	
c) Joydepur 132/33 kV GT-4 was under shut down from 11:51 to 13:41 for oil leakage maintenance.	
d) Hathazari-BSRM 230 kV Ckt was switched on at 18:00.	
e) Sylhet 150 MW was synchronized at 19:23 & again tripped at 22:01.	
f) Siddhirganj 132 kV S/S-Siddhirganj 210 MW (peaking) GT-1 tripped at 21:43 showing master trip relay at Siddhirganj S/S end and was switched on at 03:37 (17/02/2019).	
g) Maniknagar-Siddhirganj 230 kV Ckt-2 tripped at 02:44 (17/02/2019) showing dist.relay at Maniknagar end & diff.relay at Siddhirganj end& was switched on at 03:30 (17/02/2019).	
h) Ghorasal Unit-7 was shut down at 05:05 (17/02/2019) for maintenance work.	
i) Kaliakoir-Tongi 230 kV Ckt-1 tripped at 05:07 (17/02/2019) from Kaliakoir end showing dist.relay and was switched on at 05:36 (17/02/2019).	
j) Bottail 132/33 kV T1 & T2 transformers tripped at 06:06 (17/02/2019) due to bad weather and were switched on at 06:40 (17/02/2019).	About 24 MW Power interruption occurred under Bottail S/S area from 06:06 to 06:40 (17/02/2019).
k) Mongla 132/33 kV T1 & T2 transformers tripped at 05:43 (17/02/2019) due to bird fallen on 33 kV Bus and were switched on at 05:56 (17/02/2019).	About 26 MW Power interruption occurred under Mongla S/S area from 05:43 to 05:56 (17/02/2019).
l) Kallyanpur-Lalbag 132 kV Ckt-2 tripped at 07:21 (17/02/2019) from both sides showing dist.relay and was switched on at 08:06 (17/02/2019).	
m) Maniknagar 230/132 kV T2 transformer tripped at 07:37 (17/02/2019) showing main protection trip relay and was switched on at 08:07.	
n) Maniknagar-Bangabhaban 132 kV Cable Ckt-1 tripped at 07:38 (17/02/2019) from Maniknagar end showing pilot wire protection relay and is still under maintenance.	
o) Hasnabad 132/33 kV T1 & T2 transformers tripped at 07:29 (17/02/2019) due to 33 kV feeder fault and was switched on at 07:59 (17/02/2019).	About 50 MW Power interruption occurred under Hasnabad S/S area from 07:29 to 07:59 (17/02/2019).
p) Barisal-Bhandaria 132 kV Ckt was shut down at 07:53 (17/02/2019) for D/W.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Dispatch Circle