

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

QF-LDC-08
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Reporting Date : 24-Feb-18

Till now the maximum generation is :-

9507 MW

19:30 Hrs on 18-Oct-17

The Summary of Yesterday's		23-Feb-18	Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :		6044.8 MW		Hour : 12:00	Min. Gen. at 5:00	5323 MW	
Evening Peak Generation :		7980.0 MW		Hour : 21:00	Available Max Generation	9688 MW	
E.P. Demand (at gen end) :		7980.0 MW		Hour : 21:00	Max Demand (Evening) :	8500 MW	
Maximum Generation :		7980.0 MW		Hour : 21:00	Reserve(Generation end)	1188 MW	
Total Gen. (MKWH) :		MKWHr	System Load Factor :	83.43%	Load Shed :	0 MW	

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	-780 MW	at 8:00	Energy	MKWHr.
Import from West grid to East grid :- Maximum	-	at -	Energy	- MKWHr.

Water Level of Kaptai Lake at 6:00 A M on	24-Feb-18			
Actual : 95.39	Ft.(MSL) ,	Rule curve : 93.75	Ft.(MSL) ,	

Gas Consumed :	Total = 919.89 MMCFD.	Oil Consumed (PDB) :		
		HSD :		Liter
		FO :		Liter

Cost of the Consumed Fuel (PDB+Pvt) :	Gas : Tk83,951,960	Oil : Tk267,700,730	Total : Tk362,070,133
	Coal : Tk10,417,443		

Load Shedding & Other Information

Area		Yesterday		Estimated Demand (S/S end)		Today		Estimated Shedding (S/S end)		Rates of Shedding (On Estimated Demand)	
		MW		MW				MW			
Dhaka	0	0:00		2953				0		0%	
Chittagong Area	0	0:00		997				0		0%	
Khulna Area	0	0:00		892				0		0%	
Rajshahi Area	0	0:00		806				0		0%	
Comilla Area	0	0:00		728				0		0%	
Mymensingh Area	0	0:00		588				0		0%	
Sylhet Area	0	0:00		338				0		0%	
Barisal Area	0	0:00		152				0		0%	
Rangpur Area	0	0:00		453				0		0%	
Total	0			7907				0			

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
Nil	1) Barapukuria ST: Unit-1 2) Kaptai Unit- 4,5 3) Khulna ST 11 (04/11/14) 4) Ghorasal Unit-1,3,5 5) Baghabari 100 MW 6) Tongi GT 7) Chittagong Unit-1,2 8) Sikalbaha GT, ST 9) Baghabari-71 MW 10) Ashuganj ST: Unit- 2,3,4 11) Bheramara 410 MW. 12) Bosila 108 MW

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

Description	Comments on Power Interruption
a) Bhulta-Haripur 132 kV Ckt was shut down from 07:04 to 13:00 for project work.	
b) Narsingdi-Haripur 132 kV Ckt was shut down from 07:04 to 13:00 for project work.	
c) Kabirpur 132/33 kV T-1 & T-3 transformers were under shut down from 07:30 to 15:31 for 33 kV bus conductor replacement by PBS.	About 40 MW power interruption occurred under Kabirpur S/S areas from 07:30 to 15:31.
d) Faridpur 132/33 kV T-2 transformers were under shut down from 08:43 to 11:54 due to oil leakage from 33 kV B phase CT.	
e) Hathazari 132/33 kV T-1 transformers tripped at 11:56 from both side showing diff relay as B phase 33 kV cable got punctured and was switched on at 18:25.	About 20 MW power interruption occurred under Hathazari S/S areas from 11:56 to 18:25.
f) Chowmohoni 132/33 kV T-2 & T-3 transformers were under shut down from 07:05 to 12:25 for replacement 33 kV bus conductor.	
g) Siddhirganj-Haripur 132 kV Ckt-4 tripped at 16:20 from both end showing dist Z3,E/F Y phase relay at Siddhirganj end & O/C,E/F relay at Haripur end and was switched on at 16:33.	
h) Siddhirganj-Siddhirganj P/S 132 kV Ckt tripped at 16:20 from both end showing dist Z3,E/F R phase relay, master trip, 86 at Siddhirganj end & dist A,B,C, 86 at P/S end and was switched on at 16:41.	
i) After maint Ghorasal #7 was synchronized at 16:58.	
j) Jamalpur 132/33 kV T-1 transformers tripped at 18:45 due to 33 kV breaker Y phase pole exploded.	About 10 MW power interruption occurred under Jamalpur S/S areas since at 18:45.
k) Lalmonirhat 132/33 kV T-1 transformers was under shut down from 19:23 to 19:50 due to attend red hot at 33 kV CT clamp.	About 28 MW power interruption occurred under Lalmonirhat S/S areas from 19:23 to 19:50.
l) Bibiyana Summit tripped at 05:09 during changing mode.	
m) Ishurdi-Ghorasal 230 kV Ckt-1 tripped at 05:55 from both end showing PTAW,PD3 from both end. and was switched on at 06:17.	
n) Joydevpur-Ghorasal 132 kV Ckt-2 tripped at 05:55 from both end showing dist main protection relay and was switched on at 05:59.	
o) Ishurdi-Ghorasal 230 kV Ckt-2 tripped at 06:12 from both end showing PTAW,PD3 from both end. and was switched on at 06:24.	
p) Sonargaon-Daudkandi 132 kV Ckt-2 tripped at 06:31 from both end showing dist Z1, A phase, E/F relay at Daudkandi end and Z1 R phase, AR& carrier operated at Sonargaon end and was switched on at 08:52.	
q) Sonargaon-Haripur 132 kV Ckt-1 tripped at 06:31 from both end showing dist Z1, AN at Haripur end and gen trip, Z1 R phase at Sonargaon end and was switched on at 06:42.	
r) Ashuganj (N) ST & GT are under shut down since at 06:42,06:48 respectively due to cooling water pump jam..	
s) Ishurdi-Ghorasal 230 kV Ckt-2 tripped at 07:01 from both end showing PTAW,PD3 from both end. and was switched on at 07:41.	
t) Rampura-Ghorasal 230 kV Ckt-2 is under shut down since at 07:18(24/2/18) for Bhulta project work.	
u) Ishurdi-Ghorasal 230 kV Ckt-1 tripped at 07:22 from both end showing PTAW,PD3 from both end. and was switched on at 07:41.	
v) Meghnaghat-Hasnabad 230 kV Ckt-1 tripped at 07:41 from both end showing dist aided trip at Meghnaghat end and dist BCN,Z1 at Hasnabad end and was switched on at 09:37.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Dispatch Circle