

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

QF-LDC-08

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Reporting Date : 12-Apr-18

Till now the maximum generation is :-

10084.0

19:30 Hrs on 19-Mar-18

The Summary of Yesterday's		11-Apr-18	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :		6580.6 MW	9:00	Min. Gen. at	2:00 5187 MW
Evening Peak Generation :		8943.0 MW	19:00	Available Max Generation :	9656 MW
E.P. Demand (at gen end) :		8943.0 MW	19:00	Max Demand (Evening) :	9650 MW
Maximum Generation :		8943.0 MW	19:00	Reserve(Generation end)	6 MW
Total Gen. (MKWH) :		190.2	System Load Factor : 88.63%	Load Shed :	0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum		-880 MW	at	2:00	Energy	MKWHR.
Import from West grid to East grid :- Maximum		-	MW	at	-	- MKWHR.

Water Level of Kaptai Lake at 6:00 A M on 12-Apr-18
Actual : 86.87 Ft.(MSL) , Rule curve : 86.20 Ft.(MSL)

Gas Consumed :	Total =	936.89 MMCFD.	Oil Consumed (PDB) :			
				HSD :		Liter
				FO :		Liter
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk100,619,501				
	Coal :	Tk9,138,112	Oil :	Tk571,621,322	Total :	Tk681,378,935

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	3380				0		0%	
Chittagong Area	0	0:00	1145				0		0%	
Khulna Area	0	0:00	1025				0		0%	
Rajshahi Area	0	0:00	926				0		0%	
Comilla Area	0	0:00	837				0		0%	
Mymensingh Area	0	0:00	676				0		0%	
Sylhet Area	0	0:00	383				0		0%	
Barisal Area	0	0:00	174				0		0%	
Rangpur Area	0	0:00	521				0		0%	
Total	0		9068				0			

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
Nil	1) Barapukuria ST: Unit-1 2) Kaptai Unit- 5 3) Khulna ST 110 MW (04/11/14) 4) Ghorasal Unit-2,3,5 5) Baghabari 100 MW 6) Tongi GT 7) Chittagong Unit-1,2 8) Baghabari-71 MW 9) Siddhirganj 210 MW ST 10) Ashuganj ST: Unit- 2,3 11) Sylhet 20 MW 12) Khulna 230 MW 13) Haripur GT-1,2 14) Sirajgonj Unit-1 225 MW 15) Ashuganj (South) 360 MW

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

Description	Comments on Power Interruption
a) Sylhet-150 MW GT tripped at 10:29 showing TETC sensor fault and was synchronized at 11:19.	
b) Bheramara-Faridpur 132 kV Ckt-2 was shut down at 09:47 for replacing Y-phase loop between CT & isolator at Faridpur end and was switched on at 12:22.	
c) Hathazari 132/33 kV T-1 transformer was shut down at 08:18 for oil leakage from top cover join and was switched on at 11:20.	
d) Rangpur-Saidpur 132 kV Ckt-2 was shut down at 12:05 for red hot maintenance at Y-phase connector of wave trap at Rangpur end and was switched on at 14:40.	
e) Rangpur 132 kV Bus-B was shut down at 09:45 for corrective maintenance and was switched on at 10:50.	
f) Rampura-Bhulta 230 kV Ckt-1,2,3 & 4 were shutdown at 10:10,11:17,12:04 & 12:48 for development work and were switched on at 11:14,12:03,12:47 & 13:18 respectively.	
g) After maintenance Ashuganj #4 was synchronized at 12:56.	
h) Bhulta-Haripur 230 kV Ckt-1 & 2 were shut down at 13:25 & 13:45 for development work and were switched on at 13:42 & 14:04 respectively.	
i) Sylhet 132/33 kV T-1 & T-2 transformers tripped at 12:48 from 33 kV end showing O/C re breaker of Bateshwar got burst and was switched on at 13:40.	About 15 MW power interruption occurred under Sylhet S/S area from 12:48 to 13:40.
j) Sylhet 132/33 kV T-1 & T-2 transformers were forced shut down at 16:39 due to loop cor end and were switched on at 17:50.	About 44 MW power interruption occurred under Sylhet S/S area from 16:39 to 17:50.
k) Bheramara 230/132 kV TR-1 transformer tripped at 19:34 showing diff.E/F relay RY-phase and was switched on at 21:09.	
l) Baghabari 230/132 kV TR-2 transformer tripped at 19:35 showing main protection,Buchholz relay,general trip L2,L3 due to B-phase transformer got fired.	
m) Maniknagar-Matuail 132 kV Ckt tripped at 19:01 showing main protection and was switched on at 21:17.	
n) Haripur-Shyampur 132 kV Ckt tripped at 19:08 showing Z1,ABN-phase and was switched on at 19:34.	
o) Hasnabad- 230/132 kV TR-2 & TR-3 auto transformers tripped at 20:14 showing L/O at TR-2 & master trip at TR-3 and TR-3 was switched on at 21:18.	
p) Ashuganj #3 tripped at 21:50 showing E/F relay.	
q) Ashuganj(N)-450 MW CCPP GT tripped at 02:01(12/4/18) due to HGRG pressure abnormal and was synchronized at 05:28(12/4/18).	
r) Kabirpur-Tangail 132 kV Ckt-1 & 2 tripped at 23:53 showing dist.R,67N,DEF and were switched on at 00:07 & 058(12/4/18) respectively.	
s) After maintenance Bheramara-360 MW STG was synchronized at 05:39(12/4/18).	
t) Faridpur 132/33 kV T-1 & T-2 transformers tripped at 01:25(12/4/18) showing O/C relay and was switched on at 01:36(12/4/18).	About 12 MW power interruption occurred under Faridpur S/S area from 01:25 to 01:36(12/4/18).
u) Madaripur 132/33 kV T-1 transformer tripped at 00:26 showing O/V relay and was switched on at 02:04(12/4/18) .	
v) Mongla 132/33 kV T-1 & T-2 transformers tripped at 00:56 due to 33 kV feeder fault and were switched on at 01:03 & 01:04(12/4/18) respectively .	
w) Jashore 132/33 kV T-3 transformer tripped at 07:02 (12/4/18) due to problem 33 kV end and was switched on at 07:15(12/4/18).	
x) Madunaghat 132/33 kV T-2 transformer is under shut down at 07:50(12/4/18) due to work on isolator.	
y) Madaripur-Gopalganj 132 kV Ckt tripped at 00:37(12/4/18) showing dist.ABC and was synchronized at 00:37 to 01:37(12/4/18).	About 40 MW power interruption occurred under Madaripur S/S area from 00:37 to 01:37(12/4/18).

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Dispatch Circle