

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

QF-LDC-08

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Reporting Date : 20-Sep-18

Till now the maximum generation is :-

11623 MW

19:30 Hrs on 19-Sep-18

The Summary of Yesterday's	19-Sep-18	Generation & Demand	12:00	Today's Actual Min Gen. & Probable Gen. & Demand	8:00	7314 MW
Day Peak Generation :	9788.0	MW	12:00	Min. Gen. at	8:00	7314 MW
Evening Peak Generation :	11623.0	MW	19:30	Available Max Generation		12367 MW
E.P. Demand (at gen end) :	11623.0	MW	19:30	Max Demand (Evening) :		11800 MW
Maximum Generation :	11623.0	MW	19:30	Reserve(Generation end)		567 MW
Total Gen. (MKWH) :	246.5	System Load Factor :	88.36%	Load Shed		0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR					
Export from East grid to West grid :- Maximum		-480 MW	at 19:30	Energy	MKWHR.
Import from West grid to East grid :- Maximum		-	at -	Energy	- MKWHR.

Water Level of Kaptai Lake at 6:00 A M on 20-Sep-18					
Actual :	104.29	Ft.(MSL) ,	Rule curve :	103.14	Ft.(MSL)

Gas Consumed :	Total =	1128.83 MMCFD.	Oil Consumed (PDB) :		HSD :	Liter
					FO :	Liter
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk99,026,007	Oil :	Tk786,364,741	Total :	Tk902,485,143
	Coal :	Tk17,094,396				

Load Shedding & Other Information

Area	Yesterday		Today		Rates of Shedding (On Estimated Demand)
	MW	Estimated Demand (S/S end)	MW	Estimated Shedding (S/S end)	
Dhaka	0	0:00	4139	0	0%
Chittagong Area	0	0:00	1409	0	0%
Khulna Area	0	0:00	1263	0	0%
Rajshahi Area	0	0:00	1141	0	0%
Comilla Area	0	0:00	1031	0	0%
Mymensingh Area	0	0:00	832	0	0%
Sylhet Area	0	0:00	463	0	0%
Barisal Area	0	0:00	214	0	0%
Rangpur Area	0	0:00	642	0	0%
Total	0		11134	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-3,4 4) Baghabari 100 MW 5) Tongi GT 6) Chittagong Unit-2 7) Baghabari-71 MW 8) Ashuganj Unit-3 9) Haripur GT-1,2 10) Siddhirganj 210 MW ST 11) Kaptai #5 12) Meghnaghat CCPP 450 MW GT 2 13) Siddhirganj CCPP-335 MW

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

Description	Comments on Power Interruption
a) Siddhirganj-335 MW CCPP GT was shut down at 08:46.	
b) Kushiara-163 MW CCPP tripped at 10:20 due to GBC fault and GT & ST were synchronized at 11:53 & 21:30 resp.	
c) Comilla(N)-Chandpur 132 kV Ckt-2 tripped at 10:42 showing dist.C-phase at Cumilla(N) end & dir.E/F ,O/C relays and Chandpur end and was switched on at 10:58.	
d) Barishal(N)-Barishal(S) 132 kV Ckt-1 was under shut down from 10:47 to 12:39 for protection testing.	
e) Cumilla(N)-Meghnaghat 230 kV Ckt-1 tripped at 12:13 showing dist.Z1,AB at Cumilla(N) end & dist.Z2,AB at Meghnaghat end and was switched on at 12:32.	
f) Dohazari-Sikalbaha 132 kV Ckt-2 tripped at 11:48 showing dist.A-phase at Dohazari end & dist.at Sikalbaha end and was switched on at 12:11.	
g) Naogaon 132/33 kV T-1 transformer was under shut down from 08:20 to 15:39 for A/M.	
h) Julda-Sikalbaha 132 kV Ckt was under shut down from 11:15 to 13:30 for C/M.	
i) After maintenance Chandpur-163 MW CCPP ST was synchronized at 16:43.	
j) After maintenance Bhola-225 MW CCPP GT-2 was synchronized at 17:07.	
k) Bheramara HVDC-Khulna(S) 230 kV Ckt-2 was switched on at 17:27.	
l) Joydevpur 132/33 kV T-3 & T-4 transformer tripped at 18:24 showing O/C relay at 18:32 respectively.	About 100 MW Power interruption occurred under Joydevpur S/S area from 18:24 to 18:26
m) Barishal-Patuakhali 132 kV Ckt tripped at 20:39 showing O/C relay and was switched on at 20:47.	About 50 MW Power interruption occurred under Patuakhali S/S area from 20:39 to 20:47.
n) Rampura 230/132 kV TR-2 transformer tripped at 20:27 due to 132 kV R-phase CT burst.	
o) Rampura-Ullon 132 kV Ckt-1 & 2 tripped at 20:27 showing dist.Z1 from Rampura and was switched on at 23:51 & 23:27 respectively.	About 100 MW Power interruption occurred under Ullon S/S area from 20:27 to 23:27.
p) After restoration of gas Siddhirganj peaking GT-2 was synchronized at 21:30.	
q) Sikalbaha-150 MW was shut down at 21:14 due to gas shortage.	
r) Baroihat-Feni 132 kV Ckt-1 is under shut down at 06:37(20/9/18) for D/W.	
s) Baraulia 132/33 kV T-1 transformer was under shut down from 06:08 to 07:30 (20/9/18) for C/M.	
T) Bogura-Natore 132 kV Ckt-1 & 2 are under shut down at 06:43(20/9/18) for D/W.	
u) Bogura-Sirajganj 132 kV Ckt-1 & 2 are under shut down at 06:44(20/9/18) for D/W.	
v) Aminbazar 230/132 kV MT-2 transformer was shut down from 06:28 to 09:34(20/9/18) for red hot maint.at 132kV CB.	
w) Bhulta 132/33 kV T-1 transformer tripped at 01:17(20/9/18) showing self protection and was switched on at 01:21(20/9/18).	About 60 MW Power interruption occurred under Bhulta S/S area from 01:17 to 01:21(20/9/18).
x) Joydevpur 132/33 kV T-4 transformer tripped at 01:49(20/9/18) showing O/C relay and was switched on at 01:53.	
y) Barishal 132/33 kV T-1 transformer with 33 kV Bus is under shut down at 07:11(20/9/18) and was switched on at 09:39(20/9/18).	About 25 MW Power interruption occurred under Barishal S/S area from 07:11 to 09:39(20/9/18).
z) Palashbari 132/33 kV T-2 transformer was shut down at 04:20(20/9/18) due to DS to CB loop maintenance and was switched on at 04:55(20/9/18).	
aa) Siddhirganj Peaking GT-1 was synchronized at 10:31 and shut down at 21:48 due to gas shortage.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Dispatch Circle