

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

Revised

QF-LDC-08
Page -1

Reporting Date : 21-Dec-19

Till now the maximum generation is :-

12893 MW

21:00 Hrs on 29-May-19

The Summary of Yesterday's		20-Dec-19	Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand		
Day Peak Generation :		5827.3 MW	Hour :	12:00	Min. Gen. at	5:00	4596 MW
Evening Peak Generation :		7597.0 MW	Hour :	20:00	Available Max Generation :		14070 MW
E.P. Demand (at gen end) :		7597.0 MW	Hour :	20:00	Max Demand (Evening) :		8500 MW
Maximum Generation :		7597.0 MW	Hour :	20:00	Reserve(Generation end)		5570 MW
Total Gen. (MKWH) :		144.2	System Load Factor :	79.08%	Load Shed :		0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR							
Export from East grid to West grid :- Maximum				-443 MW	at	18:30	Energy MKWHR.
Import from West grid to East grid :- Maximum				MW	at	-	Energy - MKWHR.

Water Level of Kaptai Lake at 6:00 A M on		21-Dec-19	Rule curve :	104.10	Ft.(MSL)
Actual :	97.05	Ft.(MSL) ,			

Gas Consumed :	Total =	995.34 MMCFD.	Oil Consumed (PDB) :		
			HSD :		Liter
			FO :		Liter

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk120,164,666	Oil :	Tk59,481,606	Total : Tk197,808,326
	Coal :	Tk18,162,054			

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW	0:00	MW	MW	MW		
Dhaka	0	0:00	2988		0	0%	
Chittagong Area	0	0:00	1009		0	0%	
Khulna Area	0	0:00	903		0	0%	
Rajshahi Area	0	0:00	815		0	0%	
)	0	0:00	737		0	0%	
Mymensingh Area	0	0:00	595		0	0%	
Sylhet Area	0	0:00	342		0	0%	
Barisal Area	0	0:00	153		0	0%	
Rangpur Area	0	0:00	459		0	0%	
Total	0		8002		0		

Information of the Generating Units under shut down.

Planned Shut- Down

Forced Shut- Down

- | | |
|---------------------------|--------------------------|
| 1) Barapukuria ST: Unit-1 | 10) Ashuganj 225 MW CCPP |
| 2) Summit Meghna 305 M | 11) Bheramara-360 MW ST |
| 3) Ghorasal Unit-1,3,5,7 | 12) Baghabari 100 MW |
| 4) Chandpur CCPP | 13) Ashuganj North ST |
| 5) Sylhet 150 MW | 14) Sirajganj unit-2 |
| 6) Bhola-225 MW GT-1 & ST | |
| 7) Ashuganj Precision | |
| 8) Ashuganj 225 MW CCPP | |
| 9) Ashuganj unit-4,5 | |

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

Description	Comments on Power Interruption
a) Shyampur 132/33 kV GT-2 was shut down from 09:23 to 13:53 for A/M.	
b) Siddhirganj 230/132 kV T-2 Transformer was shut down from 08:05 to 14:56 for A/M.	
c) Joydevpur-Kodda 132 kV Ckt-1,2 were under shut down from 10:17 to 20:59 for A/M.	
d) Mongla 132/33 kV T-1 Transformer was shut down from 09:39 to 16:27 for A/M.	
e) Ishurdi-HVDC 230 kV Ckt-3 & 4 were under shut down since 10:30 to till now for C/M.	
f) Ishurdi 230 kV bus-2 was under shut down since 10:25 to till now for C/M.	
g) Ishurdi-Baghabari 230 kV Ckt-1 was under shut down since 10:25 to till now for C/M.	
h) Ishurdi 132/33 kV T-3 was under shut down from 08:48 to 12:22 for maintenance by NESCO.	
i) Shahjadpur 132/33 kV T-4 was under shut down since 09:55 for A/M.	
j) Modhumoti-Gopalganj 132 kV Ckt was under shut down from 10:19 to 11:49 for C/M.	
k) Barapukuria 230/132 kV T-3 Transformer was shut down from 10:40 to 13:04 for D/W.	
l) Barapukuria P/S- Barapukuria S/S 230 kV Ckt-2 was under shut down from 09:30 to 10:06 for D/W.	
m) Barapukuria P/S- Barapukuria S/S 230 kV Ckt-1 was under shut down from 10:08 to 10:33 for D/W.	
n) Benapole 33 kV bus under T-1 transformer was shut down from 09:06 to 11:52 for A/M.	
o) Joydevpur 132/33 kV T3 & T4 transformer tripped at 11:34 from 33 kV side showing O/C,E/F relay due to 33 kV Sreepur feeder fault and was switched on at 11:37.	About 69 MW power interruption occurred under Joydevpur S/S area from 11:34 to 11:37.
p) Chowmuhoni 132 kV bus was under shut down from 07:11 to 16:47 for bus arrangement of Hosaf P/P 132 kV line	
q) Chowmuhoni S/S- Hosaf P/P 132 kV line charged on at 20:05.	
r) After reconducting Saidpur-Purbasadipur 132 kV Ckt-2 switched on at 15:10 .	
s) After maintenance Shahjibazar 330 MW GT-1 was synchronized at 20:04.	
t) After maint Chandpur 150 MW GT was synchronized at 19:37 and tripped at 20:50 due to GBC problem.	
u) After maintenance HVDC Bheramara tie breaker 10C01B switched on at 15:25.	
v) Hosaf Power unit transformer 1 & 2 were switched on at 20:50,21:07 respectively.	
w) Barapukuria T01 & T02 were shut down from 14:15 to 15:20 one after another for SCADA integration .	
x) Ullon 132/33 kV T3 transformer tripped at 20:53 showing differential relay R & Y phase REF due to 33 kV cable burst at DPDC GIS S/S.	
y) Natore-Rajshahi 132 kV Ckt-2 is under shut down since at 06:28 for D/W.	
z) Khulshi-Hathazari 132 kV Ckt is under shutdown since at 07:26 for A/M.	
aa) Kulshi-madanaghat 132 kV Ckt is under shutdown since at 07:01 for A/M.	
ab) Mymensing 33 kv bus under T2 transformer shutdown since at 07:11 for PBS maintenance work.	About 34 MW power interruption occurred under Mymensing S/S area from 07:11 to till now
ac) Sirajganj #03 tripped at 07:41 due to DP high.	
ad) Faridpur- Bheramara 132 kV Ckt-1 is under shut down since at 07:29 for A/M.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle