

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

QF-LDC-08
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Reporting Date : 21-May-20

Till now the maximum generation is : -

12893 MW

21:00 Hrs on 21-May-19

The Summary of Yesterday's		20-May-20		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	7109.3 MW	Hour :	12:00	Min. Gen. at	6:00	2679 MW	
Evening Peak Generation :	6330.0 MW	Hour :	19:30	Available Max Generation :		14435 MW	
E.P. Demand (at gen end) :	6330.0 MW	Hour :	19:30	Max Demand (Evening) :		7500 MW	
Maximum Generation :	9291.0 MW	Hour :	1:00	Reserve(Generation end)		6935 MW	
Total Gen. (MKWH) :	167.6	System Load Factor :	75.16%	Load Shed :		0 MW	

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid :-	Maximum	-507 MW	at	3:00	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-May-20					
Actual :	75.12	Ft.(MSL) ,		Rule curve :	78.20	Ft.(MSL)

Gas Consumed :	Total =	946.57 MMCFD.	Oil Consumed (PDB) :		HSD :	Liter
					FO :	Liter
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk155,414,093	Oil :	Tk104,435,199	Total :	Tk282,105,627
	Coal :	Tk22,256,335				

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)	Today		Rates of Shedding (On Estimated Demand)
	MW	0:00		MW	0:00	
Dhaka	0	0:00	2710	0	0%	
Chittagong Area	0	0:00	913	0	0%	
Khujna Area	0	0:00	816	0	0%	
Rajshahi Area	0	0:00	737	0	0%	
Cumilla Area	0	0:00	666	0	0%	
Mymensingh Area	0	0:00	538	0	0%	
Sylhet Area	0	0:00	312	0	0%	
Barisal Area	0	0:00	139	0	0%	
Rangpur Area	0	0:00	415	0	0%	
Total	0		7245	0		

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Barapukuria ST: Unit-1,2 2) Bibiyana #3 3) Ghorasal Unit-1,2,3,5 & 7. 4) Ashuganj unit-5 5) Siddirganj-335 MW 6) Kaptai-2,5 7) Raozan # 2 9) Chandpur 163 MW 10) Bhola-225 MW GT-2.

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

Description	Comments on Power Interruption
a) Gopalganj(N)-Payra 400 kV Ckt-2 tripped at 08:10 from Gopalganj(N) end showing dist Z1,3 phase O/C E/F relay.	
b) Faridpur 132/33 kV T1 & T2 transformer tripped at 09:52 from 33 kV due to B phase CT of 33 kV Harukandi feeder got burst and was switched on at 09:57	About 55 MW power interruption occurred under Faridpur S/S areas from 09:52 to 09:57.
c) Haripur-Patulla(new S/S) 132 kV line was switched on at 12:17 from Haripur end.	
d) Shyampur-Patulla (new S/S) 132 kV line was switched on at 13:04 from Shyampur end.	
e) Fatulla(new) 132 kV bus-1,2 were switched on at 12:27,12:35 respectively.	
f) Sonargaon-Daudkandi 132 kV Ckt-2 tripped at 11:24 from both end showing dist Z1 B phase at Sonargaon end & dist Z1 C phase at Daudkandi end.	
g) Jamalpur 132/33 kV T-4 transformer was shut down from 09:30 to 12:20 for breaker pole maintenance.	
h) Aminbazar-Savar 132 kV Ckt-1,2 tripped at 17:41 from Aminbazar end showing Dist Z1,3 phase and were switched on at 17:54,18:04 respectively.	
i) Ghorasal-Ashuganj 132 kV Ckt-1 tripped at 17:20 from both end showing Dist B phase and was switched on at 17:47.	
j) Hasnabad all 33 kV incoming CB tripped at 20:08 due to 33 kV Lalbag feeder fault and was switched 20:42.	About 78 MW power interruption occurred under Hasnabad S/S areas from 20:08 to 20:42.
k) Ghorasal-Tongi 230 kV Ckt-1 tripped at 20:06 from both end showing Dist S phase,L/O at Tongi end and 3 phase dist E/F relay at Ghorasal end and was switched on at 20:24.	
l) Khulna(S)-HVDC Bheramara 230 kV Ckt-1 was under shut down from 19:00 to 23:56 from both end due to high voltage.	
m) HVDC Bheramara Block-2 was shut down at 21:49 due to lower 230 kV voltage.	
n) Baghabari 230/132 kV T1 & T2 transformer tripped at 00:01 due to heavy flashing of 132 kV side and was switched on at 02:58 at T2 transformer.	
o) Barapukuria S/S-Barapukuria P/S 230 kV Ckt-2 tripped at 00:01	
p) Ghorasal #4 was under shut down since 00:08 for Low demand.	
q) Siddirganj peaking GT-1,2 were under shut down since 23:48,00:24 respectively for low demand.	
r) Kushiara 163 MW CAPP was under shut down since 01:12 for low demand and was synchronized at 10:47.	
s) Meghnaghat GT1 was under shut down since 00:43 for low demand.	
t) Ishurdi-HVDC Bheramara 230 kV Ckt-3 tripped at 21:52 due to O/V and was switched on at 23:04.	
u) Bhola 225 MW CAPP GT tripped at 00:28 due to voltage fluctuation during the tripping Barisal(N), Barisal(S) & Patuakhali isolated from the grid	
v) Baghabari-Sirajganj 230 kV Ckt-1 tripped at 00:01 showing DTT,GT at Baghabari end & dist Z1,Z2,GT Sirajganj end .	
w) Ishurdi-Pabna 132 kV Ckt tripped at 23:58 showing dist E/F relay at Pabna end and was switched on at 00:12.	
x) Aminbazar-Manikganj power Ckt-2 tripped at 01:23 showing dist RST,Z01,GT at Aminbazar end and was switched on at 01:40.	
y) Rajshahi-Natore 132 kV Ckt-2 tripped at 00:08 showing dist Z1,SOTF,GT at Rajshahi end	
z) Rajshahi-Natore 132 kV Ckt-1 tripped at 04:32 showing dist C phase Rajshahi end and was switched on at 05:03.	
aa) Rajshahi-NPSL 132 kV Ckt tripped at 04:32 showing 67N,directional E/F relay .	
ab) Sirajganj #03 STG is under shut down since 05:17 for Low demand.	
ac) Ashuganj #03 STG is under shut down since 00:15 for Low demand.	
ad) Mymensingh RPCL GT-2,4 is under shut down since 00:08,02:36 for Low demand.	
ae) Aminbazar-Mirpur 132 kV Ckt-1,2 is under shut down since 07:22 for OPGW work.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle