

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

QF-LDC-08
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Reporting Date : 21-Sep-22

Till now the maximum generation is : - **14782.0**

21:00 Hrs on 16-Apr-22

The Summary of Yesterday's		20-Sep-22 Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	11336.0 MW	Hour :	11:00	Min. Gen. at	8:00 10377 MW
Evening Peak Generation :	13575.0 MW	Hour :	20:00	Available Max Generation :	13979 MW
E.P. Demand (at gen end) :	14031.0 MW	Hour :	20:00	Max Demand (Evening) :	14200 MW
Maximum Generation :	13575.0 MW	Hour :	20:00	Reserve(Generation end)	- MW
Total Gen. (MKWH) :	287.3	System Load Factor :	88.18%	Load Shed :	204 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR					
Export from East grid to West grid :- Maximum		1200 MW	at	18:30	Energy MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at	-	Energy - MKWHR.
Level of Kaptai Lake at 6:00 A.M on	21-Sep-22				
Actual :	96.98 Ft.(MSL) ,	Rule curve :	103.60	Ft.(MSL)	

Gas Consumed :	Total =	1027.24 MMCFD.	Oil Consumed (PDB) :		
			HSD :		Liter
			FO :		Liter
Cost of the Consumed Fuel (PDB+)	Gas :	Tk147,223,270			
	Coal :	Tk258,247,894	Oil :	Tk1,351,468,506	Total : Tk1,756,939,671

Load Shedding & Other Information

Area		Yesterday		Today	
		Estimated Demand (S/S end)		Estimated Shedding (S/S end)	
		MW		MW	
				Rates of Shedding (On Estimated Demand)	
Dhaka	75	0.00	4547	55	1%
Chittagong Area	0	0.00	1288	0	0%
Khulna Area	0	0.00	1700	15	1%
Rajshahi Area	0	0.00	1508	29	2%
Cumilla Area	40	0.00	1284	20	2%
Mymensingh Area	222	0.00	1061	60	6%
Sylhet Area	83	0.00	474	0	0%
Barisal Area	0	0.00	387	0	0%
Rangpur Area	0	0.00	838	25	3%
Total	420		13086	204	

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Barapukuria ST: Unit-2 2) Ghorasal-3, 3) Ashuganj-5 4) Baghabari-71,100 MW 5) Raozan unit-1&2 6) Siddhirganj 210 MW . 7) Shahjibazar 330 MW

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

a) Ramganj 132/33 kV T-2 transformer was under shut down from 08:08 to 10:01 due to R/H maintenance.	About 15 MW power interruption occurred under Ramganj S/S area from 08:08 to 10:01.
b) Baroaulia SASM 132/33 kV transformer tripped at 08:05 showing O/C, PT fail at 33 kV side and was switched on at 08:49 and again tripped at 09:06.	
c) Madanganj 132/33 kV T-1 transformer was under shutdown from 09:57 to 14:12 for protection test.	
d) Ashuganj-Sirajganj 230 kV Ckt-1 was under shut down from 11:59 to 19:50 for emergency bamboo trimming.	
e) Khulna(S)-Rampal 230 kV Ckt-1 was under shut down from 10:15 to 11:28 for C/M.	
f) Khulna(S)-Khulna 330 MW P.P. 230 kV Ckt was under shut down from 10:59 to 12:39 for protection test.	
g) HVDC 20DF24 filter was under shutdown from 10:14 to 11:08 for emergency maintenance.	
h) HVDC 400 kV Bus reactor was under shutdown from 11:19 to 12:52 for emergency maintenance.	
i) Kishoreganj 132/33 kV T-2 transformer was under shut down from 15:39 to 16:40 due to R/H maintenance by PDB.	About 60 MW power interruption occurred under Kishoreganj S/S area from 15:39 to 16:40.
j) Sreenagar 132/33 kV T-1 transformer was under shut down from 15:51 to 17:03 due to R/H maintenance by PBS.	About 15 MW power interruption occurred under Sreenagar S/S area from 15:51 to 17:03.
k) Chandpur 132/33 kV T-5 transformer was under shut down from 15:01 to 17:02 due to C/M.	
l) Kabirpur 132/33 kV T-1 transformer was under shut down from 14:38 to 14:57 due to R/H maintenance by PBS.	About 63 MW power interruption occurred under Kabirpur S/S area from 14:38 to 14:57.
m) Kabirpur 132/33 kV T-3 transformer was under shut down from 14:36 to 16:05 due to R/H maintenance by PBS.	About 87 MW power interruption occurred under Kabirpur S/S area from 14:36 to 16:05.
n) Magura 132/33 kV T-2 transformer was under shut down from 16:26 to 17:46 for D/W.	
o) Magura 132/33 kV T-1 transformer was under shut down from 13:37 to 14:53 for D/W.	
p) Magura-Jhenaidah 132 kV Ckt-1 was under shut down from 15:03 to 17:04 for D/W.	
q) Ghorashal unit-5 was synchronized at 17:02.	
r) Agargaon-Aminbazar 230 kV Ckt-1 was shutdown at 05:22(21/09/2022) for D/W.	
s) Agargaon-Satmosjid 132 kV Ckt-1 was shutdown at 05:48(21/09/2022) for D/W.	
t) Kodda 132/33 kV T-3 transformer was under shut down from 05:58(21/09/2022) to 07:36(21/09/2022) due to R/H maintenance.	
u) Chattak 132 kV Bus-B was shutdown at 06:50(21/09/2022) for C/M.	
v) Shahjibazar 132/33 kV T-4 transformer was shut down at 07:25(21/09/2022) for C/M by PDB.	About 35 MW power interruption has been running under Shahjibazar S/S area since 07:25(21/09/2022).
w) Bogura-Sirajganj 230 kV Ckt-2 was under shut down from 06:16(21/09/2022) to 08:28(21/09/2022) for C/M.	
x) Bogura(Old) 132/33 kV T-1 & T-2 transformer was under shut down from 06:38(21/09/2022) to 09:35(21/09/2022) for C/M.	About 60 MW power interruption occurred under Bogura S/S area from 06:38(21/09/2022) to 09:35.
y) Mohasthangar 33 kV full Bus was under shutdown from 06:47(21/09/2022) to 09:17(21/09/2022) for D/W.	About 45 MW power interruption occurred under Mohasthangar S/S area from 06:47(21/09/2022) to 09:17.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle