

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

QF-LDC-08
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Reporting Date : 29-Sep-20

Till now the maximum generation is :-		12893 MW	21:00	Hrs on	29-May-19
The Summary of Yesterday's		28-Sep-20	Generation & Demand		
Day Peak Generation :	9780.0 MW	Hour :	12:00	Min. Gen. at	7:00
Evening Peak Generation :	12111.0 MW	Hour :	19:30	Available Max Generation	13950 MW
E.P. Demand (at gen end) :	12111.0 MW	Hour :	19:30	Max Demand (Evening) :	12500 MW
Maximum Generation :	12111.0 MW	Hour :	19:30	Reserve(Generation end)	1450 MW
Total Gen. (MKWH) :	242.8	System Load Factor :	83.55%	Load Shed	0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR					
Export from East grid to West grid :- Maximum		174 MW	at	21:00	Energy
Import from West grid to East grid :- Maximum		-	at	-	Energy
Water Level of Kaptai Lake at 6:00 A M on					
Actual :	98.14	Ft.(MSL) ,	Rule curve :	105.52	Ft.(MSL)

Gas Consumed :	Total =	1121.04	MMCFD.	Oil Consumed (PDB) :	
				HSD :	Liter
				FO :	Liter
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk154,308,106		Oil :	Tk577,719,686
	Coal :	Tk78,263,060		Total :	Tk810,290,852

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) MW		
Dhaka	0	0:00	4504	0	0%
Chittagong Area	0	0:00	1536	0	0%
Khulna Area	0	0:00	1377	0	0%
Rajshahi Area	0	0:00	1244	0	0%
Cumilla Area	0	0:00	1124	0	0%
Mymensingh Area	0	0:00	907	0	0%
Sylhet Area	0	0:00	502	0	0%
Barisal Area	0	0:00	233	0	0%
Rangpur Area	0	0:00	700	0	0%
Total	0		12127	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-1,2,3,7 4) Ashuganj unit-3,4 5) Kaptai-2,4,5 6) Raozan #1,2 7) Sirajganj #1 8) Baghabari-71 MW,100 MW 9) Ashuganj (S)-360 MW
	10) Siddirganj-335 MW

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

Description	Comments on Power Interruption
a) Aminbazar-Mirpur 132 kV Ckt-1 was under shut down from 08:03 to 18:19 for A/M. b) Siddirganj-Haripur 132 kV Ckt-2 was under shut down from 07:57 to 09:56 for C/M. c) Rangpur 132/33 kV T-1 & T-2 transformers were under shut down from 08:25 to 09:55 for C/M.	About 50 MW power interruption occurred under Rangpur S/S area from 08:25 to 09:55.
d) Bogura-Sherpur 132 kV Ckt-1 was under shut down from 10:29 to 11:00 for C/M. e) Khulna (C) 132/33kV T-1 transformer was under shut down from 10:10 to 12:21 for oil leakage maint. f) Faridpur 132/33 kV T-3 transformer was under shut down from 10:25 to 11:04 due to Bheramara Ckt-2 B-phase conductor arming.	About 7 MW power interruption occurred under Faridpur S/S area from 10:25 to 11:04.
g) Bogura-B.Pukuria 230 kV Ckt-1 was under shut down from 12:59 to 13:55 for right of way. h) Agrabad 132 kV Bus-1 was shut down at 10:23 for maintenance. i) Noapara 132/33 kV T-1 transformer was under shut down from 10:51 to 15:29 for C/M. k) Rajendrapur 132/33 kV T-1 & T-2 transformers tripped at 13:20 showing bus bar protection and were switched on at 13:55 & 13:47 respectively.	About 98 MW power interruption occurred under Rajendrapur S/S area from 13:20 to 13:47.
l) Sonargaon-Daudkandi 132 kV Ckt-1 was under shut down from 14:08 to 16:43 for C/M. m) Purbasadipur-Thakurgaon 132 kV Ckt-1 was under shut down from 16:26 to 16:35 for protection work. n) Siddirganj-335 MW tripped at 18:02 showing exhaust temperature high. o) Bhola-225 MW GT-1 & ST tripped at 18:02 and GT-1 was synchronized at 20:13. p) Mohastanghor-Palashbari 132 kV Ckt-1 & 2 tripped at 19:30 showing dist.A-phase & O/C relays at Palashbari end and were switched on at 19:49.	About 150 MW power interruption occurred under Rangpur zone areas from 19:30 to 19:49. About 80 MW power interruption occurred under Bogura S/S area from 19:23 to 20:00.
q) Bogura 132/33 kV T-3 & T-4 transformers tripped at 19:23 showing O/C relay due to CT burst of 33 kV end and were switched on at 21:46 & 20:00 respectively. r) Saidpur-Purbasadipur 132 kV Ckt-1 was under shut down from 15:03 to 15:23 for protection work. s) Sikabaha-TK Chemical 132 kV Ckt-1 tripped at 20:42 showing dist.3-phase. t) Madunaghat-TK Chemical 132 kV Ckt tripped at 20:40 showing E/F relay and was switched on at 20:51. u) Madunaghat-Sikalbaha 230 kV Ckt-1 & 2 tripped at 20:58 showing O/C relay and were switched on at 23:35. v) Sikabaha-Dohazari 132 kV Ckt-1 tripped at 05:51(29/9/20) showing dist.Z2 B-phase at Sikabaha end & dist.Z1 B-phase at Dohazari end and was switched on at 07:13(29/9/20).	About 18 MW power interruption occurred under Palashbari S/S area from 07:05 to 08:10(29/9/2020).
w) Palashbari 132/33 kV T-2 transformer along with 33 kV Bus were shut down at 07:05(29/9/20) due to red hot maintenance and was switched on at 08:10(29/9/20). x) Mymensing 132/33 kV T-3 transformer was under shut down from 07:10 to 09:58(29/9/20) for C/M. y) Chuadanga 132/33 kV T-1 transformer was shut down at 07:06(29/9/20) due to red hot maintenance at 33 kV B-phase loop and was switched on at 09:43(29/9/20).	About 30 MW power interruption occurred under Chuadanga S/S area from 07:06 to 09:43(29/9/2020).

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle