

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

QF-LDC-08
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Till now the maximum generation is :-		14782.0		21:00 Hrs on 16-Apr-22		Reporting Date : 10-Aug-22
The Summary of Yesterday's		9-Aug-22	Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	10618.0 MW	Hour :	12:00	Min. Gen. at	7:00	10360 MW
Evening Peak Generation :	12815.0 MW	Hour :	21:00	Available Max Generation :		13000 MW
E.P. Demand (at gen end) :	13400.0 MW	Hour :	21:00	Max Demand (Evening) :		13800 MW
Maximum Generation :	12815.0 MW	Hour :	21:00	Reserve(Generation end)		- MW
Total Gen. (MKWH) :	271.6	System Load Factor :	88.32%	Load Shed		737 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR						
Export from East grid to West grid - Maximum		262 MW	at	21:00	Energy	MKWHR.
Import from West grid to East grid - Maximum		-	at	-	Energy	- MKWHR.
Level of Kaptai Lake at 6:00 A.M on	10-Aug-22					
Actual :	95.34	FL(MSL) :	91.56	FL(MSL)		

Gas Consumed :	Total =	1015.22 MMCFD.	Oil Consumed (PDB) :			
				HSD :		Liter
				FO :		Liter
Cost of the Consumed Fuel (PDB+Pv)	Gas :	Tk148,168,816	Coal :	Tk172,007,914	Oil :	Tk1,419,331,503
					Total :	Tk1,739,508,233

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)	Today		Rates of Shedding (On Estimated Demand)
	MW	0:00		MW	MW	
Dhaka	109	0:00	4419	200	5%	
Chittagong Area	0	0:00	1251	80	6%	
Khulna Area	70	0:00	1652	92	6%	
Rajshahi Area	75	0:00	1466	85	6%	
Cumilla Area	90	0:00	1248	90	7%	
Mymensingh Area	140	0:00	1031	100	10%	
Sylhet Area	0	0:00	460	30	7%	
Barisal Area	0	0:00	375	0	0%	
Rangpur Area	55	0:00	814	60	7%	
Total	539		12718	737		

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit-2 2) Ghorasal-3.4 3) Ashuganj-5 4) Baghabari-71,100 MW 5) Raozan unit-2 6) Siddhirganj 210 MW . 7) Sikabaha 225 MW 8) Shajibazar 330 MW 9) Siddhirganj 335 MW
	10) Payra unit-2

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

a) BholaNutun Biddut-220 MW CAPP ST tripped at 08:58 showing E/F relay and was synchronized at 14:43. b) Natore 132/33 kV T-3 transformer was shut down at 08:15 due to red hot maintenance at LT R-phase bushing and was switched on at 10:26. c) Netrokona 132/33 kV T-1 transformer was under shut down from 09:28 to 10:37 for C/M. d) Rangpur 132/33 kV T-2 transformer was shut down at 08:38 due to red hot maintenance at 33 kV bus and was switched on at 10:01. e) Haripur-412 MW CAPP ST was forced shut down at 12:43. f) Barishal-Patuakhali 132 kv Ckt tripped at 15:20 showing dist.relay at Patuakhali end and was switched on at 15:25. g) Sirajganj #2 CAPP ST tripped at 16:56 due to problem with feed water valve. h) Bibiyana(S)-400 MW CAPP GT was synchronized at 18:46. i) Kabirpur-Kodda 132 kV Ckt-2 was under shut down from 14:50 to for C/M. j) Bhandaria 132/33 kV T-1 & T-2 transformers tripped at 14:40 showing O/C,E/F relays due to 33 kV Banna feeder fault and were switched on at 14:46. k) Madunaghat 132/33 kV T-2 transformer was under shut down from 15:53 to 18:48 for 33 kV bus maintenance. l) Jashore 132/33 kV T-1 transformer tripped at 16:14 showing E/F relay due to 33 kV Bagharpara feeder fault and was switched on at 16:33. m) Shariatpur 132/33 kV T-1 & T-2 transformers tripped at 18:45 showing O/C,E/F relays due to 33 kV CB of PBS feeder fault and were switched on at 19:04. n) Siddhirganj 230/132 kV T-2 transformer tripped at 02:26(10/8/22) showing PRD. o) Kodda-Kabirpur 132 kV Ckt-2 is under shut down since 06:10(10/8/22) for D/W. p) Ashuganj 132 kV bus-2 is under shut down since 06:59(10/8/22) for C/M. q) Shahjadpur-Baghabari 132 kV Ckt-1 & 2 tripped at 06:36(10/8/22) due to PT burst of Baghabari-Ishurdi 132 kV Ckt and were switched on at 07:29(10/8/22). r) Ishurdi-Baghabari 132 kV Ckt tripped at 06:36(10/8/22) due to R-phase PT burst at Baghabari end. s) Megnaghat-450 MW GT-2 was synchronized at 02:37 & GT-1 was shut down at 05:26(10/8/22).	About 15 MW power interruption occurred under Natore S/S area from 08:15 to 10:26. About 40 MW power interruption occurred under Rangpur S/S area from 08:38 to 10:01. About 75 MW power interruption occurred under Barishal & Barguna S/S area from 15:20 to 15:25. About 12 MW power interruption occurred under Bhandaria S/S area from 14:40 to 14:46. About 30 MW power interruption occurred under Jashore S/S area from 16:14 to 16:33.
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Sub Divisional Engineer Network Operation Division	Executive Engineer Network Operation Division	Superintendent Engineer Load Despatch Circle
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