

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

QF-LDC-08
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Reporting Date : 18-Aug-22

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

21:00 Hrs on 16-Apr-22

The Summary of Yesterday's 17-Aug-22		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	11231.0 MW	Hour :	9:00	Min. Gen. at	7:00 10556 MW
Evening Peak Generation :	13413.0 MW	Hour :	21:00	Available Max Generation :	14423 MW
E.P. Demand (at gen end) :	14200.0 MW	Hour :	21:00	Max Demand (Evening) :	14000 MW
Maximum Generation :	13584.0 MW	Hour :	22:00	Reserve(Generation end)	423 MW
Total Gen. (MKWH) :	283.2	System Load Factor	: 86.87%	Load Shed	: 0 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	238 MW	at	19:00	Energy	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at	-	Energy - MKWHR.
Level of Kaptai Lake at 6:00 A.M on 18-Aug-22	Actual : 95.81 Ft.(MSL) ;	Rule curve :	94.44 Ft. (MSL)		

Gas Consumed : Total = 1023.03 MMCFD.	Oil Consumed (PDB) :	HSD :	Liter
		FO :	Liter
Cost of the Consumed Fuel (PDB)	Gas : Tk156,458,014		
	Coal : Tk205,560,442	Oil : Tk1,366,717,902	Total : Tk1,728,736,358

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)	Today		Rates of Shedding (On Estimated Demand)
	MW	0:00		MW	Estimated Shedding (S/S end)	
Dhaka	0	0:00	4483	0	-1%	
Chittagong Area	0	0:00	1270	0	1%	
Khulna Area	165	0:00	1676	0	2%	
Rajshahi Area	155	0:00	1488	0	2%	
Cumilla Area	105	0:00	1266	0	2%	
Mymensingh Area	170	0:00	1046	0	3%	
Sylhet Area	55	0:00	467	0	1%	
Barisal Area	0	0:00	381	0	-2%	
Rangpur Area	75	0:00	826	0	3%	
Total	725		12902	0		

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) Sikalbaha 225 MW 8) Shajibazar 330 MW 9) Siddhirganj 335 MW

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

a) Haripur-Bhulta 230 kV Ckt-1 Mid CB was under shut down from 07:55 to 14:11 for C/M. b) Sikalbaha-Juldah 132 kV Ckt was under shut down from 08:24 to 16:52 for D/W. c) Tongi-Kalikoir 230 kV Ckt was under shut down from 10:42 to 04:48(18-08-2022) for C/M. d) Ghorasal GIS-Ghorasal #04 230 kV Ckt was under shut down from 11:49 to 16:53 for C/M. e) Gopalganj old 132/33 kV T-1 transformers was shut down at 12:14 for C/M of 33 kV CB. f) Khulna@ 132/33 kV T3 transformer tripped at 09:54 showing O/C,E/F relay and was switched on at 10:03 again trip at 10:12 showing same relay and was switched on at 10:25. g) Bogura 132/33 kV T-3 transformer was shut down from 08:56 to 10:48 for C/M. h) Bogura-Mahastanghor 132 kV Ckt-1 was under shut down from 09:26 to 11:52 for C/M. i) Lalmonirhat 132/33 kV T-2 transformer was shut down from 12:10 to 14:22 for C/M. j) Rampur 132/33 kV ATR-2 transformer was shut down from 10:26 to 11:17 for C/M. k) Kaptai #02 tripped at 10:20 and was synchronized at 10:37. l) Ullon 132/33 kV GT-2 transformer was shut down from 10:32 to 14:47 for C/M. m) Chandpur 132/33 kV T-5 transformer was switched on at 13:40. n) Gallamari 132/33 kV T1 & T2 transformer tripped at 18:10 due to 33 kV CT burst and were switched on at 18:30	About 26 MW power interruption occurred under Khulna(C) S/S area from 09:54 to 10:25.
o) Sylhet 132/33 kV T4 transformer tripped at 18:46 showing O/C relay and was switched on at 23:01. p) Rampal-Gopalganj 400 kV Ckt-1 was switched on at 18:02. q) Payra-Gopalganj 400 kV Ckt-1 was switched on at 17:24. r) Payra #02 was synchronized at 15:57. t) Chandpur Desh-Ramganj 132 kV Ckt-1,2 tripped at 06:04 from Chandpur Desh end showing backup protection and were switched on at 06:25. u) Chandpur -Kachua 132 kV Ckt-1,2 tripped at 06:04 from Kachua end showing O/C,protection lock out and were switched on at 06:18. v) Cumilla(S) -Chaddogram 132 kV Ckt-1,2 tripped at 06:04 from Cumilla(S) end showing O/C were switched on at 06:12. w) Above reason low voltage occurred under CTG Zone & all generation of CTG zone (1164 MW) got tripped for this reason Feni-Hathazari 132 kV Ckt both Ckt running O/L. x) Chandpur 132/33 kV T-5 transformer tripped at 06:04 showing O/V and was switched on at 07:32(18-8-22). y) Bhulta 132/33 kV T1 & T2 transformer tripped at 05:54(18-08-2022) showing O/C relay and were switched on at 06:24,06:32 respectively. z) Kaptai-Chandraghona 132 kV Ckt-1,2 tripped at 06:04 from Chandraghona end showing voltage protection and were switched on at 07:00(18-08-22). aa) Mirpur 132/33 kV T-2 transformer was shut down since at 06:20(18-08-22) for C/M. ab) Ashuganj 230/132 kV OAT-12 tripped at 06:04 Showing O/C really and was switched on at 10:33. ac) Chandpur 132/33 kV T-1,T-2 transformer were under shut down from 07:41 to 09:09(18-08-22) for 33 kV bus section red hot main work by PDB.	About 50 MW power interruption occurred under Gallamari S/S area from 18:10 to 18:30. About 50 MW power interruption occurred under Chandpur S/S area from 06:04 to 06:18(18-08-2022) About 22 MW power interruption occurred under Chandpur S/S area from 07:41 to 09:09(18-08-2022)

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle