

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

QF-LDC-08
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Reporting Date : 31-Jul-22

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

21:00 Hrs on 16-Apr-22

The Summary of Yesterday's 30-Jul-22 Generation & Demand				Today's Actual Min Gen. & Probable Gen. & Demand			
Day Peak Generation :	11036.0 MW	Hour :	9:00	Min. Gen. at	8:00	10816 MW	
Evening Peak Generation :	12836.0 MW	Hour :	21:00	Available Max Generation :		12935 MW	
E.P. Demand (at gen end) :	13500.0 MW	Hour :	21:00	Max Demand (Evening) :		14000 MW	
Maximum Generation :	12893.0 MW	Hour :	22:00	Reserve(Generation end)		- MW	
Total Gen. (MKWH) :	274.0	System Load Factor :	88.57%	Load Shed :		981 MW	

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

Export from East grid to West grid :- Maximum	336 MW	at	19:00	Energy	MKWHR.
Import from West grid to East grid :- Maximum	-	at	-	Energy	- MKWHR.
Level of Kaptai Lake at 6:00 A.M on 31-Jul-22					
Actual : 91.98 Ft.(MSL) ,	Rule curve :	88.83	Ft.(MSL)		

Gas Consumed : Total =	1034.20 MMCFD.	Oil Consumed (PDB) :		HSD :		Liter
				FO :		Liter
Cost of the Consumed Fuel (PDB+)	Gas : Tk156,278,155					
	Coal : Tk264,548,449	Oil : Tk1,086,679,393	Total : Tk1,507,505,998			

Load Shedding & Other Information

Area	Yesterday	Estimated Demand (S/S end)	Today	Estimated Shedding (S/S end)	Rates of Shedding (On Estimated Demand)
	MW	MW		MW	
Dhaka	267	0:00	4483	250	6%
Chittagong Area	36	0:00	1270	90	9%
Khulna Area	145	0:00	1676	130	9%
Rajshahi Area	137	0:00	1488	140	10%
Cumilla Area	152	0:00	1266	100	9%
Mymensingh Area	167	0:00	1046	150	10%
Sylhet Area	0	0:00	467	41	9%
Barisal Area	0	0:00	381	0	0%
Rangpur Area	77	0:00	826	80	10%
Total	981		12902	981	

Information of the Generating Units under shut down.

Planned Shut- Down	Forced Shut- Down
	1) Barapukuria ST: Unit-1,2 2) Ghorasal-3,4 3) Ashuganj-5 4) Baghabari-71,100 MW 5) Raosan unit-1,2 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) Netrokona 132/33 kV T-2 transformer tripped at 08:12 showing Buchholz relay. b) Halishahar 132/33 kV T-1 was under shut down from 08:25 to 11:21 for D/W. c) Kabirpur 132/33 kV T-3 transformer was shut down at 08:59 due to 33 kV PBS Radio feeder bus DS maintenance and was switched on at 09:49. d) Jaldah 132 kV Bus-A was under shut down from 10:30 to 13:46 for D/W. e) Payra 400/132/33 kV ATR-1 transformer was shut down at 09:44 for C/M. f) Tangail-Kaliakoir 230 kV Ckt was shut down at 11:22 due to DFDR commissioning. g) Mohastanghor 132/33 kV T-1 transformer was shut down at 12:38 for C/M. h) Barapukuria 132/33 kV T-3 transformer was shut down at 13:05 due to red hot maintenance at 33 kV Fulbari feeder and was switched on at 15:04. i) Rampal-Khulna(S) 230 kV Ckt-2 was under shut down from 15:36 to 19:42 for D/W. j) Siddhirganj-Haripur 230 kV Ckt-1 & 2 tripped at 19:45 showing dist.relay and was switched on at 20:12. k) Fatullah-Haripur 132 kV Ckt tripped at 19:47 showing dist.Z2 and was switched on at 20:42. l) Ullon-Siddhirganj 132 kv Ckt-1 was under shut down from 23:54 to 01:59 due to red hot maintenance at bus DS at Ullon end. m) Faridpur 132/33 kV T-1 & T-2 transformers tripped at 00:15(31/7/22) showing O/C,E/F relays due to 33 kV TR-2 feeder loop out and was switched on at 00:46(31/7/22). n) Ashuganj(N)-360 MW tripped at 00:09(31/7/22) due to cooling fan trip and GT was synchronized at 02:18(31/7/22) and again tripped at 03:35(31/7/22) and synchronized at 04:53(31/7/22). o) Matarbari 132/33 kV T-1 transformer tripped at 02:30(31/7/22) showing E/F relay and was switched on at 04:08(31/7/22). p) Purbasadiipur 132/33 kV T-1 & T-2 transformers tripped at 03:50(31/7/22) showing O/C,E/F relays due to 33 kV Bochaganj feeder fault and was switched on at 04:22(31/7/22). q) Matarbari 132/33 kV T-1 & T-2 transformers tripped at 04:32(31/7/22) due to flashing at 33 kV Chokoria feeder and was switched on at 04:52(31/7/22). r) Ashuganj 230/132 kV OAT-12 transformer tripped at 03:23(31/7/22) showing O/L. s) Barapukuria 230/132 kv T-6 transformer tripped at 05:05(31/7/22) showing PRD and was switched on at t) Sunamganj-Chattak 132 kV Ckt tripped at 06:30(31/7/22) showing 67N,PT fuse fail and was switched on at 07:00(31/7/22).	About 30 MW power interruption occurred under Kabirpur S/S area from 08:59 to 09:49. About 14 MW power interruption occurred under Barapukuria S/S area from 13:05 to 15:04. About 94 MW power interruption occurred under Faridpur S/S area from 00:15 to 00:46(31/7/22). About 85 MW power interruption occurred under Purbasadiipur S/S area from 03:50 to 04:22(31/7/22). About 15 MW power interruption occurred under Matarbari S/S area from 04:32 to 04:52(31/7/22).
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Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle