

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

QF-LDC-08
Page -1

Till now the maximum generation is : -		14782.0	21:00 Hrs on 16-Apr-22	Reporting Date : 1-Oct-22
The Summary of Yesterday's		30-Sep-22	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand
Day Peak Generation :	10869.0 MW	Hour :	12:00	Min. Gen. at 8:00 10525 MW
Evening Peak Generation :	13010.0 MW	Hour :	20:00	Available Max Generation : 13585 MW
E.P. Demand (at gen end) :	13921.0 MW	Hour :	20:00	Max Demand (Evening) : 14300 MW
Maximum Generation :	13010.0 MW	Hour :	20:00	Reserve(Generation end) : - MW
Total Gen. (MKWH) :	282.1	System Load Factor	: 90.36%	Load Shed : 659 MW

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR					
Export from East grid to West grid :- Maximum		615 MW	at 12:00	Energy	MKWHR.
Import from West grid to East grid :- Maximum	-	MW	at -	Energy	- MKWHR.
Level of Kaptai Lake at 6:00 A.M on 1-Oct-22		Rule curve :	106.00	Ft.(MSL)	
Actual : 96.97	Ft.(MSL) :				

Gas Consumed :	Total = 990.59 MMCFD.	Oil Consumed (PDB) :		HSD : Liter
				FO : Liter
Cost of the Consumed Fuel (PDB+ :	Gas : Tk147,442,530			
	Coal : Tk274,537,912	Oil : Tk1,277,623,736	Total : Tk1,699,604,178	

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		MW			
Dhaka	93	0:00	4579		153		153		3%	
Chittagong Area	0	0:00	1297		72		72		6%	
Khulna Area	223	0:00	1712		102		102		6%	
Rajshahi Area	140	0:00	1519		98		98		6%	
Cumilla Area	40	0:00	1293		80		80		6%	
Mymensingh Are	178	0:00	1068		71		71		7%	
Sylhet Area	79	0:00	477		27		27		6%	
Barisal Area	0	0:00	389		0		0		0%	
Rangpur Area	87	0:00	843		56		56		7%	
Total	840		13179		659					

Information of the Generating Units under shut down.

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

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

a) Payra 400/132 kV T-01 transformer was shutdown at 10:23 for SAS work. b) Payra 1320 MW P.P.-Payra S/S 400 kV Ckt-3 was shutdown at 10:23 for SAS work. c) Narail 132/33 kV T-2 transformer was under shut down from 10:22 to 11:02 for R/H maintenance. d) Sikalbaha 225 MW STG was synchronized at 11:17. e) Barapukuria Unit-1 was force shutdown at 16:26 due to coal shortage. f) Rampura-Bashundhara 132 kV Ckt-1 tripped at 20:01 from both ends showing Dist. Z1, B-φ at Rampura end and Dist. Z1, General protection relay at Bashundhara end and was switched on at 20:30. g) 33 kV side of Mymensingh 132/33 kV T-1 & T-2 transformers tripped at 02:10(01/10/2022) showing E/F at T-1 & O/C at T-2 due to 33 kV PDB Aqua feeder fault and were switched on at 02:34(01/10/2022). h) Mirpur 132/33 kV T-2 transformer was under shut down from 06:36(01/10/2022) to 07:49(01/10/2022) due to R/H maintenance at 132 kV B-φ bushing. i) Shariatpur 132/33 kV T-1 transformer was shut down at 07:11(01/10/2022) for A/M. j) Bogura-Naogaon 132 kV Ckt-2 was shut down at 07:45(01/10/2022) for D/W. k) Mymensingh 132 kV Bus-A was shut down at 07:41(01/10/2022) for C/M. l) Mymensingh 132/33 kV T-1 transformer was shut down at 07:55(01/10/2022) for C/M. m) Mymensingh-Mymensingh solar 132 kV Ckt was shut down at 07:28(01/10/2022) for C/M.	About 140 MW power interruption occurred under Mymensingh S/S area from 02:10(01/10/2022) to 02:34. About 15 MW power interruption occurred under Mirpur S/S area from 06:36(01/10/2022) to 07:49. About 120 MW power interruption has been running under Mymensingh S/S area since 07:41(01/10/2022).
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Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle