

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

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Till now the maximum generation is : -		<b>14782.0</b>	21:00 Hrs on 16-Apr-22	Reporting Date : 19-Sep-22
<b>The Summary of Yesterday's</b>		18-Sep-22	<b>Generation &amp; Demand</b>	<b>Today's Actual Min Gen. &amp; Probable Gen. &amp; Demand</b>
Day Peak Generation :	11732.0 MW	Hour :	12:00	Min. Gen. at 7:00 10447 MW
Evening Peak Generation :	13498.0 MW	Hour :	20:00	Available Max Generation : 13908 MW
E.P. Demand (at gen end) :	13960.0 MW	Hour :	20:00	Max Demand (Evening) : 14000 MW
Maximum Generation :	13498.0 MW	Hour :	20:00	Reserve(Generation end) - MW
Total Gen. (MKWH) :	290.2	System Load Factor :	89.58%	Load Shed : 85 MW

<b>EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR</b>				
Export from East grid to West grid :- Maximum		750 MW	at 24:00	Energy MKWHR.
Import from West grid to East grid :- Maximum		MW	at -	Energy - MKWHR.
Level of Kaptai Lake at 6:00 A.M on 19-Sep-22		Rule curve :	102.91	Ft.( MSL )
Actual :	96.72			Ft.(MSL) ,

Gas Consumed : Total =	991.27 MMCFD.	Oil Consumed (PDB) :		HSD : Liter
				FO : Liter
Cost of the Consumed Fuel (PDB+P) :	Gas : Tk150,703,441	Coal : Tk263,334,292	Oil : Tk1,366,205,647	Total : Tk1,780,243,379

**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)	
Dhaka	0	0:00	4547	0	0%
Chittagong Area	0	0:00	1288	0	0%
Khulna Area	56	0:00	1700	0	0%
Rajshahi Area	105	0:00	1508	25	2%
Cumilla Area	25	0:00	1284	20	2%
Mymensingh Area	176	0:00	1061	25	2%
Sylhet Area	10	0:00	474	0	0%
Barisal Area	0	0:00	387	0	0%
Rangpur Area	54	0:00	838	15	2%
<b>Total</b>	<b>426</b>		<b>13086</b>	<b>85</b>	

Information of the Generating Units under shut down.

Planned Shut- Down	<b>Forced Shut- Down</b>
	1) Barapurkia ST: Unit-2 2) Ghorasal-3, 3) Ashuganj-5 4) Baghabari-71,100 MW 5) Raocan unit-2 6) Siddhirganj 210 MW . 7) Sikabaha 225 MW 8) Shajibazar 330 MW

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

<p>a) Rangpur S/S-Rangpur 20 MW 132 kV Ckt was shut down at 10:10 for maintenance work.</p> <p>b) Juldah S/S-Juldah-1 132 kV Ckt was under shut down from 10:44 to 12:30 for LA maintenance work by P/S.</p> <p>c) GK 132/33 kV T-2 transformer along with 33 kV Bus was under shut down from 09:05 to 16:06 for D/W.</p> <p>d) Khulna(C)-Goalpara 132 kV Ckt-1 &amp; 2 tripped at 12:08 due to flashing at Khulna(C)-Goalpara Ckt-2 showing Dist. Z1,B,E/F relay at Ckt-2 and Dist. Z2,B,E/F relay at Ckt-1 and were switched on at 13:07 &amp; 13:20 respectively.</p> <p>e) Khulna 225 MW tripped at 12:07 due to external electrical fault and GT was synchronized at 12:51.</p> <p>f) Khulna 225 MW-Khulna(C) 132 kV both Ckts tripped at 12:07 and were switched on at 12:49 &amp; 12:51 respectively.</p> <p>g) Bagerhat-Bhandaria 132 kV Ckt closed at 1'2:38 and was opened at 13:08.</p> <p>h) Hathazari-Sikalbaha 230 kV Ckt-1 &amp; 2 tripped at 20:20 showing Dist. Z1,Y at Hathazari end &amp; Dist.Z1, Z2,Y at Sikabaha end and were switched on at 21:17 &amp; 21:46 respectively. At the same time 744 MW Generation got tripped.</p> <p>i) Sikabaha 230/132 kV T-1 &amp; T-2 transformer tripped at 20:20 showing O/C relay and was switched on at 22:35.</p> <p>j) Sikabaha-Shikalbaha Intermediate 230 kV Ckt-1 &amp; 2 tripped at 20:20 from Sikabaha end showing Gen. trip 3-φ.SOTF and was switched on at 22:55.</p> <p>k) Chuadanga 132/33 kV T-2 and T-3 transformer were under shut down from 06:12(19/9/2022) to 07:22 for R/H maintenance at 33 kV side.</p>	<p>About 14 MW power interruption occurred under GK S/S area from 09:05 to 16:06.</p> <p>About 119 MW power interruption occurred under Goalpara,Bagerhat,Mongla S/S areas from 12:08 to 12:38.</p> <p>About 35 MW power interruption occurred under Chuadanga S/S area from 06:12(19/9/2022) to 07:22</p>
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Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle