

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

Reporting Date : 9-Sep-23

Till now the maximum generation is :-		15648.0		21:00		Hrs on 19-Apr-23	
The Summary of Yesterday's		8-Sep-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	10585.0 MW	Hour :	12:00	Min. Gen. at	7:00	10895	
Evening Peak Generation :	13259.0 MW	Hour :	21:00	Available Max Generation :		14857	
E.P. Demand (at gen end) :	13300.0 MW	Hour :	21:00	Max Demand (Evening) :		14300	
Maximum Generation :	13259.0 MW	Hour :	21:00	Reserve(Generation end)		57	
Total Gen. (MKWH) :	278.05	System Load Factor	87.38%	Load Shed		0	

Export from East grid to West grid :- Maximum		1030 MW		at 20:00		Energy	
Import from West grid to East grid :- Maximum		-		-		Energy	
Water Level of Kaptai Lake at 6:00 A.M on		9-Sep-23		-		-	
Actual :	106.36	FL(MSL) :		Rule curve :	10084.00	FL(MSL) :	

Gas Consumed :	Total =	1070.15 MMCFD.		Oil Consumed (PDB) :		HSD :	
						FO :	
Cost of the Consumed Fuel (PDB+Pv) :		Gas :	Tk152,840,131	Oil :	Tk441,214,558	Total :	Tk1,213,371,273
		Coal :	Tk619,316,584				

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW	Time	MW	Time	MW	Time	
Dhaka	0	0:00	5019		0		0%
Chittagong Area	0	0:00	1382		0		0%
Khulna Area	0	0:00	1937		0		0%
Rajshahi Area	0	0:00	1684		0		0%
Cumilla Area	0	0:00	1385		0		0%
Mymensingh Area	39	0:00	1031		0		0%
Sylhet Area	0	0:00	577		0		0%
Barisal Area	0	0:00	481		0		0%
Rangpur Area	0	0:00	942		0		0%
Total	39		14438		0		0%

Information of the Generating Units under shut down.

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

Outage	Restore	Additional information of Machines, lines, interruption / Forced Load shed etc.	Remark
08:18	08:16	Cox'sbazar-Dohazari 132 KV Ckt-1 is restored.	
08:18	09:52	Shajibazar 132/33KV S/S TR-04 LT Scheduled S/D Due to None	30.0MW load interruption
08:18	09:50	Shajibazar 132/33KV S/S TR-04 HT Scheduled S/D Due to D/S 189A Y phase Riser Hotspot Maintenance work	
	08:26	Kushlia 132/33KV S/S T2 HT is restored.	
	08:27	Kushlia 132/33KV S/S T2 LT is restored.	
09:10	11:10	Mithapukur-Palashbari 132KV Ckt-1 Forced S/D from Palashbari 132/33KV end Due to CB open	
09:12	10:06	Bakulia 132/33KV S/S Bus-A Project Work S/D Due to None	
09:12	11:09	Mithapukur-Palashbari 132KV Ckt-2 Forced S/D from Mithapukur 132/33KV end Due to Only CB open	
09:34	09:46	Dohazari 132/33KV S/S Power Transformer -T-1 HT Forced S/D Due to For Station Supply fuse cut.	12.0MW load interruption
	09:42	Gulshan 132/33KV S/S MT-1 HT is restored.	
09:59	11:13	Dohazari 132/33KV S/S Power Transformer -T-2 HT Scheduled S/D Due to Fir 33KV PBS keranith redhot maintenance	30.0MW load interruption
	10:47	Bogura 230/132KV S/S 230KV Main 2 is restored.	
11:11	11:47	Mahasthangar-Palashbari 132KV Ckt-1 Forced S/D from Palashbari 132/33KV end.	
11:11	11:47	Mahasthangar-Palashbari 132KV Ckt-2 Forced S/D from Palashbari 132/33KV end Due to None	
	11:42	Barapukuria-Bogura 230 KV Ckt-2 is restored.	
12:00		Day peak Gen - 10585 MW , No shed	
12:18		Ashuganj North GT was sync.	
12:44		Bhola Natun Biddiut GT-2 was shutdown.	
12:45	17:28	Rahanpur 400/132KV S/S Rahanpur-Chapainawabganj 132 KV Line Ckt-02 Scheduled S/D Due to Gas leakage in GIL.	600.0MW generation interruption
15:01		SS Power unit-2 was forced shutdown down due to load rejection test.	
15:41	15:55	Tongi 230/132/33KV S/S Tongi-Uttara 3rd Phase Ckt Tripped showing ABB.RED670 relays Due to General	
15:41	15:55	Tongi 230/132/33KV S/S Tongi-Uttara 3rd Phase Ckt Tripped showing ABB.RED670 relays Due to General	
15:50	17:23	Magura 132/33KV S/S T-2 (415T) HT Tripped showing Oil temp. Trip. relays Due to Water entered in oil temp. Meter.	
16:29		Bibiyan South 400 MW ST was sync.	
	17:32	Rahanpur 400/132KV S/S LV 132 KV BUS is restored.	
	17:45	Sirajganj 132/33KV S/S Sherpur-1 is restored.	
17:52		Ashuganj North 360MW ST was sync.	
18:01		Meghnaghat Summit CCP 305MW GT1 was sync.	
18:56		SS Power - Matarbari 400 kv line - 1 & 2 tripped from SS Power end showing high voltage.	
18:56		Madunaghat 400/230 kv Tr. tripped operating differential relay.	
19:21		Sirajganj - Sherpur 132 KV ckt-1 is charged from Sirajganj 132/33KV S/S side.	
20:00		SS Power - Matarbari 400 kv line-1 was switched on.	
20:30		Madunaghat 400/230KV auto transformer was switched on	
20:38		SS Power - Matarbari 400 kv line - 2 was switched on.	
21:00		Evening Peak Gen. 13260 MW	
22:45		Bashkhali SS Power Unit-2 was sync.	
23:42	23:40	Haripur-Meghnaghat 230KV Ckt-1 is restored.	
		Haripur-Meghnaghat 230KV Ckt-1 Tripped from Haripur 230/132KV end showing Circulating Current Protection (CC2): Y phase, Tripping Relay (86T1), relays.	
23:50		Haripur-Meghnaghat 230KV Ckt-1 Tripped from Haripur 230/132KV end showing Circulating Current Protection (CC1): B phase, Tripping Relay (86T1), relays.	
00:38		Meghnaghat Summit CCP 305MW GT1 was shutdown	
00:53		Bibiyan South 400 MW ST was force shutdown.	136.0MW generation interruption
02:10		Meghnaghat Unique 584 MW PP Unit transformer breaker was switched on	
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04:24		Sirajganj-3 225 MW PP ST tripped	73MW generation interruption
06:33		Rampur 230/132/33 S/S TR-1 LT Forced S/D Due to RED HOT MAINTENANCE	
	06:34	Rampur 230/132/33 S/S TR-1 HT Forced S/D Due to RED HOT AT LT SIDE B-PHASE	
	06:36	Meghnaghat Unique 584 MW PP GT was sync	
07:00		Minimum Generation is 10895 MW	
07:16		Barishal-Patuakhali(Barguna T at Bakerganj) 132 KV Ckt Scheduled S/D from Patuakhali 132/33KV end Due to Maintenance work for Main Bus	
07:21		Patuakhali 132/33KV S/S UPPL (150MW) 132KV LINE Scheduled S/D Due to Maintenance for Main bus	
07:27		Patuakhali-Payra 132KV Ckt-1 Forced S/D from Payra 400/132/33KV end Due to Bus maintenance at Patuakhali Substation. and from Patuakhali 132/33KV end Due to Maintenance for Main Bus Shutdown	53.0MW load interruption
07:28		Patuakhali-Payra 132KV Ckt-2 Forced S/D from Payra 400/132/33KV end Due to Bus maintenance at Patuakhali substation and from Patuakhali 132/33KV end Due to Maintenance for Main Bus	
07:44		Manikganj 132/33KV S/S 132/33 kv Transformer GT-(35/50 MVA) LT Scheduled S/D Due to Redhot Maintenance.	
07:48		Sirajganj 132/33KV S/S Sherpur-2 Scheduled S/D Due to OPGW Wire Stringing.	
07:49		Sherpur(Bogura)-Sirajganj 132 KV Ckt-2 Project Work S/D from Bog-Sherpur 132/33KV end Due to According to ALDC's instructions.	
07:50		Hathazari 230/132/33KV S/S T-01 LT Scheduled S/D Due to 33kv side new DS commissioning by REB.	35.0MW load interruption
07:50		Hathazari 230/132/33KV S/S T-01 HT Scheduled S/D Due to 33kv side new DS commissioning by REB.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle