

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

Reporting Date : 4-Sep-23

Till now the maximum generation is :-		15648.0		21:00		Hrs on 19-Apr-23	
The Summary of Yesterday's		3-Sep-23		Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	13214.0 MW	Hour :	12:00	Min. Gen. at	8:00	11369	
Evening Peak Generation :	14498.0 MW	Hour :	21:00	Available Max Generation :		15300	
E.P. Demand (at gen end) :	15100.0 MW	Hour :	21:00	Max Demand (Evening) :		15300	
Maximum Generation :	14498.0 MW	Hour :	21:00	Reserve(Generation end)		-	
Total Gen. (MKWH) :	304.18	System Load Factor	87.65%	Load Shed		0	

Export from East grid to West grid - Maximum		760 MW		at 4:00		Energy	
Import from West grid to East grid - Maximum		-		at -		Energy	
Water Level of Kaptai Lake at 6:00 A.M on		4-Sep-23		Rule curve :		99.69 Ft (MSL)	
Actual :	105.86	Ft (MSL) :					

Gas Consumed :	Total =	1118.59 MMCFD.		Oil Consumed (PDB) :		HSD :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk151,173,291		Oil :	Tk548,444,954		Total :
	Coal :	Tk674,371,175					Tk1,373,989,421

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	Time	MW	Time	MW	Time	MW	
Dhaka	8:00	0	0:00	4658		0	0%
Chittagong Area	0	0	0:00	1336		0	0%
Khulna Area	0	0	0:00	1873		0	0%
Rajshahi Area	100	0	0:00	1828		0	0%
Cumilla Area	70	0	0:00	1339		0	0%
Mymensingh Area	100	0	0:00	996		0	0%
Sylhet Area	95	0	0:00	558		0	0%
Barisal Area	0	0	0:00	466		0	0%
Rangpur Area	130	0	0:00	910		0	0%
Total	675			13965		0	

Information of the Generating Units under shut down.

Planned Shut-Down

Forced Shut-Down

- 1) Barapukuria ST: Unit- 1,2
- 2) Ghorasal-3,7
- 3) Shahbazar 330 MW
- 4) Baghabari-71,100 MW
- 5) Raazan unit-2
- 6) Siddhirganj 210 MW .

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
10:06	17:59	Gopalganj 400/132kV S/S ATR-02 LT Project Work S/D	
10:10	17:54	Gopalganj 400/132kV S/S ATR-02 HT Project Work S/D	
10:10	17:54	Gopalganj 400/132kV S/S ATR-02 HT Project Work S/D	
10:15	11:19	Siraganj 132/33kV S/S T1-(415) LT Forced S/D Due to Emergency Red hot maintenance of 33 kv T1 incoming CT (Y-phase).	15.0MW load interruption.
10:16	11:18	Siraganj 132/33kV S/S T1-(415) HT Forced S/D Due to Emergency Red hot maintenance of 33 kv T1 incoming CT (Y-phase).	
10:55		Bibiya-3 400MW GT was synch.	
12:00		Day peak generation=13214 MW.	
12:42		Baghabari 230/132kV T2 transformer tripped showing PRV and mechanical trip relay.	
12:42	15:16	Baghabari 230/132kV S/S T-2 Bank LT Tripped showing General trip Mechanical protection trip relays.	
12:42	15:16	Baghabari 230/132kV S/S T-2 Bank HT Tripped showing General trip Mechanical protection trip relays.	
13:24	15:00	Sreepur 230/132/33kV S/S 132/33 kv T-1 LT Scheduled S/D Due to PBS maintenance work	35.0MW load interruption.
13:24	15:00	Sreepur 230/132/33kV S/S 132/33 kv T-1 HT Scheduled S/D Due to PBS maintenance work	
13:35	15:33	Pabna- Shahjadpur 132kV Ckt-1 Forced S/D from Pabna 132/33kV end Due to only CB open	
14:01	15:53	Jaldhaka 132/33kV S/S 406T LT Forced S/D Due to Red hot at 33 kv domer-1 feeder.	20.0MW load interruption.
14:02	15:52	Jaldhaka 132/33kV S/S 406T HT Forced S/D Due to Red hot at 33 kv domer-1 Feeder.	
14:26		Dhanmond 132/33 kv T-1 was switched on.	
14:33	18:08	Rampal 400/230kV S/S ICT-1 HT Scheduled S/D Due to CT Testing of 230 KV Side.	
14:33		Rampal 400/230 kv T-1 was shut down for testing CTs of 230 kv side.	
14:37	18:12	Rampal 400/230kV S/S ICT-1 LT Scheduled S/D Due to CT Testing of 230 KV Side.	
15:01	16:12	Bogura 230/132kV S/S 230KV Main 2 Forced S/D	
15:16		Baghabari 230/132kV T2 transformer was switched on.	
15:29		Meghnaghat Unique PP GT was synch.	
16:01	18:20	Rajshahi 132/33kV S/S Transformer T-3 (425T) HT Scheduled S/D Due to Transformer T-3 132/33 KV, (80/120MVA), 33KV Bus DS (T-3 Bus Section-1 & 2) Maintenance Work.	30.0MW load interruption.
16:01	18:23	Rajshahi 132/33kV S/S Transformer T-3 (425T) LT Scheduled S/D Due to Transformer T-3 132/33 KV, (80/120MVA), 33KV Bus DS (T-3 Bus Section-1 & 2) Maintenance Work.	
16:09		Baghabari 230/132kV S/S Bus-1 Project Work S/D Due to Rogpur Bay extension work.	
16:15	16:29	Barisal 132/33kV S/S 132 kv Summit power Scheduled S/D Due to For Summit End work, PT oil leakage.	
16:20	17:25	Jhenaidah 132/33kV S/S Transformer T-1 LT Forced S/D Due to 33kv PBS BUS DS post Insulator Change Work.	35.0MW load interruption.
16:21	17:24	Jhenaidah 132/33kV S/S Transformer T-1 HT Forced S/D Due to 33kv PBS BUS DS post Insulator Change Work.	
16:45	18:04	Jigata 132/33 kv T-1 was switched on.	
18:12		Harpur 230/132kV S/S Ullon (Maniknagar-2) is restored.	
18:12		Rampal 400/230 kv T-1 was switched on.	
19:45	20:03	Khulna (C) S/S TR-1 425T HT Tripped showing IOC, C-phase, relays Due to Due to 33kv salkhira feeder faulty.	
19:48	20:04	Khulna (C) S/S TR-1 425T LT Tripped showing No relays Due to Due to 33kv salkhira feeder faulty.	
20:42		Siddhirganj GT - Unit-1 was shutdown due to gas shortage.	
21:00		Evening Peak Gen. 14498 MW	
21:40		Bibiya - 3 CCPP ST was synch.	
22:35		Bibiya South 400 MW GT was synch.	
23:30	00:29	Matarbari T-1 with 33 kv Bus	10.0MW load interruption.
05:33	06:44	Mithapukur 132/33kV S/S TR-2 (414T) LT Tripped showing E/F relays Due to 33 kv Bus Section DS-2	23.0MW load interruption.
05:33	06:43	Mithapukur 132/33kV S/S TR-1(404T) LT Tripped showing E/F relays Due to 33 kv Bus Section DS-2	
		R Phase Insulator Burnt	0
05:49	06:33	Barapukuria-Bogura 230 kv Ckt-2 Scheduled S/D from Bogura 230/132kV end Due to Isolator Replacement Work.	
06:00		Minimum Generation is 11550MW	
06:24		Ashuganj-Kishoreganj 132kV Ckt-1 Project Work S/D from Ashuganj 230/132/33kV end Due to 132kv GIS S/S Work Purpose.	
06:30	07:31	Tangail 132/33kV S/S T-2 LT Scheduled S/D Due to High temperature of HT Bussing	
06:30	07:31	Tangail 132/33kV S/S T-2 HT Scheduled S/D Due to High temperature of HT Bussing	20.0MW load interruption.
07:25	07:31	Ashuganj-Kishoreganj 132kV Ckt-1 Scheduled S/D from Kishoreganj 132/33kV end.	
07:44		Tangail 132/33kV S/S T-3 LT is restored.	
07:44		Cumilla(N) 230/132/33kV S/S 132KV T-04 LT Tripped showing Overcurrent Relay relays.	10.0MW load interruption.
07:44		Cumilla(N) 230/132/33kV S/S 132KV T-03 LT Tripped showing Overcurrent Relay relays.	
07:44		Cumilla(N) 230/132/33kV S/S 132KV T-03 HT Tripped showing Overcurrent Relay relays.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle