

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

Reporting Date : 18-Apr-23

Till now the maximum generation is :-		15304.0	21:00	Hrs on 13-Apr-23	
The Summary of Yesterday's		17-Apr-23	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	13392.0 MW	Hour :	12:00	Min. Gen. at	7:00
Evening Peak Generation :	15604.0 MW	Hour :	21:00	Available Max Generation :	15617
E.P. Demand (at gen end) :	16221.0 MW	Hour :	21:00	Max Demand (Evening) :	16000
Maximum Generation :	15604.0 MW	Hour :	21:00	Reserve(Generation end) :	-
Total Gen. (MkWh) :	336.0	System Load Factor :	89.71%	Load Shed :	360

Export from East grid to West grid :- Maximum	146	MW	at	19:00	Energy
Import from West grid to East grid :- Maximum	-	MW	at	-	Energy

Actual :	Water Level of Kaptai Lake at 6:00 A M on	18-Apr-23	Rule curve :	84.80	FL (MSL )
	75.89	FL (MSL )			

Gas Consumed :	Total =	1143.54	MMCFD.	Oil Consumed (PDB) :	
				HSD :	
				FO :	

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk168,748,114	Coal :	Tk311,772,022	Oil :	Tk1,490,938,181	Total :	Tk1,971,458,317
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**Load Shedding & Other Information**

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW		MW		Estimated Shedding (S/S end)	MW	
Dhaka	75	0.00	4869		40	40	1%
Chittagong Area	0	0.00	1351		40	40	3%
Khulna Area	10	0.00	1777		60	60	3%
Rajshahi Area	0	0.00	1569		60	60	4%
Cumilla Area	64	0.00	1339		50	50	4%
Mymensingh Area	275	0.00	1101		60	60	5%
Sylhet Area	15	0.00	497		15	15	3%
Barisal Area	0	0.00	401		0	0	0%
Rangpur Area	150	0.00	870		35	35	4%
<b>Total</b>	<b>589</b>	<b>0.00</b>	<b>13774</b>		<b>360</b>		

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: Unit- 1,2
	2) Ghorasal-3
	3) Bhula Nuton Block
	4) Baghabari-100 MW & 71 MW
	5) Raizan unit-2
	6) Siddhirganj 210 MW .
	7) Shajibazar 330 MW
	8) Sirajganj- 3
	9) Barisal 507 MW

Outage	Restore	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark	
08:00	17:05	Hathazari-Madunaghat 132kV Ckt-1 Forced S/D from Hathazari 230/132/33kV end Due to CT Change.	22 MW load interrup.	
08:15	08:43	Barishal 132/33kV S/S T-1 (405T) HT Scheduled S/D Due to Red-hot remove at 33kv Jhalokathi feeder.		
08:28	09:47	Mymensingh 132/33kV S/S Transformer-3 (424T) HT Scheduled S/D Due to Maintenance Work.		
08:32	12:09	Ashuganj-Ghorasal 132kV ckt-1 S/D for project work.		
08:45	08:43	Barishal 132/33kV S/S T-1 (405T) LT is restored.		
08:45	11:58	Bogura 132/33kV S/S Transformer-1 LT Scheduled S/D Due to T-2 blast wall work.		
08:45	11:58	Bogura 132/33kV S/S Transformer-1 HT Scheduled S/D Due to T-2 blast wall work.		
09:15	16:51	Chattak-Sylhet 132 kV Ckt-1 Scheduled S/D from Chattak 132/33kV end Due to Sylhet ckt-1 CB replace work. and from Sylhet 132/33kV end Due to Due to CB Replace.		
09:36	12:16	Khulina(S)-PDB 330MW CAPP 230kV Ckt-1 Scheduled S/D from Khulina(S) 230/132kV end Due to SCADA test by BPDB.		
9:42	12:47	Kushlira 163MW GT tripped.		63 MW load interrup.
10:16	12:47	Rampura 230/132kV S/S 132 kV Busbar-1 Scheduled S/D Due to Protection team testing work.		
10:27	11:59	Shahjadpur 132/33kV S/S T-4(435T) HT Forced S/D Due to 33 kV T-4 Incoming DS (B-Phase) Red-hot Maintenance.		
	10:52	Kushlira 163MW GT was sync.		
	11:07	Ghorasal Unit-7 365 MW GT was sync.		
	12:30	Shikalbaha Gas 225MW ST was sync.		
	13:07	Khulina 330 MW CAPP GT was sync.		
14:09	16:03	Bogura 132/33kV S/S Transformer-2 HT Scheduled S/D.		
14:09	16:03	Bogura 132/33kV S/S Transformer-1 LT Scheduled S/D.		
14:09	16:03	Bogura 132/33kV S/S Transformer-2 LT Scheduled S/D Due to 132kV CB r phase strand cutting		
	14:30	Sirajganj Gas 225MW Unit-3 GT was sync.	67 MW load interrup. 155 MW load interrup.	
14:52	18:07	Aminbazar 400/230/132kV S/S Bus-2 Scheduled S/D Due to Interim 400/132 kV ATR testing.		
16:01		Shikalbaha 230/132kV S/S Interconnection-1 Forced S/D Due to Emergency maintenance at Shikalbaha 132 KV end.		
16:30	16:28	Niamatpur 132/33kV S/S 417T HT is restored.		
	16:52	Kushlira 163MW GT tripped.		
	17:05	Niamatpur 132/33kV S/S 417T LT is restored.		
	17:05	Hathazari-Madunaghat 132kV Ckt-1 is restored.		
	17:30	Sirajganj Gas 225MW Unit-3 ST was sync.		
19:10	21:05	Bashundhara-Tongi 132 kV Ckt-1 Scheduled S/D from Tongi 230/132/33kV end Due to Temperature rise Bashundhara end(Red hot).		
	19:36	Khulina 225MW GT was sync.		
	20:24	Aminbazar 400/132kV Interim transformer 132kV side switched on.	38 MW load interrup.	
20:44	20:56	Naogaon 132/33kV S/S T-1 LT Tripped showing A,B,C timing delays Due to trip.		
21:22	22:12	Satkhira 132/33kV S/S Transformer-2 (T-2) LT Tripped showing Over current relay delays Due to over current.		
21:22	21:39	Satkhira 132/33kV S/S Transformer-1 (T-1) LT Tripped showing Over current relay delays Due to Over current.		
21:22	21:39	Satkhira 132/33kV S/S Transformer-2 (T-2) HT Tripped showing Over current relay delays Due to Definite over current.		
00:10	03:10	Aftabnagar-Rampura 132kV Ckt-1 Forced S/D from Noapara 132/33kV end Due to Power Station Date Expired.		
02:22	06:54	Feni 132/33kV S/S T-1(405T) LT Tripped showing over current . Earth fault relays.		
05:37	06:54	Barishal 132/33kV S/S T-2 (415T) LT Scheduled S/D Due to Hot spot tightening work.		
05:38	06:53	Barishal 132/33kV S/S T-2 (415T) HT Scheduled S/D Due to Hot spot tightening work.		
06:43		Ghorashal U-7 CAPP GT was shut down due to air compressor maint.		
06:55		Mirpur, Uttara & Uttara 3rd phase have been shifted on Aminbazar 400/132 kv (interim) Transformer.	25 MW load interrup.	
07:21		Jhenaidah 132/33kV S/S Transformer T-1 HT Forced S/D due to Red hot maintenance.		
7:21		Jhenaidah 132/33kV S/S Transformer T-1 LT Forced S/D due to Red hot maintenance.		
07:25		Barishal 230/132kV S/S T-4 LT Scheduled S/D Due to Red Hot Maintenance.		
07:26		Barishal 230/132kV S/S T-4 HT Scheduled S/D Due to Red Hot Maintenance.		
07:32		Jamalpur 132/33kV S/S T-2 HT Scheduled S/D Due to Maintenance work due to temperature increase of 33kV CB connector.		
07:32		Jamalpur 132/33kV S/S T-2 LT Scheduled S/D Due to Maintenance work due to temperature increase of 33kV CB connector.		
07:32	07:54	Ghorashal Unit-7 365 MW GT was sync.		
				6 MW load interrup.

Sub Divisional Engineer  
Network Operation Division

Executive Engineer  
Network Operation Division

Superintendent Engineer  
Load Despatch Circle