

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

Reporting Date : 8-May-24

Till now the maximum generation is :-		16477.0	21:00	Hrs on	30-Apr-24
The Summary of Yesterday's		7-May-24	Generation & Demand	Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	11356.0 MW	Hour :	12:00	Min. Gen. at	6:00
Evening Peak Generation :	13638.0 MW	Hour :	19:30	Available Max Generation :	16678
E.P. Demand (at gen end) :	13638.0 MW	Hour :	19:30	Max Demand (Evening) :	13500
Maximum Generation :	13638.0 MW	Hour :	19:30	Reserve(Generation end)	3178
Total Gen. (MKWH) :	256.498	System Load Factor	78.37%	Load Shed	0

Export from East grid to West grid :- Maximum		10 MW	at	1:00	Energy
Import from West grid to East grid :- Maximum		-	at	-	Energy
Actual :	Water Level of Kaptai Lake at 6:00 A M on	73.59	Fl.(MSL)	8-May-24	Rule curve :
					80.67
					Fl.(MSL)

Gas Consumed :	Total =	1144.71	MMCFD.	Oil Consumed (PDB) :	
				HSD :	
				FO :	
Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk407,202,704		Oil :	Tk307,146,242
	Coal :	Tk454,443,737			Total : Tk1,168,792,683

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	4534	0	0%
Chittagong Area	0	0:00	1246	0	0%
Khulna Area	0	0:00	1745	0	0%
Rajshahi Area	0	0:00	1517	0	0%
Cumilla Area	0	0:00	1248	0	0%
Mymensingh Area	0	0:00	928	0	0%
Sylhet Area	0	0:00	520	0	0%
Barisal Area	0	0:00	434	0	0%
Rangpur Area	942	0:00	848	0	0%
Total	0		13019	0	0%

Information of the Generating Units under shut down.

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

Outage	Restore	Additional Information of Machines, lines, interruption / Forced Load shed etc.	Remark
9:15		Aminbazar-Meghnaghat 400kV Ckt-2 Project Work S/D from Meghnaghat 400/230kV end Due to DFDR commissioning	
9:23	19:14	Gopalganj 400/132kV S/S ATR-02 LT Scheduled S/D	
9:25	19:14	Gopalganj 400/132kV S/S ATR-02 HT Scheduled S/D Due to None	
9:25	21:03	Haripur 230/132kV S/S Auto TR-2 LT Project Work S/D Due to Busbar Protection Project work by Era Construction.	
9:25	21:03	Haripur 230/132kV S/S Auto TR-2 HT Project Work S/D Due to Busbar Protection Project work by Era Construction.	
9:27	17:21	Sreepur 230/132kV S/S Sreepur-Ashuganj Ckt-1 Project Work S/D Due to AR Modification	
-	9:42	Gopalganj 132/33kV S/S T1 HT is restored.	
-	9:44	Barishal 230/132kV S/S Gopalganj Ckt-2 is restored.	
-	9:44	Barishal 230/132kV S/S Gopalganj Ckt-1 is restored.	
-	9:44	Gopalganj 132/33kV S/S T1 LT is restored.	
10:00	13:18	Gopalganj (O) - Gopalganj (N) Ckt-1 Scheduled S/D from Gopalganj 400/132kV end. and from Gopalganj 132/33kV end	
		Due to High temp. Maintenance	
10:26	15:19	Sylhet (South) S/S Trafo-1 HT Project Work S/D Due to NLDC Witness	
10:26	15:21	Sylhet (South) S/S Trafo-1 LT Project Work S/D Due to NLDC witness	
10:47	11:09	Fatullah-Shyampur(New) 132 kV Ckt-1 Tripped from Fatullah 132/33kV end showing Main-1 General Trip Dist. Zone 1 Trip relays.	
-	11:05	Bogura(New)-Bogura(Sherpur) 132 kV Ckt-2 is restored.	
-	11:17	Haripur 230/132kV S/S Ullin (Manknagar-2) is restored.	
-	11:20	Bogura 230/132kV S/S 132kV Main 2 is restored.	
11:22	-	Sikalbaha 225MW CAPP Tripped with remarks:- GT	
11:22	-	Sikalbaha Gas 225 MW GT tripped at 11:22 hrs. due to problem in gas detection valve.	
12:00	-	Day peak Generation : 11356 MW	
12:20	12:55	Kabirpur -Kodda 132kV Ckt-2 Tripped from Kabirpur 132/33kV end showing Distance relay (Distance start T), DOC trip. relays.	and 70.0MW load interrup. Kodda 132/33kV end
		and from Kodda 132/33kV end showing Distance relay. Zone 1 relays Due to Distance relay. Zone 1	
12:20	-	Kabirpur -Kodda 132kV Ckt-1 Tripped from Kabirpur 132/33kV end showing Distance Relay (Distance start T), DTT 1 received.	and 70.0MW load interrup. Kodda 132/33kV end
		relays. and from Kodda 132/33kV end showing Distance relay. Zone 1 4.6 km relays Due to Distance relay. Zone 1	
12:28	14:01	Barishal 230/132kV S/S T-4 HT Scheduled S/D Due to Pbs work	
12:28	14:04	Barishal 230/132kV S/S T-4 LT Scheduled S/D Due to Pbs work	
13:16	-	Sikalbaha 225MW CAPP Synchronized with remarks:- GT	
13:16	-	Sikalbaha Gas 225 MW GT was sync. at 13:16 hrs.	
15:36	-	Sikalbaha 225MW CAPP Synchronized with remarks:- ST	
16:01	17:40	Barapukuria-Bogura 230 kV Ckt-2 Project Work S/D from Bogura 230/132kV end Due to Project work	
16:10	17:37	Bogura 230/132kV S/S 230KV Main 2 Project Work S/D Due to project work	
17:28	18:12	Kalurghat 132/33kV S/S TRFO-02(516T) LT Scheduled S/D Due to Bpbd 33 KV feeder (incomer-1) red hot (Y-phase) maintenance	16.0MW load interrup.
18:09	-	Gopalganj 400/132kV S/S 132kV Bus-01 Project Work S/D	
-	18:28	Rahanpur 400/132kV S/S Bus Reactor 400 KV is restored.	
19:30	-	peak generation 13638 MW	
21:16	-	Bogura south 230/132kV T4 Charging by 230KV Side(Newly Commission)	
23:45	-	Ashuganj 450 MW CAPP(South) Synchronized with remarks:- GT	
1:00	1:16	Niamatpur 132/33kV S/S Transformer-1(407T) LT Tripped showing SIEMENS 7SJ62 relays Due to rain.	24.0MW load interrup.
1:09	1:52	Amnura 132/33kV S/S T-1 (406T) LT Tripped showing Over voltage relays.	
1:37	2:05	Benapole-Jashore 132 kV Ckt-1 Tripped from Jashore 132/33kV end showing Z2,Dis(21L),OC(67),EF(67N) relays Due to None	
		and from Benapole 132/33kV end showing REC650,REL670 relays Due to E/F trip	
1:46	2:30	Daudkandi 132/33kV S/S Transformer-3 LT Forced S/D Due to Pbs-3 Redhot Maintenance work.	28.0MW load interrup.
1:46	2:28	Daudkandi 132/33kV S/S Transformer-3 HT Forced S/D Due to Pbs-3 Redhot Remove work.	28.0MW load interrup.
2:42	2:54	Khulna (S)-Sakhira 132kV Ckt-2 Tripped from Sakhira 132/33kV end showing Distance relay relays Due to Due to heavy thundering and from Khulna S 230/132kV end showing Distance Relay relays Due to LT & E	
3:45	3:55	Bagerhat 132/33kV S/S Transformer-2 (413 T) LT Tripped showing O/CE relays Due to Rampal feeder fault	12.0MW load interrup.
3:45	3:56	Bagerhat 132/33kV S/S Transformer-1 (403T) LT Tripped showing O/CE relays Due to Rampal feeder fault	12.0MW load interrup.
3:53	7:47	Mymensingh RPCL-Tangail 132kV Ckt-1 Forced S/D from Ghatail 132/33kV end Due to For LA (R-Phase) Grounding emergency Connection.	
5:06	-	Kushihara 163 MW CAPP (KP) Shutdown	
5:07	-	Meghnaghat-Shyampur 230kV Ckt-1 Tripped from Meghnaghat 230/132kV end showing Distance relay relays Due to Directional earth fault	
5:48	-	Ashuganj 450 MW CAPP(South) Synchronized with remarks:- ST	
5:55	-	Bhola 225 MW CAPP Shutdown with remarks:- GT-2	
5:56	-	Bhola 225 MW CAPP Synchronized with remarks:- unit-1	
6:00	-	Rain and thunder storm persisted all over the country over Night . Minimum Generation : 6874 MW	
6:56	-	Goalpara 132/33kV S/S T-6 HT Forced S/D Due to Temperature high in 33 kv b phase loop.	
6:57	-	Goalpara 132/33kV S/S T-6 LT Forced S/D Due to Temperature high in 33 kv b phase loop.	
7:10	-	Khulshi 132/33kV S/S Khulshi-Halishahar Ckt-3 Tripped showing REL670 (Main Protection-1) relays Due to Heavy Storm occurred.	
7:10	-	Halishahar 132/33kV S/S Halishahar-Khulshi-Ckt-3 Tripped showing Distance Relay. relays Due to Due to stormy rain.	
7:42	-	Kushihara 163 MW CAPP (KP) Synchronized	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle