

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

Reporting Date : 3-Oct-23

How the maximum generation is :-

The Summary of Yesterday's	2-Oct-23	1564.0 MW	21:00	Hrs on	19-Apr-23	Reporting Date :	3-Oct-23
Day Peak Generation :	12293.0 MW	Hour :	12:00	Min. Gen. at	8:00		10668
Evening Peak Generation :	14022.0 MW	Hour :	19:00	Available Max Generation :			16982
E.P. Demand (at gen end) :	14200.0 MW	Hour :	19:00	Max Demand (Evening) :			14100
Maximum Generation :	14022.0 MW	Hour :	19:00	Reserve(Generation end)			2882
Total Gen. (MkWh) :	301.605	System Load Factor	89.62%	Load Shed			0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR

From East grid to West grid - Maximum	444 MW	at	21:00	Energy
From West grid to East grid - Maximum	-	at	-	Energy

Actual :	Water Level of Kaptai Lake at 6:00 A.M on	3-Oct-23	Rule curve :	106.18	FL (MSL)
	107.96	FL (MSL)			

Gas Consumed :	Total =	1047.17 MMCFD.	Oil Consumed (PDB) :		HSD :	
					FO :	

of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk149,814,803	Coal :	Tk627,193,140	Oil :	Tk503,426,462	Total :	Tk1,280,434,404
----------------------------------	-------	---------------	--------	---------------	-------	---------------	---------	-----------------

Load Shedding & Other Information

Area	Yesterday			Today			Rates of Shedding (On Estimated Demand)
	MW			Estimated Demand (S/S end)	Estimated Shedding (S/S end)	MW	
Dhaka	0	0:00	4696			0	0%
Chittagong Area	0	0:00	1291			0	0%
Khulna Area	0	0:00	1809			0	0%
Rajshahi Area	0	0:00	1572			0	0%
Cumilla Area	20	0:00	1294			0	0%
Mymensingh Area	45	0:00	962			0	0%
Sylhet Area	105	0:00	539			0	0%
Barisal Area	0	0:00	450			0	0%
Rangpur Area	0	0:00	879			0	0%
Total	170		13492			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) Shajibazar 330 MW 4) Baghatari-71,100 MW 5) Raexan unit-2 6) Siddhirganj 210 MW

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

Outage Time	Restore Time	Description	Remark
08:00	14:43	Sunamganj 132/33kV S/S Tr-2 LT Scheduled S/D Due to new 132kV Chatak-Sunamganj ckt-2 bay extension stringing work of jack bus.	18.0MW load interrup.
08:00	08:00	Sirajganj 132/33kV S/S T4(445) LT is restored.	
08:01	11:04	Sirajganj 132/33kV S/S T3(435) LT Project Work S/D Due to Nut bolt tightening	
08:16	14:42	Sunamganj 132/33kV S/S Tr-2 HT Scheduled S/D Due to new Chatak-Sunamganj 132kV ckt-2 bay extension stringing work of jack bus.	18.0MW load interrup.
08:16	18:25	Jaldhaka 132/33kV S/S 406T LT Scheduled S/D Due to Annual Maintenance	
08:16	18:24	Jaldhaka 132/33kV S/S 406T HT Scheduled S/D Due to Annual Maintenance	
08:30	08:24	Kabirpur 132/33kV S/S Main bus is restored.	
08:30	11:03	Sirajganj 132/33kV S/S T3(435) HT Project Work S/D Due to Nut bolt tightening	
08:30	13:10	Saidpur 132/33kV S/S 132 kV BUS Coupler Scheduled S/D Due to Annual Maintenance	
08:30	08:56	Khulshi-Madunaghat 132kV Ckt-1 Tripped from Madunaghat 132/33kV end showing REL-670 relays Due to General trip .Zone-1 trip.y-ph fault.z-com trip	
08:31	16:11	Rajshahi 230/132/33kV S/S 132/33 kv T-01 (406T) HT Scheduled S/D Due to Isolator alignment work.	
08:31	16:12	Rajshahi 230/132/33kV S/S 132/33 kv T-01 (406T) LT Scheduled S/D Due to Isolator alignment work.	
08:45	17:19	Khagachari-Rangamati 132kV Ckt-1 Scheduled S/D from Khagachari 132/33kV end Due to Annual Maintenance work.	
08:49	12:18	Gopalganj- Gopalganj(N) 132kV Ckt-2 Tripped from Gopalganj 132/33kV end showing SIPROTEC 7SA87 relays Due to REB 6&7 FAULT	52.0MW load interrup.
08:49	12:27	Gopalganj (O) - Gopalganj (N) Ckt-1 Tripped from Gopalganj 132/33kV end showing SIPROTEC 7SA87 relays Due to REB 6&7 FAULT	Gopalganj 132/33kV end 52.0MW load interrup.
08:49	12:36	Gopalganj 132/33kV S/S T2 LT Tripped showing SIPROTEC 7SJ82 relays Due to CB CT damaged due to REB 6&7 Fault.	Gopalganj 132/33kV end 32.0MW load interrup.
08:49	12:41	Gollamari 132/33kV S/S E07 Gollamari-Gopalganj Line - 2 Tripped showing Dir O/C relays Due to Trip	32.0MW load interrup.
08:49	12:35	Gopalganj 132/33kV S/S T2 HT Tripped showing SIPROTEC 7UT86 relays Due to REB 6&7 Fault	32.0MW load interrup.
08:49	12:40	Gopalganj 132/33kV S/S T1 HT Tripped showing SIPROTEC 7UT86 relays Due to REB 6&7 Fault	32.0MW load interrup.
08:49	12:40	Gollamari 132/33kV S/S E01 Gollamari-Gopalganj Line - 1 Tripped showing Dir O/C relays Due to Trip	
08:49	12:40	Gopalganj 132/33kV S/S T1 LT Tripped showing SIPROTEC 7SJ82 relays Due to CB & CT damaged due to REB 6&7 fault	32.0MW load interrup.
09:01	14:16	Rajshahi 230/132/33kV S/S 132 kV Main BUS-01 Scheduled S/D Due to Isolator alignment work.	
09:08	09:08	Kabirpur - Manikganj 132kV Ckt-1 is restored.	
09:30	16:54	Tongi 230/132/33kV S/S Tongi-Uttara 3rd Phase Ckt Scheduled S/D Due to Annual Maintenance Work. Deadline checking.	
09:56	12:17	Gopalganj (O) - Gopalganj (N) Ckt-1 Forced S/D from Gopalganj 400/132kV end Due to To work in gopalganj 132 kv end	
09:56	12:18	Gopalganj- Gopalganj(N) 132kV Ckt-2 Forced S/D from Gopalganj 400/132kV end Due to To work in gopalganj 132 kv end	
10:19	14:24	Rajshahi 230/132/33kV S/S 230/132 kv ATR-01 (704T) LT Scheduled S/D Due to 132 kv Isolator Maintenance	
10:20	14:23	Rajshahi 230/132/33kV S/S 230/132 kv ATR-01 (704T) HT Scheduled S/D Due to 132 kv Isolator Maintenance	
10:58		Sirajganj 132/33kV S/S T4(445) LT Project Work S/D Due to Bay equipment replacement under G to G project.	
11:36		Sirajganj 132/33kV S/S T4(445) HT Project Work S/D Due to Bay equipment replacement under G to G project.	
11:46		Sunamganj 132/33kV S/S Main Bus -1 Scheduled S/D Due to project work.	18.0MW load interrup.
12:00		Day peak generation 12293 MW	
12:29		Cumilla(N) 230/132/33kV S/S 132kV T-04 LT Scheduled S/D Due to 33kV Summit Gen BUS Side Red hot removed	20.0MW load interrup.
12:30		Cumilla(N) 230/132/33kV S/S 132kV T-04 HT Scheduled S/D Due to 33kV Summit generation Bus Side Red hot Removed.	20.0MW load interrup.
12:50		Adani Power Jharkhand Ltd. unit-2 tripped at showing turbine protection trip.	568MW generation interrup.
13:38	15:56	Manikganj-Mataul 132kV Ckt-1 Forced S/D from Mataul 132/33kV end Due to For checking relay protection	
13:51		Kushira CAPP ST was synch	
14:17		Meghnaghat Reliance 400kv ckt charged.	
14:24	15:13	Feni 132/33kV S/S T-1(405T) HT Scheduled S/D Due to 33kV (T-1) Feeder Bus DS Red Hot	30.0MW load interrup.
14:57		Kushira 163 MW CAPP ST tripped due to temperature gradient.	
15:15	15:57	Mongia 132/33kV S/S T-2 LT Tripped showing O/CF relay relays Due to Seven circle feeder loop cut off & bus section out.	9.0MW load interrup.
15:15	18:55	Mongia 132/33kV S/S T-1 LT Tripped showing O/CF relays Due to Seven circle feeder loop cut off.	9.0MW load interrup.
15:43		Bibiyan South 400 MW GT synchronized.	
17:49		Ashuganj-Brahmanbaria 132kV Ckt-2 is restored.	
17:49		Ashuganj-Brahmanbaria 132kV Ckt-2 is restored.	
18:00		Adani Power Jharkhand Ltd. unit-2 synchronized.	
18:00	18:34	Shariatpur 132/33kV S/S T1-406T HT is restored.	
18:00	18:35	Shariatpur 132/33kV S/S T1-406T LT is restored.	
18:57		Adani Power Jharkhand Ltd. unit-2 tripped.	
20:00	01:13	Moghbar-Rampura 132kV Ckt-2 Tripped from Rampura 230/132kV end showing 1.Distance protection 21/1: Z1, ABN relays.	
21:21		Khulna 330 MW CAPP GT synchronized.	
21:29		Adani Power Jharkhand Ltd. unit-2 synchronized.	
03:17		Bibiyan South 400 MW CAPP ST was synchronized.	
05:25		Sylhet 20 MW PP was forced shut down.	20MW generation interrup.
05:56		Mymensingh-Netrokona 132kV Ckt-2 Scheduled S/D from Mymensingh 132/33kV end Due to High temperature and from Netrokona 132/33kV end Due to S/D taken from Mymensingh Grid	
06:12		Mymensingh 132/33kV S/S 50 MW Solar Plant Scheduled S/D Due to A-Bus S/D	
06:45		Kabirpur -Tongi 132kV Ckt-1 Scheduled S/D from Tongi 230/132/33kV end Due to Rising temperature maintenance work	
06:47		Mymensingh 132/33kV S/S Bus A Scheduled S/D Due to To perform high temperature mitigate works of A-Bus DS (21S) of 132kV Net-2.	110.0MW load interrup.
06:50		Munshiganj 132/33kV S/S Transformer-1 HT Forced S/D Due to 33kV Bus-1 Red Hot Maintenance by PBS	25.0MW load interrup.
06:50		Munshiganj 132/33kV S/S Transformer-1 LT Forced S/D Due to 33kV Bus-1 Red Hot Maintenance by PBS	25.0MW load interrup.
07:00		Minimum Generation: 10803 MW	
07:20		Shariatpur 132/33kV S/S Auxiliary-02 (PGCB) HT Scheduled S/D Due to annual maintenance	
07:23		Shariatpur 132/33kV S/S T2-416T HT Scheduled S/D Due to S/D Due to annual maintenance	
07:23		Shariatpur 132/33kV S/S T2-416T LT Scheduled S/D Due to S/D Due to annual maintenance	
07:45		Purbasadirpur 132/33kV S/S T-1 Transformer (403T) LT Scheduled S/D Due to 33kV LA Installation work by NESCO	30.0MW load interrup.
07:47		Purbasadirpur 132/33kV S/S T-1 Transformer (403T) HT Scheduled S/D Due to 33kV LA Installation work by NESCO	30.0MW load interrup.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle