

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

Reporting Date : 19-Nov-23

Till now the maximum generation is :-		15648.0		21:00 Hrs on 19-Apr-23	
The Summary of Yesterday's		18-Nov-23 Generation & Demand		Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	8588.0 MW	Hour :	12:00	Min. Gen. at :	5:00
Evening Peak Generation :	10596.0 MW	Hour :	18:00	Available Max Generation :	13270
E.P. Demand (at open end) :	10596.0 MW	Hour :	18:00	Max Demand (Evening) :	11500
Maximum Generation :	10596.0 MW	Hour :	18:00	Reserve(Generation end)	1770
Total Gen. (MW/Wh) :	195.623	System Load Factor :	76.93%	Load Shed :	0

Export from East grid to West grid - Maximum		230 MW		at	1:00	Energy
Import from West grid to East grid - Maximum		MW		at	-	Energy
Actual :	Water Level of Kaptai Lake at 6:00 A.M on	19-Nov-23	Rule curve :	107.20	FL (MSL)	
		98.97				

Gas Consumed :	Total = 769.98 MMCFD.	Oil Consumed (PDB) :		HSD :	
				FO :	

Cost of the Consumed Fuel (PDB+Pvt) :	Gas :	Tk97,189,534	Oil :	Tk229,742,611	Total :	Tk270,308,572
	Coal :	Tk993,376,427				

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW	0.00	MW	4049	MW	0	
Dhaka	0	0.00	1110	0	0	0%	
Chittagong Area	0	0.00	1553	0	0	0%	
Khulna Area	0	0.00	1111	0	0	0%	
Rajshahi Area	0	0.00	826	0	0	0%	
Cumilla Area	0	0.00	463	0	0	0%	
Mymensingh Area	0	0.00	386	0	0	0%	
Sylhet Area	0	0.00	754	0	0	0%	
Barisal Area	0	0.00	11600	0	0	0%	
Rangpur Area	0	0.00					
Total	0	0.00	11600	0	0	0%	

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukura ST: Unit- 1,2
	2) Ghosea-3,7
	3) Shajbazar 330 MW
	4) Baghabari-71,100 MW
	5) Raouan unit-2
	6) Siddhirganj 210 MW .

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:03	16:45	Joypurhat-Naogaon 132kV Ckt-1 Scheduled S/D from Naogaon 132/33kV end Due to Annual maintenance.	28.0MW load interrup.
08:07	13:53	Jhenaidah 132/33kV S/S Jhenaidah-Jhenaidah New-1,132kV Circuit-1(L4) Scheduled S/D Due to annual maintenance	
08:08	13:53	Jhenaidah 230/132kV S/S Jhenaidah (New)-Jhenaidah (Old) Ckt-1 Scheduled S/D Due to annual maintenance	
08:14	16:21	Benapole 132/33kV S/S Transformer-(1406T) LT Scheduled S/D Due to Annual Maintenance	
08:15	16:20	Benapole 132/33kV S/S Transformer-(1406T) HT Scheduled S/D Due to Annual Maintenance	
08:26	16:20	Sreemongol 132/33kV S/S 132/33kV T-2 LT Scheduled S/D	
08:26	16:20	Sreemongol 132/33kV S/S 132/33kV T-3 LT Scheduled S/D	
08:27	16:19	Sreemongol 132/33kV S/S 132/33kV T-2 HT Scheduled S/D	
08:27	16:19	Sreemongol 132/33kV S/S 132/33kV T-3 HT Scheduled S/D	
08:28	16:46	Joypurhat-Naogaon 132kV Ckt-1 Scheduled S/D from Joypurhat 132/33kV end Due to Annual Maintenance	
08:28	16:51	HVDC Bheramera- Rajshahi 230kV Ckt-2 Scheduled S/D from Rajshahi 230/132/33kV end Due to Annual maintenance.	
08:29		Rajshahi-Rajshahi(New) 132kV Ckt-2 Scheduled S/D from Rajshahi 132/33kV end Due to For annual maintenance work.	
08:40	14:43	Chattak-Sylhet 132 kV Ckt-1 Scheduled S/D from Chhatak 132/33kV end Due to Annual Maintenance and from Sylhet 132/33kV end Due to Yearly Maintenance	
08:40	14:40	Fariapur 132/33kV S/S Out Door Capacitor bank Scheduled S/D Due to Annual maintenance	
08:55	15:21	Tangail 132/33kV S/S Tr-4 LT Scheduled S/D Due to Annual Maintenance	
09:01	17:57	Aminbazar 400/230/132kV S/S 230/132kV Tr-02 LT Scheduled S/D Due to Shutdown	
09:01	17:56	Aminbazar 400/230/132kV S/S 230/132kV Tr-02 HT Scheduled S/D Due to Shutdown	
09:03	16:21	Jamalpur United(20MW)-Sherpur 132kV Ckt-1 Scheduled S/D from Sherpur 132/33kV end Due to Annual maintenance.	
09:12	15:50	Jamalpur United (20MW)-Jamalpur 132kV Ckt-1 Scheduled S/D from Jamalpur 132/33kV end Due to Annual Maintenance Work	
09:13	16:30	Tongi 230/132/33kV S/S T-2 LT Scheduled S/D Due to Annual maintenance work	
09:13	16:29	Tongi 230/132/33kV S/S T-2 HT Scheduled S/D Due to Annual maintenance work	
09:16	16:41	Bhulua-Herpur 230 kV Ckt-2 Scheduled S/D from Bhulua 400/230kV end Due to Annual maintenance work. and from Herpur 230/132kV end Due to Work on Other Side	
09:25	16:04	Agargaon-Salmasjid 132kV Ckt-2 Scheduled S/D from Agargaon 230/132kV end Due to Annual Maintenance work.	
09:30		Baroirhat-Hathazari 132 kV Ckt-1 Scheduled S/D from Hathazari 230/132/33kV end Due to Baroirhat-01 S/S Requirement and from Baroirhat 132/33kV end Due to Conductor armouring works	
09:40	14:40	Fariapur 132/33kV S/S Out Door Capacitor bank Scheduled S/D Due to Annual maintenance	
09:55	10:01	Rajshahi 132/33kV S/S Transformer T-1(405T) LT Tripped showing Instantaneous E/F. relays.	15.0MW load interrup.
09:56	14:40	Madanganj 132/33kV S/S GT-2 LT Scheduled S/D Due to Annual maintenance	
09:58	14:35	Madanganj 132/33kV S/S GT-2 HT Scheduled S/D Due to Annual maintenance	
09:58	14:17	Ramganj 132/33kV S/S Ramganj-Desh Energy Ckt-01 Forced S/D Due to tree fallen over the 123 kv line	
09:59	14:17	Ramganj 132/33kV S/S Ramganj-Desh Energy Ckt-02 Forced S/D Due to tree fallen over the 123 kv line	
10:07	21:14	Gopalganj 400/132kV S/S 400kV Rampal Ckt-1 Project Work S/D	
11:22	14:12	Beanibazar 132/33kV S/S 132 kV BUS-2 is restored.	
11:46	14:12	Dohazari-Shikabaha 132 kV Ckt-1 Scheduled S/D from Dohazari 132/33kV end Due to SD taken by shikabaha 230kV SS and from Shikabaha 230/132kV end Due to Emergency Shut down due to Request of PDB 33kV Poles problem solving.	
11:59	15:57	Beanibazar 132/33kV S/S 132 kV BUS-1 Scheduled S/D Due to Maintenance work	
12:00	12:06	Day peak generation: 8588 MW	
	12:10	Rampura 230/132kV S/S 132 kV Busbar-2 is restored.	
	12:10	Rampura 230/132kV S/S Auto Transformer - 02 HT is restored.	
	12:12	Rampura 230/132kV S/S Auto Transformer - 02 LT is restored.	
12:19	12:29	Sreepur 230/132/33kV S/S 132/33 kV T-2 LT Tripped showing FBCPU- Siemens- 7y85 relays Due to d/d/d	54.0MW load interrup.
12:30	14:20	Mirzapur 132/33kV S/S Transformer-01(E05) LT Forced S/D Due to 33kV bus shutdown taken by PBS for 33kV CT&PT test purpose.	
12:30	14:12	Mirzapur 132/33kV S/S Transformer-01(E05) HT Forced S/D Due to shutdown taken by PBS for 33kV CT&PT test purpose.	
13:20	14:08	Meghnaghat 450 MW CAPP GT-2 was synchronized.	
	14:10	Bakulia 132/33kV S/S T-2 (112T) HT is restored.	
	14:10	Bakulia 132/33kV S/S T-1 (102T) LT is restored.	
14:22	16:40	Rangpur-Saidpur 132kV Ckt-2 Tripped from Rangpur 132/33kV end showing over voltage relays.	
15:11		Meghnaghat 450 MW CAPP ST was sync.	
15:24		Sikabaha 225MW tripped.	
15:30	17:08	Sylhet 132/33kV S/S T-1 LT Scheduled S/D Due to for 33/11kV T-9 operation	
15:40	17:18	Saidpur 132/33kV S/S TR-01 HT Scheduled S/D Due to For black start test	
16:39	16:10	Kaliakoir 400/230/132kV S/S 400kV Bus 1 is restored.	
16:43	17:17	Barishal(N)-Madaripur 132 kV Ckt-2 Tripped from Madaripur 132/33kV end showing Distance protection main 2. relays Due to Phase C, zone 01	
16:55	22:56	Rangpur-Saidpur 132kV Ckt-2 Forced S/D from Rangpur 132/33kV end Due to PT test	
	16:55	Siddhirganj 132/33kV S/S 132kV Bus B is restored.	
	16:57	HVDC Bheramera- Rajshahi 230kV Ckt-2 Forced S/D from Rajshahi 230/132/33kV end Due to Shutdown Rajshahi 132/33kV grid s/s	
	17:12	Bogura-Sirajganj 230 kV Ckt-1 is restored.	
	17:12	Baghabari-Sirajganj 132 kV Ckt-1 is restored.	
	17:28	Sherpur(Bogura)-Sirajganj 132 kV Ckt-2 is restored.	
	17:29	Sirajganj 132/33kV S/S Sherpur-2 is restored.	
17:59		Shola CAPP GT-1 was sync.	
18:00		Evening peak generation: 10596 MW	
18:22		Sikabaha 225MW GT was sync.	
19:02	21:25	Manikganj 132/33kV S/S Kazia Ckt-2 Forced S/D Due to Kazia Ckt-2 Blue phase Line CT side Red hot.	
20:20		Sikabaha 225MW ST was sync.	
22:22	23:35	Chowmuhani 132/33kV S/S TR2-425T HT Forced S/D Due to Red hot maintenance work	30.0MW load interrup.
05:00		Minimum generation 7338 MW.	
06:19		Joydebpur-Kodda B 132 kV Ckt-1 Scheduled S/D from Joydebpur 132/33kV end Due to OPGW Change	
06:19		Joydebpur-Kodda B 132 kV Ckt-2 Scheduled S/D from Joydebpur 132/33kV end Due to OPGW Change	
06:23		Moghbar-Rampura 132kV Ckt-1 Forced S/D from Rampura 230/132kV end Due to Emergency work at Mogbar S/s	
07:12		Sherpur(Bogura)-Sirajganj 132 kV Ckt-2 Scheduled S/D from Bog-Sherpur 132/33kV end Due to For Annual Maintenance.	
07:13		Baghabari-Sirajganj 132 kV Ckt-1 Project Work S/D from Sirajganj 132/33kV end.	
07:15		Sirajganj 132/33kV S/S Sherpur-2 Project Work S/D	
07:29		Aminbazar 400/230/132kV S/S 230/132kV Tr-02 HT Scheduled S/D	
07:29		Aminbazar 400/230/132kV S/S 230/132kV Tr-02 LT Scheduled S/D	
07:38		Chattak-Sylhet 132 kV Ckt-1 Scheduled S/D from Chhatak 132/33kV end Due to Annual Maintenance and from Sylhet 132/33kV end Due to Yearly Maintenance Purpose	
07:43		Bogura-Sirajganj 230 kV Ckt-2 Scheduled S/D from Bogura 230/132kV end Due to Annual Maintenance and from Sirajganj	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle