

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

Reporting Date : 19-Mar-23

Till now the maximum generation is :-		14782.0	21:00	Hrs on	16-Apr-22
The Summary of Yesterday's					
Day Peak Generation :	18-Mar-23	9999.0 MW	Hour :	12:00	Today's Actual Min Gen. & Probable Gen. & Demand
Evening Peak Generation :		12345.0 MW	Hour :	19:00	Min. Gen. at 5:00
E.P. Demand (at gen end) :		12404.0 MW	Hour :	19:00	Available Max Generation : 13884
Maximum Generation :		12345.0 MW	Hour :	19:00	Max Demand (Evening) : 12000
Total Gen. (MKWH) :		241.3	System Load Factor :	81.44%	Reserve(Generation end) : 1884
			Load Shed :		0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR					
Export from East grid to West grid - Maximum			-92 MW	at	8:00
Import from West grid to East grid - Maximum					
Actual :	Water Level of Kaptai Lake at 6:00 A.M on	19-Mar-23			Energy
	76.98	Ft.(MSL)	Rule curve :	90.12	Ft.(MSL)

Gas Consumed :	Total =	1109.90 MMCFD.	Oil Consumed (PDB) :		
Cost of the Consumed Fuel (PDB+PV) :	Gas :	Tk148,693,615	HSD :		
	Coal :	Tk277,466,721	FO :		
	Oil :	Tk504,203,316	Total :	Tk930,363,652	

Load Shedding & Other Information					
Area	Yesterday	Estimated Demand (S/S end)	Today	Estimated Shedding (S/S end)	Rates of Shedding (On Estimated Demand)
	MW	MW	MW	MW	
Dhaka	11	0.00	4277	0	0%
Chittagong Area	0	0.00	1164	0	0%
Khulna Area	0	0.00	1556	0	0%
Rajshahi Area	0	0.00	1373	0	0%
Cumilla Area	0	0.00	1172	0	0%
Mymensingh Area	43	0.00	963	0	0%
Sylhet Area	0	0.00	435	0	0%
Barisal Area	0	0.00	351	0	0%
Rangpur Area	0	0.00	781	0	0%
Total	54	0.00	12072	0	0%

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST: U 10) Bhula Nuton Biddut
	2) Ghosal-3,7
	3) Ashuganj-5
	4) Baghabari-100 MW & 71 MW
	5) Raocan unit-2
	6) Siddhirganj 210 MW
	7) Shajibazar 330 MW
	8) Sirajganj-1 & 2
	9) Kushiara 163 MW ST

Outage Time	Restore Time	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:17	13:12	Rajshahi 132/33kV S/S Transformer T-3 (425T) LT Scheduled S/D	
08:18	13:10	Rajshahi 132/33kV S/S Transformer T-3 (425T) HT Scheduled S/D	
08:25	14:25	Fairdipur 132/33kV S/S Transformer-2 LT Scheduled S/D Due to Red Hot maintenance	
08:25	14:24	Fairdipur 132/33kV S/S Transformer-2 HT Scheduled S/D Due to Red Hot maintenance	
08:34	13:43	Dohazari-Sikalbaha 132 kV Ckt-2 Scheduled S/D from Dohazari 132/33kV end Due to SD taken by Shikalbaha 230 kV SS and from Shikalbaha 230/132kV end Due to Insulator Disk change at Tower-18.	
08:36	08:30	Savar 132/33kV S/S 132kV Manikganj PS-Savar Ckt-1 Scheduled S/D Due to SCADA testing	6.0MW load interrup.
08:55	09:58	Keranigonj 230/132/33kV S/S TR-1 LT Tripped showing 51 Non Directional Overcurrent Trip. 86 Trip Relay Operated. REF Picked up, relays Due to Both 132/33 kV TR 01 and TR 02's 33 kV side tripped due to 33 kV Bus section 02 pole insulator blast of all three phases.	28.0MW load interrup.
08:55	09:30	Keranigonj 230/132/33kV S/S TR-2 LT Tripped showing 51 Non Directional Overcurrent Trip. 86 Trip Relay Operated. REF Picked up, relays Due to Both 132/33 kV TR 01 and TR 02's 33 kV side tripped due to 33 kV Bus section 02 pole insulator blast of all three phases	
08:55	11:15	Khulshi-Madunghat, 132kV Ckt-2 Scheduled S/D from Khulshi 132/33kV end Due to Bay Maintenance	
08:59	09:23	Savar 132/33kV S/S 132kV Manikganj PS-Savar Ckt-2 Scheduled S/D Due to SCADA testing	6.0MW load interrup.
09:13	09:27	Shajibazar 132/33kV S/S SPCL 86 MW Tripped showing Line differential relays Due to Madapur-01 E/F, O/C	
09:31	16:57	Keranigonj 230/132/33kV S/S TR-2 LT Scheduled S/D Due to PBS will work to change 33 kV Bus section pole insulator.	
09:44	16:02	Fenchuganj-Fenchuganj 132 kV Ckt-1 Scheduled S/D from Fenchuganj 230/132/33kV end Due to Line Maintenance	
09:47	10:30	Barishal-Bhandaria 132 kV Ckt-1 Project Work S/D from Bhandaria 132/33kV end Due to Project work	
10:30	11:05	New Tongi S/S T1(403T) LT Scheduled S/D Due to For installation of new energy meter by energy audit (BPDB) on 33kV side.	
10:40		Sreepur 230kV Bus-2 shutdown at 10:40 hrs. for DAH.	
10:50		Savar 132/33kV S/S Bus-A Scheduled S/D Due to Piling work of gantry column of T-4 Transformer by PGNS Project.	
11:01	12:01	Khulshi 132/33kV S/S 425T(BSRM) HT Scheduled S/D Due to Maintenance Work	
11:07	11:40	New Tongi S/S T2(413T) LT Scheduled S/D Due to For installation of new energy meter by energy audit (BPDB) on 33kV side.	
11:33	11:21	Madaripur 132/33kV S/S T2-415T HT is restored.	
11:40	11:57	Bogura 400 kV S/S Reactor Bay shutdown for CSD commissioning work.	
11:40	11:57	Madaripur 132/33kV S/S T3-426T HT Scheduled S/D Due to CT Oil Leakage Maintenance	
11:40	11:47	Madaripur 132/33kV S/S T3-426T HT Scheduled S/D Due to CT Oil Leakage Maintenance	
11:40	11:59	Madaripur 132/33kV S/S T3-426T LT Scheduled S/D Due to CT Oil Leakage Maintenance	
11:48	14:25	Gopalganj 400/132kV S/S ATR-03 LT Project Work S/D Due to busbar stability test	
11:49	14:24	Gopalganj 400/132kV S/S ATR-03 HT Project Work S/D Due to busbar stability test	
12:00		Day peak generation 9999MW	
12:15	12:02	Savar 132/33kV S/S Transfer Bus is restored.	
12:15	17:15	Chowmuhani 132/33kV S/S TR-1-415T LT Scheduled S/D Due to 33 kV Bus conductor change.	18.0MW load interrup.
12:15	17:15	Chowmuhani 132/33kV S/S TR-1-415T HT Scheduled S/D Due to 33 kV Bus conductor change.	18.0MW load interrup.
12:15	12:15	Chowmuhani 132/33kV S/S TR-435T HT is restored.	
12:15	12:16	Chowmuhani 132/33kV S/S TR-435T LT is restored.	
13:07		Bheramara 410MW GT was sync. at 13:07 hrs.	
13:07		Bogura West 400/230 KV T-3 Shutdown for Commissioning Test	
13:07		Bogura West 400/230 KV T-3	
13:07		Bogura 400/230KV T3 S/D for CSD commissioning work.	
13:12	13:12	Purbasagar 132/33kV S/S T-4 Transformer LT is restored.	
13:39		Sirajganj Gas 210 MW Unit-1 Tripped at 13:39 hrs. due to cooling water temperature high.	
14:33	15:18	Khulshi 132/33kV S/S 425T(BSRM) HT Scheduled S/D Due to Clean the tr.	
14:33	15:15	Khulshi 132/33kV S/S 425T(BSRM) HT Scheduled S/D Due to Clean the tr.	
14:48		Bogura 400kV Reactor Syn.	
15:02	16:43	Nanishingdi 132/33kV S/S T-1 HT Scheduled S/D Due to TR-1, Relay Troubleshooting.	
15:37		Baghabari GT-1 - 71MW was sync.	
15:45		At Gopalganj 400 kV ss T-2 Transformer(400/132)kv commissioning is completed and now Transformer T-2 is running on load.	
15:45		Gopalganj 400/132 kV(new) ss 400/132 kV T-2 transformer switched on.	
16:11	16:11	Bhula 400/230kV S/S ATR-01 HT is restored.	
16:12	16:12	Bhula 400/230kV S/S ATR-01 LT is restored.	
16:12	16:14	Bhula 400/230kV S/S Aux Trafo-01 HT is restored.	
16:14		Bhula 400/230kV S/S Aux Trafo-01 LT is restored.	
16:46		Baghabari GT-2 - 100MW was sync.	
17:29		From NLDC: Bheramara 410MW ST was sync.	
17:34		Sreepur 230 kV bus-2 charged.	
17:34		Adani Power, Jharkhand Ltd. Unit-1 was sync.	
17:55		Sirajganj 210MW Unit-1 GT was sync.	
17:55		Bogura West 400/230 KV T-3 Shutdown Withdrawal.	
18:07	18:07	Chowmuhani-Rangganj 132 kV Ckt-2 is restored.	
18:07	18:07	Chowmuhani-Rangganj 132 kV Ckt-1 is restored.	
18:12	18:12	Chowmuhani 132/33kV S/S TR-2-425T LT is restored.	
18:12	18:12	Chowmuhani 132/33kV S/S TR-2-425T HT is restored.	
18:55		Sirajganj - Sreepur 230 kV ckt-2 was switched on.	
19:00		Evening peak generation: 12345 MW	
19:30		Bibiya-3 400MW GT was sync.	
20:18		Sirajganj 210MW Unit-1 ST was sync.	
20:30		Baghabari GT-1 - 71MW was shutdown due to gas shortage.	
22:30		Baghabari 100MW was shutdown due to gas shortage.	
01:49	03:03	Mithapukur-Rangpur Confidence(100MW) 132kV Ckt-2 Tripped under showing Distance Protection Relay relays.	
03:33	03:52	Thakurgaon 132/33kV S/S 412T LT Tripped showing O/C & E/F(50) Relay relays Due to Due to Thunderstorm	7.0MW load interrup.
03:33	03:52	Thakurgaon 132/33kV S/S 422T LT Tripped showing E/F IDMT Relay relays Due to Due to Thunderstorm	7.0MW load interrup.
03:47	03:58	Tangail 132/33kV S/S RPCL-1 Tripped showing REL670 relays Due to thundering	
03:56	04:05	Thakurgaon 132/33kV S/S 412T LT Tripped showing O/C & E/F(50) Relay relays Due to Tripped while Boda 33 kV Feeder giving trial	7.0MW load interrup.
03:56	04:05	Thakurgaon 132/33kV S/S 422T LT Tripped showing IDMT E/F Relay relays Due to Tripped while Boda 33 kV Feeder giving trial	7.0MW load interrup.
05:00		Min. Gen. 7911 MW	
06:55		Bibiya-3 C/PP ST was sync.	
07:36	07:48	Bhaluka-Mymensingh 132 kV Ckt-2 Tripped from Bhaluka 132/33kV end showing Line dead no signal relays Due to NA	76.0MW load interrup.
07:36	07:48	Bhaluka-Mymensingh 132 kV Ckt-1 Tripped from Bhaluka 132/33kV end showing Line dead no signal relays.	76.0MW load interrup.
07:37	07:49	Kishoreganj-Mymensingh 132kV Ckt-2 Tripped from Kishoreganj 132/33kV end showing Distance: A, Z-2 relays	
07:37	07:49	Due to Distance: A, Z-2	
07:37	07:49	Kishoreganj-Mymensingh 132kV Ckt-1 Tripped from Kishoreganj 132/33kV end showing Distance: A, Z-2 relays	
07:50	07:50	Due to Distance: A, Z-2	
07:50	07:50	Niamatpur 132/33kV S/S 407T LT Tripped showing DIR, O/E & E/F MASTER TRIP RELAY OPTD. relays Due to Thundering.	50.0MW load interrup.
07:50	07:50	Niamatpur 132/33kV S/S 417T LT Tripped showing DIR O/C & E/F MASTER TRIP RELAY OPTD. relays Due to Thundering.	50.0MW load interrup.

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle