

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

Till now the maximum generation is : - 15848.0 Hrs on 19-Apr-23 Reporting Date : 29-Oct-23

The Summary of Yesterday's		29-Oct-23 Generation & Demand		21:00 Today's Actual Min Gen. & Probable Gen. & Demand	
Day Peak Generation :	10299.0 MW	Hour :	12:00	Min. Gen. at	6:00
Evening Peak Generation :	11798.0 MW	Hour :	19:00	Available Max Generation :	14344
E.P. Demand (at gen end) :	11798.0 MW	Hour :	19:00	Max Demand (Evening) :	13000
Maximum Generation :	11798.0 MW	Hour :	19:00	Reserve(Generation end)	1344
Total Gen. (MKWH) :	238.659	System Load Factor :	84.29%	Load Shed :	0

EXPORT / IMPORT THROUGH EAST-WEST INTERCONNECTOR		29-Oct-23	
Export from East grid to West grid :- Maximum	870 MW	at	19:30
Import from West grid to East grid :- Maximum	0 MW	at	-
Actual :	Water Level of Kaptai Lake at 6:00 A.M on 103.02 Ft.(MSL)	Rule curve :	108.70 Ft.(MSL)
Gas Consumed :	Total = 937.45 MMCFD.	Oil Consumed (PDB) :	

Cost of the Consumed Fuel (PDB+Pvt) :		Gas :		Coal :		Oil :		Total :	
		Tk121,058,901		Tk521,796,290		Tk173,121,254		Tk815,976,445	

Load Shedding & Other Information

Area	Yesterday		Estimated Demand (S/S end)		Today		Rates of Shedding (On Estimated Demand)
	MW		MW		MW		
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	0	0.00	848		0		0%
Total	0	0.00	13019		0		0%

Information of the Generating Units under shut down.

Planned Shut-Down	Forced Shut-Down
	1) Barapukuria ST Unit- 1,2 2) Ghorasa-3,7 3) Shaibazar 330 MW 4) Bapahar-71, 100 MW 5) Raazan unit-2 6) Siddhirganj 210 MW .

Outage

Time	Restor	Additional Information of Machines, lines, Interruption / Forced Load shed etc.	Remark
08:08	14:05	Khulna (C) S/S Bus Coupler Scheduled S/D Due to Annual Maintenance	
08:16	11:24	Gollamari 132/33kV S/S Tr-1 HT Scheduled S/D Due to 33 kv jumper change	20.0MW load interruption.
08:17	11:25	Gollamari 132/33kV S/S Tr-1 LT Scheduled S/D Due to 33 kv jumper change	
08:17	11:26	Gollamari 132/33kV S/S Tr-2 LT Scheduled S/D Due to 33 kv jumper change	
08:18	11:25	Gollamari 132/33kV S/S Tr-2 HT Scheduled S/D Due to 33 kv jumper change	
08:20	15:11	Saidpur 132/33kV S/S TR-4 (414T) LT Scheduled S/D Due to Annual Maintenance	
08:20	15:26	Palashbari 132/33kV S/S TR3-424T LT Scheduled S/D Due to Annual Maintenance	
08:20	15:25	Palashbari 132/33kV S/S TR3-424T HT Scheduled S/D Due to Annual Maintenance	
08:21	15:10	Saidpur 132/33kV S/S TR-4 (414T) HT Scheduled S/D Due to Annual Maintenance	
08:23	10:12	Barishal 132/33kV S/S T-2 (415T) LT Scheduled S/D Due to For work on 33 kv bus by WZPDCL	
08:24	10:11	Barishal 132/33kV S/S T-2 (415T) HT Scheduled S/D Due to For work on 33 kv bus by WZPDCL	
08:25		Sherpur 132/33kV S/S Transformer- 04 LT Scheduled S/D Due to Annual Maintenance	
08:25		Sherpur 132/33kV S/S Transformer- 04 HT Scheduled S/D Due to Annual Maintenance	
08:32	16:37	Panchagarh 132/33kV S/S T-3(A+B)(427T) LT Scheduled S/D Due to Annual Maintenance	
08:32	16:35	Panchagarh 132/33kV S/S T-3(A+B)(427T) HT Scheduled S/D Due to Annual maintenance	
08:34	08:44	Barishal 132/33kV S/S T-1 (405T) LT Tripped showing Instant o/c. definite o/c. lockout -86 relays Due to oerate section bus isolator	65.0MW load interruption.
08:35	17:16	Bhaluka-Mymensingh 132 kv Ckt-1 Scheduled S/D from Bhaluka 132/33kV end Due to Annual Maintenance	
08:35		Tangail 132/33kV S/S Capacitor Bank-1 Scheduled S/D Due to Annual Maintenance	
08:35	15:33	Tangail 132/33kV S/S Capacitor Bank-2 Scheduled S/D Due to Annual Maintenance	
08:44	15:45	Rangpur 132/33kV S/S T-2 (404T) LT Scheduled S/D	
08:46	20:19	Haripur-Siddhirganj 230kV Ckt-2 Scheduled S/D from Haripur 230/132kV end Due to From other end. and from Siddhirganj 230/132kV end Due to Annual Maintenance work.	
08:46	15:43	Rangpur 132/33kV S/S T-2 (404T) HT Scheduled S/D	
09:12	16:25	Jamalpur 132/33kV S/S T-4 LT Scheduled S/D Due to Annual Maintenance Work.	
09:12	16:25	Jamalpur 132/33kV S/S T-4 HT Scheduled S/D Due to Annual Maintenance Work.	
09:50	20:04	Pabna- Shahjhadpur 132kV Ckt-1 Forced S/D from Shahjhadpur 132/33kV end Due to Shahjhadpur-Pabna 132kv Line CT Y-phase change.	
09:50	20:04	Pabna- Shahjhadpur 132kV Ckt-1 Forced S/D from Shahjhadpur 132/33kV end Due to Shahjhadpur-Pabna 132kv Line CT Y-phase change.	
09:58	11:37	Bhangura 132/33kV S/S Tr-1(1403T) LT Tripped showing 132/33 kv power transformer-1 relays Due to Bird in Incomeer PT	5.0MW load interruption.
09:58	12:46	Bhangura 132/33kV S/S Tr-2(413T) LT Tripped showing 132/33 kv power transformer-2 relays.	
10:05	20:14	Pabna- Shahjhadpur 132kV Ckt-1 Forced S/D from Pabna 132/33kV end Due to ALDC Instruction for Shahjhadpur S/S work.	
10:21	13:40	Saidpur 132/33kV S/S TR-2 (404T) LT Scheduled S/D Due to 33kv T-2 and T-4 Bus coupler DS Maintenance.	
10:22	13:39	Saidpur 132/33kV S/S TR-2 (404T) HT Scheduled S/D Due to 33kv T-2 and T-4 Bus coupler DS.	
10:38		Kushlaria CAPP 163 MW ST tripped.	
10:54	12:44	Bhangura 132/33kV S/S Tr-2(413T) HT Forced S/D Due to for working reason	
12:00		Dav oak Generation = 10299 MW at 12:00 hrs.	
14:13		Kushlaria CAPP 163 MW ST was sync.	
16:10	16:30	Jashore 132/33kV S/S T-1 LT Tripped showing OC,EF relays Due to WZPADCO 33 KV BISIC Feeder CT Blast.	39.0MW load interruption.
16:32	17:05	Madunghat 132/33kV S/S T-1 33kV BUS Tripped showing REF-615 relays Due to Noapara 33kV Feeder Fault	
19:00		Evening Peak Gen. 11798 MW	
20:14		Pabna- Shahjhadpur 132kV Ckt-1 is restored.	
22:58	23:46	Baroaula-KSRM 132 kv Ckt-1 Tripped from Baroaula 132/33kV end showing O/C opened, K-34, K-35 relays.	10.0MW load interruption.
03:35	04:51	Nawabganj 132/33kV S/S TR-2 LT Tripped showing Overcurrent Protection. Lockout Relay -1&2. relays Due to Started phase-N, tripped phase-N, earth fault-1, Fault duration- 257ms, CB operation time- 74ms,Relay trip time- 178ms, Ia- 1.116 kA, Ib- 210.4 A, Io-211.6A.	
06:00		Minimum generation 8502 MW.	
06:48		Bhangura 132/33kV S/S Tr-2(413T) HT Forced S/D	4.0MW load interruption.
07:46		Payra 400/132/33kV S/S 132/33 kv Transformer-04 LT Scheduled S/D Due to Anual maintenance	
07:47		Payra 400/132/33kV S/S 132/33 kv Transformer-04 HT Scheduled S/D Due to Anual maintenance	
07:47		Payra 400/132/33kV S/S 132/33 kv Transformer-04 HT Scheduled S/D Due to Anual maintenance	
07:56		Haiisahar 132/33kV S/S 403T(TR-1) LT Scheduled S/D Due to Due to annual grid maintenance.	
07:57		Haiisahar 132/33kV S/S 403T(TR-1) HT Scheduled S/D Due to Due to annual grid maintenance.	

Sub Divisional Engineer
Network Operation Division

Executive Engineer
Network Operation Division

Superintendent Engineer
Load Despatch Circle