

Bangladesh Power Development Board
 DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
 Tel : 9564667, 9551095

Month December, 2023						Day : Wednesday				Date : 03.01.23					
Probable Maximum Demand : 10400 MW						Probable Maximum Generation : 11259 MW									
Water Level of Kaptai Lake at 06:00 AM						Yesterday = 93.24 ft		Today = 93.02 ft		Rule Curve = 102.62 ft.					
Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.01.23 (Yesterday)		03.01.23 (Today)		02.01.23 (Yesterday)		03.01.23 (Today)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :					
						Day	Evening	Day	Evening	Gas/Coal/oil/Water Limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date		
(A) Plants in operation:															
1	Ghorasal Repowered CCGP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0		260	Under project work			
2	a) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage			
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	180	180	180	180						
3	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		365	Awaiting for HGPI			
4	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	65	65	65	65	43		Gas Shortage			
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage			
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0						
7	Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	0	0	0	0			Contract Expired			
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	450	450	450						
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling			
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	402	401	400	400						
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage			
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335		Gas Shortage			
13	Meghnaghat 335MW CCGP(Summit)	Gas (IPP)	2x110+1x110	335	335	0	0	0	0	335		Gas Shortage			
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	15	15	30						
15	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	64	80	90	90						
16	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	0	0						
17	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	33	30	37	40						
18	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	16	16	16						
19	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	24	24	25	25						
20	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	17	8	17						
21	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	17	51	17	105						
22	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	16	98	16	98						
23	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	0	0	17						
24	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	45	87	80	130						
25	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	17	17						
26	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	17	0	17						
27	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	35	0	35						
28	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	0	4	0	17						
29	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	35	0	35						
30	Manikgonj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	31	0	35	0						
31	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	0	17	17	17						
32	Siddhirganj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	2	17	90	90						
33	Meghnaghat 100 MW(IEL)	HFO (NENP)	12x8.9	100	100	0	17	90	90						
34	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	102	102	45	17	85	85						
35	Keraniganj 100 MW PP (Powerpac)	HFO (NENP)	8x13.45	100	75	33	24	35	40						
36	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0						
	Meghnaghat Unique Power	Gas				72	0	100	100						
	Meghnaghat 589 MW CCGP(Summit)	Gas				0	0	0	0						
Dhaka Zone Total				5655	5422	1497	1697	1868	2206	1208	740				
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	86	86	86	86						
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.			
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4	0	5	0						
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	14	8	17						
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	20	0	20	0						
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	19	6	20						
43	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	17	17	17	17						
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		150	Under maint.			
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	172	194	0	0	31		Gas Shortage			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	175	104	200	300						
47	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	12	12	12	12						
48	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	34	51	51						
49	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	41	60	0	72						
50	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	15	17	17	17						
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			0	0	0	5						
51	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	0	0						
52	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	10	17	17	17						
53	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	17	17	17						
54	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	12	12	12	12						
55	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	12	25	12	25						
56	Chattogram 116 MW PP (Anlima Energy Ltd.)	HFO (IPP)	6x21.06	116	116	17	17	17	17						
57	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	17	17	17	54						
58	Chattogram 2*612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	270	270	270	270	954		Coal Shortage			
	Matarbari 2*600 MW (CPGCL)	Coal				695	696	700	700			Test run			
	Cox's Bazar Wind PP	(Wind) (IPP)				0	2	10	10			Test run			
Chattogram Zone Total				3829	3769	1606	1630	1494	1719	1165	330				
59	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	41	48	48	48						
60	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	96	96	96	96		125	Under Maint.			
61	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	0	130	260	260	230		Gas Shortage			
62	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0	360		Gas Shortage			
63	Ashuganj 420 MW CCGP(East)	Gas (APSCL)	1x284+1x116	400	400	0	0	0	0	400		Gas Shortage			
64	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	185	200	160	195						
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	19	43	43						
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	25	52	6	52						
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	31	30	0	30						
68	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	0									

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						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening	Gas/Coal/oil/Water Limitation MW	Machines shut down (MW)		
87	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	43	42	42		27	GT-1 Under maint.	
88	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0		90	GT-4 Under maint.	
89	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	53	50	50				
90	Kushlara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	120	163	163	163	0		Gas Shortage	
91	Hobiganj 11MW PP Cofidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	8	11				
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	61	63	63	5		Gas Shortage	
93	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	50	50	50	50				
95	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	206	202	210	210				
96	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0				
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
98	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	22	16	22	3		Gas Shortage	
99	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	280	295	300	300				
100	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	411	400	400	400				
101	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	0	0	0	0		383	Under maint.	
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work	
103	Fenchuganj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	25	16	25	25	34		Gas Shortage	
Sylhet Zone Total				2472	2427	1262	1326	1337	1346	42	930		
104	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
105	Bheramara 410 MW CCPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Gas Shortage	
106	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	38	0	40				
107	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	0				
108	Khulna 225 MW CCPP	HSD/ Gas (NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
109	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	35	72	105				
110	Madhumati 100 MW PP	HFO (NWPGCL)	6x18.415	105	105	0	0	0	0				
111	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	72	0	100	0				
112	Khulna 115 MW PP (KPCL-2)	HFO (NENP)	7x17	115	115	32	16	0	16				
113	Noapara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5*8.5	40	40	0	0	0	8				
114	Maitree Super Thermal 1320 MW PP (U-1)	Coal (BIFPCL)	1x617	617	617	588	853	550	612				
115	Khulna 330 MW CCPP (GT)	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
**	Bheramara (HVDC)	India		1000	1000	785	682	937	937				
Khulna Zone Total				3241	3237	1494	1624	1659	1718	410	0		
116	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	32	16	16	16				
117	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	15	19	20	20				
118	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	55	55	55	55				
119	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	550	500	622	622				
120	Potua khali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	72	17	17	72				
121	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	270	294	250	250				
122	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	220	220	220	220				
Barishal Zone Total				2265	2265	1214	1121	1200	1255	0	0		
123	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under maint.	
124	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	33	0	33				
125	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0				
126	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	4	0	20				
127	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	51	91	50	91				
128	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	50	0	50				
129	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	42	8	34	40				
130	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	0	38				
131	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
132	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
133	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGCL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage	
134	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	229	180	200	200	234		Gas Shortage	
135	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
136	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	8	0	8	52				
137	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	0	30	0	0				
138	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	0	0	0	0				
139	Amnura 50 MW PP(Sinha)	HFO (NENP)	7x7.79	50	28	0	14	35	35				
140	Sirajgonj 6.55 MW Solar	Solar (NWPGCL)	1x6	6	6	4	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	722	730	748	748				
Rajshahi Zone Total				3653	3631	1064	1181	1092	1318	955	100		
141	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	
142	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	170	170	170	170	104		Coal Shortage	
143	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
144	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	6	34	6	49				
145	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
146	Majpara, Tatulia 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	0	0	8	0				
147	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	0	74	70	75				
148	Lalmonirhat 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	7	0	30	0				
149	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	44	0	130	0				
Rangpur Zone Total				1030	950	227	278	414	294	189	85		
Sub-total: Plants in operation				25726	25211	9294.0	10056	10289	11259	5129	2473		
(B) Plants under long term maintenance/ contract expired													
150	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	0	0	0	0	0				
151	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0				
152	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	0	0	0	0	0				
Sub-Total: Plants under long term maintenance/ contract expired				225	0	0	0	0	0	0	0		
Gross Total				25951	25211	9294	10056	10289	11259	5129	2473		
(C)													
Actual data of 02.01.23 (Yesterday) Tuesday :						Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
01.	Max. Demand at eve. peak (Generation end)	:	10056	MW,	at = 18:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
02.	Max. Demand at eve. peak (Sub-station end)	:	9753	MW,	at = 18:00 hrs		MW	MW	MW				
03.	Highest Generation (Generation end)	:	10056	MW,	at = 18:00 hrs								
04.	Minimum Generation (Generation end)	:	6514	MW,	at = 5:00 hrs	Dhaka	3705	37					

* Captive Power ** Imported Power

#Remarks: Highest Generation 15648 MW on 19-04-2023 at