

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2023					Day : Friday				Date : 24.03.23			
Probable Maximum Demand : 11000 MW					Probable Maximum Generation : 13919 MW				Rule Curve = 89.32 ft.			
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 76.87 ft				Today = 76.91 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.03.23 (Yesterday)		24.03.23 (Today)		23.03.23 (Yesterday)		24.03.23 (Today)	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
					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 CCPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0		260	Under project work
2	a) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0			
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	180	180	180	180			
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		365	under maint.
4	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	74	80	80	81	28		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 CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	223	252	260	260			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	360	340	360	360			
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	393	401	350	400			
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	160	132	140	140			
13	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	335	335	278	230	250	260			
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	17	55	55	55			
15	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	58	74	92	92			
16	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	10	22	19	22			
17	Summit Power(Madhabadi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	43	29	44	44			
18	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33			
19	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	24	25	25			
20	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	51	51	50	52			
21	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	70	88	52	100			
22	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	115	98	98	150			
23	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	45	35	54			
24	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	18	145	280	300			
25	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x18.97	149	149	35	100	36	135			
26	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x11.4	300	300	0	0	0	0			
27	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	0			
28	Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	0			
29	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	55	55	17	55			
30	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	35	17	35			
31	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	41	53	55	90			
32	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	66	162	90	162			
33	Manikganj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	35	0	30	0			
34	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	32	35	17	35			
35	Siddhirgonj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	26	60	92	92			
36	Meghnaghat 100 MW(IEI)	HFO (NENP)	12x8.9	100	100	16	50	30	90			
37	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	102	102	19	80	80	80			
Dhaka Zone Total			6004	5847	2514	2909	2867	3382	343	740		
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	25	25	50	50	205		Low water level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	135	135	135	135	45		Gas Shortage
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.
40	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	5	0	5	0				
41	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	20	20			
44	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	17	51	34	51			
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		150	Under maint.
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	222	226	225	225			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	30	100	120	225			
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	76	100	60	100			
49	Dohazari -Kalash 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	0	65			
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	31	0	40			
51	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	5	5	5	5	17		Gas Shortage
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			6	6	15	25			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	0	0			
53	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	35	17	17	17			
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	54	54	54	54			
55	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	68	100	50	100			
56	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	33	55	44	55			
57	Chattogram 116 MW PP (Anima Energy Ltd.)	HFO (IPP)	6x21.06	116	116	89	89	89	89			
**	Mirsharai 150 MW	HFO (BRPgen)	9x18.5			0	0	0	0			on test
Chattogram Zone Total			2442	2382	800	1070	968	1281	267	330		
58	Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage
59	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	46	48	50	50			
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	210	196	190	210			
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0	360		Gas Shortage
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	340	330	300	330			
63	Ashuganj 420 MW CCPP(East)	Gas (APSCL)	1x284+1x116	400	400	330	300	330	350			
64	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	25	52	40	50			
65	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8	187		Gas Shortage
66	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	35	51			
67	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	56	149	40	149			
68	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	23	0	35			
69	Chandpur 150 MW CCPP	Gas (PDB)	1x106+1x57	163	163	0	0	0	0	163		Under overhauling
70	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	34	180	100	180			
71	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	0			
72	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	10	10	10			
73	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	33	33	33			
74	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	1	43	0	43			
75	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	21	15	21			
76	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	89x1.4+6x1.015+10x1.08	200	200	0	0	0	0			
77	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	17	17	114			
78	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	9	26	9	113			
79	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	9	17	17	54			
80	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	92	95	36	115			
**	Import (Tripura)	India		160	160	122	126	135	153			
Cumilla Zone Total			3309	3285	1376	1725	1365	2069	681	163		
81	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	32	53	51	60	149		Gas Shortage
82	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	19	19	19			
83	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	75	98	90	110			
84	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	45	172	130	160			
85	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0			
86	Sutakhal 50 MW Solar PP	Solar (IPP)	1x50	50	50	51	0	50	0			
87	Tangail 22 MW PP(PPL)	HFO (IPP)	4x6.7	22	22	13	18	6	18			
Mymensingh Zone Total			622	614	234	360	348	367	149	0		

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						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/Coal/oil/Water Limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening				
88	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	41	44	44	44		26	GT-1 & ST-1 Under maint.	
89	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	42	42	42	42		48	GT-4 Under maint.	
90	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	25	53	51	51				
91	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	112	112	112	112		54	ST Under maint.	
92	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	0	8	8				
93	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	64	65	65				
94	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
95	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	0	89	86	86				
96	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0				
97	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0				
98	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	8	8	10	10				
99	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	25	25	9		Gas Shortage	
100	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	280	280	290	280				
101	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	395	357	366	368				
102	Bibiyan South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	396	400	380	400				
103	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work	
104	Fenchuganj 44MW (Energyprime)	Gas (NENP)	12*3.4+5*2	50	50	12	47	47	47				
Sylhet Zone Total						2472	2427	1394	1512	1526	1538	9	558
105	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
106	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	180	250	250	300	160		Gas Shortage	
107	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	40				
108	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	65				
109	Khulna 225 MW CCPP	HSD/ Gas (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
110	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	0	0				
111	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	17	55	55				
112	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	32	0	100				
113	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	55	0	100	0				
114	Khulna 115 MW PP (KPL-2)	HFO (NENP)	7x17	115	115	0	0	66	99				
115	Noapara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5*8.5	40	40	0	32	8	40				
116	Maitree Super Thermal 1320 MW PP (U-1)	Coal (BIFPCL)	1x617	617	617	380	428	370	400				
	Khulna 330 MW CCPP	Gas/HSD (BIFPCL)				0	0	0	0				
**	Bheramara (H/DC)	India		1000	1000	910	806	927	927				
Khulna Zone Total						3005	3001	1525	1565	1776	2026	160	0
117	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	0	48				
118	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	20	24	22	22				
119	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	169	170	171	170				
120	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	680	640	700	800				
121	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	0	0				
122	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	152	201	152	152				
123	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	0	0	0	0		220	Under maint.	
Barishal Zone Total						2265	2265	1021	1051	1045	1192	0	220
124	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		Gas Shortage	
125	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	32				
126	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0				
127	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	18	32				
128	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	0	50	85				
129	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	32	40				
130	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	42	42				
131	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	26	35				
132	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	150	190	190	190				
133	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
134	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage	
135	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	264	422	400	400				
136	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	19	22	22	22				
137	Uliapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
138	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	0	8				
139	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	0	35	70	113				
140	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	0	50	70	113				
141	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	5	0	6	0				
Adani Power Jharkhanda Ltd							487	457	500	550			
Rajshahi Zone Total						2129	2129	933	1187	1437	1673	611	0
142	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	
143	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	160	160	170	170	114		Coal Shortage	
144	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
145	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	95	70	106				
146	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
147	Majpara, Tatalia 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	6	0	8	0				
148	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	0	108	0	115				
149	Lalmohith 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	38	0	30	0				
Teesta Solar Limited							193	0	130	0			
Rangpur Zone Total						830	750	397	363	408	391	199	85
Sub-total: Plants in operation						23078	22700	10194.0	11742	11740	13919	2419	2096
(B) Plants under long term maintenance/ contract expired													
150	Jamulpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	0	0	0	0	0				
151	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0				
152	Bosilia 108MW PP(CLLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0				
153	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	0	0	0	0	0				
154	Amirhat 30 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	0	0	0	0	0				
Sub-Total: Plants under long term maintenance/ contract expired						404	0	0	0				
Gross Total						23482	22700	10194	11742	11740	13919	2419	2096
(C) Actual data of 23.03.23 (Yesterday) Thursday :													
01.	Max. Demand at eve. peak (Generation end)	:	11742	MW, at =	19:30 hrs								
02.	Max. Demand at eve. peak (Sub-station end)	:	11308	MW, at =	19:30 hrs								
03.	Highest Generation (Generation end)	:	11742	MW, at =	19:30 hrs								
04.	Minimum Generation (Generation end)	:	7985	MW, at =	5:00 hrs								
05.	Day-peak Generation (Generation end)	:	10194	MW, at =	12:00 hrs								
06.	Evening-peak Generation (Generation end)	:	11742	MW, at =	19:30 hrs								
07.	Evening Peak Load-shed (Sub-station end)	:	0	MW, at =	19:30 hrs								
08.	Minimum Generation Forecast up to 8:00 hrs.	:	7613	MW, at =	5:00 hrs								
09.	Generation shortfall at evening peak due to :	:											
a) Gas/LF limitation			:	2015	MW								
d) Coal supply Limitation			:	199	MW								
b) Low water level in Kaptai lake			:	205	MW								
c) Plants under shut down/ maintenance			:	2096	MW								
10.	Total Energy (Generation + India Import)	:	241.02	MKWh									
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