

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551055

Month March, 2022				Day : Monday		Date : 28.03.22						
Probable Maximum Demand : 13600 MW				Probable Maximum Generation : 14685 MW								
Water Level of Kaptai Lake at 06:00 AM				Rule Curve = 88.68 ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.03.22 (Yesterday)		28.03.22 (Today)		27.03.22 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		Description/ Remarks
(A) Plants in operation:												
1	Ghorasal Repowered CCPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	0	0	0	0		260	Under project work	
2	a) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	192	220	220	220			
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage	
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	240	230	240	240			
4	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	100	104	100	104			
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Under maint.	
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20	Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	0	0	0	0	360	Under maint.	
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	320	320	320	320	130	Dirt in gas	
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	0	0	0	0	412	Under maint.	
11	Siddhirgonj 2120 MW GTPP	Gas (EGCB)	2 x 105	210	210	97	95	60	100	115	Gas Shortage	
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	300	300		118	STG Under maint.
13	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	335	335	230	240	150	150	95	Gas Shortage	
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
15	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	0	0			
16	Gagragar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	84	93	93	93			
17	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	18	18	22	22			
18	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+3x4.73	80	80	49	41	55	55			
19	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	16	33	33	33			
20	Rugganji 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
21	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	41	50	51	51			
22	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	90	105	105	105			
23	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	150	150	150	150			
24	Kamalganj 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54			
25	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	281	273	300	300			
26	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149			
27	Kariganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	21	61	200	300			
28	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	40	100	100	100			
29	Aurahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	40	100	100	100			
30	Nababganj 55 MW PP (Southern powe	HFO (IPP)	3x19.3	55	55	55	55	55	55			
31	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55			
32	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	88	90	90	90			
33	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	162	144	144	144			
34	Manikganj 35MW Solar PP (Inspectra	Solar (IPP)	1x35	35	35	28	0	30	0			
35	Kanchan Purbachal Power Generation	HFO (IPP)	3x19.404	55	55	0	55	55	55			
36	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0			
37	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	0	70	85	0	0			
38	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	0	86	81	50	81			
39	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	46	80	100	100			
Dhaka Zone Total				6155	5696	2890	3149	3469	3614	550	1370	
40	Kamaghul Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	72	70	70	158	Low water level	
41	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	150	150	150	150	30	Gas Shortage	
42	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4	0	5	0			
43	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
44	Teknaf 20MW PP (Soltartech)	Solar (IPP)	1x20	20	20	6	0	20	0			
45	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	21	25	25	25			
46	Sikalbaha 105 MW PP (Baraka Sikab	HFO (IPP)	6x18.415	105	105	105	105	105	105			
47	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150	Under maint.	
48	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	203	203	200	200			
49	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	281	300	300	300			
50	Julda 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	0	0			
51	Julda 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	90	90	90	90			
52	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	44	51	51			
53	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	35	0	50			
54	Barabunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	0			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			4	8	10	20			
55	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	96	97	100	100			
56	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54			
57	Kamaghul Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	95	94	93	95			
58	Julda unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	90	91	100	100			
59	Chattogram 116 MW PP (Anima Ener	HFO (IPP)	6x21.06	116	116	77	113	113	113			
Chattogram Zone Total				2442	2382	1346	1506	1511	1548	368	150	
60	a) Ashuganj TPP Unit-4	Gas (APSCCL)	1 x 150	150	129	0	0	0	0	129	Gas Shortage	
	b) Ashuganj TPP Unit-5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0	134	Gas Shortage	
61	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	11	29	29	29			
62	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1x75	221	221	218	217	220	220			
63	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	180	250	250	250			
64	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	330	270	280	300			
65	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	52	52	55	55			
66	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20'9.73+1'116	195	195	55	8	26	26	187	Gas Shortage	
67	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51			
68	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	138	135	150	150			
69	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	7	42	32	42			
70	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	137	136	137	137			
71	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	140	200	200	200			
72	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19			
73	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
74	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	12	25	25			
75	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	34	52	43	52			
76	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	15	22	22			
77	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	88x1.4+40x1.315+15x1.358	200	200	40	100	100	200			
78	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	99	99	99	99			
79	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	103	113	113	113			
80	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	17	35	35	35			
81	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	60	99	100	100			
**	Impoort (Tripura)	India		160	160	98	96	138	163			
Cumilla Zone Total				3059	3014	1845	2041	2135	2299	450	0	
82	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	139	131	120	140			
83	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	17	17			
84	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	8	0	0	0	0		Dependable cap. : 8MW	
85	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	98	107	106	107			
86	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	182	200	200	200			
87	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0			
88	Sutakali 50 MW Solar PP	Solar (IPP)	1x50	50	50	46	0	50	0			
89	Tangail 22 MW PP(PGCL)	HFO (IPP)	4x6.7	22	22	24	24	22	22			
Mymensingh Zone Total				717	622	508	479	517	486	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.03.22 (Yesterday)		28.03.22 (Today)		27.03.22 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening				
90	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32-1x33	97	70	30	30	30	30		40	GT1 Under maint.	
91	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35-1x35	104	90	30	30	30	30		60	GT-4 Under maint.	
92	Fenchugonj 51 MW PP (Barakatalah)	Gas (RPP)	19x2.90	51	51	42	50	50	50				
93	Kushara 163 MW CAPP (KP)	Gas (IPP)	1x109-1x54	163	163	163	163	163	163				
94	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
95	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	60	60	60				
96	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	270	270	270	270	60		Gas Shortage	
97	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	85	88	86	86				
98	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	0	0	75	75		231	Under maint.	
99	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0		20	Under HGPI	
100	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
101	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	23	24	22	24				
102	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	270	285	300	300				
103	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	402	399	400	400				
104	Bibiyana South 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	0	0	0	0				
105	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work	
	Sylhet 50MW PP (EPL)	Gas (RPP)	2x27			11	16	15	16				
	Fenchugonj 44MW (Energyprime)	Gas (RPP)	12'3.3+5'2			15	23	20	25				
Sylhet Zone Total						2422	2377	1396	1459	1542	1550	60	451
106	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
107	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	270	275	290	300	135		Gas shortage	
108	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	40	0	40				
109	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	10	0	30				
110	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	155	155	225	225				
111	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	7x61.4+7x1.515	100	100	0	33	100	100				
112	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	105	105	105	105				
113	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	15	0	0				
114	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	83	0	50	0				
115	Khulna 115 MW PP (KPLC-2)	HFO (QRPP)	7x17	115	0	31	80	100	115				
	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5'8.5			24	32	32	32				
**	Bheramara (HVDC)	India		1000	1000	909	901	935	935				
Khulna Zone Total						2348	2229	1577	1646	1837	1882	135	0
116	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	32	32	80				
117	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	27	37	25	35				
118	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	15	67	65	67				
119	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	0	0				
120	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	500	470	660	660		774	Line Overload	
121	Potukhalai 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	0	0				
122	Bhola 220MW CAPP (Nutan Bidyut BC)	Gas/HSD (IPP)	2x75+1x70	220	220	216	222	220	220				
Barishal Zone Total						2046	2046	774	828	1002	1062	0	774
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	Gas Shortage	
124	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	43	34	43				
125	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	100	100	200				
126	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	42	40	42				
127	Chapainawabganj 100 MW Peaking PI	HFO (PDB)	12x8.924	104	104	51	93	90	93				
128	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	8	24	0	32				
129	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	34	43	42	43				
130	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	36	30	36				
131	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	214	214	220	220			Running on HSD	
132	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	160	183	220	220				
133	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	148	157	150	160	63		Gas Shortage	
134	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	414	304	300	350	110		Gas Shortage	
135	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	17	20	22	22				
136	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
137	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	43	34	43	43				
138	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	95	95	95	113				
139	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	76	94	113	113				
140	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	4	0	6	0				
Rajshahi Zone Total						2129	2129	1275	1493	1516	1741	344	0
141	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	77	75	75	75				
	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	199	200	200	200	74		Coal shortage	
143	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			Condenser mode	
144	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	109	109	113	113				
145	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	8	0	0			Condenser mode	
146	Majpara, Tatala 8 MW Solar PP (Sympa Powe)	Solar (IPP)	1 x 8	8	8	5	0	8	0				
147	Thakurgaon 115MW PP (Energyrac)	HFO (IPP)	6'20	115	115	115	115	115	115				
Rangpur Zone Total						800	720	505	507	511	503	74	85
Sub-total: Plants in operation						22118	21215	12116.0	13108	14040	14685	1981	2830
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss								11794	12759	13666	14294		
(B) Plants under long term maintenance/ contract expired													
	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0			Forced Outage	
	Bogra 20 MW PP (Energyprime)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020	
	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	0	0	0	0	0			Contract Expired on 11/01/2022	
Sub-Total: Plants under long term maintenance/ contract expired						178	0	0	0	0	0		
Gross Total						22296	21215	12116	13108	14040	14685	1981	2830
(C) Actual data of 27.03.22 (Yesterday) Sunday :													
01.	Max. Demand at eve. peak (Generation end)		13108.00	MW, at = 19:00 hrs									
02.	Max. Demand at eve. peak (Sub-station end)		12759.38	MW, at = 19:00 hrs									
03.	Highest Generation (Generation end)		13108.00	MW, at = 19:00 hrs									
04.	Minimum Generation (Generation end)		10110.00	MW, at = 7:00 hrs									
05.	Day-peak Generation (Generation end)		12116.00	MW, at = 12:00 hrs									
06.	Evening-peak Generation (Generation end)		13108.00	MW, at = 19:00 hrs									
07.	Evening Peak Load-shed (Sub-station end)		0.00	MW, at = 19:00 hrs									
08.	Minimum Generation Forecast up to 8:00 hrs.		10353.00	MW, at = 5:00 hrs									
09.	Generation shortfall at evening peak due to :												
	a) Gas limitation		1749	MW									
	d) Coal supply Limitation		74	MW									
	b) Low water level in Kaptai lake		158	MW									
	c) Plants under shut down/ maintenance		2830	MW									
10.	Total Energy (Generation + India Import)		284.00	MKWh									
	By Gas = 138.322 MKWH			By Oil = 98.903 MKWh									
	By Coal = 19.854 MKWH			By Hydro = 1.727 MKWh									
	By Solar= 1.093 MKWH												
11.	Total Gas Supplied		1090.51	MMCFD									
(D) Forecast of 28.03.22 (Today) Monday :													
01.	Maximum Demand		13600	MW (Generation end)									
02.	Maximum Generation		14685	MW (Generation end)									
03.	Reserve / Shortage		1085	MW (Generation end)									
04.	Maximum Load-shed		0	MW At evening peak (Sub-station end)									
05.	Total Generation		290.84	MKWh									
06.	Probable Max. Temperature in Dhaka :		34.6° C										

#Remarks: Highest Generation 13792 MW on 27-04-2021 at 20:00

(Md. Helalur Rahman)
Deputy Secretary, Generation