

**Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2022		Day : Sunday				Date : 27.03.22									
Probable Maximum Demand :		13800 MW		Yesterday = 86.25 ft		Today = 86.01 ft		Probable Maximum Generation : 14495 MW		Rule Curve = 88.84 ft					
Water Level of Kaptai Lake at 06:00 AM															
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.03.22 (Yesterday)		27.03.22 (Today)		26.03.22 (Yesterday) Probable Peak Generation (MW)	27.03.22 (Today) Probable Peak Generation (MW)	Gas/water/Cool limitation (MW)	Machines shut down (MW)	Status of Machines under shut-down Maintenance	Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)	Evening	Actual Peak Generation (MW)	Evening							
(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	200	200	200	200	40			Gas Shortage		
	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	220	220	240	240						
4	Ghorasal 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	Hariapur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20			Gas Shortage		
7	Hariapur 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	300	300	330	330	150			Dirty in gas		
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115		Under Overhauling		
10	Hariapur 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	0	97	97	210			Gas Shortage		
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	216	200	215		118		STG Under maint.		
13	Meghnaghat CCPP(Summit)	Gas (IPP)	2x110+1x110	335	335	230	230	230	230	105			Gas Shortage		
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55						
15	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	0	0						
16	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	64	93	93	93						
17	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	10	22	22						
18	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+6x13	80	80	47	51	52	52						
19	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	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	24	50	51	51						
22	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	34	90	105	105						
23	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.08	149	149	32	115	150	150						
24	Kamalgahat 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	115	283	300	300						
26	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	85	149	149	149						
27	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x12.4	300	300	0	0	200	300						
28	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100						
29	Aurahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100						
30	Nabaganj 55 MW PP (Southern powe)	HFO (IPP)	3x19.3	55	55	35	55	55	55						
31	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	55	55						
32	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	73	91	90	91						
33	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	108	144	144	162						
34	Manikganj 35MW Solar PP (Inspectra)	Solar (IPP)	1x35	35	35	16	0	30	0						
35	Kanchan Purbachal Power Generation	HFO (IPP)	3x19.404	55	55	27	55	55	55						
36	Katpotti 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	0	91	0	0						
38	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	0	0	81	0	81						
39	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	81	100	100						
Dhaka Zone Total				6155	5696	1934	2939	3423	3612	715	1370				
40	Kamaghulji Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	68	70	70		162		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	7	3	0	5	0						
43	Riazan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25						
44	Teknaf 20MW PP (Sartech)	Solar (IPP)	1x20	20	20	17	0	20	0						
45	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	25	25	25	25						
46	Sikalbaha 105 MW PP (Baraka Sikalb)	HFO (IPP)	6x18.415	105	105	56	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	204	204	200	200						
49	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	300	300	300	300						
50	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	0	0						
51	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	76	90	90	90						
52	Dohazari -Kalash 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	17	51	51						
53	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0						
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			42	42	10	25						
55	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	90	104	100	100						
56	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54						
57	Kamaghulji Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	73	110	110	110						
58	Juldah unit 2 (Acorn)	HFO (IPP)	8x13.6	100	100	50	90	100	100						
59	Chattogram 116 MW PP (Anima Ener)	HFO (IPP)	6x21.06	116	116	75	113	113	113						
Chattogram Zone Total				2442	2382	1285	1497	1528	1518	372	150				
60	a) Ashuganj TPP Unit-4	Gas (AFSCL)	1 x 150	150	129	0	0	0	0	129			Gas Shortage		
	b) Ashuganj TPP Unit-5	Gas (AFSCL)	1 x 150	150	134	0	0	0	0	134			Gas Shortage		
61	Ashuganj 50 MW PP	Gas (AFSCL)	14x3.968	53	45	29	29	29	29						
62	Ashuganj 225 MW CCPP	Gas (AFSCL)	1x142+175	221	221	215	216	220	220						
63	Ashuganj 450 MW CCPP(South)	Gas (AFSCL)	1x360	360	360	280	320	280	320						
64	Ashuganj 450 MW CCPP(North)	Gas (AFSCL)	1x361	360	360	280	325	300	325						
65	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	49	56	55	55						
66	Ashuganj 195MW PP (AFSCL-United)	Gas (IPP)	20'9.73+1'16	195	195	8	55	26	26	140			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	117	140	150	150						
69	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	32	41						
70	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	136	136	137	137						
71	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	100	200	200						
72	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	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	25	25	25						
75	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	43	43	43						
76	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	20	22	22						
77	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	89x1.4+40x1.05+15x1.05	200	200	0	0	100	200						
78	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	51	98	99	99						
79	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	101	114	113	113						
80	Bhairab														

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.03.22 (Yesterday)		27.03.22 (Today)		26.03.22 (Yesterday)		Status of Machines under shut-down Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for:		Description/ Remarks	Probable start-up date	
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)			
90	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32-1x33	97	70	30	30	30	30			GT1 Under maint.	
91	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35-1x35	104	90	30	30	30	30			GT4 Under maint.	
92	Fenchugonj 51 MW PP (Barakatalah)	Gas (RPP)	19x2.90	51	51	44	50	47	47				
93	Kushara 163 MW CAPP (KP)	Gas (IPP)	1x109-1x54	163	163	110	163	163	163				
94	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
95	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	60	60	60				
96	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	270	266	220	270	64		Gas Shortage	
97	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	84	88	86	86				
98	Sylhet 225 MW CAPP	Gas (PDB)	1x142-1x89	231	231	0	0	0	0			231 Under maint.	
99	Sylhet 20 MW GTTP	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	9	10	10	10				
101	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	19	24	22	24				
102	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	305	300	300				
103	Bibiana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	403	402	400	400				
104	Bibiana South 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	0	0	0	0				
105	Shahjibazar 100 MW GTTP	Gas (PDB)	1x100	100	100	0	0	0	0			100 Under project work	
	Sylhet 50MW PP (EPL)	Gas (RPP)	2x27			8	15	10	15				
	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5*2			12	12	15	15				
Sylhet Zone Total					2422	2377	1369	1466	1404	1461	64	451	
106	Bheramara GTP Unit-3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
107	Bheramara 410 MW CAPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	225	225	290	300	185		Gas shortage	
108	Fairdiganj 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	36	0	40				
109	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	30				
110	Khulna 225 MW CAPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	120	170	225	225				
111	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
112	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	63	105	105	105				
113	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	0	0				
114	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	39	0	50	0				
115	Khulna 115 MW PP (KPLC-2)	HFO (QRPP)	7x17	115	0	0	63	0	0				
	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5*8.5			0	32	0	0				
**	Bheramara (HVDC)	India		1000	1000	714	712	935	935				
Khulna Zone Total					2348	2229	1161	1343	1705	1735	185	0	
116	Bansail 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	0	80				
117	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	23	35	25	35				
118	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	66	66	65	65				
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	430	570	660	660			674 Line Overload	
121	Potukhali 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	218	221	220	220			674	
Barishal Zone Total					2046	2046	737	908	970	1060	0	674	
123	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari 100 MW GTTP	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	0	100	200				
126	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	40	40				
127	Chapainawabganj 100 MW Peaking PI	HFO (PDB)	12x8.924	104	104	0	88	90	90				
128	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	0	40				
129	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	42	43				
130	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	25	35				
131	Sirajgonj 225MW CAPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	213	211	220	220				
132	Sirajgonj 225MW CAPP Unit-2	Gas (NWP/GCL)	1x150+1x75	220	220	130	130	220	220			Running on HSD	
133	Sirajgonj 225MW CAPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	133	131	148	148	89		Gas Shortage	
134	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	360	415	350	350				
135	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	20	22	22				
136	Lillapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
137	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	34	43	43	43				
138	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	95	113	95	113				
139	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	96	113	113	113				
140	Sirajgonj 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	5	0	6	0				
Rajshahi Zone Total					2129	2129	1092	1425	1559	1731	260	0	
141	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	76	80	77	81				
	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	199	200	200	75		Coal shortage	
143	Rangpur 20 MW GTTP	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 GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0			Condenser mode	
146	Majpara, Tatala 8 MW Solar PP (Sympe Powe)	Solar (IPP)	1 x 8	8	8	7	0	8	0				
147	Thakurgaon 119MW PP (Energytac)	HFO (IPP)	6*20	115	115	112	115	115	115				
Rangpur Zone Total					800	720	503	503	513	509	75	85	
Sub-total: Plants in operation					22118	21215	10189.0	12593	13784	14495	2074	2730	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							9883	12214	13369	14059			
(B) Plants under long term maintenance/contract expired													
148	Bosilia 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0			Forced Outage	
149	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020	
150	Annura 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	0	0	
Gross Total					22296	21215	10189	12593	13784	14495	2074	2730	

(C) Actual data of 26.03.22 (Yesterday) Saturday :												
01.	Max. Demand at eve. peak (Generation end)	12593.00 MW, at = 21:00 hrs	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						Total	12214	12214	0
			Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW				
02.	Max. Demand at eve. peak (Sub-station end)	12214.19 MW, at = 21:00 hrs										
03.	Highest Generation (Generation end)	12617.00 MW, at = 22:00 hrs										
04.	Minimum Generation (Generation end)	9622.00 MW, at = 9:00 hrs	Dhaka	4200	4200	0	Mymensingh	1095	1095	0		
05.	Day-peak Generation (Generation end)	10189.00 MW, at = 12:00 hrs	Chattoagram	1166	1166	0	Sylhet	399	399	0		
06.	Evening-peak Generation (Generation end)	12593.00 MW, at = 21:00 hrs	Khulna	1518	1518	0	Barishal	355	355	0		
07.	Evening Peak Load-shed (Sub-station end)	0.00 MW, at = 21:00 hrs	Rajshahi	1477	1477	0	Rangpur	821	821	0		
08.	Minimum Generation Forecast up to 8:00 hrs.	10110.00 MW, at = 5:00 hrs	Cumilla	1183	1183	0						
09.	Generation shortfall at evening peak due to :											
	a) Gas limitation	1837 MW										
	d) Coal supply Limitation	75 MW										
	b) Low water level in Kaptai lake	162 MW										
	c) Plants under shut down/ maintenance	2730 MW										
10.	Total Energy (Generation + India Import)	268.36 MKWh										
	By Gas =	137.075 MKWh										
	By Coal =	19.314 MKWh										
	By Solar=	0.936 MKWh										
11.	Total Gas Supplied	1110.82 MMCFD										
12.	Fuel cost :											
	(a) Gas =	149805284 Taka										
	(b) Oil =	698903226 Taka										
	(c) Coal =	92862194 Taka										
	Total =	941570704 Taka										
14.	Maximum Temperature in Dhaka was :	32.8° C										
15.	Export through East-West interconnections :											
	At evening peak-hour	-156 MW, at 21:00 hrs										
	Maximum	-248 MW, at 19:30 hrs										
	Energy	0.305 MKWh										

(D) Forecast of 27.03.22 (Today) Sunday :												
01.	Maximum Demand	13800 MW (Generation end)	04.	Maximum Load-shed	0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	14495 MW (Generation end)	05.	Total Generation	289.81 MKWh							
03.	Reserve / Shortage	695 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	31.5° C							

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

(Md. Helalur Rahman)
Deputy Secretary, Generation