



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2020				Day : Friday				Date : 27.03.20						
Probable Maximum Demand : 9200 MW				Probable Maximum Generation : 14460 MW										
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 84.26 ft				Today = 83.88 ft						
				Rule Curve = 88.84 ft										
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.03.20 (Yesterday)		27.03.20 (Today)		26.03.20 (Yesterday)		27.03.20 (Today)		Status of Machines under shut-down/ Maintenance	Probable start-up date
					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	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	24	24	24	24		61	Unit-1 Under maint.	30/3/2020	
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.		
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	100	200	160	170					
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under maint.	30/04/2020	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	308	315	365	365					
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	12	12	12	12	96		Gas Shortage		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78		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)	2 x 32	64	40	0	0	0	0	40		Gas Shortage		
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	314	355	360	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	340	400	450	450					
9	210 MW Siddhirganj 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	340	338	412	412					
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	35	70	70	175		Gas Shortage		
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335		Gas Shortage		
13	Siddhirganj 100 PP(Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	7	70	100	100					
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	125	150	150					
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	77	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	14	48	100	100					
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55					
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	0	102	102					
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	0	5	22	22					
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	37	31	58	58					
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	28	23	33	33					
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	25	33	33	33					
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52					
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	100	100					
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149					
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50					
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	17	35	54	54					
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	30	200	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	15	149	149	149					
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300					
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100					
33	Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100					
34	Nababganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	0	0	55	55					
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	35	35					
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0					
Dhaka Zone Total				6047	5811	1731	2375	3550	4160	829	536			
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	75	75	80	80	155		Low Water Level		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	95	100	100	85		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	4.8	0	5	0					
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25					
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18.6	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	50	50					
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	0	0	105	105					
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	104	145	145					
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	219	204	225	225					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	150	230	300					
47	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
48	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	0	0	100	100					
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	80	100					
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0					
51	Barabkunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	22	22	22	22					
*	Melanacha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			32	42	25	30					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	100	100					
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54					
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110					
	Juldah unit-2	HFO (IPP)				40	100	100	100					
Chattogram Zone Total				2226	2166	650.4	843	1616	1746	240	180			
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage		
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	80	80	100	100					
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage		
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	40	46	46	46					
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	208	180	225	225					
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	295	245	360	360					
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	350	315	360	360					
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5					
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8					
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	10	30	51	51					
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	146	100	150					
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50					
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0		163	Under CI		
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200					
67	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	19	22	22	22					
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11					
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	8	33	33	33					
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	50					
71	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	21	21	22	22					
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200					
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	0	114					
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	65	113	113					
**	Import (Tripura)	India		160	160	104	128	116	136					
Cumilla Zone Total				3040	2980	1153	1335	1572	2256	269	163			
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	199	205	200	200					
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	17	22	22	22					
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	18	95	95	95					
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	32	115	115					
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	150	151	120	200					
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0					
Mymensingh Zone Total				645	637	386	505	553.6	632	0	0			

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.03.20 (Yesterday)		27.03.20 (Today)		26.03.20 (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)		
81	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	41	42	41	41			
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43			
83	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	2	53	51	51			
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	48	44	44			
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163			
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11			
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	45	62	66	66			
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	264	140	250	250	190	Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	10	72	80	86			
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	70	145	150	150			
91	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	18	20	20			
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10			
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	24	24	24			
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	330	341	341			
96	Bibiya-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			
Sylhet Zone Total					1944	1899	930	1128	1294	1300	190	0
97	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40			
98	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	345	410	410	410			
99	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35			
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70			
101	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225			
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	99	115	115			
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100			
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40			
105	Rupsha 105 MW PP (Orton rupsha)	HFO (IPP)	6x18.445	105	105	17	17	90	105			
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105			
**	Bheramara (HVDC)	India		1000	1000	553	747	306	502			
Khulna Zone Total					2328	2314	915	1313	1041	1747	0	0
107	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30			
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	70	110			
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	17	23	20	23			
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	179	168	185	185			
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	89	95			
Payra 1320 MW							300	354	0			
Barishal Zone Total					472	462	496	545	364	443	0	0
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71	Gas Shortage	
113	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Gas Shortage	
114	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50			
115	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200			
116	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45			
117	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0			
118	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	51	102	80	100			
119	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40			
120	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	40	40			
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36			
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	140	190	210	210	20	Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220	Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	140	180	210	210	40	Gas Shortage	
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	399	389	410	410			
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	16	18	18	18			
127	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	12	11	11			
128	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11			
129	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	16	24	52	52			
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	35	109	113	113			
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	113	113			
Rajshahi Zone Total					2193	2183	820	1035	1508	1659	451	0
132	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	88	89	90	90			
133	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Shutdown for Low Demand	
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	270	270	280	280			
135	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17			
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	41	54	113	113			
137	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17			
138	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	6	0	8	0			
Rangpur Zone Total					685	605	405	413	491	517	0	85
Sub-total: Plants in operation					19580	19057	7486.4	9492	11990	14460	1979	964
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss							7074	8969	11329	13663		
(B) Contract expired power plants												
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0		Contract expired	
Sub-Total: Plants under long term maintenance					50	50	0	0	0	0		
Gross Total					19630	19107	7486.4	9492	11990	14460	1979	964
(C) Actual data of 26.03.20 (Yesterday) Thursday :												
01.	Max. Demand (Generation end)	:	9492.00 MW, at = 19:30 hrs P									
02.	Max. Demand (Sub-station end)	:	8969.00 MW, at = 19:30 hrs P									
03.	Highest Generation (Generation end)	:	9492.00 MW, at = 19:30 hrs									
04.	Minimum Generation (Generation end)	:	6555.00 MW, at = 6:00 hrs									
05.	Day-peak Generation (Generation end)	:	7486.40 MW, at = 12:00 hrs									
06.	Evening-peak Generation (Generation end)	:	9492.00 MW, at = 19:30 hrs P									
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:30 hrs P									
08.	Actual Minimum Generation up to 8:00 hrs.	:	6418.00 MW, at = 5:00 hrs am									
09.	Generation shortfall at evening peak due to :	:										
a)	Gas limitation	:	1824 MW									
d)	Coal supply Limitation	:	0 MW									
b)	Low water level in Kaptai lake	:	155 MW									
c)	Plants under shut down/ maintenance	:	964 MW									
10.	Total Energy (Generation + India Import)	:	183.42 MKWh									
	By Gas = 133.669 MKWh		By Oil = 15.093 MKWh									
	By Coal = 16.258 MKWh		By Hydro = 1.752 MKWh									
	By Solar= 0.197 MKWh											
11.	Total Gas Supplied	:	1082.45 MMCFD									
12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :											
	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW				
	Dhaka	2686	2686	0	Mymensingh	902	902	0				
	Chattogram	812	812	0	Sylhet	369	369	0				
	Khulna	1201	1201	0	Barishal	249	249	0				
	Rajshahi	1105	1105	0	Rangpur	683	683	0				
	Cumilla	962	962	0								
					Total	8969	8969	0				
13.	Fuel cost :	(a) Gas = 120282874 Taka	(c) Coal = 40372580 Taka									
		(b) Oil = 98522257 Taka	Total = 160655454 Taka									
14.	Maximum Temperature in Dhaka was :	35° C										
15.	Export through East-West interconnections :											
	At evening peak-hour	:	-185 MW, at 19:30 hrs PM									
	Maximum	:	-185 MW, at 19:30 hrs									
	Energy	:	0.4965 MKWh									
(D) Forecast of 27.03.20 (Today) Friday :												
01.	Maximum Demand	:	9200 MW (Generation end)		04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	14460 MW (Generation end)		05.	Total Generation	:	177.77 MKWh				
03.	Maximum Shortage	:	-5260 MW (Generation end)		06.	Probable Max. Temperature in Dhaka :	:	38° C				

* Captive Power ** Imported Power

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Faouzi Islam Shaker)
Deputy Secretary, Generation