



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2020				Day : Tuesday				Date : 31.03.20			
Probable Maximum Demand : 10000 MW				Probable Maximum Generation : 15326 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 82.91 ft		Today = 82.51 ft		Rule Curve = 88.17 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.03.20 (Yesterday)		31.03.20 (Today)		30.03.20 (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)	
(A) Plants in operation:											
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	24	24	24	24		Unit-1 Under maint.
	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	150	180	180		
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Under maint. 30/05/2020
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x254+1x126	365	365	250	289	365	365		
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	108	Gas Shortage
4	Ghorashal 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	223	288	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	350	340	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	364	338	412	412		
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	69	65	80	100	145	Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	205	180	220	220	155	Gas Shortage
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	1	60	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	135	150	150		
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	42	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	15	98	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55		
18	Keraniganj 100 MW PP (Powerpa)	HFO (QRPP)	8x13.45	100	100	0	0	100	100		
19	Gagnagar 102 MW PP (Digital Po)	HFO (IPP)	12x8.924	102	102	0	0	102	102		
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22		
21	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	32	34	58	58		
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	21	21	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	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50		
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	35	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	68	200	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	35	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300		
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100		
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100		
34	Nababganj 55 MW PP (Southern)	HFO (IPP)	3x19.3	55	55	0	0	55	55		
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	35	35	35		
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0		
Dhaka Zone Total				6047	5811	1827	2289	3788	4408	631	536
37	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	78	74	80	80	156	Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	100	100	80	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	7	5	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	19.8	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	32	50	50		
43	Sikalbaha 105 MW PP (Baraka Si)	HFO (IPP)	6x18.415	105	105	0	0	105	105		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	134	140	145	145		
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	212	204	225	225		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	198	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 Peakir	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 (SIPP, PDB)	8x2.90	22	22	20	21	22	22		
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			42	40	40	42		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	100	100		
53	Sikalbaha 54 MW Power Plant(Jodiach 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)				30	100	100	100		
Chattogram Zone Total				2226	2166	640.8	960	1631	1758	236	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	120		
	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	39	44	46	46		
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	192	180	225	225		
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	265	250	360	360		
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	320	295	360	360		
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5		
61	Ashuganj 150MW PP (Precision-United)	Gas (IPP)	20*9.73+1*16	195	195	8	8	45	45		
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	9	51	51	51		
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	4	130	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 Cl
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200		
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	21	22	22		
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11		
69	Jangalia 33MW PP (Summit)	Gas (SIPP, 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 (SIPP, REB)	3x3.67+2x6.97	25	25	18	18	22	22		
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+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	105	113	113		
**	Impoprt (Tripura)	India		160	160	108	106	116	131		
Cumilla Zone Total				3040	2980	1080	1337	1609	2308	269	163
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	197	208	210	210		
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22		
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	24	95	95	95		
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	45	115	115		
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	113	115	120	200		
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.5	0	1.6	0		
Mymensing Zone Total				645	637	358.5	485	563.6	642	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.03.20 (Yesterday)		31.03.20 (Today)		30.03.20 (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	42	62	41	41				
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43				
83	Fenchugonj 51 MW PP (Barakat)	Gas (RPP)	19x2.90	51	51	5	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	20	50	44	44				
85	Kushiara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	25	64	66	66				
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	317	288	300	310	42		Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	10	81	80	86				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	100	81	150	150				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	19	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	15	24	24	24				
95	Bibiana-II 341 MW CCPP (Summi)	Gas (IPP)	1x222+1x119	341	341	310	290	341	341				
96	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
Sylhet Zone Total				1944	1899	1028	1206	1344	1360	42	400		
97	Bheramara GTPP 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	338	330	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	115	115	115				
103	Noapara 100 MW PP (Bangla Tra	HSD (IPP)	70x1.4+7x1.515	100	100	0	20	0	100				
104	Noapara 40 MW PP (Khanjahan A	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
105	Rupsha 105 MW PP (Orion rupsh	HFO (IPP)	6x18.445	105	105	0	0	90	105				
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105				
**	Bheramara (HVDC)	India		1000	1000	351	730	355	946				
Khulna Zone Total				2328	2314	689	1235	1090	2191	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	11	22	20	23				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	179	177	185	185				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	89	95				
Payra 1320 MW						350	425	0	0				
Barishal Zone Total				472	462	540	624	364	443	0	0		
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	65	65	60	60	6		Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
114	Baghabari 200 MW PP (Paramou	HSD (IPP)	135x1.6	200	200	0	0	200	200				
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45				
116	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
117	Chapainawabganj 100 MW Peak	HFO (PDB)	12x8.924	104	104	0	100	80	100				
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	38	30	40	40				
119	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	35	36	40	40				
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36				
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	195	180	210	210				
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	188	168	210	210	52		Gas Shortage	
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	387	350	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	14	17	18	18				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	11	11	11				
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	24	52	52				
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	24	113	113				
Rajshahi Zone Total				2193	2183	1054	1125	1568	1719	378	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under maint.	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	68	66	70	70		19	Shutdown for Low Demand	
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	260	260	280	280				
133	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
134	Rangpur 113 MW PP (Confidence	HFO (IPP)	7*16x 2*3	113	113	35	113	113	113				
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
136	Majpara, Tatulia 8 MW Solar PP (Sympa	Solar (IPP)	1 x 8	8	8	7.3	0	8	0				
Rangpur Zone Total				685	605	370	439	471	497	0	104		
Sub-total: Plants in operation				19580	19057	7587.6	9700	12429	15326	1556	1383		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7228	9240	11839	14599				
(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	7587.6	9700	12429	15326	1556	1383		
(C) Actual data of 30.03.20 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	9700.00	MW, at =	19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	9240.00	MW, at =	19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9700.00	MW, at =	19:30 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	6928.10	MW, at =	6:00 hrs	Dhaka	2645	2645	0	Mymensingh	884	884	0
05.	Day-peak Generation (Generation end)	:	7587.60	MW, at =	12:00 hrs	Chattogram	1068	1068	0	Sylhet	343	343	0
06.	Evening-peak Generation (Generation end)	:	9700.00	MW, at =	19:30 hrs	Khulna	1241	1241	0	Barishal	247	247	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs	Rajshahi	1146	1146	0	Rangpur	725	725	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	6673.10	MW, at =	5:00 hrs	Cumilla	941	941	0				
09.	Generation shortfall at evening peak due to :	:								Total	9240	9240	0
	a) Gas limitation	:	1400	MW		13.	Fuel cost :	(a) Gas = 132387755 Taka	(c) Coal = 35793758 Taka				
	d) Coal supply Limitation	:	0	MW				(b) Oil = 96738546 Taka	Total = 264920059 Taka				
	b) Low water level in Kaptai lake	:	156	MW									
	c) Plants under shut down/ maintenance	:	1383	MW									
10.	Total Energy (Generation + India Import)	:	189.56	MKWh		14.	Maximum Temperature in Dhaka was : 34.8° C						
	By Gas = 141.544 MKWh			By Oil = 16.428 MKWh		15.	Export through East-West interconnections :						
	By Coal = 16.257 MKWh			By Hydro = 1.807 MKWh			At evening peak-hour : -160 MW, at 19:30 hrs PM						
	By Solar= 0.247 MKWh						Maximum : -265 MW, at 19:00 hrs						
							Energy : 0.7495 MKWh						
11.	Total Gas Supplied	:	1177.00	MMCFD									
(D) Forecast of 31.03.20 (Today) Tuesday :													
01.	Maximum Demand	:	10000	MW (Generation end)		04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	15326	MW (Generation end)		05.	Total Generation : 195.42 MKWh						
03.	Maximum Shortage	:	-5326	MW (Generation end)		06.	Probable Max. Temperature in Dhaka : 38.2° C						

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation