



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month March, 2020			Day : Saturday				Date : 07.03.20					
Probable Maximum Demand :			Probable Maximum Generation :									
9000 MW			14570 MW									
Water Level of Kaptai Lake at 06:00 AM			Yesterday =		Today =		Rule Curve =					
			88.89 ft		88.66 ft		92.04 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.03.20 (Yesterday)		07.03.20 (Today)		06.03.20 (Yesterday) Gen. shortfall for :	Status of Machines under shut-down/ Maintenance	Probable start-up date	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)				
					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	0	0	0	0	85	Unit 2 under maint.	10/3/2020
	b) Ghorasal Repowered CCP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Under maint.	10/3/2020
	c) Ghorasal Repowered CCP Unit-4	Gas (PDB)	1 x 210	210	180	102	220	100	200			
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Under maint.	30/03/2020
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	310	320	325	325			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	108	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	309	361	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	350	450	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	362	342	412	412			
11	Siddhirgonj 2120 MW GTPP	Gas (EGCB)	2 x 105	210	210	42	98	0	0	112	Gas Shortage	
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	Gas Shortage	
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	40	100	100			
14	Meghnaghat CCPP(Summit)	Gas (IPP)	2x110+1x110	305	305	130	120	150	150			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	24	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	0	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 (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	40	100	102			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	0	22	22			
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	37	53	58	58			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, 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	Katpotti 52 MW PP (Sirha)	HFO (IPP)	7x7.90	51	51	0	0	50	50			
28	Kamalgat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	17	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	15	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300			
32	Branhangoan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+9x1.959	100	100	0	0	0	100			
33	Aurahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+9x1.959	100	100	0	0	0	100			
34	Nabaganj 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	0	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	70	70			
Dhaka Zone Total			6047	5811	1733	2202	3432	4134	778	560		
37	Karnaphuli Hydro PP Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	66	67	70	70	163	Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	110	110	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	0.5	0	5	0			
40	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
41	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	18.8	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	50	50			
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	105	105			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	70	146	145	145			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	163	203	0	0			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	45	230	300			
47	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
48	Juldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	0	0	100	100			
49	Dohazari-Kalataish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	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	19	19	20	22			
**	Malancha, Cig.EP2 (United)	Gas	5x8.73+3x9.34			30	40	5	25			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	100	100			
53	Sikalbaha 54 MW Power Plant(Jodiap 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			
Chattogram Zone Total			2226	2166	467.3	620	1269	1416	243	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	100	140	100	110			
	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	46	46	36	46			
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1x75	221	221	201	190	225	225			
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	125	330			
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	300	315	360	360			
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	15	10	15			
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'116	195	195	140	145	8	8			
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	5	51	51	51			
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	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	90	90	90	90			
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	22	22	22	22			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	8	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	21	22	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	0	113	113			
**	Impoort (Tripura)	India		160	160	76	108	102	113			
Cumilla Zone Total			3040	2980	1014	1185	1408	2313	269	0		
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	197	217	210	210			
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	0	22	22			
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	50	95	95	95			
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	0	115	115			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	7	0	100	200			
80	Sarishabani 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.3	0	1.6	0			
Mymensingh Zone Total			645	637	389.3	312	543.6	642	0	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.03.20 (Yesterday)		07.03.20 (Today)		06.03.20 (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 CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	89	87	85	88					
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	42	43	22	22					
83	Fenchugonj 51 MW PP (Barakatlul)	Gas (RPP)	19x2.90	51	51	11	53	51	51					
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	51	44	44					
85	Kushlaha 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	110	163	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	54	65	66	66					
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	117	120	120	120	210		Gas Shortage		
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	20	81	80	82					
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	234	232	220	220					
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	0	24	24	24					
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	305	315	341	341					
96	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	233	234	235	235					
Sylhet Zone Total				1944	1899	1236	1508	1492	1497	210	0			
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40					
98	Bheramara 410 MW CCGP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	265	365	330	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 CCGP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	225					
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	49	115	115					
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	0	0	100					
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40					
105	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	50	105					
106	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	50	105					
**	Bheramara (HVDC)	India		1000	1000	309	652	658	906					
Khulna Zone Total				2328	2314	574	1066	1273	2151	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	48	70	110					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	13	20	21	22					
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	80	139	130	135					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	13	97	89	95					
	Payra 1320 MW					0	0	0	0					
Barisal Zone Total				472	462	106	304	310	392	0	0			
112	a) Baghabani 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage		
	b) Baghabani 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage		
113	Baghabani 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50					
114	Baghabani 200 MW PP (Paramount)	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	12	24	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	25	80	100					
118	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40					
119	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	40	40					
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	38					
121	Sirajgonj 225MW CCGP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	140	220	210	210					
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage		
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage		
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	365	436	410	410					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	18	22	22					
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	10	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	0	52	52					
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	109	113	113					
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	0	113					
Rajshahi Zone Total				2193	2183	557	854	1238	1505	611	0			
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	92	90	93	93					
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Shutdown for Low Demand		
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	270	280	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	0	39	113	113					
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	0.5	0	8	0					
Rangpur Zone Total				685	605	363	409	494	520	0	85			
Sub-total: Plants in operation				19580	19057	6439.1	8460	11460	14570	2111	825			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss														
					6025	7758	10723	13633						
(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	6439.1	8460	11460	14570	2111	825			
(C) Actual data of 06.03.20 (Yesterday) Friday :														
01.	Max. Demand (Generation end)	:	8460.00	MW,	at =	20:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	7758.00	MW,	at =	20:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8460.00	MW,	at =	20:00 hrs	Dhaka	2729	2729	0	Mymensingh	599	599	0
04.	Minimum Generation (Generation end)	:	6364.80	MW,	at =	9:00 hrs	Chattogram	905	905	0	Sylhet	287	287	0
05.	Day-peak Generation (Generation end)	:	6439.10	MW,	at =	12:00 hrs	Khulna	1026	1026	0	Barishal	219	219	0
06.	Evening-peak Generation (Generation end)	:	8460.00	MW,	at =	20:00 hrs	Rajshahi	1026	1026	0	Rangpur	219	219	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	20:00 hrs P	Cumilla	748	748	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5992.00	MW,	at =	5:00 hrs am								
09.	Generation shortfall at evening peak due to :	:												
	a) Gas limitation	:	1948	MW			13.	Fuel cost :	(a) Gas = 129590261 Taka	(c) Coal = 44599825 Taka				
	d) Coal supply Limitation	:	0	MW				(b) Oil = 45812407 Taka	Total = 174190086 Taka					
	b) Low water level in Kaptai lake	:	163	MW										
	c) Plants under shut down/ maintenance	:	825	MW			14.	Maximum Temperature in Dhaka was :	29.6° C					
10.	Total Energy (Generation + India Import)	:	166.46	MKWh			15.	Export through East-West interconnections :						
	By Gas = 137.564 MKWh				By Oil = 7.879 MKWh			At evening peak-hour	: -218	MW,	at	20:00 hrs PM		
	By Coal = 9.685 MKWh				By Hydro = 1.560 MKWh			Maximum	: -395	MW,	at	8:00 hrs		
	By Solar = 0.108 MKWh							Energy	: 3.0645	MKWh				
11.	Total Gas Supplied	:	1068.06	MMCFD										
(D) Forecast of 07.03.20 (Today) Saturday :														
01.	Maximum Demand	:	9000	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	14570	MW	(Generation end)	05.	Total Generation	:	177.09	MKWh				
03.	Maximum Shortage	:	-5570	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	27.3° C					

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation