



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel.: 9584667, 9551095

Month March, 2020				Day : Monday				Date : 02.03.20					
Probable Maximum Demand : 10000 MW				Probable Maximum Generation : 15365 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 89.67 ft				Today = 89.55 ft					
				Rule Curve = 92.84 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.03.20 (Yesterday)		02.03.20 (Today)		01.03.20 (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)			
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	37	37	37	37		48	Unit-2 Under maint.	2/3/2020
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	149	149	150	160				
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
	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	177	260	300	380				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0				
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	70	35	78	78				
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	335	333	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	450	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	362	350	412	412				
11	Siddhirganj 2'120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		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 Bangla)	HFO (QRPP)	12x8.9	100	100	70	90	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	130	150	150	150				
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	7	86	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	29	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	30	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	20	100	100				
19	Gagnagar 102 MW PP Digital Pow	HFO (IPP)	12x8.924	102	102	24	102	100	102				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22				
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	57	58	58				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33				
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	8	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	Kalpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	12	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	119	141	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300				
32	Bramhangaoan 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	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	70	70				
Dhaka Zone Total				6047	5811	1999	2539	3572	4264	870	353		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	67	68	70	70	162		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	115	110	110	110				
	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	5.1	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	26	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	116	100	145	145				
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	218	204	210	210				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	100	214	230	300				
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	0	80	90	90				
49	Dohazari -Kalaish 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	21	21				
*	Malancha, Cig.EPZ (United)	Gas	5x8.73+3x9.34			5	22	20	30				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	25	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				
Chattogram Zone Total				2226	2166	663.7	868	1485	1620	162	180		
55	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	100	80	100	100				
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage	
56	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	46	46	46	46				
57	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1'75	221	221	205	184	225	225				
58	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	330	315	360	360				
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	325	315	360	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	5	5	5				
61	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20'9.73+1'116	195	195	8	8	8	8				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	43	51	51				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	24	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	19	22	22	22				
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11				
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	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	21	21	21				
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				
**	Impoport (Tripura)	India		160	160	102	122	102	119				
Cumilla Zone Total				3040	2980	1340	1316	1647	2328	269	0		
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	176	162	150	160				
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	22	22				
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	48	91	95	95				
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	88	115	115				
79	Mymensingh 200 MW PP (Limited)	HFO (IPP)	21x9.780	200	200	7	16	100	200				
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	1.6	0				
Mymensingh Zone Total				645	637	365.3	374	483.6	592	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.03.20 (Yesterday)		02.03.20 (Today)		01.03.20 (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)	Description/ Remarks	Probable start-up date
81	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	72	72	72	72				
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	22	22	22	22				
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	48	48	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44				
85	Kushlari 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	65	66	66				
88	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	144	144	150	150				
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	79	60	80	80				
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	24	231	130	150				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	19	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	10	10	10	10				
94	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	24	24	24	24				
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	310	341	341				
96	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	235	235	235	235				
Sylhet Zone Total				1944	1899	1244	1431	1419	1439	0	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 (NWPGL)	1 x 278+1 x 132	410	410	385	390	410	410				
99	Faridpur 30 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	36				
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70				
101	Khulna 225 MW CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
102	Khulna 115 PP MW (KPL-2)	HFO (QRPP)	7x17	115	115	16	115	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	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 (NWPGL)	6x18.415	105	105	0	0	50	105				
**	Bheramara (HVDC)	India		1000	1000	634	884	650	898				
Khulna Zone Total				2328	2314	1035	1389	1345	2144	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	13	21	20	21				
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	68	90	100	100				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	12	0	89	95				
Payra 1320 MW						330	442	500	600				
Barishal Zone Total				472	462	423	553	779	956	0	0		
112	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	
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
114	Baghabari 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	0	0	40	40				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	68	68	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	38					
121	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	190	185	210	210				
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage	
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	419	386	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	7	8	10	11				
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, 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	109	109	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	17	0	113				
Rajshahi Zone Total				2193	2183	822	802	1228	1495	611	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	88	87	100	100				
	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	285	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	75	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 (Sympha	Solar (IPP)	1 x 8	8	8	6.6	0	8	0				
Rangpur Zone Total				685	605	400	447	501	527	0	85		
Sub-total: Plants in operation				19580	19057	8291.6	9719	12460	15365	1912	618		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7806	8896	11730	14465				
(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	8291.6	9719	12460	15365	1912	618		
(C) Actual data of 01.03.20 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	9719.00	MW, at = 19:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8896.00	MW, at = 19:00 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	9719.00	MW, at = 19:00 hrs	Dhaka	3367	3367	0	Mymensingh	768	768	0	
04.	Minimum Generation (Generation end)	:	6044.00	MW, at = 5:00 hrs	Chattogram	981	981	0	Sylhet	350	350	0	
05.	Day-peak Generation (Generation end)	:	8291.60	MW, at = 12:00 hrs	Khulna	1118	1118	0	Barishal	223	223	0	
06.	Evening-peak Generation (Generation end)	:	9719.00	MW, at = 19:00 hrs	Rajshahi	1118	1118	0	Rangpur	223	223	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs P	Cumilla	748	748	0					
08.	Actual Minimum Generation up to 8:00 hrs.	:	6308.00	MW, at = 5:00 hrs am					Total	8896	8896	0	
09.	Generation shortfall at evening peak due to :	:			13.	Fuel cost :							
	a) Gas limitation	:	1750	MW		(a) Gas =	126453590	Taka	(c) Coal =	40889021	Taka		
	d) Coal supply Limitation	:	0	MW		(b) Oil =	117831752	Taka	Total =	167342611	Taka		
	b) Low water level in Kaptai lake	:	162	MW									
	c) Plants under shut down/ maintenance	:	618	MW	14.	Maximum Temperature in Dhaka was : 31.4° C							
10.	Total Energy (Generation + India Import)	:	187.55	MKWh	15.	Export through East-West interconnections :							
	By Gas =	136.548	MKWH	By Oil =	16.678	At evening peak-hour			-12	MW, at	19:00 hrs PM		
	By Coal =	16.843	MKWH	By Hydro =	1.566	Maximum			-248	MW, at	1:00 hrs		
	By Solar=	0.172	MKWH			Energy			1.1625	MKWh			
11.	Total Gas Supplied	:	1102.66	MMCFD									
(D) Forecast of 02.03.20 (Today) Monday :													
01.	Maximum Demand	:	10000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	15365	MW (Generation end)	05.	Total Generation : 192.97 MKWh							
03.	Maximum Shortage	:	-5365	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 32.2° C							

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation