



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2020					Day : Friday					Date : 13.03.20				
Probable Maximum Demand : 9200 MW					Probable Maximum Generation : 14691 MW					Rule Curve = 91.08 ft.				
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 87.73 ft					Today = 87.48 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.03.20 (Yesterday)		13.03.20 (Today)		12.03.20 (Yesterday)		13.03.20 (Today)		Status of Machines under shut-down/ Maintenance	Probable start-up date
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)			
					Day	Evening	Day	Evening	Gas/water/Coal limitation 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	Under maint.	14/3/2020	
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.	22/3/2020	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	160	200	200	200					
	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	360	287	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 GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage		
6	Haripur GTTP	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	340	320	360	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	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	364	338	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	100	100	100	100					
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	120	150	150					
15	Meghnaghat 100 MW(IEU)	HFO (QRPP)	12x8.9	100	100	0	0	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	80	77	100	100					
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55					
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	60	100	100					
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	102	102	102	102					
20	Narshingdi 22 MW PP (Doreen)	Gas (SIIPP, REB)	8x2.90	22	22	19	22	22	22					
21	Summit Power.(Madhabdi-Ashulia)	Gas (SIIPP, REB)	6x3.67+7x3.73	80	80	45	33	58	58					
22	Maona 33 MW PP(Summit)	Gas (SIIPP, REB)	4x3.73	33	33	33	33	33	33					
23	Rupganj 33 MW PP(Summit)	Gas (SIIPP, REB)	4x3.73	33	33	33	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	52	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	47	50	50					
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	53	53	54	54					
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	170	300	200	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	45	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	Aurahati 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	35	35	35	35					
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	72	72	72	72					
Dhaka Zone Total					6047	5811	2581	2888	3556	4156	876	560		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	66	64	70	70	166		Low Water Level		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	110	110	110	110	70		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	4.9	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	18.8	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	12	50	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	100	120	145	145					
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	219	203	225	225					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.075+3x8.04	300	300	123	214	230	300					
47	Julda 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
48	Julda 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	0	100	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 (SIIPP, PDB)	8x2.90	22	22	22	22	22	22					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	16	20	30					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	102	98	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					
Chattogram Zone Total					2226	2166	779.7	1048	1511	1646	236	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	100	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	310	310	360	360					
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	340	315	360	360					
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	20	20					
61	Ashuganj 150MW PP (APSCCL)	Gas (IPP)	20*9.73+1*16	195	195	16	16	16	16					
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43					
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	10	150	100	150					
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	8	0	50					
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	95	82	90	94					
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200					
67	Feni 22MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	18	21	22	22					
68	Feni 11 MW PP (Doreen)	Gas (SIIPP, REB)	4x2.90	11	11	11	11	11	11					
69	Jangalia 33MW PP (Summit)	Gas (SIIPP, 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 (SIIPP, REB)	3x3.67+2x6.97	25	25	15	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	59	113	113					
**	Impoport (Tripura)	India		160	160	106	130	90	130					
Cumilla Zone Total					3040	2980	1353	1535	1651	2359	269	0		
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	155	158	160	160	44		Gas Shortage		
76	Tangail 22 MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	22	20	22	22					
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	95	95	95					
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	102	115	115					
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x8.780	200	200	173	154	100	200					
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	1.6	0					
Mymensingh Zone Total					645	637	360.2	529	493.6	592	44	0		

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.03.20 (Yesterday)		13.03.20 (Today)		12.03.20 (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)		
81	Fenchugonj CCPP Phase-1	Gas	(PDB)	2x32+1x33	97	70	89	86	86	86				
82	Fenchugonj CCPP Phase-2	Gas	(PDB)	2x35+1x35	104	90	0	20	30	30				
83	Fenchugonj 51 MW PP (Barakatuli)	Gas	(RPP)	19x2.90	51	51	46	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas	(RPP)	12x3.3+5x2.0	44	44	45	51	44	44				
85	Kushiera 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	11	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas	(PDB)	2x35	70	66	57	62	66	66				
88	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	158	149	150	150	181		Gas Shortage	
89	Shahjibazar 86MW PP (Shahjibaza	Gas	(RPP)	32x2.90	86	86	78	81	80	81				
90	Sylhet 150 MW CCPP	Gas	(PDB)	1x142	142	142	0	0	0	0		142	Under maint.	14/3/2020
91	Sylhet 20 MW GTTP	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	(CIPP, REB)	3x9.34	25	25	16	24	24	24				
95	Bibiana-II 341 MW CCPP (Summit)	Gas	(IPP)	1x222+1x119	341	341	320	305	341	341				
96	Bibiyana-III 400 MW CCPP	Gas	(PDB)	1x285+1x115	400	400	234	235	235	235				
Sylhet Zone Total					1944	1899	1213	1236	1311	1312	181	142		
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	390	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	66	115	115	115				
103	Noapara 100 MW PP (Bangla Trac)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	50	0	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	0	40	40	40				
105	Rupsha 105 MW PP (Orion rupsha)	HFO	(IPP)	6x18.445	105	105	0	53	50	105				
106	Madhumati 100 MW PP	HFO	(NWPGL)	6x18.415	105	105	0	0	50	105				
**	Bheramara (HVDC)	India		1000	1000	652	933	658	953					
Khulna Zone Total					2328	2314	1108	1521	1353	2198	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	110	70	110				
109	Bhola 33 MW PP (Venture)	Gas	(RPP)	1x34.50	33	33	14	23	20	23				
110	Bhola 225 MW CCPP	Gas	(PDB)	2x63+1x68	194	194	80	154	150	154				
111	Bhola 95 MW PP (Aggreko)	Gas	(QRPP)	1.1x96	95	95	93	98	89	95				
Payra 1320 MW							0	0	0	0				
Barisal Zone Total					472	462	187	385	329	412	0	0		
112	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	
113	Baghabari 50 MW Peaking PP	HFO	(PDB)	6x8.9	52	52	0	35	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	Ammura 50 MW PP(Sinha)	HFO	(QRPP)	7x7.79	50	50	50	50	50	50				
117	Chapainawabganj 100 MW Peaking	HFO	(PDB)	12x8.924	104	104	0	102	80	100				
118	Katakali 50 MW Peaking PP	HFO	(PDB)	6x8.7	50	50	0	0	40	40				
119	Katakali 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	36				
121	Sirajgonj 225MW CCPP Unit-1	Gas	(NWPGL)	1x150+1x75	210	210	190	214	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	0	0	0	0	220		Gas Shortage	
124	Sirajgonj 400 MW CCPP Unit-4	Gas	(IPP)	1x282+1x132	414	414	419	426	410	410				
125	Bogra 22 MW PP (GBB)	Gas	(RPP)	6x4.0	22	22	17	18	18	18				
126	Bogra 20 MW PP (Energyprima)	Gas	(RPP)	5x3.3+5x2.0	20	10	12	12	11	11				
127	Ullapara 11 MW PP (Summit)	Gas	(SIIP, REB)	4x2.90	11	11	8	0	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	35	0	113				
Rajshahi Zone Total					2193	2183	805	1001	1235	1499	611	0		
131	a) Barapukuria TPP Unit-1	Coal	(PDB)	1 x 125	125	85	91	90	90	90				
	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	280	280	280	280				
133	Rangpur 20 MW GTTP	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	110	113	113				
135	Saidpur 20 MW GTTP	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	6.4	0	8	0				
Rangpur Zone Total					685	605	412	480	491	517	0	85		
Sub-total: Plants in operation					19580	19057	8799.3	10623	11931	14691	2217	967		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss							8306	9871	11261	13867				
(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	8799.3	10623	11931	14691	2217	967		
(C) Actual data of 12.03.20 (Yesterday) Thursday :														
01.	Max. Demand (Generation end)	:	10623.00	MW, at =	19:30 hrs P	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	9871.00	MW, at =	19:30 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	10623.00	MW, at =	19:30 hrs	Dhaka	3615	3615	0	Mymensingh	827	827	0	
04.	Minimum Generation (Generation end)	:	6769.00	MW, at =	5:00 hrs	Chattogram	1145	1145	0	Sylhet	357	357	0	
05.	Day-peak Generation (Generation end)	:	8799.30	MW, at =	12:00 hrs	Khulna	1256	1256	0	Barishal	263	263	0	
06.	Evening-peak Generation (Generation end)	:	10623.00	MW, at =	19:30 hrs P	Rajshahi	1256	1256	0	Rangpur	263	263	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs P	Cumilla	889	889	0					
08.	Actual Minimum Generation up to 8:00 hrs.	:	7270.00	MW, at =	5:00 hrs am									
09.	Generation shortfall at evening peak due to :	:												
	a) Gas limitation	:	2051	MW										
	d) Coal supply Limitation	:	0	MW										
	b) Low water level in Kaptai lake	:	166	MW										
	c) Plants under shut down/ maintenance	:	967	MW										
10.	Total Energy (Generation + India Import)	:	204.23	MKWh										
	By Gas = 143.884			MKWh	By Oil =	32.842		MKWh						
	By Coal = 8.913			MKWh	By Hydro =	1.498		MKWh						
	By Solar= 0.223			MKWh										
11.	Total Gas Supplied	:	1129.60	MMCFD										
(D) Forecast of 13.03.20 (Today) Friday :														
01.	Maximum Demand	:	9200	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	14691	MW	(Generation end)	05.	Total Generation	:	176.87	MKWh				
03.	Maximum Shortage	:	-5491	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.8° C					
* Captive Power ** Imported Power														
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00														
(Faouzi Islam Shaker) Deputy Secretary, Generation														