



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month March, 2020					Day : Monday				Date : 16.03.20							
Probable Maximum Demand : 11000 MW					Probable Maximum Generation : 14583 MW											
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 87.10 ft		Today = 86.90 ft		Rule Curve = 90.60 ft.							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.03.20 (Yesterday)		16.03.20 (Today)		15.03.20 (Yesterday)		16.03.20 (Today)		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	0	35	35	35			50	Unit-1 Under maint.	19/3/2020		
	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	150	170	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	340	340	365	365							
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	13	13	13	13	95			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	349	358	360	360							
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	400	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	370	338	0	0							
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	90	90	210			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	90	100	100	100							
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	100	150	150							
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	75	100	100	100							
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	55	81	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	50	100	100							
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	80	102	102	102							
20	Narshingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	22	22	22							
21	Summit Power, (Madhabadi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	55	56	58	58							
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	30	33	33							
23	Rugganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	16	16	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 (PBDB-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	34	300	200	300							
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	37	149	149	149							
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300							
32	Bramhangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100							
33	Aunahat 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	2446	3074	3282	3882	863	525					
37	Karnaphuli Hydro PP Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	66	65	70	70	165			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	5.1	0	5	0							
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25							
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19	0	20	0							
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	12	50	50	50							
43	Sikalbaha 105 MW PP (Baraka Siki)	HFO (IPP)	6x18.415	105	105	0	17	105	105							
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	145	139	145	145							
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	218	204	225	225							
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	198	196	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	10	10	100	100							
49	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	34	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	19	22	22	22							
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	21	10	20							
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	92	100	100							
53	Sikalbaha 54 MW Power Plant(Jodioc 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)				90	101	0	0							
Chattogram Zone Total				2226	2166	884.1	1059	1501	1636	245	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	120	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	164	225	225							
58	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	330	260	360	360							
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	340	265	360	360							
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	10	10	20	20							
61	Ashuganj 195MW 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	0	100	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	81	91	91							
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	18	21	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	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 (SIIP, REB)	3x3.67+2x6.97	25	25	15	19	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 Import (Tripura)	HFO (IPP)	12*9.78+2*3.1	113	113	0	105	113	113							
**		India		160	160	108	150	97	122							
Cumilla Zone Total				3040	2980	1379	1424	1659	2348	269	0					
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	180	164	200	200							
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	20	22	22							
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	16	58	95	95							
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	65	115	115							
79	Mymsensingh 200 MW PP (Limited)	HFO (IPP)	21x9.780	200	200	163	163	120	200							
80	Sarishabani 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.6	0	1.6	0							
Mymsensingh Zone Total				645	637	379.6	470	553.6	632	0	0					

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.03.20 (Yesterday)		16.03.20 (Today)		15.03.20 (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	38	60	86	86				
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43				
83	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	45	50	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	51	51	44	44				
85	Kushlari 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163				
86	Hobiganj 11MW PP Coldence-E	Gas (SIPP, REB)	4x2.90	11	11	11	0	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	57	62	66	66				
88	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	152	147	150	150	183	Gas Shortage		
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	79	79	80	81				
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	234	234	150	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	9	10	10	10				
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	22	24	24				
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	305	341	341				
96	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0				
Sylhet Zone Total				1944	1899	1204	1212	1239	1240	183	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	365	325	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 CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
102	Khulna 115 PP MW (KPCCL-2)	HFO (QRPP)	7x17	115	115	32	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	40	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	15	50	105				
**	Bheramara (HVDC)	India		1000	1000	627	921	636	931				
Khulna Zone Total				2328	2314	1024	1416	1331	2176	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	85	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	13	24	20	23				
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	185	186	185	185				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	27	95	89	95				
Payra 1320 MW						0	0	0	0				
Barishal Zone Total				472	462	225	390	364	443	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	50	50	50	50				
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	102	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	36				
121	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	210	210				
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	10	195	210	210	25	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	427	410	410	410				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	15	18	18	18				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	12	11	11				
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	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	0	0	113				
Rajshahi Zone Total				2193	2183	629	904	1445	1709	416	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	89	89	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	216	210	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	36	113	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	7.4	0	8	0				
Rangpur Zone Total				685	605	348	412	491	517	0	85		
Sub-total: Plants in operation				19580	19057	8519.1	10361	11866	14583	1976	790		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
						8146	9907	11346	13944				
(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	8519.1	10361	11866	14583	1976	790		
(C) Actual data of 15.03.20 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	10361.00	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)	:	9907.00	MW,	at =	19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Load Shed
03.	Highest Generation (Generation end)	:	10361.00	MW,	at =	19:30 hrs		MW	MW	MW		Supply	MW
04.	Minimum Generation (Generation end)	:	7017.00	MW,	at =	5:00 hrs	Dhaka	3602	3602	0	Mymensingh	785	785
05.	Day-peak Generation (Generation end)	:	8519.10	MW,	at =	12:00 hrs	Chattogram	1183	1183	0	Sylhet	379	379
06.	Evening-peak Generation (Generation end)	:	10361.00	MW,	at =	19:30 hrs	Khulna	1200	1200	0	Barishal	235	235
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Rajshahi	950	950	0	Rangpur	604	604
08.	Actual Minimum Generation up to 8:00 hrs.	:	7225.00	MW,	at =	5:00 hrs am	Cumilla	969	969	0		604	0
09.	Generation shortfall at evening peak due to :	:									Total	9907	9907
	a) Gas limitation	:	1811	MW			13.	Fuel cost :	(a) Gas = 135094260 Taka	(c) Coal = 37154311 Taka			Taka
	d) Coal supply Limitation	:	0	MW				(b) Oil = 267042788 Taka	Total = 172248571 Taka				Taka
	j) Low water level in Kaptai lake	:	165	MW									
	c) Plants under shut down/ maintenance	:	790	MW			14.	Maximum Temperature in Dhaka was :	32.3° C				
10.	Total Energy (Generation + India Import)	:	203.31	MKWh			15.	Export through East-West interconnections :					
	By Gas = 143.354	MKWH		By Oil = 33.642	MKWH			At evening peak-hour	:	-125	MW,	at	19:30 hrs PM
	By Coal = 7.904	MKWH		By Hydro = 1.517	MKWH			Maximum	:	-366	MW,	at	6:00 hrs
	By Solar= 0.217	MKWH						Energy	:	2.0945	MKWh		
11.	Total Gas Supplied	:	1158.88	MMCFD									
(D) Forecast of 16.03.20 (Today) Monday :													
01.	Maximum Demand	:	11000	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	14583	MW	(Generation end)		05.	Total Generation	:	215.85	MKWh		
03.	Maximum Shortage	:	-3583	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	33.3° C			

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation