



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month March, 2020			Day : Thursday				Date : 12.03.20										
Probable Maximum Demand :			10300 MW				Probable Maximum Generation :				14606 MW						
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 88.09 ft				Today = 87.73 ft				Rule Curve = 91.24 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.03.20 (Yesterday)		12.03.20 (Today)		Probable Peak Generation (MW)		11.03.20 (Yesterday)		12.03.20 (Today)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)		Actual Peak Generation (MW)		Probable Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks	Probable start-up date	
					Day	Evening	Day	Evening	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	0	0	0						85	Under maint.	14/3/2020
	b) Ghorasal Repowered CCP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0						170	Under maint.	22/3/2020
	c) Ghorasal Repowered CCP Unit-4	Gas (PDB)	1 x 210	210	180	200	200	180	180								
	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 CCP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	341	320	365	365								
3	Ghorasal 108 MW 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 360 MW CCP(HPL)	Gas (IPP)	1x235+1x125	360	360	352	360	360	360								
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	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 CCP	Gas (EGCB)	1x273+1x139	412	412	371	338	412	412								
11	Siddhirgonj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0						210	Gas Shortage	
12	Siddhirgonj 335 MW CCP	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	30	100	100	100								
14	Meghnaghat CCP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	130	150	150								
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	7	100	100	100								
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	30	97	100	100								
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	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	7	93	100	102								
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22								
21	Summit Power, (Madhaba-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	56	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	17	33	33	33								
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	16	52	52								
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	100	100								
26	Kodda 150 MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149								
27	Katpott 52 MW PP (Sirha)	HFO (IPP)	7x7.90	51	51	0	6	50	50								
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	35	53	54	54								
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	150	200								
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	15	149	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 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+9x1.959	100	100	0	0	0	100								
34	Nabanganj 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	17	35	55	55								
36	Bosila 108 MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	50	72	70	70								
	Dhaka Zone Total			6047	5811	2195	2862	3552	4154	876	560						
37	Karnaphuli Hydro PP Unit-1, 2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	67	65	70	70						165	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	5.1	0	5	0								
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25								
41	Teknaf 20 MW PP (Sollartech)	Solar (IPP)	1x20	20	20	15.1	0	20	0								
42	Patenga 50 MW 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	130	114	145	145								
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	217	203	225	225								
46	Anwara 300 MW PP (Uniled)	HFO (IPP)	17x17.076+3x8.04	300	300	65	178	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-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	21	19	20	22								
*	Malancha, Ctg EPZ (Uniled)	Gas	5x8.73+3x9.34			2	23	10	15								
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	60	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	632.2	922	1499	1631	235	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	110	110	100	100								
	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	10	20	46	46								
57	Ashuganj 225 MW CCP	Gas (APSCL)	1x142+1'75	221	221	205	184	225	225								
58	Ashuganj 450 MW CCP(South)	Gas (APSCL)	1x360	360	360	335	265	360	360								
59	Ashuganj 450 MW CCP(North)	Gas (APSCL)	1x361	360	360	340	310	360	360								
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	10	10	20	20								
61	Ashuganj 195 MW PP (APSCL)	Gas (IPP)	20'9.73+11'16	195	195	8	8	8	8								
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43								
63	Ashuganj 150 MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	70	100	150								
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50								
65	Chandpur 150 MW CCP	Gas (PDB)	1X106+1x57	163	163	95	86	90	94								
66	Chandpur 200 MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200								
67	Feni 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22								
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11								
69	Jangalia 33 MW 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								

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.03.20 (Yesterday)		12.03.20 (Today)		11.03.20 (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	87	88	87	87					
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	90	0	0	0					
83	Fenchugonj 51 MW PP (Barakattul)	Gas (RPP)	19x2.90	51	51	48	53	51	51					
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	41	48	44	44					
85	Kushihara 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	163	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	58	62	66	66					
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	154	147	147	150	183		Gas Shortage		
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	75	78	80	81					
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	0	0	0	0	142		Under maint. 14/3/2020		
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	10	10	10	10					
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24					
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	325	295	341	341					
96	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	233	235	235	235					
Sylhet Zone Total					1944	1899	1239	1200	1279	1283	183	142		
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	370	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 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	32	115	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	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 (NWP/GCL)	6x18.415	105	105	0	50	50	105					
**	Bheramara (HVDC)	India		1000	1000	650	940	658	953					
Khulna Zone Total					2328	2314	1052	1475	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	48	70	110					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	13	22	18	21					
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	130	126	130	130					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	51	95	89	95					
Barisal Zone Total					472	462	194	291	307	386	0	0		
112	a) Baghabani 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage		
	b) Baghabani 100 MW GTPP	Gas (PDB)	1 x 100	100	100	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	50	50	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	51	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 (NWP/GCL)	1x150+1x75	210	210	214	214	210	210					
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	220			Gas Shortage		
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	220			Gas Shortage		
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	414	390	410	410					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	17	18	18	18					
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	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	80	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	795	852	1235	1499	611	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	92	91	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	260	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	70	114	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	7.1	0	8	0					
Rangpur Zone Total					685	605	429	485	491	517	0	85		
Sub-total: Plants in operation					19580	19057	8257.6	9954	11853	14606	2217	967		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					7860	9220	11822	13903						
(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	8257.6	9954	11853	14606	2217	967		
(C) Actual data of 11.03.20 (Yesterday) Wednesday :														
01.	Max. Demand (Generation end)	:	9954.00	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)	:	9220.00	MW,	at =	19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9954.00	MW,	at =	19:30 hrs								
04.	Minimum Generation (Generation end)	:	6407.00	MW,	at =	5:00 hrs	Dhaka	3477	3477	0	Mymensingh	782	782	0
05.	Day-peak Generation (Generation end)	:	8257.60	MW,	at =	12:00 hrs	Chattogram	980	980	0	Sylhet	334	334	0
06.	Evening-peak Generation (Generation end)	:	9954.00	MW,	at =	19:30 hrs	Khulna	1134	1134	0	Barishal	270	270	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Rajshahi	1134	1134	0	Rangpur	270	270	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	6769.00	MW,	at =	5:00 hrs am	Cumilla	839	839	0				
09.	Generation shortfall at evening peak due to :	:									Total	9220	9220	0
	a) Gas limitation	:	2052	MW			13.	Fuel cost :	(a) Gas = 130489105 Taka	(c) Coal = 41033503 Taka				
	d) Coal supply Limitation	:	0	MW				(b) Oil = 172190281 Taka	Total = 171522608 Taka					
	b) Low water level in Kaptai lake	:	165	MW										
	c) Plants under shut down/ maintenance	:	967	MW										
10.	Total Energy (Generation + India Import)	:	192.75	MKWh			14.	Maximum Temperature in Dhaka was :	32.0° C					
	By Gas = 143.360 MKWh				By Oil = 22.235 MKWh		15.	Export through East-West interconnections :						
	By Coal = 8.824 MKWh				By Hydro = 1.487 MKWh			At evening peak-hour	: -170 MW, at 19:30 hrs PM					
	By Solar= 0.216 MKWh							Maximum	: -320 MW, at 1:00 hrs					
11.	Total Gas Supplied	:	1136.35	MMCFD				Energy	: 1.623 MKWh					
(D) Forecast of 12.03.20 (Today) Thursday :														
01.	Maximum Demand	:	10300	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	14606	MW	(Generation end)	05.	Total Generation	:	199.45	MW				
03.	Maximum Shortage	:	-4306	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.4° C					

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation