



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month November, 2020			Day : Thursday				Date : 12.11.20				
Probable Maximum Demand : 10300 MW			Probable Maximum Generation : 14582 MW				Rule Curve = 107.90 ft.				
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 103.94 ft Today = 103.73 ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.11.20 (Yesterday)		12.11.20 (Today)		11.11.20 (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)	
(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.
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Under maint.
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	100	120	120	120	60	Gas Shortage
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	115	115	115	115	75	Gas Shortage
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254-1x 126	365	365	200	200	200	200		
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	12	12	35	35	96	Gas Shortage
4	Ghorasal 78.5 MW PP(MAX)	Gas (ORPP)	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)	1 x 32	32	20	0	0	0	0	20	Gas Shortage
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	285	278	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	310	300	450	450		
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0		
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	95	93	100	100	115	Under Overhauling
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	412	Dust in gas
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (ORPP)	12x8.9	100	100	55	100	100	100	335	Under maint.
14	Meghnaghat CCPP(Summit)	Gas (IPP)	2x110+1x110	305	305	150	150	150	150		
15	Meghnaghat 100 MW(EL)	HFO (ORPP)	12x8.9	100	100	8	100	100	100	155	GT-1 Under maint.
16	Madanganj 102 PP(Summit)	HFO (ORPP)	6x17	102	100	30	96	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	30	55	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (ORPP)	8x13.45	100	100	0	0	50	100		
19	Gagnagar 102 MW PP (Digital Powe	HFO (IPP)	12x8.924	102	102	94	94	100	100		
20	Narsinghdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	19	19	19		
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIIP, REB)	6x3.67+6x7.73	80	80	45	56	58	58		
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	28	33	33		
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	25	25	33	33		
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	29	51	52	52		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	85	80	100	100		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	16	150	150	150		
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	8	0	0		
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	45	190	300	300		
30	Kodda 148 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	75	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x11.4	300	300	0	0	100	300		
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100		
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	60	100		
34	Nabaganj 55 MW PP (Southern po	HFO (IPP)	3x19.3	55	55	0	35	55	55		
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	55	55		
36	Bosila 108MW PP(ELC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0		
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	17	90	90	90		
	Manikganj 162MW PP	HFO (IPP)				24	0	0	0		
Dhaka Zone Total				6119	5895	1876	2629	3393	3733	551	1272
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	157	161	163	163	69	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	115	115	120	120	65	Gas Shortage
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.
40	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5	0	5	0		
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25		
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	11	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	45	45	50	50		
44	Sikalbaha 105 MW PP (Baraka Sika	HFO (IPP)	6x18.415	105	105	0	0	100	100		
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150	Gas Shortage
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	208	204	215	225		
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	150	140	300	300		
48	Juldah 100 MW Unit-1 (Acom)	HFO (ORPP)	8x13.45	100	100	0	0	100	100		
49	Juldah 100 MW Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	77	100	100	100		
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	53	102	102		
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		
52	Barabkunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	20	20	20	20		
	* Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			5	21	10	20		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	27	100	100		
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	37	54	54	54		
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110		
56	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100		
Chattogram Zone Total				2326	2266	930	1040	1694	1689	284	180
57	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	80	80	80	100	55	Gas Shortage
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	0	0	0	0	129	Gas Shortage
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	0	100	100	134	Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	10	10	30	30		
59	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	190	181	225	225		
60	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	0	0	0	0	360	Under maint.
61	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	320	310	360	360		
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	30	30	50	Gas shortage
63	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	26	68	68	169	Gas shortage
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51		
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	10	105	150	150		
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50		
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	70	50	75	75		
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	165	180		
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	19	19	22	22		
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11		
71	Jargalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33		
72	Jargalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	29	52	52		
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	15	21	20	21		
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x1.515+15x1.05	200	200	0	0	0	200		
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114		
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	52	113	113	113		
**	Impoort (Tiripura)	India		160	160	96	130	156	172		
Cumilla Zone Total				3040	2980	970	1174	1855	2157	537	360
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	98	89	105	120	113	Gas Shortage
78	Tangal 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	20	22	22		
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	25	33	25	25		
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	45	115	115	115		
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	80	200	200		
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0		
	Mymensingh PV 50 MW Solar PP	Solar (IPP)				53	0	50	0		
Mymensingh Zone Total				645	637	243	337	518.6	482	113	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	11.11.20 (Yesterday)		12.11.20 (Today)		11.11.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening				
83	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	42	44	44	44			
84	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0			
85	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	47	50	51	51			90
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	50	44	44			
87	Kushiera 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	106	107	110	110			
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11			
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	67	66	66			
90	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	159	158	160	160	172		Gas Shortage
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	81	84	86	86			
92	Sylhet 225 MW CCGP	Gas (PDB)	1x142+1x89	231	231	218	217	220	220			
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	18	18	18			
94	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10			
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	25	25			
97	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	270	341	341			
98	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	417	390	400	400			
	Bibiyana South 400 MW	Gas (PDB)				40	60	0	0			
	Sylhet Zone Total			2033	1988	1582	1560	1586	1586	172		90
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16			
100	Bheramara 410 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	370	350	410	410			
101	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	30			
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60			
103	Khulna 225 MW CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220			
104	Khulna 115 PP MW (KPCCL-2)	HFO (QRPP)	7x17	115	115	0	99	115	115			
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100			
106	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40			
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	53	90	105	105			
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100			
**	Bheramara (HVDC)	India		1000	1000	726	833	763	907			
	Khulna Zone Total			2288	2284	1149	1372	1533	2103	0		0
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	110	110			
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	12	21	22	22			
111	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0			194
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	54	83	95	95			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	450	660	600	660			
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				37	35	35	35			
	Barishal Zone Total			1054	1054	553	799	862	922	0		194
114	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
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50			
116	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200			
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40			
118	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0			
119	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	100	100			
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50			
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0			
122	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	33			
123	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage
124	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	136	149	220	220			
125	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	186	185	220	220			
126	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	425	343	413	413			
127	Bogra 22 MW PP (GGB)	Gas (RPP)	6x4.0	22	22	21	21	22	22			
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10			
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11			
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	109	113	113			
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	113	113			
	Rajshahi Zone Total			2193	2183	786	828	1524	1647	381		0
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	149	150	150			
135	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	108	113	113			
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
138	Majpara, Tatulia 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	6	0	8	0			
	Rangpur Zone Total			685	605	156	257	271	263	170		0
	Sub-total: Plants in operation			20383	19892	8245.0	9996	13237	14582	2208		2096
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss												
7686 9318 12339 13593												
(B) Contract expired power plants												
Sub-Total: Plants under long term maintenance												
0 0 0 0 0 0 0 0												
Gross Total 20383 19892 8245 9996 13237 14582 2208 2096												
(C) Actual data of 11.11.20 (Yesterday) Wednesday :												
01.	Max. Demand (Generation end)	: 9996.00 MW, at = 19:00 hrs		12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end):								
02.	Max. Demand (Sub-station end)	: 9318.00 MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	: 9996.00 MW, at = 19:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	: 6624.00 MW, at = 6:00 hrs		Dhaka	3530	3530	0	Mymensingh	699	699	0	
05.	Day-peak Generation (Generation end)	: 8245.00 MW, at = 12:00 hrs		Chattogram	1054	1054	0	Sylhet	374	374	0	
06.	Evening-peak Generation (Generation end)	: 9996.00 MW, at = 19:00 hrs		Khulna	1104	1104	0	Barishal	235	235	0	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs		Rajshahi	899	899	0	Rangpur	551	551	0	
08.	Actual Minimum Generation up to 8:00 hrs.	: 6630.00 MW, at = 7:00 hrs and		Cumilla	872	872	0					
09.	Generation shortfall at evening peak due to :											
	a) Gas limitation	: 1969 MW		13. Fuel cost :				(a) Gas = 142165190 Taka	(c) Coal = 71140645 Taka			
	d) Coal supply Limitation	: 170 MW		(b) Oil = 232209074 Taka				Total = 445514909 Taka				
	b) Low water level in Kapitai lake	: 69 MW		14. Maximum Temperature in Dhaka was :				34.0° C				
	c) Plants under shut down/ maintenance	: 2096 MW		15. Export through East-West interconnections :								
10.	Total Energy (Generation + India Import)	: 194.11 MKWh		At evening peak-hour				: 230 MW, at 19:00 hrs				
	By Gas = 123.336 MKWh	By Hydro = 32.282 MKWh		Maximum				: 212 MW, at 8:00 hrs				
	By Coal = 15.344 MKWh	By Solar = 3.801 MKWh		Energy				: 0 MKWh				
	By Solar = 0.567 MKWh			11. Total Gas Supplied				: 1035.59 MMCFD				
(D) Forecast of 12.11.20 (Today) Thursday :												
01.	Maximum Demand	: 10300 MW (Generation end)		04. Maximum Load-shed				: 0 MW At evening peak (Sub-station end)				
02.	Maximum Generation	: 14582 MW (Generation end)		05. Total Generation				: 200.01 MKWh				
03.	Maximum Shortage	: -4282 MW (Generation end)		06. Probable Max. Temperature in Dhaka :				: 32.1° C				

* Captive Power ** Imported Power

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

(Faouel Islam Shaker)
Deputy Secretary, Generation