

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month December, 2020				Day : Monday				Date : 07.12.20				
Probable Maximum Demand : 9000 MW				Probable Maximum Generation : 13791 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 99.70 ft	Today = 99.58 ft.			Rule Curve = 105.46 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.12.20 (Yesterday)		07.12.20 (Today)		06.12.20 (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	0	0	0	0	85	Under maint.	
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	94	94	115	115	76	Gas Shortage	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	STG Commissioning	
	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	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	71	72	72	72			
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 GTTP	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	300	327	325	345			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	351	350	412	412			
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage	
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0		Under maint.	
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	70	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	135	0	0	155	305	Gas Shortage	
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	50	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	15	29	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	30	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	95	85	100	100			
19	Gagnagar 102 MW PP (Digital Powe	HFO (IPP)	12x8.924	102	102	0	24	100	100			
20	Narsinghdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	19			
21	Summit Power (Madhabadi-Ashulia)	Gas (SIPP, REB)	6x3.67+8x7.3	80	80	47	58	58	58			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	33	25	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	105	105			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	32	150	150			
27	Katpodi 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50			
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	105	145	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	65	115	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300			
32	Bramhangaoan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurabhat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	60	100			
34	Nababganj 55 MW PP (Southern po	HFO (IPP)	3x19.3	55	55	0	55	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	90	90	90	90			
38	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	0	162	162			
Dhaka Zone Total				6281	6057	2366	2644	3803	4268	869	715	
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	87	86	86	86	144	Low Water Level	
40	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Gas Shortage	
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.	
41	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	4	0	5	0	0			
42	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
43	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18	0	20	0			
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	50	50			
45	Sikalbaha 105 MW PP (Baraka Siku	HFO (IPP)	6x18.415	105	105	0	0	100	100			
46	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150	Gas Shortage	
47	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	204	203	215	225			
48	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	161	143	300	300			
49	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
50	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
51	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	102	102			
52	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
53	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	19	20	20			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	13	10	15			
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x10.0	108	108	0	0	100	100			
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54			
56	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110			
57	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	50	60	100	100			
	Anlime Energy Ltd.	HFO (IPP)				0	0	0	0			
Chattogram Zone Total				2326	2266	730	779	1497	1487	474	180	
58	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	80	80	80	49	Gas Shortage	
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	135	135	135	135			
59	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	23	26	30	30			
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	184	174	225	225			
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0	360	Under maint.	
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0	360	Under maint.	
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	56	55	55	55	0	Gas shortage	
64	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	26	26	26	26	169	Gas shortage	
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	51	51			
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	100	120	150	150			
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
68	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	50	50			
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	68	80	200	200			
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	21	22	22			
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11			
72	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
73	Jangalia 52 MW PP (Lakdhanavi)	HFO (IPP)	6x8.92	52	52	0	44	52	52			
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	21	20	21			
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.02	200	200	0	0	0	200			
76	Feni 114 MW Power Plant(Lakdhanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114			
77	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	19	113	113			
**	Import (Tirupura)	India		160	160	88	106	139	148			
Cumilla Zone Total				3040	2980	907	999	1506	1766	353	720	
78	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	107	110	140	120	92	Gas Shortage	
79	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	0	20	20			
80	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	17	17	17	17			
81	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	65	115	115	115			
82	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	40	200	200			
83	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	1.6	0			
84	Sutakhalhi 50 MW Solar PP	Solar (IPP)	1x50	50	50	32	0	50	0			
Mymensingh Zone Total				695	687	241	282	543.6	472	92	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.12.20 (Yesterday)		07.12.20 (Today)		06.12.20 (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)		
85	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60				
86	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30				
87	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
88	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44				
89	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	163	163	163				
90	Hobiganj 11MW PP Confidence-E	Gas (SIIPP, REB)	4x2.90	11	11	5	11	11	11				
91	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	35	36	36	36				
92	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	152	152	158	158				
93	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	79	74	86	86				
94	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	150	150	150				
95	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	20	20				
96	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	0	0	0				
98	Shahjahanulla 25 MW PP	Gas (GIPP, REB)	3x9.34	25	25	16	16	19	19				
99	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	300	315	341				
100	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	399	400	400	400				
	Bibiyan South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total				2033	1988	1001	1513	1543	1569	0	0		
101	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
102	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under maint.	
103	Fardipur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	25	25				
104	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	65	65				
105	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220				
106	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	66	115	115				
107	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100				
108	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40				
109	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	90	90	90	90				
110	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	449	664	550	694				
Khulna Zone Total				2288	2284	539	820	985	1465	0	410		
111	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	110	110				
112	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	18	27	27	27				
113	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0		194	Under maint.	
114	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	52	88	95	95				
115	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	440	660	600	660				
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				33	37	35	35				
	United Payra Power Ltd.	HFO (IPP)				0	0	0	0				
Barishal Zone Total				1054	1054	543	828	867	927	0	194		
116	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	
117	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
118	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
119	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40				
120	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
121	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	44	44	100	100				
122	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50				
123	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0				
124	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	33				
125	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
126	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	161	152	220	220				
127	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	169	185	225	225				
128	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	351	408	400	400				
129	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
130	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0				
131	Ullapara 11 MW PP (Summit)	Gas (SIIPP, REB)	4x2.90	11	11	8	11	11	11				
132	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
133	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	113	35	113	113				
134	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	50	112	113	113				
Rajshahi Zone Total				2193	2183	918	969	1506	1629	381	0		
135	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	83	92	95	95				
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
136	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	0	0	0	0		274	Under maint.	
137	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
138	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	70	113	113				
139	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
140	Majpara, Tatula 8 MW Solar PP (Sympha P)	Solar (IPP)	1 x 8	8	8	3	0	8	0				
Rangpur Zone Total				685	605	86	162	216	208	85	274		
Sub-total: Plants in operation				20595	20104	7331.0	8996	12467	13791	2254	2493		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20595	20104	7331	8996	12467	13791	2254	2493		

(C) Actual data of 06.12.20 (Yesterday)		Sunday :		12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
01.	Max. Demand (Generation end)	:	8996.00 MW, at = 19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
02.	Max. Demand (Sub-station end)	:	8394.00 MW, at = 19:00 hrs								
03.	Highest Generation (Generation end)	:	8996.00 MW, at = 19:00 hrs	Dhaka	3087	3087	0	Mymensingh	667	667	0
04.	Minimum Generation (Generation end)	:	5622.00 MW, at = 5:00 hrs	Chattogram	957	957	0	Sylhet	313	313	0
05.	Day-peak Generation (Generation end)	:	7331.00 MW, at = 12:00 hrs	Khulna	1026	1026	0	Barishal	232	232	0
06.	Evening-peak Generation (Generation end)	:	8996.00 MW, at = 19:00 hrs	Rajshahi	829	829	0	Rangpur	573	573	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:00 hrs	Cumilla	710	710	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5593.00 MW, at = 7:00 hrs and								
09.	Generation shortfall at evening peak due to :	:						Total	8394	8394	0
	a) Gas limitation	:	2025 MW	13.	Fuel cost :	(a) Gas = 132833472 Taka	(c) Coal = 63353470 Taka				
	d) Coal supply Limitation	:	85 MW			(b) Oil = 208842878 Taka	Total = 405029820 Taka				
	b) Low water level in Kaptai lake	:	144 MW								
	c) Plants under shut down/ maintenance	:	2493 MW	14.	Maximum Temperature in Dhaka was :	27.8° C					
10.	Total Energy (Generation + India Import)	:	171.86 MKWh	15.	Export through East-West interconnections :						
	By Gas = 114.742 MKWh		28.237 MKWh		At evening peak-hour :	-122 MW, at 19:00 hrs					
	By Coal = 13.621 MKWh		1.897 MKWh		Maximum :	-190 MW, at 8:00 hrs					
	By Solar= 0.289 MKWh				Energy :	1.015 MKWh					
11.	Total Gas Supplied	:	934.71 MMCFD								

(D) Forecast of 07.12.20 (Today)		Monday :		04. Maximum Load-shed :		05. Total Generation :		06. Probable Max. Temperature in Dhaka :	
01.	Maximum Demand	:	9000 MW (Generation end)		0 MW		171.93 MKWh		27.2° C
02.	Maximum Generation	:	13791 MW (Generation end)						
03.	Maximum Shortage	:	-4791 MW (Generation end)						

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation