

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month December, 2020		Day : Tuesday		Date : 08.12.20							
Probable Maximum Demand :		9000 MW		Probable Maximum Generation : 13500 MW							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 99.58 ft		Today = 99.55 ft.							
				Rule Curve = 105.37 ft.							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.12.20 (Yesterday)		08.12.20 (Today)		07.12.20 (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	92	93	115	115	77	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	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	71	71	72	72		
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)	1 x 32	32	20	0	0	0	0	20	Gas Shortage
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	328	328	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	345	341	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	335	Under maint.
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	100	100	100		
14	Meghnaghat CCPP(Summit)	Gas (IPP)	2x110+1x110	305	305	0	0	0	0	305	Gas Shortage
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	100	78	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	58	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	35	45	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	84	100	100	100		
19	Gagnagar 102 MW PP (Digital Powe)	HFO (IPP)	12x8.924	102	102	0	7	100	100		
20	Narsinghdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	19	19		
21	Summit Power (Madhatidi-Ashulia)	Gas (SIPP, REB)	8x3.67+1x7.3	80	80	49	57	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	16	16	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	64	150	150		
27	Katpodi 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	10	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	45	200	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	48	100	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300		
32	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100		
33	Aurabahi 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	17	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	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	17	162	162		
Dhaka Zone Total				6281	6057	2213	2685	3838	4128	870	715
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	46	46	86	86	184	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	3	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	17	0	20	0		
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	46	46	50	50		
45	Sikalbaha 105 MW PP (Baraka Siki)	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	231	176	215	225		
48	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	160	198	300	300		
49	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	10	100	100		
50	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100		
51	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	85	85		
52	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		
53	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	20	20		
*	Malancha, Ctg EPZ (Unite)	Gas	5x8.73+3x9.34			2	15	10	15		
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	50	102	102		
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	35	54	54	54		
56	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110		
57	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	40	100	100	100		
	Antima Energy Ltd.	HFO (IPP)				0	0	0	0		
Chattogram Zone Total				2326	2266	697	866	1482	1472	514	180
58	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	80	140	129	129		
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	80	100	134	134		
59	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	23	26	30	30		
60	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	184	182	225	225		
61	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	0	0	0	110	360	Under maint.
62	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	0	0	0	0	360	Under maint.
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	10	10	5	5	45	Gas shortage
64	Ashuganj 195MW PP (APSCCL-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	150	30	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	0	0	163	Under maint.
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	34	120	200	200		
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22		
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11		
72	Jangala 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33		
73	Jangala 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	34	52	52		
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	10	21	20	21		
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x1.515+15x1.02	200	200	0	0	0	200		
76	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114		
77	Chowmuhani 113 MW Impoort (Tripura)	India	12*9.78+2*3.1	113	113	26	28	113	113		
**				160	160	96	106	139	148		
Cumilla Zone Total				3040	2980	819	936	1454	1824	349	883
78	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	106	99	140	120	103	Gas Shortage
79	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20		
80	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	95	95	95		
81	Jamalpur 115 MW PP (Unite)	HFO (IPP)	12x9.87	115	115	45	95	115	115		
82	Mymensingh 200 MW PP (Unite)	HFO (IPP)	21x9.780	200	200	0	24	200	200		
83	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	1.6	0		
84	Sutiakhali 50 MW Solar PP	Solar (IPP)	1x50	50	50	23	0	50	0		
Mymensingh Zone Total				695	687	194	333	621.6	550	103	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	07.12.20 (Yesterday)		08.12.20 (Today)		07.12.20 (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	22	31	30	30				
87	Fenchugonj 51 MW PP (Barakatluli)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
88	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3-5x2.0	44	44	46	50	44	44				
89	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
90	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11				
91	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	35	35	36	36				
92	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	153	263	152	152				
93	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	76	75	86	86				
94	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	150	150	150	150				
95	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	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	14	16	19	19				
99	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	290	315	341				
100	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	399	398	400	400				
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0				
	Sylhet Zone Total			2033	1988	1463	1613	1537	1563	0	0		
101	Bheramara GTPP Unit-3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
102	Bheramara 410 MW CCPP	Gas (NWPGCL)	1 x 278-1 x 132	410	410	0	0	0	0		410	Under maint.	8/12/2020
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 (NWPGCL)	1 x 150+1x75	230	230	0	0	0	220				
106	Khulna 115 PP MW (KPC-2)	HFO (QRPP)	7x17	115	115	0	32	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	105	105				
110	Madhumati 100 MW PP	HFO (NWPGCL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	509	672	538	683				
	Khulna Zone Total			2288	2284	599	794	988	1469	0	410		
111	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	110	110				
112	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	19	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	24	93	95	95				
115	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	370	660	600	660				
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				8	7	35	35				
	United Payra Power Ltd.	HFO (IPP)				0	0	0	0				
	Barishal Zone Total			1054	1054	421	787	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	Ammura 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	70	70	100	100				
122	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50				
123	Katakali 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 (NWPGCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
126	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGCL)	1x150 + 1x75	220	220	113	0	0	0	220		Under maint.	
127	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGCL)	1x141+1x79	220	220	170	172	225	225				
128	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	425	390	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	Lillapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
132	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	8	52	52				
133	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	35	113	113				
134	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	113	113	113	113				
	Rajshahi Zone Total			2193	2183	924	821	1286	1409	601	0		
135	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	43	43	45	45				
	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	113	113	113				
139	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
140	Majpara Tatalia 8 MW Solar PP (Sympe P)	Solar (IPP)	1 x 8	8	8	4	0	8	0				
	Rangpur Zone Total			685	605	47	156	166	159	85	274		
	Sub-total: Plants in operation			20595	20104	7377.0	8991	12240	13500	2522	2656		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss												
						6904	8415	11455	12635				
	(B) Contract expired power plants												
	Sub-Total: Plants under long term maintenance												
				0	0	0	0	0	0				
	Gross Total			20595	20104	7377	8991	12240	13500	2522	2656		
	(C) Actual data of 07.12.20 (Yesterday) Monday :												
01.	Max. Demand (Generation end)			8991.00	MW, at = 19:00 hrs								
02.	Max. Demand (Sub-station end)			8415.00	MW, at = 19:00 hrs								
03.	Highest Generation (Generation end)			8991.00	MW, at = 19:00 hrs								
04.	Minimum Generation (Generation end)			5593.00	MW, at = 4:00 hrs								
05.	Day-peak Generation (Generation end)			7377.00	MW, at = 12:00 hrs	Dhaka	3085	3085	0	Mymensingh	655	655	0
06.	Evening-peak Generation (Generation end)			8991.00	MW, at = 19:00 hrs	Chattogram	924	924	0	Sylhet	310	310	0
07.	Evening Peak Load-shed (Sub-station end)			0.00	MW, at = 19:00 hrs	Khulna	1043	1043	0	Barishal	233	233	0
08.	Actual Minimum Generation up to 8:00 hrs.			5684.00	MW, at = 7:00 hrs	Rajshahi	863	863	0	Rangpur	591	591	0
09.	Generation shortfall at evening peak due to :					Cumilla	711	711	0				
	a) Gas limitation			2253	MW					Total	8415	8415	0
	d) Coal supply Limitation			85	MW					(a) Gas = 135726427 Taka	(c) Coal = 54442020		Taka
	b) Low water level in Kaptai lake			184	MW					(b) Oil = 227194402 Taka	Total = 417362850		Taka
	c) Plants under shut down/ maintenance			2656	MW								
10.	Total Energy (Generation + India Import)			172.58	MKWh					14.	Maximum Temperature in Dhaka was : 28.2° C		
	By Gas = 117.457				MKWh					15.	Export through East-West interconnections :		
	By Coal = 12.053				MKWh					At evening peak-hour		-372	MW, at 19:00 hrs
	By Solar= 0.280				MKWh					Maximum		-430	MW, at 8:00 hrs
11.	Total Gas Supplied			937.82	MIMCFD					Energy		3.3925	MKWh
	(D) Forecast of 08.12.20 (Today) Tuesday :												
01.	Maximum Demand			9000	MW (Generation end)					04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)		
02.	Maximum Generation			13500	MW (Generation end)					05.	Total Generation : 172.75 MKWh		
03.	Maximum Shortage			-4500	MW (Generation end)					06.	Probable Max. Temperature in Dhaka : 27.0° C		

* Captive Power ** Imported Power
 #Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Fazool Islam Shaker)
 Deputy Secretary, Generation