

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month December, 2020					Day : Wednesday				Date : 09.12.20				
Probable Maximum Demand : 9000 MW					Probable Maximum Generation : 13683 MW								
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 99.55 ft			Today = 99.52 ft.		Rule Curve = 105.28 ft.			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.12.20 (Yesterday)		09.12.20 (Today)		08.12.20 (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)	Description/ Remarks	Probable start-up date	
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	0	0	0	0	85	Under maint.	
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	93	93	115	115	77	115	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	115	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	72	71	72	72		37	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)	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	360	380	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	348	339	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 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	65	99	100	100				
14	Meghnaghat CCPP(Summit)	Gas (IPP)	2x110+1x110	305	305	0	0	0	0		305	Gas Shortage	
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	100	100	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	15	30	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	60	100	100	100				
19	Gagnagar 102 MW PP (Digital Powe	HFO (IPP)	12x8.924	102	102	7	40	100	100				
20	Narsinghdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	19				
21	Summit Power (Madhatidi-Ashulia)	Gas (SIPP, REB)	8x3.67+1x7.73	80	80	57	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	33	33	25	25				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	8	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	84	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	100	300	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	50	130	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300				
32	Bramhangan 100 MW PP (Agregko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100				
33	Aurabati 100MW PP (Agregko)	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	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	0	162	162				
Dhaka Zone Total					6281	6057	2269	2798	4128	907	715		
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	45	47	86	86		183	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	7	3	0	5	0				
42	Raazan 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	203	202	215	225				
48	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	179	158	300	300				
49	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
50	Juldah 100 MW 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	85	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	18	18	20	20				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	12	10	15				
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x10.0	108	108	0	67	102	102				
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 (Acom)	HFO (IPP)	8x13.6	100	100	90	100	100	100				
	Antima Energy Ltd.	HFO (IPP)				20	0	0	0				
Chattogram Zone Total					2326	2266	777	889	1482	1472	513	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	100	100	129	129				
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	80	100	134	134				
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	215	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	5	5	15	15		50	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	150	143	150	150				
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	0		50		
68	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	0	48	50	50			Was under maint.	
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	85	68	200	200				
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	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	8	24	52	52				
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	15	20	21				
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x14+6x1.515+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 Impport (Tripura)	India	12*9.78+2*3.1	113	113	36	38	113	113				
**	Cumilla Zone Total			3040	2980	899	1023	1514	1774	354	720		
78	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	89	91	110	110		111	Gas Shortage	
79	Tangali 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	25	95	95	95				
81	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	60	95	115	115				
82	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	8	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	33	0	50	0				
Mymensingh Zone Total					695	687	235	345	591.6	540	111	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.12.20 (Yesterday)		09.12.20 (Today)		08.12.20 (Yesterday) Gen. shortfall for :		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				
85	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32-1x33	97	70	60	30	30	30				
86	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35-1x35	104	90	30	0	0	0				
87	Fenchugonj 51 MW PP (Barakatluli)	Gas (RPP)	19x2.90	51	51	47	53	51	51				
88	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3-5x2.0	44	44	47	50	44	44				
89	Kushiera 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	140	163	163	163				
90	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	2	11	11	11				
91	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	35	36	36	36				
92	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	152	152	152	152	178		Gas Shortage	
93	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	76	76	86	86				
94	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	20	136	0	0				
95	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	0	0	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	Shahjahanula 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	13	16	19	19				
99	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	270	315	341				
100	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	351	351	400	400				
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0				
	Sylhet Zone Total			2033	1988	1291	1344	1307	1353	178	0		
101	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
102	Bheramara 410 MW CAPP	Gas (NWP/CGCL)	1 x 278-1 x 132	410	410	0	25	410	410		385	Was under maint.	
103	Faridpur 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 CAPP	HSD (NWP/CGCL)	1 x 150+1x75	230	230	0	0	0	220				
106	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	26	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	101	105	105				
110	Madhumati 100 MW PP	HFO (NWP/CGCL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	532	674	551	696				
	Khulna Zone Total			2288	2284	622	826	1411	1892	0	385		
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	20	28	27	27				
113	Bhola 225 MW CAPP	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	33	92	95	95				
115	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	400	520	600	660				
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				18	8	35	35				
	United Payra Power Ltd.	HFO (IPP)				15	0	0	0				
	Barishal Zone Total			1054	1054	486	664	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 GTTP	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	0	70	100	100				
122	Katahal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50				
123	Katahal 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 CAPP Unit-1	Gas (NWP/CGCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
126	Sirajgonj 225MW CAPP Unit-2	Gas (NWP/CGCL)	1x150 + 1x75	220	220	0	0	0	0	220		Under maint.	
127	Sirajgonj 225MW CAPP Unit-3	Gas (NWP/CGCL)	1x141+1x79	220	220	163	170	225	225				
128	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	372	409	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	0	52	52				
133	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	70	113	113				
134	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	111	111	113	113				
	Rajshahi Zone Total			2193	2183	679	863	1286	1409	601	0		
135 a)	Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	69	75	75	75				
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 GTTP	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 Takula 8 MW Solar PP (Sympha P)	Solar (IPP)	1 x 8	8	8	4	0	8	0				
	Rangpur Zone Total			885	805	73	188	196	188	85	274		
	Sub-total: Plants in operation			20595	20104	7331.0	8940	12493	13683	2749	2468		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					6926	8446	11802	12927				
	(B) Contract expired power plants												
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0				
	Gross Total			20595	20104	7331	8940	12493	13683	2749	2468		
(C) Actual data of 08.12.20 (Yesterday) Tuesday :													
01. Max. Demand (Generation end) : 8940.00 MW, at = 19:00 hrs				12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :				Demand		Supply		Load Shed	
02. Max. Demand (Sub-station end) : 8446.00 MW, at = 19:00 hrs				MW		MW		MW		MW		MW	
03. Highest Generation (Generation end) : 8940.00 MW, at = 19:00 hrs				MW		MW		MW		MW		MW	
04. Minimum Generation (Generation end) : 5684.00 MW, at = 5:00 hrs				MW		MW		MW		MW		MW	
05. Day-peak Generation (Generation end) : 7331.00 MW, at = 12:00 hrs				MW		MW		MW		MW		MW	
06. Evening-peak Generation (Generation end) : 8940.00 MW, at = 19:00 hrs				MW		MW		MW		MW		MW	
07. Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 19:00 hrs				MW		MW		MW		MW		MW	
08. Actual Minimum Generation up to 8:00 hrs. : 5661.00 MW, at = 7:00 hrs an				MW		MW		MW		MW		MW	
09. Generation shortfall at evening peak due to :				MW		MW		MW		MW		MW	
a) Gas limitation : 2481 MW				MW		MW		MW		MW		MW	
d) Coal supply Limitation : 85 MW				MW		MW		MW		MW		MW	
b) Low water level in Kaptai lake : 183 MW				MW		MW		MW		MW		MW	
c) Plants under shut down/ maintenance : 2468 MW				MW		MW		MW		MW		MW	
10. Total Energy (Generation + India Import) : 194.53 MKWh				MKWh		MKWh		MKWh		MKWh		MKWh	
By Gas = 134.960 MKWh				MKWh		MKWh		MKWh		MKWh		MKWh	
By Coal = 12.211 MKWh				MKWh		MKWh		MKWh		MKWh		MKWh	
By Solar= 0.295 MKWh				MKWh		MKWh		MKWh		MKWh		MKWh	
11. Total Gas Supplied : 865.93 MIMCFD				MIMCFD		MIMCFD		MIMCFD		MIMCFD		MIMCFD	
(D) Forecast of 09.12.20 (Today) Wednesday :													
01. Maximum Demand : 9000 MW (Generation end)				04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)									
02. Maximum Generation : 13663 MW (Generation end)				05. Total Generation : 195.84 MKWh									
03. Maximum Shortage : -4683 MW (Generation end)				06. Probable Max. Temperature in Dhaka : 26.8° C									

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation