

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month December, 2020				Day : Saturday				Date : 05.12.20				
Probable Maximum Demand : 8800 MW				Probable Maximum Generation : 13509 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 99.98 ft	Today = 99.86 ft.			Rule Curve = 105.64 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.12.20 (Yesterday)		05.12.20 (Today)		04.12.20 (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
(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	51	71	100	100			
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 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	305	314	325	325			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	400	400	400			
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	404	347	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	0	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	146	155	155			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	50	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	100	100	100			
19	Gagnagar 102 MW PP (Digital Powe	HFO (IPP)	12x8.924	102	102	0	0	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+1x8.73	80	80	39	57	58	58			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	8	25	25	25			
23	Rugganj 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	0	0	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	16	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	17	35	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	45	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	45	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x1.4	300	300	0	0	100	300			
32	Bramhangan 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	0	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	35	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	53	0	90	90			
	Manikgonj 162MW PP	HFO (IPP)				0	0	0	0			
Dhaka Zone Total				6119	5895	1860	2139	3774	4064	564	715	
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	90	85	90	90	145	Low Water Level	
39	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.	
40	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	4	0	5	0	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	18	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	50	50			
44	Sikalbaha 105 MW PP (Baraka Siki)	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Shikalbaha 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	218	207	215	225			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	107	160	300	300			
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
49	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	20	100	100	100			
50	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	102	102			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
52	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	20	20	20			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			19	19	10	20			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	100	100			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	35	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	0	10	100	100			
	Anlime Energy Ltd.	HFO (IPP)				0	0	0	0			
Chattogram Zone Total				2326	2266	511	756	1501	1496	475	180	
57	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	80	80	80	80	49	Gas Shortage	
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	80	80	80	80	54	Gas Shortage	
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	26	26	30	30			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	203	190	225	225			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0	360	Under maint.	
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0	360	Under maint.	
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	20	8	8	35	Gas shortage	
63	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	26	26	26	169	Gas shortage	
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	100	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	0	0	50	50			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	50	101	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	22	22			
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	8	11	11			
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
72	Jangalia 52 MW PP (Lakdhanavi)	HFO (IPP)	6x8.92	52	52	0	8	52	52			
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	20	20	21			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.02	200	200	0	0	0	200			
75	Feni 114 MW Power Plant(Lakdhanavi)	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	0	0	113	113			
**	Import (Tripura)	India		160	160	80	100	141	150			
Cumilla Zone Total				3040	2980	638	861	1406	1666	442	720	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	121	162	164	150	40	Gas Shortage	
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	20	20			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	17	95	95			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	55	115	115	115			
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	8	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)				37	0	50	0			
Mymensingh Zone Total				645	637	232	322	645.6	580	40	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.12.20 (Yesterday)		05.12.20 (Today)		04.12.20 (Yesterday)		05.12.20 (Today)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)		Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW					
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60						
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	22	30	30	30						
85	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	50	50	51	51						
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44						
87	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	163	163						
88	Hobiganj 11MW PP Confidence-E	Gas (SIIPP, REB)	4x2.90	11	11	5	11	11	11						
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	20	20	36	36						
90	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	159	158	158	158						
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	79	79	86	86						
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0						
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	20	20						
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	0	0	0	0						
96	Shahjahanulla 25 MW PP	Gas (GIPP, REB)	3x9.34	25	25	8	16	16	16						
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	310	325	325						
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	295	340	400	400						
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0						
Sylhet Zone Total				2033	1988	1173	1252	1400	1400	0	0				
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16						
100	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0			410		Under maint.	
101	Fardipur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	25	25						
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	65	65						
103	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	100	220						
104	Khulna 115 PP MW (KPCL-2)	HFO (QRP)	7x17	115	115	0	49	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 (QRP)	5x8.5	40	40	0	0	40	40						
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	90	90	90						
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100						
**	Bheramara (HVDC)	India		1000	1000	315	644	580	768						
Khulna Zone Total				2288	2284	332	783	1115	1539	0	410				
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	110	110						
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	12	20	27	27						
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0			194		Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRP)	1.1x96	95	95	42	90	95	95						
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	430	430	600	660						
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				8	36	35	35						
	United Payra Power Ltd.	HFO (IPP)				0	0	0	0						
Barishal Zone Total				1054	1054	492	592	867	927	0	194				
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	70	70	0	0	1				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 (QRP)	7x7.79	50	50	0	0	0	0						
119	Chapinawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	93	100	100						
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50						
121	Katakali 50 MW PP (Northern)	HFO (QRP)	6x8.9	50	50	0	0	0	0						
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	33						
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210				Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	159	169	220	220						
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	197	194	225	225						
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	406	416	400	400						
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22						
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0						
129	Ullapara 11 MW PP (Summit)	Gas (SIIPP, 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	0	113	113						
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	35	113	113						
Rajshahi Zone Total				2193	2183	862	1010	1506	1629	311	0				
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	97	94	95	95	-9				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	0	0	0	0						
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	113	113	113						
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0						
138	Majpara Tatalia 8 MW Solar PP (Symple P)	Solar (IPP)	1 x 8	8	8	5	0	8	0						
Rangpur Zone Total				685	605	102	207	216	208	76	0				
Sub-total: Plants in operation				20383	19892	6202.0	7922	12431	13509	1908	2219				
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				20383	19892	6202	7922	12431	13509	1908	2219				

(C) Actual data of 04.12.20 (Yesterday) Friday :				12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
Sl. No.	Particulars	Value	Unit	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
01.	Max. Demand (Generation end)	7922.00	MW, at = 19:30 hrs								
02.	Max. Demand (Sub-station end)	7551.00	MW, at = 19:30 hrs								
03.	Highest Generation (Generation end)	7922.00	MW, at = 19:30 hrs								
04.	Minimum Generation (Generation end)	5707.00	MW, at = 4:00 hrs	Dhaka	2601	2601	0	Mymensingh	626	626	0
05.	Day-peak Generation (Generation end)	6202.00	MW, at = 12:00 hrs	Chattogram	833	833	0	Sylhet	296	296	0
06.	Evening-peak Generation (Generation end)	7922.00	MW, at = 19:30 hrs	Khulna	950	950	0	Barishal	225	225	0
07.	Evening Peak Load-shed (Sub-station end)	0.00	MW, at = 19:30 hrs	Rajshahi	786	786	0	Rangpur	533	533	0
08.	Actual Minimum Generation up to 8:00 hrs.	5281.00	MW, at = 7:00 hrs and	Cumilla	701	701	0				
09.	Generation shortfall at evening peak due to :							Total	7551	7551	0
	a) Gas limitation	1687	MW	13.	Fuel cost :	(a) Gas = 128101732 Taka	(c) Coal = 59016836 Taka				
	d) Coal supply Limitation	76	MW		(b) Oil = 113174303 Taka	Total = 300292870 Taka					
	b) Low water level in Kaptai lake	145	MW								
	c) Plants under shut down/ maintenance	2219	MW	14.	Maximum Temperature in Dhaka was :	29.1° C					
10.	Total Energy (Generation + India Import)	155.12	MKWh	15.	Export through East-West interconnections :						
	By Gas = 111.603 MKWh		16.654 MKWh		At evening peak-hour	-86 MW, at 19:30 hrs					
	By Coal = 12.596 MKWh		2.068 MKWh		Maximum	-232 MW, at 8:00 hrs					
	By Solar= 0.395 MKWh				Energy	1.2125 MKWh					
11.	Total Gas Supplied	902.26	MMCFD								

(D) Forecast of 05.12.20 (Today) Saturday :							
01.	Maximum Demand	8800	MW (Generation end)	04.	Maximum Load-shed	0	MW At evening peak (Sub-station end)
02.	Maximum Generation	13509	MW (Generation end)	05.	Total Generation	172.32	MKWh
03.	Maximum Shortage	-4709	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	27.4° C	

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation