

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month December, 2020		Day : Thursday		Date : 03.12.20							
Probable Maximum Demand :		9200 MW		Probable Maximum Generation : 13524 MW							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 100.14 ft		Today = 100.08 ft							
				Rule Curve = 105.91 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.12.20 (Yesterday)		03.12.20 (Today)		02.12.20 (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	113	113	115	115	57	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	52	54	100	100		
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	221	263	300	300		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	300	260	300	300		
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	364	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	100	100	100		
14	Meghnaghat CCPP(Summit)	Gas (IPP)	2x110+1x110	305	305	140	150	155	155		
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	85	96	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	15	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	84	76	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 (Madhatidi-Ashulia)	Gas (SIPP, REB)	8x3.67+1x7.3	80	80	56	56	58	58		
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	20	25	25	25		
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	8	25	25	25		
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	43	25	52	52		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	53	105	105		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	82	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	0	150	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	75	0	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300		
32	Bramhanganj 100 MW PP (Agregko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100		
33	Aurabahi 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	35	55	55		
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	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		
	Manikgonj 162MW PP	HFO (IPP)				0	40	162	162		
Dhaka Zone Total				6119	5895	2074	2498	3811	4101	545	715
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	87	90	92	92	140	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	19	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	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	212	205	215	225		
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	121	158	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	60	100	100	100		
50	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	17	0	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 (SIPP, PDB)	8x2.90	22	22	20	20	20	20		
	* Malancha, Ctg EPZ (Unite)	Gas	5x8.73+3x9.34			2	20	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	100	100	100		
	Antima Energy Ltd.	HFO (IPP)				0	0	0	0		
Chattogram Zone Total				2326	2266	627	797	1503	1498	470	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	129	129	49	Gas Shortage
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	50	100	134	Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	5	29	30	30		
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	191	192	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	285	270	0	0		
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	8	8	50	Gas shortage
63	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	8	112	112	187	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	5	150	150	150		
66	Titaa 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	0	50	
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	37	35	50	50		
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	140	170	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	8	8	11	11		
71	Jangala 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33		
72	Jangala 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	52	52	52		
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	21	20	21		
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x14+4x15.15+15x1.02	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 Impoort (Tripura)	India	12*9.78+2*3.1	113	113	0	17	113	113		
	**			160	160	90	102	144	154		
Cumilla Zone Total				3040	2980	976	1241	1514	1825	555	360
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	105	108	120	120	94	Gas Shortage
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20		
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	57	83	95		
80	Jamalpur 115 MW PP (Unite)	HFO (IPP)	12x9.87	115	115	115	95	115	115		
81	Mymensingh 200 MW PP (Unite)	HFO (IPP)	21x9.780	200	200	0	110	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)				46	0	50	0		
Mymensingh Zone Total				645	637	288	390	589.6	550	94	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.12.20 (Yesterday)		03.12.20 (Today)		02.12.20 (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)		
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	22	60	60				
85	Fenchugonj 51 MW PP (Barakattuli)	Gas (RPP)	19x2.90	51	51	11	53	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3-5x2.0	44	44	46	47	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 (SIIP, REB)	4x2.90	11	11	8	8	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	32	35	36	36				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	235	240	155	155				
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	76	78	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	40	40	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	14	16	16	16				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	270	325	325				
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	230	80	230	230				
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0				
	Sylhet Zone Total			2033	1988	1212	1077	1257	1257	0	0		
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CCPP	Gas (NWPGCL)	1 x 278-1 x 132	410	410	220	195	0	0				
101	Faridpur 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 (NWPGCL)	1 x 150+1x75	230	230	0	0	100	220				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	66	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	40	40	40				
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	70	90	90	90				
108	Madhumati 100 MW PP	HFO (NWPGCL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	589	778	580	768				
	Khulna Zone Total			2288	2284	879	1169	1115	1539	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	20	25	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 (QRPP)	1.1x96	95	95	0	54	95	95				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	280	590	600	660				
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				66	81	35	35				
	United Payra Power Ltd.	HFO (IPP)				0	0	0	0				
	Barisal Zone Total			1054	1054	366	750	867	927	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	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
119	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	78	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	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	33				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGCL)	1x150+1x75	210	210	0	0	0	0	210			Gas Shortage
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGCL)	1x150 + 1x75	220	220	150	167	220	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGCL)	1x141+1x79	220	220	150	175	225	225				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	411	285	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 (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	20	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	70	113	113				
	Rajshahi Zone Total			2193	2183	741	828	1506	1629	381	0		
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	88	89	85	85	-4			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	140	140	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	12	113	113				
137	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
138	Majpara Tatalia 8 MW Solar PP (Sympe Pt)	Solar (IPP)	1 x 8	8	8	5	0	8	0				
	Rangpur Zone Total			685	605	233	241	206	196	81	0		
	Sub-total: Plants in operation			20383	19892	7396.0	8991	12369	13524	2126	1449		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					6934	8429	11595	12679				
	(B) Contract expired power plants												
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0				
	Gross Total			20383	19892	7396	8991	12369	13524	2126	1449		
	(C) Actual data of 02.12.20 (Yesterday) Wednesday :												
01.	Max. Demand (Generation end)			8991.00 MW	at = 19:00 hrs								
02.	Max. Demand (Sub-station end)			8429.00 MW	at = 19:00 hrs								
03.	Highest Generation (Generation end)			8991.00 MW	at = 19:00 hrs								
04.	Minimum Generation (Generation end)			5635.00 MW	at = 5:00 hrs								
05.	Day-peak Generation (Generation end)			7396.00 MW	at = 12:00 hrs	Dhaka	3142	3142	0	Mymensingh	661	661	0
06.	Evening-peak Generation (Generation end)			8991.00 MW	at = 19:00 hrs	Chattogram	879	879	0	Sylhet	319	319	0
07.	Evening Peak Load-shed (Sub-station end)			0.00 MW	at = 19:00 hrs	Khulna	1041	1041	0	Barishal	235	235	0
08.	Actual Minimum Generation up to 8:00 hrs.			5721.00 MW	at = 7:00 hrs	Rajshahi	851	851	0	Rangpur	562	562	0
09.	Generation shortfall at evening peak due to :					Cumilla	739	739	0				
	a) Gas limitation			1905 MW						Total	8429	8429	0
	d) Coal supply Limitation			81 MW						(a) Gas = 125972739 Taka	(c) Coal = 69117609 Taka		
	b) Low water level in Kaptai lake			140 MW						(b) Oil = 186678043 Taka	Total = 381768390 Taka		
	c) Plants under shut down/ maintenance			1449 MW									
10.	Total Energy (Generation + India Import)			171.50 MKWh									
	By Gas = 114.371 MKWh				26.452 MKWh								
	By Coal = 14.173 MKWh				2.102 MKWh								
	By Solar = 0.463 MKWh												
11.	Total Gas Supplied			906.64	MMCFD								
	(D) Forecast of 03.12.20 (Today) Thursday :												
01.	Maximum Demand			9200 MW	(Generation end)								
02.	Maximum Generation			13524 MW	(Generation end)								
03.	Maximum Shortage			-4324 MW	(Generation end)								
04.	Maximum Load-shed			0 MW	At evening peak (Sub-station end)								
05.	Total Generation			175.49 MKWh									
06.	Probable Max. Temperature in Dhaka :			28.0° C									

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