

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2022						Day : Friday				Date : 01.04.22						
Probable Maximum Demand : 12900 MW						Probable Maximum Generation : 14912 MW				Rule Curve = 88.17 ft.						
Water Level of Kaptai Lake at 06:00 AM						Today = 84.84 ft.				01.04.22 (Today)						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	Today = 84.84 ft.		01.04.22 (Today)		31.03.22 (Yesterday)		01.04.22 (Today)		31.03.22 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW		Machines shut down (MW)		Description/ Remarks		Probable start-up date	
					Day	Evening	Day	Evening								
(A) Plants in operation:																
1	Ghorasal Repowered CCPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0			260			Under project work	
2	a) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	232	200	200	200							
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190					Gas Shortage	
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	60	270	270	300							
4	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	99	104	105	105							
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0			105			Under maint.	
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	0	0	0	0			360			Under maint.	
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	280	260	270	270	190					Dirt in gas	
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	0	0	0	0			412			Under maint.	
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	62	0	0	50	110		110				
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	210	211	200	225			118			STG Under maint.	
13	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	335	335	135	110	150	150	55		110			Gas Shortage	
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	40	40	55	55							
15	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	0	0							
16	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	84	93	85	93							
17	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22							
18	Sumit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x3.73	80	80	50	47	55	55							
19	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.75	33	33	33	25	33	33							
20	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.75	33	33	33	33	33	33							
21	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	42	49	51	51							
22	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	90	90	90	105							
23	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	133	150	150	150							
24	Kamalghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	35	54	54							
25	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	268	285	300	300							
26	Kodda 140 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	146	149	149	149							
27	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	305	200	300							
28	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	100	100	100							
29	Aurabati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	100	100	100							
30	Nababganj 55 MW PP (Southern powe	HFO (IPP)	3x19.3	55	55	55	55	55	55							
31	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55							
32	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	104	104	90	90							
33	Manikganj 162MW PP(MRGL)	HFO (IPP)	9x18	162	162	126	54	144	144							
34	Manikganj 35MW Solar PP (Inspectra	Solar (IPP)	1x35	35	35	30	0	30	0							
35	Kanchan Purbachal Power Generation	HFO (IPP)	3x19.404	55	55	0	0	55	55							
36	Katpotti 52 MW PP (Siraha)	HFO (IPP)	7x7.90	51	51	0	0	0	0							
37	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	0	100	100	100	100							
38	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	0	100	100	100	100							
39	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	77	79	80	80							
Dhaka Zone Total						6155	5696	2701	3225	3381	3579	565	1590			
40	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	69	70	70	161					Low water level	
41	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	150	150	150	150	30					Gas Shortage	
42	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5	0	5	0							
43	Rozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	25	25	25	25							
44	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19	0	20	0							
45	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	18	23	25	25							
46	Sikalbaha 105 MW PP (Baraka Sikalbs	HFO (IPP)	6x18.415	105	105	105	105	105	105							
47	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150					Under maint.	
48	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	208	205	200	200							
49	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.94	300	300	300	300	300	300							
50	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	0	0							
51	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	76	76	90	90							
52	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	51	51							
53	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	32	51	0	50							
54	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	0							
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	8	15	35							
55	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	95	103	100	102							
56	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54							
57	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	110	110	110	110							
58	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100							
59	Chattogram 116 MW PP (Anilma Ener	HFO (IPP)	6x21.06	116	116	94	113	113	113							
Chattogram Zone Total						2442	2382	1463	1543	1533	1580	371	150			
60	a) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	0	0	0	0	129					Gas Shortage	
	b) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0	134					Gas Shortage	
61	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	29	29	29	29							
62	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	214	217	220	220							
63	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	205	315	300	300							
64	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	285	335	300	300							
65	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	40	10	40	15					Gas Shortage	
66	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	19	8	8	176					Gas Shortage	
67	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51							
68	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	70	140	150	150							
69	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	32	42							
70	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	0	0	90	90							
71	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	200	200	200	200							
72	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	21	21	21							
73	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11							
74	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	16	31	31	31							
75	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	34	34	43	43							
76	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	15	22	22							
77	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	99x1.4+6x1.315+1x1.109	200	200	0	200	100	200							
78	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	97	96	98	98							
79	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	100	103	113	113							
80	Bharob 54 MW PP	HFO (IPP)	3x18.2	54	54	35	35	35	35							
81	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	99	101	100	100							
**	Import (Tirupata)	India		160	160	142	168	138	163							
Cumilla Zone Total						3059	3014	1616	2203	2102	2267	454	0			
82	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	86	99	110	110	103					Gas Shortage	
83	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20							
84	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)</														

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.03.22 (Yesterday)		01.04.22 (Today)		31.03.22 (Yesterday) Gen. shortfall for: Gas/water/Coal limitation MW	Status of Machines under shut-down/ Maintenance		
						Actual Peak Generation (MW)		Probable Peak Generation (MW)			Description/ Remarks	Probable start-up date	
						Day	Evening	Day	Evening				
90	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	20	30	30		50	GT1 Under maint.	
91	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	20	20	20	20		70	GT-4 Under maint.	
92	Fenchugonj 51 MW PP (Barakatalah)	Gas (RPP)	19x2.90	51	51	0	25	50	51				
93	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
94	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
95	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	20	30	60	66				
96	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	262	267	270	270				
97	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	86	87	86	86				
98	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	216	217	220	220				
99	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	0	0	0		20	Under HGPI	
100	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
101	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	22	23	24	24				
102	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	300	300	300				
103	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	400	402	400	400				
104	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	0	50	50	50			Was under maint.	
105	Shahjibazar 100 MW GTTP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work	
	Sylhet 50MW PP (EPL)	Gas (RPP)	2x27			0	0	20	20				
	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12*3.3+5*2			0	0	30	30				
Sylhet Zone Total						2422	2377	1527	1625	1744	1751	0	240
106	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
107	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	202	190	250	300	220		Gas shortage	
108	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	35	0	42				
109	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	30				
110	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	207	200	225	225				
111	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	50	100	100				
112	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	94	94	95	95				
113	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	26	0	0				
114	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	75	0	50	0				
115	Khulna 115 MW PP (KPCL-2)	HFO (QRPP)	7x17	115	0	90	112	100	100				
	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5*8.5			40	40	32	40				
**	Bheramara (HVDC)	India		1000	1000	913	912	930	930				
Khulna Zone Total						2348	2229	1621	1659	1782	1862	220	0
116	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	16	32	80				
117	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	12	34	25	35				
118	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	63	65	65	66				
119	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	0	0				
120	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	390	622	660	660		622	Line Overload	
121	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	0	100				
122	Bhola 220MW CCPP (Nutan Bidyut Bt. Gas/HSD)	(IPP)	2x75+1x70	220	220	217	200	220	220				
Barishal Zone Total						2046	2046	698	937	1002	1161	0	622
	a) Baghabari 71 MW GTTP	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	
124	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	43	34	43				
125	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	174	100	200				
126	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	5	44	40	45				
127	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	37	93	90	93				
128	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	16	40	0	40				
129	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	34	40	50				
130	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	37	30	36				
131	Siraggon 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	136	131	140	150			Running on HSD	
132	Siraggon 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	200	210	220	220				
133	Siraggon 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	118	117	170	180	103		Gas Shortage	
134	Siraggon 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	270	270	300	350	144		Gas Shortage	
135	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	21	22	22				
136	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
137	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	52	52	43	52				
138	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	113	113	113	113				
139	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	113	113	113	113				
140	Siraggon 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	5	0	6	0				
Rajshahi Zone Total						2129	2129	1094	1503	1472	1718	418	0
	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	81	79	80	80				
141	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	
142	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	200	200	200	200	74		Coal shortage	
143	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	17	0	17				
144	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	110	110	113	113				
145	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	8	0	10				
146	Majpara, Tatula 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	5	0	8	0				
147	Thakurgaon 115MW PP (Energygas)	HFO (IPP)	6*20	115	115	115	115	115	115				
Rangpur Zone Total						800	720	511	529	516	535	74	85
Sub-total: Plants in operation						22118	21215	11586.0	13662	14042	14912	2205	2687
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss													
(B) Plants under long term maintenance/ contract expired													
148	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0			Forced Outage	
149	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020	
150	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	0	0	0	0	0			Contract Expired on 11/01/2022	
Sub-Total: Plants under long term maintenance/ contract expired						178	0	0	0	0	0		
Gross Total						22296	21215	11586	13662	14042	14912	2205	2687
(C) Actual data of 31.03.22 (Yesterday) Thursday :													
01.	Max. Demand at eve. peak (Generation end)	:	13662.00	MW, at =	19:30 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand at eve. peak (Sub-station end)	:	13239.73	MW, at =	19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	13662.00	MW, at =	19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	10184.00	MW, at =	6:00 hrs	Dhaka	5025	5025	0	Mymensingh	1052	1052	0
05.	Day-peak Generation (Generation end)	:	11586.00	MW, at =	12:00 hrs	Chattogram	1283	1283	0	Sylhet	443	443	0
06.	Evening-peak Generation (Generation end)	:	13662.00	MW, at =	19:30 hrs	Khulna	1580	1580	0	Barishal	372	372	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs	Rajshahi	1521	1521	0	Rangpur	764	764	0
08.	Minimum Generation Forecast up to 8:00 hrs.	:	9738.00	MW, at =	5:00 hrs	Cumilla	1200	1200	0				
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	:	1970	MW		13.	Fuel cost :	(a) Gas =	141547828	Taka	(c) Coal =	94988417	Taka
	b) Coal supply Limitation	:	74	MW				(b) Oil =	860170916	Taka	Total =	1096707161	Taka
	c) Plants under shut down/ maintenance	:	2687	MW		14.	Maximum Temperature in Dhaka was : 34.4° C						
10.	Total Energy (Generation + India Import)	:	283.67	MKWh		15.	Export through East-West interconnections :						
	By Gas =	130.184	MKWh	By Oil =	105.193		At evening peak-hour :						
	By Coal =	19.798	MKWh	By Hydro =	1.650		Maximum :						
	By Solar =	1.197	MKWh				Energy :						
11.	Total Gas Supplied	:	1050.04	MMCFD									
(D) Forecast of 01.04.22 (Today) Friday :													
01.	Maximum Demand	:	12900	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14912	MW	(Generation end)	05.	Total Generation : 267.85 MKWh						
03.	Reserve / Shortage	:	2012	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 34.6° C						

* Captive Power ** Imported Power