

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month December, 2023						Day : Tuesday				Date : 02.01.23			
Probable Maximum Demand : 10400 MW				Probable Maximum Generation : 11299 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 93.36 ft		Today = 93.24 ft		Rule Curve = 102.81 ft					
Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.01.23 (Yesterday)		02.01.23 (Today)		01.01.23 (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/Coal/oil/Water Limitation MW	Machines shut down (MW)		
(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	0	0	0	0	180		Gas Shortage	
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	180	180	180	180				
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		365	Awaiting for HGPI	
4	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	64	65	66	66	43		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				
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	0	0	0	0			Contract Expired	
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	450	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	344	380	400	400				
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335		Gas Shortage	
13	Meghnaghat 335MW CCPP(Summit)	Gas (IPP)	2x110+1x110	335	335	0	0	0	0	335		Gas Shortage	
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	30	15	30				
15	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	16	66	90	90				
16	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	0	0				
17	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	22	40	37	40				
18	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25				
19	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	20	20	30	30				
20	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	17	8	17				
21	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	17	105	17	105				
22	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	16	98	16	98				
23	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	0	0	17				
24	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	3	60	80	130				
25	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	17	17				
26	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	17	0	17				
27	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	35	0	35				
28	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	0	17	0	17				
29	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	0	0	17				
30	Manikgonj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	13	0	35	0				
31	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	0	17	17	17				
32	Siddhirganj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	0	73	90	90				
33	Meghnaghat 100 MW(IEL)	HFO (NENP)	12x8.9	100	100	0	19	90	90				
34	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	102	102	0	64	85	85				
35	Keraniganj 100 MW PP (Powerpac)	HFO (NENP)	8x13.45	100	75	0	37	35	40				
36	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0				
	Meghnaghat Unique Power	Gas				51	81	82	82				
	Meghnaghat 589 MW CCPP(Summit)	Gas				0	0	0	0				
Dhaka Zone Total				5655	5422	1214	1896	1865	2185	1208	740		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	86	86	86	86				
38	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.	
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4	0	5	0				
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	17	8	17				
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	20	6	20				
43	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	17	17	17	17				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		150	Under maint.	
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	178	193	180	190	32		Gas Shortage	
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	85	170	200	300				
47	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	12	12	12	12				
48	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	51	34	51	51				
49	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	40	66	0	72				
50	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	14	14	17	17				
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			0	2	10	20				
51	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	0	0				
52	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	17	17				
53	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	17	17	17				
54	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	12	12	12	12				
55	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	25	12	25				
56	Chattogram 116 MW PP (Anlima Energy Ltd.)	HFO (IPP)	6x21.06	116	116	17	17	17	17				
57	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	17	54	17	54				
58	Chattogram 2*612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	272	270	270	270	954		Coal Shortage	
	Matarbari 2*600 MW (CPGCL)	Coal				619	697	700	750			Test run	
	Cox's Bazar Wind PP	(Wind) (IPP)				0	0	10	10			Test run	
Chattogram Zone Total				3829	3769	1474	1723	1684	1974	1166	330		
59	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	0	15	48	48				
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	141	98	98	98		123	Under Maint.	
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0	360		Gas Shortage	
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	280	0	100	300	360		Gas Shortage	
63	Ashuganj 420 MW CCPP(East)	Gas (APSCL)	1x284+1x116	400	400	220	0	0	0	400		Gas Shortage	
64	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	0	16	16	16				
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	43	43				
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	13	110	6	50				
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	8	31	0	30				
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	17	17	17	17				
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22									

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						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Description/ Remarks	Probable start-up date
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87	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	42	43	42	42		27	GT-1 Under maint.	
88	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0		90	GT-4 Under maint.	
89	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	47	53	50	50				
90	Kushlara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163	0		Gas Shortage	
91	Hobiganj 11MW PP Cofidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	8	11				
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	62	63	63	4		Gas Shortage	
93	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	50	50	50	50				
95	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	208	203	210	210				
96	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0				
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
98	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	23	0	22	24	25		Gas Shortage	
99	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	305	300	325	325				
100	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	423	413	400	400				
101	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	0	0	0	0		383	Under maint.	
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work	
103	Fenchuganj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	25	25	25	25	25		Gas Shortage	
Sylhet Zone Total				2472	2427	1344	1333	1368	1373	54	930		
104	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
105	Bheramara 410 MW CCPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Gas Shortage	
106	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	18	0	40				
107	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	0				
108	Khulna 225 MW CCPP	HSD/ Gas (NWPGCL)	1 x 150+1x75	230	230	0	0	0	0				
109	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	12	28	72	72				
110	Madhumati 100 MW PP	HFO (NWPGCL)	6x18.415	105	105	0	0	0	0				
111	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	34	0	100	0				
112	Khulna 115 MW PP (KPCL-2)	HFO (NENP)	7x17	115	115	0	32	0	16				
113	Noapara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5*8.5	40	40	0	16	0	8				
114	Maitree Super Thermal 1320 MW PP (U-1)	Coal (BIFPCL)	1x617	617	617	822	622	550	612				
115	Khulna 330 MW CCPP (GT)	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
**	Bheramara (HVDC)	India		1000	1000	624	543	793	793				
Khulna Zone Total				3241	3237	1492	1259	1515	1541	410	0		
116	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	32	110	110				
117	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	16	18	20	20				
118	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	55	55	55	55				
119	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	550	622	622	622				
120	Potuakhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	17	35	17	72				
121	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	252	307	250	250				
122	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	220	220	220	220				
Barishal Zone Total				2265	2265	1126	1289	1294	1349	0	0		
123	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	Under maint.	
124	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	33	0	33				
125	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0				
126	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	4	0	20				
127	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	42	91	50	91				
128	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	33	0	40				
129	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	42	34	40				
130	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	38	0	38				
131	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
132	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
133	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGCL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage	
134	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	236	207	200	200	207		Gas Shortage	
135	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
136	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	8	8	8	52				
137	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	0	0	0	0				
138	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	0	0	0	0				
139	Amnura 50 MW PP(Sinha)	HFO (NENP)	7x7.79	50	28	0	0	35	35				
140	Sirajgonj 6.55 MW Solar	Solar (NWPGCL)	1x6	6	6	2	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	765	767	748	748				
Rajshahi Zone Total				3653	3631	1058	1234	1092	1308	928	100		
141	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
	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	170	170	170	170	104		Coal Shortage	
143	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
144	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	6	49	6	49				
145	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
146	Majpara, Tatulia 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	1	0	8	0				
147	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	0	75	70	75				
148	Lalmonirhat 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	10	0	30	0				
149	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	67	0	130	0				
Rangpur Zone Total				1030	950	254	294	414	294	189	85		
Sub-total: Plants in operation				25726	25211	9084.0	9944	10186	11299	5242	2471		
(B) Plants under long term maintenance/ contract expired													
150	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	0	0	0	0	0				
151	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0				
152	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	0	0	0	0	0				
Sub-Total: Plants under long term maintenance/ contract expired				225	0	0	0	0	0	0	0		
Gross Total				25951	25211	9084	9944	10186	11299	5242	2471		
(C)													
Actual data of 01.01.23 (Yesterday) Monday :						Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
01.	Max. Demand at eve. peak (Generation end)		:	9944	MW, at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
02.	Max. Demand at eve. peak (Sub-station end)		:	9415	MW, at = 19:00 hrs		MW	MW	MW				
03.	Highest Generation (Generation end)		:	9944	MW, at = 19:00 hrs	Dhaka	3505	3505	0	Mymensingh	773	773	0
04.	Minimum Generation (Generation end)		:	6598	MW, at = 5:00 hrs	Chattogram	985	985	0	Sylhet	31		

* Captive Power ** Imported Power

#Remarks: Highest Generation 15648 MW on 19-04-2023 at 21:00