

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month January, 2024						Day : Tuesday				Date : 23.01.24								
Probable Maximum Demand : 10600 MW						Probable Maximum Generation : 11008 MW												
Water Level of Kaptai Lake at 06:00 AM						Yesterday = 89.44 ft				Today = 89.32 ft				Rule Curve = 98.80 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.01.24 (Yesterday)		23.01.24 (Today)		22.01.24 (Yesterday)		23.01.24 (Today)		22.01.24 (Yesterday)		23.01.24 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/Coal/oil/Water Limitation MW		Machines shut down (MW)		Description/ Remarks	
					Day	Evening	Day	Evening	Day	Evening	Day	Evening	Day	Evening	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	
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	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	12	12	12	15				96				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	0	0	0	0	0								Contract Expired	
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	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	418	408	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	23	335	335					312			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	15									
15	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	50	91	70	90									
16	Narsingdi 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	33	18	40	40									
18	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	30	33									
19	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33									
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	48	98									
23	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	0	17	0									
24	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	80	130	80	130									
25	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	82	36	50	35									
26	Nabaganj 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	17	0	0	17									
28	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	54	54	35	72									
29	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	35	17	17	17									
30	Manikgonj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	18	0	35	0									
31	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	0	17	0	17									
32	Siddhirgonj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	84	92	92	92									
33	Meghnaghat 100 MW(IECL)	HFO (NENP)	12x8.9	100	100	76	79	100	100									
34	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	102	102	80	82	82	82									
35	Keraniganj 100 MW PP (Powerpac)	HFO (NENP)	8x13.45	100	75	13	25	30	30									
36	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0									
	Meghnaghat Unique Power	Gas				0	0	0	0								Test run	
	Meghnaghat 589 MW CCPP(Summit)	Gas				415	34	0	0								Test run	
Dhaka Zone Total				5655	5062	2219	2081	2188	2432	1238	740							
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	76	76	76	76									
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	20	0	20	0									
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	19	6	19									
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	0	0	0	0					225			Gas Shortage	
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	49	104	50	105									
47	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	25	25	25	25									
48	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	51	51	51	51									
49	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	48	64	60	64									
50	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	15	18	18									
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34	108	108	1	12	5	10									
51	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	13	0	0									
52	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	0	0	0									
53	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	17	17	17									
54	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	25	25	25	25									
55	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	35	25	25	25									
56	Chattogram 116 MW PP (Anilma Energy Ltd.)	HFO (IPP)	6x21.06	116	116	17	17	17	17									
57	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	17	17	17	17									
58	Chattogram 2*612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	290	352	400	480				872				Coal Shortage	
	Matbarbari 2*600 MW (CPGL)	Coal		575	575	419	419	415	420								Test run	
	Cox's Bazar Wind PP	(Wind) (IPP)				4	1	10	10								Test run	
Chattogram Zone Total				4404	4344	1166	1286	1267	1413	1277	330							
59	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	9	45	50	45									
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	157	159	160	160							62	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	360	360	320	330					0			Gas Shortage	
63	Ashuganj 420 MW CCPP(East)	Gas (APSCL)	1x284+1x116	400	400	0	0	0	0					400			Gas Shortage	
64	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*116	195	195	0	8	140	140									
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51									
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	10	13	6	20									
67	Titlas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	18	25	25	25									
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	22	13	16	13	13									
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	10	10									
72	Jangalia 33 MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33								</	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.01.24 (Yesterday)		23.01.24 (Today)		22.01.24 (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)		
87	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	43	43	43		27	GT-1 Under maint.	
88	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.	
89	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	0	0	0	0				
90	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	110	163				
91	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	0	0	0				
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	61	60	60				
93	Shahjibazar 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	79	78	84	84				
95	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0				
96	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	20	20	20				
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	8	16	16	16				
99	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	300	310	310	41		Gas Shortage	
100	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
101	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	390	320	250	400				
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work	
103	Fenchuganj 44MW (Energypima)	Gas (NENP)	12*3.3+5*2	50	50	0	0	0	0				
Sylhet Zone Total						2472	2427	1090	1041	933	1136	41	917
104	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
105	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Gas Shortage	
106	Fairdipor 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	12	34	15	40				
107	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	20	20				
108	Khulna 225 MW CCPP	HSD/ Gas (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
109	Rupsha 105 MW PP (Oron rupsha)	HFO (IPP)	6x18.445	105	105	93	93	93	93				
110	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	0	0				
111	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	39	0	100	0				
112	Khulna 115 MW PP (KPCL-2)	HFO (NENP)	7x17	115	115	16	32	16	33				
113	Noapara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5*8.5	40	40	0	8	0	16				
114	Maitree Super Thermal 1320 MW PP (U-1)	Coal (BIFPCL)	1x617	617	617	588	579	0	0				
115	Khulna 330 MW CCPP (GT)	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
**	Bheramara (HVDC)	India		1000	1000	687	653	780	780				
Khulna Zone Total						3241	3237	1435	1399	1024	982	410	0
116	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	16	16				
117	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	16	19	20	20				
118	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	67	135	135	135	59		Gas Shortage	
119	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	622	610	622	622				
120	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	17	54	17	54				
121	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	250	250	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	1192	1304	1280	1317	59	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	32	32	32				
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	15	0	16				
127	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	50	92	90	92				
128	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	24	40	40				
129	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	25	42	34	42				
130	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	25	38	25	38				
131	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
132	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage	
133	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage	
134	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	275	286	400	400	128		Gas Shortage	
135	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11				
136	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	8	8	8				
137	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	0	35	0	35				
138	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	0	35	0	35				
139	Ammura 50 MW PP (Sinha)	HFO (NENP)	7x7.79	50	28	28	21	28	28				
140	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	1	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	1180	1407	1400	1400				
Rajshahi Zone Total						3653	3631	1589	2043	2074	2177	849	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*16x2*3	113	113	6	34	6	35				
145	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
146	Majpara, Tatula 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	5	0	8	0				
147	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	0	70	70	35				
148	Lalmonirhat 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	13	0	30	0				
149	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	62	0	130	0				
Rangpur Zone Total						1030	950	256	274	414	240	189	85
Sub-total: Plants in operation						26301	25481	9918.0	10558	10377	11008	4989	2397
(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	20	0	0	0	0	0				
Sub-total: Plants under long term maintenance/ contract expired						203	0	0	0	0	0	0	0
Gross Total						26504	25481	9918	10558	10377	11008	4989	2397
(C) Actual data of 22.01.24 (Yesterday) Monday :													
01.	Max. Demand at eve. peak (Generation end)	:	10616	MW, at =	19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand at eve. peak (Sub-station end)	:	10076	MW, at =	19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	10558	MW, at =	19:00 hrs	Dhaka	3702	3702	0	Mymensingh	883	828	55
04.	Minimum Generation (Generation end)	:	6937	MW, at =	4:00 hrs	Chattogram	976	976	0	Sylhet	366	366	0
05.	Day-peak Generation (Generation end)	:	9918	MW, at =	12:00 hrs	Khulna	1204	1204	0	Barishal	297	297	0
06.	Evening-peak Generation (Generation end)	:	10558	MW, at =	19:00 hrs	Rajshahi	1058	1058	0	Rangpur	745	745	0
07.	Evening Peak Load-shed (Sub-station end)	:	55	MW, at =	19:00 hrs	Cumilla	845	845	0				
08.	Minimum Generation Forecast up to 8:00 hrs.	:	6763	MW, at =	5:00 hrs					Total	10076	10021	55
09.	Generation shortfall at evening peak due to :	:				13.	Fuel cost :	(a) Gas = 256811962 Taka	(c) Coal = 516382822 Taka				
a) Gas/LF limitation	:	4800	MW					(b) Oil = 438389217 Taka	Total = 1211584001 Taka				
c) Coal supply Limitation	:	189	MW			14.	Maximum Temperature in Dhaka was : 17.4°C						
b) Low water level in Kaptai lake	:	0	MW			15.	Export through East-West interconnections :						
c) Plants under shut down/ maintenance	:	2397	MW				At evening peak-hour	:	9918	MW, at	19:00 hrs		
10.	Total Energy (Generation + India Import)	:	214.97	MKWh			Maximum	:	680	MW, at	8:00 hrs		
	By Gas = 85.488 MKWH			By Oil = 24.388 MKWh			Energy	:	0	MKWh			
	By Coal = 83.790 MKWH			By Hydro = 1.813 MKWh									
	By Solar = 1.385 MKWH												
11.	Total Gas Supplied	:	707.69	MMCFD									
(D) Forecast of 23.01.24 (Today) Tuesday :													
01.	Maximum Demand	:	10600	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	11008	MW	(Generation end)	05.	Total Generation : 215.83 MKWh						
03.	Reserve / Shortage	:	408	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 17.4°C						

* Captive Power ** Imported Power
#Remarks: Highest Generation 15648 MW on 19-04-2023 at 21:00

(Md. Helalur Rahman)
Deputy Secretary, Generation