

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month December, 2023						Day : Monday				Date : 01.01.23			
Probable Maximum Demand : 10400 MW				Probable Maximum Generation : 11673 MW									
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 93.50 ft		Today = 93.36 ft				Rule Curve = 103.10 ft			
Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.12.23 (Yesterday)		01.01.23 (Today)		31.12.23 (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	65	66	66	66	42		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	450	420	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	402	364	360	365				
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	15	15	30				
15	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	24	32	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	30	28	37	40				
18	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	33	25	33				
19	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	22	21	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	35	88	17	105				
22	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	32	82	16	98				
23	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	17	0	17				
24	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	15	25	80	130				
25	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	17	17	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	4	0	0	17				
29	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	35	0	17				
30	Manikgonj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	7	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	3	8	90	90				
33	Meghnaghat 100 MW(IEL)	HFO (NENP)	12x8.9	100	100	0	7	90	90				
34	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	102	102	4	17	85	85				
35	Keraniganj 100 MW PP (Powerpac)	HFO (NENP)	8x13.45	100	75	0	25	35	40				
36	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0				
	Meghnaghat Unique Power	Gas				0	48	0	0				
	Meghnaghat 589 MW CCPP(Summit)	Gas				0	0	0	0				
Dhaka Zone Total				5655	5422	1338	1614	1743	2076	1207	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	8	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	19	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	162	184	180	190	41		Gas Shortage	
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	90	130	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	0	17	51	51				
49	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	24	72	0	72				
50	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	12	12	12	12				
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			0	3	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	17	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	10	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	291	415	300	400	809		Coal Shortage	
	Matarbari 2*600 MW (CPGCL)	Coal				614	741	700	750			Test run	
	Cox's Bazar Wind PP	(Wind) (IPP)				0	0	10	10			Test run	
Chattogram Zone Total				3829	3769	1418	1858	1709	2099	1030	330		
59	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	48	5	48	48				
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	0	77	0	0		144	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	300	310	310	60		Gas Shortage	
63	Ashuganj 420 MW CCPP(East)	Gas (APSCL)	1x284+1x116	400	400	395	230	350	360	170		Gas Shortage	
64	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	0	8	8				
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	34	43	43				
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	13	26	6	50				
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	32	23	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	22	18							

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						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	42	42	42		28	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	50	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	8	8	11					
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	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	207	202	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	22	23	22	24	2		Gas Shortage		
99	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	305	290	300	300					
100	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	412	414	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	1356	1342	1343	1348	31	931			
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	14	19	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	21	31	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	70	0	100	0					
112	Khulna 115 MW PP (KPCL-2)	HFO (NENP)	7x17	115	115	0	16	0	16					
113	Noapara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5*8.5	40	40	0	8	0	8					
114	Maitree Super Thermal 1320 MW PP (U-1)	Coal (BIFPCL)	1x617	617	617	620	612	550	612					
115	Khulna 330 MW CCPP (GT)	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0					
**	Bheramara (HVDC)	India		1000	1000	865	912	833	930					
Khulna Zone Total				3241	3237	1590	1598	1555	1678	410	0			
116	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	30	110	110					
117	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	15	16	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	570	540	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	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	1143	1146	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	32	0	30					
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	52	88	50	88					
128	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	3	37	0	40					
129	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	16	8	34	40					
130	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	33	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	168	168	235	235	246		Gas Shortage		
135	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	0	8	11	11					
136	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	17	52	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	1	0	6	0					
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	763	747	748	748					
Rajshahi Zone Total				3653	3631	1020	1177	1127	1337	967	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	40	6	40					
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	54	70	75					
148	Lalmonirhat 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	30	0	30	0					
149	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	160	0	130	0					
Rangpur Zone Total				1030	950	367	264	414	285	189	85			
Sub-total: Plants in operation				25726	25211	9514.0	10204	10553	11673	4592	2493			
(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	9514	10204	10553	11673	4592	2493			
(C)														
Actual data of 31.12.23 (Yesterday)						Sunday :								
01.	Max. Demand at eve. peak (Generation end)		:	10204	MW, at =	18:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand at eve. peak (Sub-station end)		:	9929	MW, at =	18:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)		:	10204	MW, at =	18:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)		:	6752	MW, at =	5:00 hrs	Dhaka	3882	3882	0	Mymensingh	792	792	0
05.														