

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2024				Day : Monday				Date : 29.04.24				
Probable Maximum Demand : 17200 MW				Probable Maximum Generation : 16890 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 74.50 ft				Today = 74.31 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.04.24 (Yesterday)		29.04.24 (Today)		28.04.24 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
					Day	Evening	Day	Evening	Gas/Coal/oil/Water Limitation MW	Machines shut down (MW)		Description/ Remarks
(A) Plants in operation:												
1	Ghorasal Repowered CAPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0		260	Under project work
2	a) Ghorasal Repowered CAPP 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 CAPP 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	73	72	75	75	36		Gas Shortage
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0		105	Under maint.
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0			
7	Meghnaghat 450 MW CAPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	450	450	450			
8	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling
9	Haripur 412 MW CAPP	Gas (EGCB)	1x273+1x139	412	400	402	400	400	400			
10	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	101	0	0	0	210		Gas Shortage
11	Siddhirgonj 335 MW CAPP	Gas (EGCB)	1 x 217+1x118	335	335	309	320	335	335			
12	Meghnaghat 335MW CAPP(Summit)	Gas (IPP)	2x110+1x110	335	335	302	308	310	310			
13	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	40	40	40	40			
14	Gaganagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	48	90	48	90			
15	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	0	0			
16	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	35	34	44	44			
17	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
18	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	32	33	33			
19	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	16	16	16	16			
20	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	35	105	35	105			
21	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	32	150	32	150			
22	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	35	0	54			
23	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	180	275	300	300			
24	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	132	149	130	149			
25	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	55	0	55			
26	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	0	55			
27	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	16	70	53	72			
28	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	17	144	35	162			
29	Manikganj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	30	0	35	0			
30	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	0	0	0	0			
31	Keraniganj 100 MW PP (Powerpac)	HFO (NENP)	8x13.45	100	75	0	13	0	0			
32	Unique Meghnaghat 584MW CAPP	Gas	1x400+1x184	584	584	400	590	500	500			
	Meghnaghat 589 MW CAPP(Summit)	Gas				300	300	589	589			Test run
Dhaka Zone Total				5526	5332	3156	3916	3673	4197	426	845	
33	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	30	30	30	30	200		Inadequate Water Level
34	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	115	113	115	115			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Under maint.
35	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5	0	5	0			
36	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	8	25			
37	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18	0	20	0			
38	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	6	19	6	19			
39	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	17	34	17	34			
40	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150		Under maint.
41	Sikalbaha 225 MW CAPP	Gas (PDB)	1 x 150+1 x 75	225	225	211	210	211	211			
42	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.94	300	300	16	16	16	16			
43	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	10	10	12	12			
44	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	51	68	68	68			
45	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	33	40	32	50			
46	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	5	5	5	5			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	29	10	30			
47	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	13	25	15	32			
48	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	36	13	36			
49	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	34	17	34			
50	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	0	0	0	0			
51	Juldah 100 MW Unit-1 (Acom)	HFO (NENP)	8x13.45	100	100	0	0	0	0			
52	Chattogram 116 MW PP (Anilma Energy Ltd.)	HFO (IPP)	6x21.06	116	116	17	17	17	17			
53	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	54	163	54	163			
54	Chattogram 2*612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	274	284	275	275			
55	Matarbari 2*600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	545	423	580	580			
56	Cox's Bazar Wind PP	(Wind) (IPP)		60	60	1	2	40	40			
	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)				69	0	33	0			
Chattogram Zone Total				4464	4404	1527	1583	1599	1792	200	330	
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	32	34	40	40			
58	Ashuganj 225 MW CAPP	Gas (APSCCL)	1x142+1175	221	221	209	205	220	220			
59	Ashuganj 450 MW CAPP(South)	Gas (APSCCL)	1x360	360	360	320	345	300	335			
60	Ashuganj 450 MW CAPP(North)	Gas (APSCCL)	1x361	360	360	300	300	300	300			
61	Ashuganj 420 MW CAPP(East)	Gas (APSCCL)	1x284+1x116	400	400	265	240	300	345			
62	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+1*16	195	195	0	0	0	0	195		Gas Shortage
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51			
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	6	6	6	6			
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	20	36	33	41			
66	Chandpur 150 MW CAPP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0	163		Under maint.
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	106	150	100	150			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	0	0	0			
69	Jangalia 33 MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	16	16	33	33			
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	25	50	34	52			
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	17	19	20	20			
72	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	52	114	52	114			
73	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	36	73	55	73			
74	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	17	35	17	35			
75	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	36	99	36	95			
76	Ashuganj 55 MW PP (Precision)	Gas (NENP)	15*4	55	55	40	30	50	50			
**	Impoport (Tripura)	India		160	160	98	98	146	144			
Cumilla Zone Total				2937	2929	1646	1901	1793	2104	195	163	
77	RPCL 210MW CAPP	Gas (IPP)	4x35+1x70	210	202	64	88	80	100	114		Gas Shortage
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	48	98	50	97			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	62	107	56	108			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0			
81	Sutakhal 50 MW Solar PP	Solar (IPP)	1x50	50	50	45	0	50	0			
82	Tangail 22 MW PP(PPL)	HFO (IPP)	4x6.7	22	22	18	18	12	18			
Mymensing Zone Total				600	592	239	311	250	323	114	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.04.24 (Yesterday)		29.04.24 (Today)		28.04.24 (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)		
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	41	43	43	43		27	Under maint.
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	28	29	30	30		61	GT-4 Under maint.
85	Fenchugonj 51 MW PP (Barakattallah)	Gas (RPP)	19x2.90	51	51	50	53	50	50			
86	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	112	112	112	112			
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	7	9	5	5			
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	58	57	60	60			
89	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.
90	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	208	201	210	210			
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	17	18	18			
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	24	25	25			
93	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	290	300	300			
94	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	405	365	400	400			
95	Bibiyana South 363 MW CCPP	Gas (PDB)	1x252+1x131	383	383	377	345	380	380			
96	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0			Test run
97	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	40	43	44	44			
Sylhet Zone Total					2376	2331	1342	1588	1677	0	418	
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0			
99	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	385	345	400	410			
100	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	30	25	42			
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	61	44	62			
102	Khulna 225 MW CCPP	HSD/ Gas (NWPGL)	1 x 150+1x75	230	230	0	0	0	0			
103	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	35	72	90	90			
104	Machumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	0	0			
105	Monoria Orion 100 MW Solar PP	Solar (IPP)	100	100	100	90	0	100	0			
106	Maitree Super Thermal 1320 MW PP	Coal (BIFPCL)	2x617	1234	1234	339	305	375	375			
107	Khulna 330 MW CCPP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0			
**	Bheramara (HVDC)	India		1000	1000	921	618	939	656			
Khulna Zone Total					3703	3699	1770	1431	1973	1635	0	0
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	48	48	110			
109	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	10	0	10	10	10			
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	130	126	130	130		68	ST under maint.
111	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	1000	1244	1244	1244			
112	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	17	17			
113	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	150	269	200	307			
114	Bhola 220MW CCPP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	220	220	220	220			
Barishal Zone Total					2265	2235	1500	1917	1869	2038	0	68
115	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.
116	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	30	39	38	38			
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	14	0	25			
118	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	93	50	95			
119	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	24	46	40	50			
120	Katakali 50 MW PP (Northern)	HFO (NENP)	6x8.9	50	50	34	42	42	42			
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	28	30	33			
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	165	169	160	200			
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	192	198	185	200			
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	400	414	414	414			
126	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
127	Natore 52 MW PP (Rajanka)	HFO (IPP)	6x8.92	52	52	0	8	8	8			
128	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	35	75	35	75			
129	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	30	76	35	77			
130	Ammura 50 MW PP (Sinha)	HFO (NENP)	7x7.79	50	28	35	0	0	0			
131	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	0	0	6	0			
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	749	1501	0	1400			
Rajshahi Zone Total					3453	3431	1702	2714	1054	2668	291	100
132	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	56	75	70	75			
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling
133	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	230	230	230	230			
134	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x.2*3	113	113	34	56	34	56			
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
137	Majpara, Tatisa 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	7	0	8	0			
138	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	36	94	35	95			
139	Lalmohitha 30 MW Solar (Intraac)	Solar (IPP)	1*30	30	30	31	0	30	0			
140	Teesa Solar Limited	Solar (IPP)	1 x 200	200	200	177	0	130	0			
Rangpur Zone Total					1030	950	571	455	537	456	0	85
Sub-total: Plants in operation					26354	25903	13453.0	15816	14425	16890	1226	2009
(B) Plants under long term maintenance/ contract expired												
141	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0			Contract Expired
142	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	0	0	0	0	0			Contract Expired
143	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	0	0	0	0	0			Contract Expired
144	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	0	0	0	0	0			Contract Expired
145	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0			Contract Expired
Sub-Total: Plants under long term maintenance/ contract expired					700	0	0	0	0	0	0	0
Gross Total					27054	25903	13453	15816	14425	16890	1226	2009
(C) Actual data of 28.04.24 (Yesterday) Sunday :												
01.	Max. Demand at eve. peak (Generation end)	: 17150 MW, at = 21:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand at eve. peak (Sub-station end)	: 16246 MW, at = 21:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	: 15816 MW, at = 21:00 hrs	Dhaka	5830	5640	190	Mymensingh	1407	1147	260		
04.	Minimum Generation (Generation end)	: 12941 MW, at = 8:00 hrs	Chattogram	1438	1224	214	Sylhet	501	501	0		
05.	Day-peak Generation (Generation end)	: 13453 MW, at = 11:00 hrs	Khulna	2009	2009	0	Barishal	517	517	0		
06.	Evening-peak Generation (Generation end)	: 15816 MW, at = 21:00 hrs	Rajshahi	1881	1691	190	Rangpur	1073	893	180		
07.	Evening Peak Load-shed (Sub-station end)	: 1274 MW, at = 21:00 hrs	Cumilla	1590	1350	240	Total	16246	14972	1274		
08.	Minimum Generation Forecast up to 8:00 hrs.	: 13181 MW, at = 5:00 hrs										
09.	Generation shortfall at evening peak due to :	:										
a)	Gas/LF limitation	: 1026 MW										
d)	Coal supply Limitation	: 0 MW										
b)	Low water level in Kaptai lake	: 200 MW										
c)	Plants under shut down/ maintenance	: 2009 MW										
10.	Total Energy (Generation + India Import)	: 333.98 MKWh										
	By Gas = 173.213 MKWh	By Oil = 43.448 MKWh										
	By Coal = 91.689 MKWh	By Hydro = 0.727 MKWh										
	By Solar = 3.448 MKWh											
11.	Total Gas Supplied	: 1286.01 MMCFD										
(D) Forecast of 29.04.24 (Today) Monday :												
01.	Maximum Demand	: 17200 MW (Generation end)	04. Maximum Load-shed : 419 MW At evening peak (Sub-station end)									
02.	Maximum Generation	: 16890 MW (Generation end)	05. Total Generation : 363.21 MKWh									
03.	Reserve / Shortage	: -310 MW (Generation end)	06. Probable Max. Temperature in Dhaka : 39.0°C									

#Remarks: Highest Generation 16233 MW on 22-04-2024 at 21:00

(Md. Helalur Rahman)
Deputy Secretary, Generation