

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551093

Month April, 2024				Day : Wednesday				Date : 17.04.24			
Probable Maximum Demand : 14700 MW				Probable Maximum Generation : 16411 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 77.23 ft				Today = 77.11 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.04.24 (Yesterday)		17.04.24 (Today)		16.04.24 (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)	
(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	180	130	180	180		
	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	67	12	60	75	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	Meghnaghat 450 MW CAPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	420	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	334	314	320	330		
10	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	161	124	160	200		
11	Siddhirgonj 335 MW CAPP	Gas (EGCB)	1 x 217+1x118	335	335	315	300	335	335		
12	Meghnaghat 335MW CAPP(Summit)	Gas (IPP)	2x110+1x110	335	335	301	303	300	300		
13	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	25	25	25		
14	Gaganagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	82	8	82	82		
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+7x8.73	80	80	24	24	27	27		
17	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	30	25	33	33		
18	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	19	19	20	20		
19	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	25	8	25		
20	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	17	17	17	100		
21	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	31	48	32	145		
22	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	0	0	17		
23	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	130	0	300	300		
24	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	113	134	100	130		
25	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	17	17	0	17		
26	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	17	0	55		
27	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	34	17	53	68		
28	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	17	0	0	54		
29	Manikganj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	28	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	12	0	15	15		
32	Unique Meghnaghat 584MW CAPP	Gas	1x400+1x184	584	584	400	422	450	550		
	Meghnaghat 589 MW CAPP(Summit)	Gas				430	300	550	550		Test run
Dhaka Zone Total				5526	5332	3380	2881	3732	4263	201	740
33	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	30	60	30	30	170	Inadequate Water Level
34	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	119	120	120	61	Gas Shortage
	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	4	0	5	0		
36	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	7	25	8	25		
37	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19	0	20	0		
38	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	20	19	6	19		
39	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	34	17	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	212	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	0	0	0	0		
44	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	50	51	51	51		
45	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	55	69	64	69		
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	31	10	20		
47	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	13	12	12		
48	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	0	17		
49	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	34	34	34	34		
50	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	0	0	12	12		
51	Juldah 100 MW Unit-1 (Acom)	HFO (NENP)	8x13.45	100	100	25	25	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	276	276	280	280		
55	Matarbari 2*600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	780	779	780	800		
56	Cox's Bazar Wind PP	(Wind) (IPP)		60	60	0	5	40	40		
	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)				66	0	25	0		
Chattogram Zone Total				4464	4404	1826	1936	1817	1975	231	330
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	32	38	34	38		
58	Ashuganj 225 MW CAPP	Gas (APSCCL)	1x142+1175	221	221	208	190	220	220		
59	Ashuganj 450 MW CAPP(South)	Gas (APSCCL)	1x360	360	360	285	270	280	280		
60	Ashuganj 450 MW CAPP(North)	Gas (APSCCL)	1x361	360	360	295	285	280	280		
61	Ashuganj 420 MW CAPP(East)	Gas (APSCCL)	1x284+1x116	400	400	290	287	280	300		
62	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	8	63	63		
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	13	5	6	6		
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	26	35	33	33		
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	34	50	50	50		
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	9	0	10	10		
69	Jangalia 33 MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	0	30	33		
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	33	52	33	51		
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	19	10	20	20		
72	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	17	98	17	114		
73	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	28	8	38	50		
74	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	17	0	17	17		
75	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	36	36	36	36		
76	Ashuganj 55 MW PP (Precision)	Gas (NENP)	15*4	55	55	42	49	53	49		
**	Impoport (Tripura)	India		160	160	114	62	146	143		
Cumilla Zone Total				2937	2929	1557	1534	1697	1844	0	163
77	RPCL 210MW CAPP	Gas (IPP)	4x35+1x70	210	202	93	82	100	110	120	Gas Shortage
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	48	98	50	100		
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	58	103	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	43	0	50	0		
82	Tangail 22 MW PP(RPGL)	HFO (IPP)	4x6.7	22	22	12	12	6	12		
Mymensingh Zone Total				600	592	256	295	264	330	120	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	16.04.24 (Yesterday)		17.04.24 (Today)		16.04.24 (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 CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	40	43	43	43		27	Under maint.	
84	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	28	28	30	30		62	GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	22	53	53				
86	Kushiana 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	112	112	110	112				
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	0	0	0				
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	54	57	60	60				
89	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
90	Sylhet 225 MW CCGP	Gas (PDB)	1x142+1x89	231	231	200	207	210	210				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	14	18	18	18				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	25	0	25	25				
93	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	10	295	300	340				
94	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	80	375	350	350				
95	Bibiyana South 363 MW CCGP	Gas (PDB)	1x252+1x131	383	383	340	305	300	400				
96	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	96	98	97	100			Test run	
97	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	46	20	47	47				
Sylhet Zone Total					2376	2331	1095	1580	1643	1788	0	419	
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
99	Bheramara 410 MW CCGP	Gas (NWP/GCL)	1 x 278+ 1 x 132	410	410	315	340	365	365		70	Gas Shortage	
100	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	17	0	42				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	45	0	50				
102	Khulna 225 MW CCGP	HSD/ Gas (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	0				
103	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	57	70	90				
104	Machumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	0	0				
105	Monoria Orion 100 MW Solar PP	Solar (IPP)	100	100	100	91	0	100	0				
106	Maitree Super Thermal 1320 MW PP	Coal (BIFPCL)	2x617	1234	1234	0	0	0	0				
107	Khulna 330 MW CCGP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
**	Bheramara (HVDC)	India		1000	1000	930	788	944	787				
Khulna Zone Total					3703	3699	1353	1247	1479	1334	70	0	
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	48	110				
109	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	10	0	0	0	0				
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	130	80	130	130		114	ST under maint.	
111	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	860	640	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	150	150	307				
114	Bhola 220MW CCGP (Nutan Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	207	220	220	220				
Barishal Zone Total					2265	2235	1347	1090	1809	2028	0	114	
115	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0				
	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	0	35	0	35				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	13	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	0	23	40	50				
120	Katakali 50 MW PP (Northern)	HFO (NENP)	6x8.9	50	50	0	8	34	34				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	30	30				
122	Siraigonj 225MW CCGP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	205	214	180	200				
123	Siraigonj 225MW CCGP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0		220	Gas Shortage	
124	Siraigonj 225MW CCGP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	0		220	Gas Shortage	
125	Siraigonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	405	345	380	414				
126	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	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	55	36	58				
129	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	35	50	35	50				
130	Ammura 50 MW PP (Sinha)	HFO (NENP)	7x7.79	50	28	0	0	0	28				
131	Siraigonj 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	3	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	1111	919	1400	1400				
Rajshahi Zone Total					3453	3431	1805	1806	2210	2438	440	100	
132	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	
133	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	250	230	230	230		44	Coal Shortage	
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	33	66	40	66				
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
137	Majpara, Tatalia 8 MW Solar PP (Sypsa Power)	Solar (IPP)	1 x 8	8	8	8	0	8	0				
138	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	35	115	35	115				
139	Lalmohithat 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	33	0	30	0				
140	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	115	0	130	0				
Rangpur Zone Total					1030	950	472	411	473	411	129	85	
Sub-total: Plants in operation					26354	25903	13091.0	12780	15124	16411	1191	1951	
(B) Plants under long term maintenance/ contract expired													
141	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0			Contract Expired	
142	Haripur 360MW CCGP(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	Bosha 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	13091	12780	15124	16411	1191	1951	
(C) Actual data of 16.04.24 (Yesterday) Tuesday :													
01.	Max. Demand at eve. peak (Generation end)	: 12830 MW, at = 21:00 hrs											
02.	Max. Demand at eve. peak (Sub-station end)	: 12226 MW, at = 21:00 hrs											
03.	Highest Generation (Generation end)	: 13362 MW, at = 15:00 hrs											
04.	Minimum Generation (Generation end)	: 11589 MW, at = 7:00 hrs											
05.	Day-peak Generation (Generation end)	: 13091 MW, at = 12:00 hrs											
06.	Evening-peak Generation (Generation end)	: 12780 MW, at = 21:00 hrs											
07.	Evening Peak Load-shed (Sub-station end)	: 48 MW, at = 21:00 hrs											
08.	Minimum Generation Forecast up to 8:00 hrs.	: 11377 MW, at = 5:00 hrs											
09.	Generation shortfall at evening peak due to :												
	a) Gas/LF limitation	: 892 MW											
	d) Coal supply Limitation	: 129 MW											
	b) Low water level in Kaptai lake	: 170 MW											
	c) Plants under shut down/ maintenance	: 1951 MW											
10.	Total Energy (Generation + India Import)	: 301.06 MMCFD											
	By Gas = 165.758 MKWH	By Oil = 28.128 MKWh											
	By Coal = 79.120 MKWH	By Hydro = 0.840 MKWh											
	By Solar = 3.242 MKWH												
11.	Total Gas Supplied	: 1278.22 MMCFD											
(D) Forecast of 17.04.24 (Today) Wednesday :													
01.	Maximum Demand	: 14700 MW (Generation end)											
02.	Maximum Generation	: 16411 MW (Generation end)											
03.	Reserve / Shortage	: 1711 MW (Generation end)											
12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :												
	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW					
	Dhaka	3696	3696	0	Mymensingh	1065	1065	0					
	Chattogram	1352	1352	0	Sylhet	438	438	0					
	Khulna	1664	1664	0	Barishal	392	392	0					
	Rajshahi	1668	1668	0	Rangpur	1018	970	48					
	Cumilla	933	933	0									
					Total	12226	12178	48					
					(a) Gas = 473593967 Taka	(c) Coal = 524395306 Taka							
					(b) Oil = 511320913 Taka	Total = 1509310186 Taka							
14.	Maximum Temperature in Dhaka was : 38.4°C												
15.	Export through East-West interconnections :												
	At evening peak-hour	: 13091 MW, at 21:00 hrs											
	Maximum	: 50 MW, at 18:30 hrs											
	Energy	: 0 MKWh											
04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)											
05.	Total Generation	: 331.21 MMCFD											
06.	Probable Max. Temperature in Dhaka :	30.3°C											

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

(Md. Helalur Rahman)
Deputy Secretary, Generation