

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2021		13500 MW		Day : Thursday		Date : 29.04.21						
Probable Maximum Demand :		13500 MW		Probable Maximum Generation : 16101 MW		Rule Curve = 82.40 ft.						
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 77.35 ft.				Today = 77.22 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.04.21 (Yesterday)		29.04.21 (Today)		28.04.21 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation (MW)			Machines shut down (MW)
					Day	Evening	Day	Evening			Description/ Remarks	
(A) Plants in operation:												
1	a) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Under Repowering	
	b) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under Repowering	
	c) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	180	180	180	180			
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0	365	Under maint.	
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	98	99	100	102			
4	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	CB Problem	
5	Hanpur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20	Under Maint.	
6	Hanpur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	173	198	345	345	162	Gas Shortage	
7	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	300	300	300	300	150	Gas Shortage	
8	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under Overhauling	
9	Hanpur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	249	176	412	412	236	Dirty in gas	
10	Siddhirganj 2120 MW GTPP	Gas (EGCB)	2 x 105	210	210	150	122	150	180	88	Gas Shortage	
11	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	218	180	220	220	155	ST under maint.	
12	Siddhirganj 100 PPI/Dutch Bangla	HFO (QRPP)	12x8.9	100	100	100	100	100	100			
13	Meghnaghat CCPP(Summit)	HFO (IPP)	2x110+1x110	305	305	245	245	250	250	60		dirty in gas
14	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	100	99	100	100			
15	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
16	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	50	100			
17	Gagragar 102 MW PP (Digital Powe)	HFO (IPP)	12x8.924	102	102	102	102	102	102			
18	Narsingdi 22 MW PP (Doreen)	Gas (SI PP, REB)	8x2.50	22	22	22	22	22	22			
19	Summit Power,(Madhabdi+Ashula)	Gas (SI PP, REB)	6x3.57+3x8.73	80	80	47	45	50	50			
20	Moona 33 MW PP(Summit)	Gas (SI PP, REB)	4x8.75	33	33	33	33	33	33			
21	Rupganj 33 MW PP(Summit)	Gas (SI PP, REB)	4x8.75	33	33	33	33	33	33			
22	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	51	49	52	52			
23	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	86	85	85	85			
24	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	150	149	150	150			
25	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0			
26	Kamalaghat 54 MW PP (Banco Energy)	Gas (IPP)	3x18.89	54	54	35	35	35	35			
27	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	225	235	75	250			
28	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149			
29	Keraniganj 300 MW PP (AR)	HSD (IPP)	256x1.4	300	300	0	125	100	300			
30	Branhangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	100	50	100			
31	Aurahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	51	0	100			
32	Nabaganj 55 MW PP (Southern po)	HFO (IPP)	3x19.3	55	55	55	55	55	55			
33	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55			
34	Bosila 108MW PP(EL)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
35	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	90	90	90	90			
36	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	144	162	162	162			
37	Manikganj 35MW Solar PP (Inspect)	Solar (IPP)	1x35	35	35	29	0	30	0			
Dhaka Zone Total				6026	5829	3174	3329	3590	4167	696	1110	
38	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	35	35	35	35	195		Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	100	100			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Under maint.
40	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	5	0	5	0			
41	Raccan 25 MW PP	HFO (RPCL)	3x8.9	25	25	17	17	17	17			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	42	0	43	43			
44	Sikalbaha 105 MW PP (Baraka Sika)	HFO (IPP)	6x18.415	105	105	105	105	105	105			
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	120	125	120	120			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	227	231	230	230			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	0	300	300			
48	Juddah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	10	10	20	20			
49	Juddah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	63	64	68	68			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
52	Barabkunda 22 MW PP (Regent)	Gas (SI PP, PDB)	8x2.90	22	22	21	21	22	22			
*	Malancha, Cig.EPZ (United)	Gas	5x8.73+3x9.34			2	22	10	25			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	20	19	90	90			
54	Sikalbaha 54 MW Power Plant(Jodioc Power)	HFO (IPP)	3x18.55+1x3.6	54	54	35	35	54	54			
55	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	51	51	110	110			
56	Juddah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
57	Chattogram 116 MW PP (Anlima En)	HFO (IPP)	6x21.06	116	116	116	115	90	90			
Chattogram Zone Total				2442	2382	1187	1150	1639	1629	195	180	
58	a) Ashuganj TPP Unit-3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage
	b) Ashuganj TPP Unit-4	Gas (APSCCL)	1 x 150	150	129	0	0	0	0	129		Gas Shortage
	c) Ashuganj TPP Unit-5	Gas (APSCCL)	1 x 150	150	134	0	80	80	80	54		Gas Shortage
59	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	23	26	23	23			
60	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1175	221	221	196	211	225	225			
61	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	305	290	330	330			
62	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	320	300	330	330			
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	154	55	55	56	55	55	55			
64	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+116	195	195	45	55	45	45	140		Gas shortage
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	135	141	100	150			
67	Tilas 50 MW Peaking PP	HFO (PDB)	6x8.92	50	50	0	48	0	50			
68	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	94	91	95	96	72		Gas Shortage
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	122	140	158	158			
70	Feni 22MW PP (Doreen)	Gas (SI PP, PDB)	8x2.90	22	22	14	20	22	22			
71	Feni 11 MW PP (Doreen)	Gas (SI PP, REB)	4x2.90	11	11	8	10	11	11			
72	Jangalia 33MW PP (Summit)	Gas (SI PP, PDB)	4x8.73	33	33	33	33	33	33			
73	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	52	52	52			
74	Cumilla 25 MW PP (Summit)	Gas (SI PP, REB)	3x3.67+2x6.97	25	25	20	20	20	20			
75	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	99x1.4+40x1.55+15x1.05	200	200	0	200	100	200			
76	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	114	114	114	114			
77	Chowmahani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	113	113	113	113			
78	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	37	35	35	35			
**	Impourt (Tripura)	India		160	160	142	166	157	179			
Cumilla Zone Total				3094	3034	1871	2251	2149	2372	530	0	
79	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	133	152	177	177	50		Gas Shortage
80	Tangail 22 MW PP (Doreen)	Gas (SI PP, PDB)	8x2.90	22	22	16	19	20	20			
81	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	65	81	80	80			
82	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	106	115	115	115			
83	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	150	190	200	200			
84	Saishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0			
85	Sutikhalhi 50 MW Solar PP	Solar (IPP)	1x50	50	50	54	0	50	0			
86	Tangail 22 MW PP(RPCL)	HFO (IPP)	4x6.7	22	22	21	24					

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.04.21 (Yesterday)		29.04.21 (Today)		28.04.21 (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/Water/Coal limitation MW	Machines shut down (MW)			
87	Fenchugonj CCP Phase-1	Gas (PDB)	2x32+1x33	97	70	0	0	30	30		Under maint.		
88	Fenchugonj CCP Phase-2	Gas (PDB)	2x35+1x35	104	90	42	41	42	42		49	Under maint.	
89	Fenchugonj 51 MW PP (Barakatulle)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
90	Kushara 163 MW CCP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
91	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11				
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	64	66	66	66				
93	Shahjibazar 330 MW CCP	Gas (PDB)	2x110+1x110	330	330	109	220	275	275				
94	Shahjibazar 98MW PP (Shahjibazar)	Gas (RPP)	32x3.00	96	86	74	74	76	76				
95	Sylhet 225 MW CCP	Gas (PDB)	1x142+1x83	225	225	163	231	225	225				
96	Sylhet 20 MW GTPP	Gas (PDB)	1x20	20	20	18	18	18	18				
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	7	8	10	10				
98	Shahjibazar 25 MW PP	Gas (SIIP, REB)	3x9.34	25	25	16	16	16	16				
99	Bibiana-II 341 MW CCP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	280	341	341				
100	Bibiana-III 400 MW CCP	Gas (PDB)	1x285+1x115	400	400	371	368	400	400				
101	Bibiana South 383 MW CCP	Gas (PDB)	1x252+1x131	383	383	383	370	400	400				
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0				
Sylhet Zone Total					2422	2377	1732	1919	2124	2124	0	119	
103	Bheramara GTPP Unit-3	HSD (PDB)	1x20	20	16	0	0	0	16				
104	Bheramara 410 MW CCP	Gas (NWP/IGL)	1x278+1x132	410	410	170	165	400	400		245	Gas Shortage	
105	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	4	19	20	20				
106	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	6	0	60	60				
107	Khulna 225 MW CCP	HSD (NWP/IGL)	1x150+1x75	230	230	0	60	0	220				
108	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	83	99	99	99				
109	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	50	100				
110	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	24	32	32	33				
111	Rupsha 105 MW PP (Onion rupsha)	HFO (IPP)	6x18.445	105	105	90	91	90	91				
112	Madhumati 100 MW PP	HFO (NWP/IGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	725	844	860	933				
Khulna Zone Total					2288	2284	1102	1410	1711	2072	245	0	
113	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	110	110				
114	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	26	31	33	33				
115	Bhola 225 MW CCP	Gas (PDB)	2x63+1x68	194	194	64	64	66	67		130	GT-2 & STG Under maint.	
116	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1x1x96	95	95	97	83	95	95				
117	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	500	580	622	622				
118	Potashkhal 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	72	80	90				
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				0	0	0	0				
Barishal Zone Total					1826	1826	687	940	1006	1017	0	130	
119	a) Baghabani 71 MW GTPP	Gas (PDB)	1x71	71	71	0	0	0	0		71	Gas Shortage	
	b) Baghabani 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Gas Shortage	
120	Baghabani 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	50	43	50	50				
121	Baghabani 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	10	200	200				
122	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	41	40	45				
123	Ammura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	42	42	42	42				
124	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	98	100	100				
125	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	29	30	30				
126	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	16	43	43				
127	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	27	0	32				
128	Sirajgonj 225MW CCP Unit-1	Gas (NWP/IGL)	1x150+1x75	210	210	78	60	95	95		90	Gas Shortage	
129	Sirajgonj 225MW CCP Unit-2	Gas (NWP/IGL)	1x150+1x75	220	220	138	132	180	200		88	Gas Shortage	
130	Sirajgonj 225MW CCP Unit-3	Gas (NWP/IGL)	1x141+1x79	220	220	143	140	200	200		80	Gas Shortage	
131	Sirajgonj 400 MW CCP Unit-4	Gas (IPP)	1x282+1x132	414	414	385	334	400	400				
132	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	16	11	22	22				
133	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	10	11	11				
134	Natore 52 MW PP (Rajanka)	HFO (IPP)	6x8.92	52	52	43	43	52	52				
135	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	113	70	113	113				
136	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	113	70	113	113				
Rajshahi Zone Total					2173	2173	1132	1176	1691	1748	429	0	
137	a) Barapukuria TPP Unit-1	Coal (PDB)	1x125	125	85	73	0	75	75		85	Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1x125	125	85	0	0	0	85			Coal Shortage	
138	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1x274	274	274	150	150	150	150		124	Coal Shortage	
139	Rangpur 20 MW GTPP	HSD (PDB)	1x20	20	20	0	0	0	10				
140	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x2*3	113	113	113	43	113	113				
141	Saidpur 20 MW GTPP	HSD (PDB)	1x20	20	20	0	0	0	10				
142	Majpara, Tatula 8 MW Solar PP (Synpa Po)	Solar (IPP)	1x8	8	8	5	0	8	0				
Rangpur Zone Total					685	605	341	193	346	358	294	0	
Sub-total: Plants in operation					21673	21219	11773.0	12949	14922	16101	2439	1539	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							11181	12298	14171	15292			
(B) Plants under long term maintenance/ contract expired													
143	Ghorashal 78.5 MW PP (MAX)	Gas (QRPP)	2x40	78	0	0	0	0	0				Contract Expired on 08/01/2021
144	Madanganj 102 PP (Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0				
145	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	0	0	0	0	0				Contract Expired on 14/02/2021
146	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	0	0	0	0	0				Contract Expired on 04/01/2020
147	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0				Contract Expired on 12/11/2020
Sub-Total: Plants under long term maintenance/ contract expired					294	0	0	0	0	0	0	0	
Gross Total					21967	21219	11773	12949	14922	16101	2439	1539	
(C) Actual data of 28.04.21 (Yesterday) Wednesday :													
1. Max. Demand at eve. peak (Generation end) : 12949.00 MW, at = 19:30 hrs													
2. Max. Demand at eve. peak (Sub-station end) : 12298.00 MW, at = 19:30 hrs													
3. Highest Generation (Generation end) : 13260.00 MW, at = 1:00 hrs													
4. Minimum Generation (Generation end) : 10603.00 MW, at = 8:00 hrs													
5. Day-peak Generation (Generation end) : 11773.00 MW, at = 12:00 hrs													
6. Evening-peak Generation (Generation end) : 12949.00 MW, at = 19:30 hrs													
7. Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 19:30 hrs													
8. Minimum Generation Forecast up to 8:00 hrs. : 9243.00 MW, at = 5:00 hrs													
9. Generation shortfall at evening peak due to :													
a) Gas limitation : 1950 MW													
d) Coal supply Limitation : 294 MW													
b) Low water level in Kaptai lake : 195 MW													
c) Plants under shut down/ maintenance : 1539 MW													
Total Energy (Generation + India Import) : 292.94 MKWh													
By Gas = 152.409 MKWh By Oil = 97.992 MKWh													
By Coal = 19.083 MKWh By Hydro = 0.844 MKWh													
By Solar = 0.734 MKWh													
Total Gas Supplied : 1287.40 MCMCFD													
10. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :													
11. Fuel cost :													
(a) Gas = 167003230 Taka (c) Coal = 89951017 Taka													
(b) Oil = 760787277 Taka Total = 1017741524 Taka													
12. Maximum Temperature in Dhaka was : 37.1° C													
13. Export through East-West interconnections :													
At evening peak-hour : 3 MW, at 19:30 hrs													
Maximum : -500 MW, at 14:00 hrs													
Energy : 2.8075 MKWh													
14. Forecast of 29.04.21 (Today) Thursday :													
01. Maximum Demand : 13500 MW (Generation end)													
02. Maximum Generation : 16101 MW (Generation end)													
03. Maximum Shortage : -2601 MW (Generation end)													
04. Maximum Load-shed : 0 MW (Generation end)													
05. Total Generation : 298.24 MKWh													
06. Probable Max. Temperature in Dhaka : 39.8° C													

Captive Power Imported Power

#Remarks: Highest Generation 13792 MW on 27-04-2021 at 20:00

(Faouzi Islam Shaker)
Deputy Secretary, Generation