

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2021										Day : Thursday		Date : 20.05.21			
Probable Maximum Demand :				13200 MW		Probable Maximum Generation :				15717 MW		Rule Curve = 78.39 ft.			
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 74.95		Today = 74.81		19.05.21 (Yesterday)		20.05.21 (Today)		19.05.21 (Yesterday)		Status of Machines under shut-down/ Maintenance	
Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)	Description/ Remarks	Probable start-up date	
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW	(MW)				
(A) Plants in operation:															
1	Ghorasal Repowered CCPP Unit-3 (GT)	Gas (PDB)	1 x 210	260	260	0	0	0	0		260		Under maint.		
2	a) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180		Under Repowering		
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	115	180	180	180						
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		365		Under maint.		
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	100	100	100	100						
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0		105		CB Problem		
6	Hanipur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0		20		Under Maint.		
7	Hanipur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	341	345	360	360						
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	300	300	300	300	150			Gas Shortage		
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115		Under Overhauling		
10	Hanipur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	340	328	350	360	84			Dirt in gas		
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	185	148	150	175	62			Gas Shortage		
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	213	219	220	220		116		ST under maint.		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	35	100	100	100						
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	285	260	280	280	45			dirt in gas		
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	0	0	0						
16	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55						
17	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	100	50	100	100						
18	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	0	72	102	102						
19	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	15	15						
20	Summit Power (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x3.73	80	80	30	38	42	42						
21	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x3.73	33	33	33	33	33	33						
22	Ruganaj 33 MW PP(Summit)	Gas (SIPP, REB)	4x3.73	33	33	16	16	25	25						
23	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	25	41	42	42						
24	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	105	105	105	105						
25	Kodda 150MW PP	HFO (BPDG-RPCL)	9x17.06	149	149	0	150	150	150						
26	Katpott 52 MW PP (Sirha)	HFO (IPP)	7x7.90	51	51	0	0	0	0						
27	Kamalghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	35	35	35						
28	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	243	245	245						
29	Kodda 148 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	127	132	132	132						
30	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300						
31	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100						
32	Aurash 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100						
33	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	17	55	55	55						
34	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	55	55						
35	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0						
36	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	41	78	90	90						
37	Manikganj 162MW PP(MPLG)	HFO (IPP)	9x18	162	162	34	162	162	162						
38	Manikganj 35MW Solar PP (Inspectra)	Solar (IPP)	1x35	35	35	33	0	30	0						
Dhaka Zone Total				6076	5919	2549	3319	3713	4018	341	1161				
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	22	30	30	30	200			Low Water Level		
40	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0		180		Under maint.		
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180		Under maint.		
41	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	2	0	5	0	0						
42	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	17	17	17	17						
43	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	17	0	20	0						
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	19	19	43	43						
45	Sikalbaha 105 MW PP (Baraka Sikab)	HFO (IPP)	6x18.415	105	105	89	105	105	105						
46	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	110	110	110	110						
47	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	141	131	150	150		94		ST Under maint.		
48	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.94	300	300	0	0	300	300						
49	Juddah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	92	100	100	100						
50	Juddah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	100	100	100	100						
51	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	85	85						
52	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0						
53	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22						
	* Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	34	10	30						
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	32	97	97	97						
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54						
56	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	85	110	110						
57	Juddah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	50	100	100	100						
58	Chattogram 116 MW PP (Anilma Ener)	HFO (IPP)	6x21.06	116	116	100	116	116	116						
Chattogram Zone Total				2442	2382	869	1186	1574	1569	200	454				
59	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	120	80	80	80	54			Gas Shortage		
60	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	26	26	26	26						
61	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1775	221	221	204	213	215	215						
62	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	305	275	330	330						
63	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	345	270	330	330						
64	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	50	35	55	55						
65	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20'9.73+1'16	195	195	36	8	45	45	187			Gas shortage		
66	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51						
67	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	150	150	150						
68	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50						
69	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	91	86	90	90	77			Gas Shortage		
70	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	120	120	120	120						
71	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	16	22	22						
72	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11						
73	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33						
74	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	43	52	52						
75	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	20	20	20						
76	Daukdand 200 MW PP (B.Trac)	HSD (IPP)	86'1.4+86'1.515+15x1.058	200	200	0	0	100	200						
77	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	0	114	114	114						
78	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	107	120	113	113						
79	Bharob 54 MW PP	HFO (IPP)	3x18.2	54	54	23	35	35	35						
**	Impoort (Tripura)	India		160	160	134	158	157	191						
Cumilla Zone Total				3094	3034	1726	1861	2149	2333	582	0				
80	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	196	182	200	200						
81	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19						
82	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	63	62	65	65						
83	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	65	115	115	115						
84	Myensinghan 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	137	200	200						
85	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	2	0	1.6	0						
86	Sutakhalai 50 MW Solar PP	Solar (IPP)	1x50	50	50	52	0</								

No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.05.21 (Yesterday)		20.05.21 (Today)		19.05.21 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date		
												Day	Evening
88	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	0	42	43	43		28	Under maint.	
89	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	22	22	22	22		68	Under maint.	
90	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
91	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
92	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
93	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	40	51	51				
94	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	323	326	330	330				
95	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	69	75	75	75				
96	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	140	140	150	150				
97	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	17	17	18	18				
98	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	5	7	7	7				
99	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	16	16				
100	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	0	250	341		341	Under maint.	
101	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	359	367	400	400				
102	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	385	400	400	400				
103	Shahjibazar 100 MW GTTP	Gas (PDB)	1x100	100	100	0	0	0	0				
Sylhet Zone Total						2422	2377	1594	1679	1987	2078	0	437
104	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
105	Bheramara 410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	395	400	350	350				
106	Fandpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	4	20	20				
107	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	60	60				
108	Khulna 225 MW CCPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	220				
109	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	83	99	99	99				
110	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	50	100				
111	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	32	32	32				
112	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	105	90	90				
113	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	15	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	848	847	932	932				
Khulna Zone Total						2288	2284	1341	1587	1733	2003	0	0
114	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	110	110	110				
115	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	26	34	33	33				
116	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	84	88	88	88		106	GT-2 & STG Under maint.	
117	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	90	95	95	95				
118	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	470	580	622	622				
119	Potukhalhi 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	17	0	80				
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				0	0	0	0				
Barishal Zone Total						1826	1826	686	924	948	1028	0	106
120	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0		71	Gas Shortage	
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Gas Shortage	
121	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50				
122	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
123	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	45	40	40				
124	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	42	42	42				
125	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	97	100	100				
126	Katakhalhi 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	16	30	30				
127	Katakhalhi 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	24	43	43				
128	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	28	0	32				
129	Siragony 225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	133	88	140	140		62	Gas Shortage	
130	Siragony 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150+1x75	220	220	166	173	200	200				
131	Siragony 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	197	187	200	200				
132	Siragony 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	341	363	400	400				
133	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	17	18	18	18				
134	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
135	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	43	43	52	52				
136	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	113	113	113				
137	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	112	113	113				
138	Siragony 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	3	0	0	0				
Rajshahi Zone Total						2179	2179	908	1410	1752	1784	233	0
139	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	Coal Shortage	
140	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150		124	Coal Shortage	
141	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
142	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	37	113	113	113				
143	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
144	Majpara, Tutula 8 MW Solar PP (Sypsa Power)	Solar (IPP)	1 x 8	8	8	7	0	8	0				
Rangpur Zone Total						685	605	194	263	271	283	294	0
Sub-total: Plants in operation						21729	21315	10283.0	12768	14800	15717	1650	2158
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss								9712	12059	13978	14844		
(B) Plants under long term maintenance/ contract expired													
145	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	0	0	0	0	0			Contract Expired on 08/01/2021	
146	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0				
147	Fenchuganj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	0	0	0	0	0			Contract Expired on 14/02/2021	
148	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	0	0	0	0	0			Contract Expired on 04/01/2020	
149	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		
Gross Total						22023	21315	10283	12768	14800	15717	1650	2158
(C) Actual data of 19.05.21 (Yesterday) Wednesday :													
01.	Max. Demand at eve. peak (Generation end)	:	12768.00	MW,	at =	21:00 hrs							
02.	Max. Demand at eve. peak (Sub-station end)	:	12059.00	MW,	at =	21:00 hrs							
03.	Highest Generation (Generation end)	:	12865.00	MW,	at =	23:00 hrs							
04.	Minimum Generation (Generation end)	:	8781.00	MW,	at =	8:00 hrs							
05.	Day-peak Generation (Generation end)	:	10283.00	MW,	at =	12:00 hrs							
06.	Evening-peak Generation (Generation end)	:	12768.00	MW,	at =	21:00 hrs							
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	21:00 hrs							
08.	Minimum Generation Forecast up to 8:00 hrs.	:	9867.00	MW,	at =	5:00 hrs							
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	:	1156	MW									
	d) Coal supply Limitation	:	294	MW									
	b) Low water level in Kaptai lake	:	200	MW									
	c) Plants under shut down/ maintenance	:	2158	MW									
10.	Total Energy (Generation + India Import)	:	259.05	MKWh									
	By Gas =	152.843	MKWh		By Oil =	64.327	MKWh						
	By Coal =	17.228	MKWh		By Hydro =	0.525	MKWh						
	By Solar =	0.784	MKWh										
11.	Total Gas Supplied	:	1285.47	MMCFD									
(D) Forecast of 20.05.21 (Today) Thursday :													
01.	Maximum Demand	:	13200	MW	(Generation end)								
02.	Maximum Generation	:	15717	MW	(Generation end)								
03.	Maximum Shortage	:	-2517	MW	(Generation end)								
04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)								
05.	Total Generation	:	265.80	MKWh									
06.	Probable Max. Temperature in Dhaka :	:	39.7°	C									

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation