

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2021		Day : Sunday				Date : 09.05.21							
Probable Maximum Demand :		13000 MW		Probable Maximum Generation :		15780 MW							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 76.00 ft		Today = 75.98 ft		Rule Curve = 80.48 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.05.21 (Yesterday)		09.05.21 (Today)		08.05.21 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)		Probable Peak Generation (MW)						
					Day	Evening	Day	Evening					
(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	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	100	100	100	100				
4	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	CB Problem		
5	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20	Under Maint		
6	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	202	180	250	250	180	Gas Shortage		
7	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	270	270	280	280	180	Gas Shortage		
8	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under Overhauling		
9	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	217	383	360	412	29	Dirty in gas		
10	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	180	155	120	150	55	Gas Shortage		
11	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	214	217	220	220	118	ST under maint.		
12	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	2	100	100	100				
13	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	260	235	240	240	70	dirty in gas		
14	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100				
15	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	30	55	55	55				
16	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	100	100	100				
17	Gagnagar 102 MW PP (Digital Powe	HFO (IPP)	12x8.924	102	102	16	72	102	102				
18	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22				
19	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	49	52	53	53				
20	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	25	33	33				
21	Ruganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33				
22	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	42	52	52				
23	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	90	90	105	105				
24	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	48	150	150				
25	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0				
26	Kamalghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	35	35	35				
27	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	88	245	250	250				
28	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	133	132	149	149				
29	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x11.4	300	300	0	0	100	300				
30	Bramhangsan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x 959	100	100	0	0	100	100				
31	Aurghat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x 959	100	100	0	0	0	100				
32	Nababganj 55 MW PP (Southern po	HFO (IPP)	3x18.3	55	55	35	55	55	55				
33	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x18.3	55	55	0	35	55	55				
34	Bosila 108MW PP(ELC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0				
35	Meghnaghat 104 MW PP (QPSL)	HFO (IPP)	8x18.5	104	104	0	94	90	90				
36	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	162	162	162				
37	Manikganj 35MW Solar PP (Inspect	Solar (IPP)	1x35	35	35	17	0	30	0				
Dhaka Zone Total				6026	5829	2180	3019	3681	4033	514	1073		
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	22	20	22	22	210		Low Water Level	
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	80	90	80	80				
	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	5	0	5	0				
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	4	17	17	17				
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	20	0	20	0				
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	18	50	43	43				
44	Sikalbaha 105 MW PP (Baraka Silka	HFO (IPP)	6x18.415	105	105	91	105	90	90				
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	140	135	130	130				
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	204	215	225	225				
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	0	300	300				
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	0	0				
49	Juldah 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	0	68	68	68				
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0				
52	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
*	Malanoha, Ctg EPZ (United)	Gas	5x8.73+3x3.34			4	26	15	20				
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	91	90	90				
54	Sikalbaha 54 MW Power Plant(Jodiae Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54				
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	4	17	110	110				
56	Juldah 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	58	116	116	116				
Chattogram Zone Total				2442	2382	926	1226	1607	1587	210	180		
58	a) Ashuganj TPP Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135	Gas Shortage		
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	129	Gas Shortage		
	c) Ashuganj TPP Unit-5	Gas (APSCL)	1 x 150	150	134	80	80	80	80	54	Gas Shortage		
59	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	26	26	26	26				
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+175	221	221	212	189	220	220				
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	265	305	330	330				
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	280	335	330	330				
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	54	56	55	55				
64	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8	187	Gas shortage		
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	10	51	51	51				
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	150	150	150				
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	0				
68	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	127	133	130	130	30	Gas Shortage		
69	Chandpur 200MW (Dash energy)	HFO (IPP)	12x18.415	200	200	100	161	160	160				
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22				
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11				
72	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33				
73	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	3	52	52	52				
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	19	20	20				
75	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	46x1.4+40x 375+15x1398	200	200	0	0	100	200				
76	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	52	114	114				
77	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	17	113	113	113				
78	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	18	36	36	36				
**	Imposnt (Tripura)	India		160	160	110	158	157	188				
Cumilla Zone Total				3094	3034	1379	1968	2198	2379	535	0		
79	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	146	133	160	160	69	Gas Shortage		
80	Tangali 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	14	19	19				
81	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	65	73	74	74				
82	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	115	115	115				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	08.05.21 (Yesterday)		09.05.21 (Today)		08.05.21 (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 CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	44	43	43		26	Under maint.	
88	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	42	42	42	42		48	Under maint.	
89	Fenchugonj 51 MW PP (Barakattula)	Gas (RPP)	19x2.90	51	51	5	53	51	51				
90	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
91	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
92	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	31	31	32	32				
93	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	250	271	275	275				
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	3x2.90	86	86	75	78	76	78				
95	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	122	223	225	225				
96	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	18	18	18				
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	7	10	10				
98	Shahjahanula 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	16	16	16				
99	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	295	341	341				
100	Bibyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	366	400	400	400				
101	Bibyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	350	380	400	400				
102	Shahjibazar 100 MW GTTP	Gas (PDB)	1x100	100	100	0	0	0	0				
Sylhet Zone Total						2422	2377	1762	2032	2103	2105	0	74
103	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
104	Bheramara 410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	355	240	350	350	170		Gas Shortage	
105	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	4	5	20	20				
106	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	60	60				
107	Khulna 225 MW CCPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	220				
108	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	83	85	99	99				
109	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	74	50	100				
110	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	32	32	33				
111	Rupsha 105 MW PP (Oron rupsha)	HFO (IPP)	6x18.445	105	105	0	105	105	105				
112	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	836	835	857	857				
Khulna Zone Total						2288	2284	1278	1376	1673	1944	170	0
113	Barsal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	64	110	110				
114	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	16	33	35	35				
115	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x98	194	194	62	65	65	65	129		Gas Shortage	
116	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	96	97	95	95				
117	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	400	550	622	622				
118	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	17	80	80				
	Bhola Nutan Biddut BD LTD	Gas/HSD				0	77	0	0				
Barishal Zone Total						1826	1826	574	903	1007	1007	0	129
119	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	
120	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50				
121	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
122	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	40	40				
123	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	0	42	42	42				
124	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	100	100	100				
125	Katakhalai 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	29	29				
126	Katakhalai 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	43	43				
127	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	41	0	32				
128	Sirajgonj 225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	110	80	130	130	70		Gas Shortage	
129	Sirajgonj 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150+1x75	220	220	170	170	200	200	50		Gas Shortage	
130	Sirajgonj 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	201	180	200	200				
131	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	406	406	400	400				
132	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	18	22	22				
133	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
134	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	16	52	52	52				
135	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	113	113	113				
136	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	113	113	113				
Rajshahi Zone Total						2173	2173	929	1406	1745	1777	291	0
137	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	74	70	75	75	15		Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
138	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150	124		Coal Shortage	
139	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
140	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2'3	113	113	0	107	113	113				
141	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
142	Majpara, Tahula 8 MW Solar PP (Sympa Po)	Solar (IPP)	1 x 8	8	8	6	0	8	0				
Rangpur Zone Total						685	605	230	327	346	358	224	0
Sub-total: Plants in operation						21673	21219	9510.0	12734	15002	15780	2013	1456
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9069	12144	14307	15049				
(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	Bogra 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	9510	12734	15002	15780	2013	1456
(C) Actual data of 08.05.21 (Yesterday) Saturday :													
01.	Max. Demand at eve. peak (Generation end)	: 12734.00 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)	: 12144.00 MW, at = 21:00 hrs		Zone		Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	: 12734.00 MW, at = 21:00 hrs		Dhaka		4349	4349	0	Mymensingh	979	979	0	
04.	Minimum Generation (Generation end)	: 8185.00 MW, at = 7:00 hrs		Chattoogram		1353	1353	0	Sylhet	486	486	0	
05.	Day-peak Generation (Generation end)	: 9510.00 MW, at = 12:00 hrs		Khulna		1594	1594	0	Barishal	355	355	0	
06.	Evening-peak Generation (Generation end)	: 12734.00 MW, at = 21:00 hrs		Rajshahi		1164	1164	0	Rangpur	620	620	0	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00 hrs		Cumilla		1244	1244	0					
08.	Minimum Generation Forecast up to 8:00 hrs.	: 8936.00 MW, at = 5:00 hrs											
09.	Generation shortfall at evening peak due to :												
	a) Gas limitation	: 1579 MW		13.		Fuel cost :		(a) Gas = 169274835 Taka		(c) Coal = 84884828 Taka			
	d) Coal supply Limitation	: 224 MW				(b) Oil = 369605890 Taka				Total = 623765553 Taka			
	b) Low water level in Kaptai lake	: 210 MW											
	c) Plants under shut down/ maintenance	: 1456 MW											
10.	Total Energy (Generation + India Import)	: 250.56 MKWh											
	By Gas = 156.137 MKWh	By Oil = 52.235 MKWh											
	By Coal = 17.820 MKWh	By Hydro = 0.442 MKWh											
	By Solar = 0.708 MKWh												
11.	Total Gas Supplied	: 1290.42 MMCFD											
(D) Forecast of 09.05.21 (Today) Sunday :													
01.	Maximum Demand	: 13000 MW (Generation end)		04.		Maximum Load-shed		: 0 MW		At evening peak (Sub-station end)			
02.	Maximum Generation	: 15780 MW (Generation end)		05.		Total Generation		: 255.79 MKWh					
03.	Maximum Shortage	: -2780 MW (Generation end)		06.		Probable Max. Temperature in Dhaka		: 35.5° C					

* Captive Power ** Imported Power

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

(Faouzul Islam Shaker)
Deputy Secretary, Generation