



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2020					Day : Saturday					Date : 23.05.20					
Probable Maximum Demand : 10000 MW				Probable Maximum Generation : 14505 MW											
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 75.12 ft				Today = 75.22 ft				Rule Curve = 77.80 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	22.05.20 (Yesterday)		23.05.20 (Today)		22.05.20 (Yesterday)		23.05.20 (Today)		22.05.20 (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)					
(A) Plants in operation:															
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	0	0	0					85	Under maint.
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0					170	Under maint.
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	120	220	220	220						
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0					190	Under maint.
2	Ghorasal 365 MW CCGP 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	13	104	108	108						
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	50	70	78	78			8			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)	2 x 32	64	40	0	0	0	0			40			Gas Shortage
7	Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	347	351	360	360						
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	340	420	450	450						
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0					115	Under Overhauling
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	351	337	412	412						
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	150	150	200	200			60			Gas Shortage
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0					335	Under maint.
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	60	100	100						
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	135	135	300	300						
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	75	100	100						
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	15	79	100	100						
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55						
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100						
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	0	50	102	102						
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIPP, REB)	8x2.90	22	22	19	19	22	22						
21	Summit Power (Madhabdi-Asulia)	Gas (SIIPP, REB)	6x3.67+7x6.73	80	80	33	43	48	49						
22	Maona 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	25	25	25	33						
23	Ruganj 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	24	20	30	33						
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52						
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	100	100						
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149						
27	Katpohi 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	48	48						
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	17	54	54						
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	180	100	300						
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	31	149	149	149						
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	26x1.4	300	300	0	0	100	300						
32	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100						
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100						
34	Nabaganj 55 MW PP (Southern pc	HFO (IPP)	3x19.3	55	55	0	17	55	55						
35	Manikganj 55 MW PP (Northern	HFO (IPP)	3x19.3	55	55	0	0	55	55						
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0						
Dhaka Zone Total				6047	5811	1653	2521	3672	4284			213	1260		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	31	31	30	30			199			Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	90	90						
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0				180		Under maint.
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	6	0	5	0						
40	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25						
41	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	17.3	0	20	0						
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	19	50	50						
43	Sikalbaha 105 MW PP (Baraka Siki)	HFO (IPP)	6x18.415	105	105	0	0	100	100						
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	145	139	150	150						
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	225	225						
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	51	308	230	230						
47	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	100	100	100						
48	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	40	50	100	100						
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	100	100						
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0						
51	Barakunda 22 MW PP (Regent)	Gas (SIIPP, PDB)	8x2.90	22	22	18	21	22	22						
*	Melanha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			34	42	30	42						
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	100	100						
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54						
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110						
	Juldah unit-2	HFO (IPP)				100	100	100	100						
Chattogram Zone Total				2226	2166	532.3	976	1581	1628			199	180		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	80	100	100						
	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	0	0	0	0				134		Gas Shortage
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	10	42	42	42						
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	192	214	225	225						
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	245	260	350	350						
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	315	280	360	360						
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	50	10	50						
61	nsnuganj 190MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	26	8	55	55						
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	10	43	50	51						
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	150	150						
64	Titaz 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50						
65	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	0	0	0	0				163		Under maint.
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	100	200						
67	Feni 22MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	20	21	22	22						
68	Feni 11 MW PP (Doreen)	Gas (SIIPP, REB)	4x2.90	11	11	8	10	11	11						
69	Jangalia 33MW PP (Summit)	Gas (SIIPP, PDB)	4x8.73	33	33	33	33	33	33						
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	52	52	52						
71	Cumilla 25 MW PP (Summit)	Gas (SIIPP, REB)	3x3.67+2x6.97	25	25	14	20	20	20						
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200						
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	17	114	114						
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	35	113	113	113						
**	Impoort (Tripura)	India		160	160	114	174	154	172.6						
Cumilla Zone Total				3040	2980	1107									

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.05.20 (Yesterday)		23.05.20 (Today)		22.05.20 (Yesterday) Gen. shortfall for :		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	Day	Evening					
81	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	87	87	88	88				
82	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30	60	GT-4 Under maint.		
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	5	53	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	50	44	44				
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	34	59	30	30				
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	193	203	210	210	127	ST under maint.		
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	10	77	80	80				
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	150	146	150	150				
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	20				
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
94	Shahjahanula 25 MW PP	Gas (CIIP, REB)	3x3.34	25	25	8	16	24	24				
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	295	285	310	310				
96	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400	Under maint.		
Sylhet Zone Total				1944	1899	1019	1208	1219	1221	0	587		
97	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	45				
98	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	335	335	340	410				
99	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	37				
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70				
101	Khulina 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
102	Khulina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	99	99	99				
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	90	100				
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40				
105	Rupsha 105 MW PP (Orton rupsha)	HFO (IPP)	6x18.445	105	105	0	0	100	105				
106	Madhurmati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	105	100	105				
**	Bheramara (HVDC)	India		1000	1000	545	836	621	848				
Khulina Zone Total				2328	2314	880	1375	1420	2084	0	0		
107	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	50	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	19	34	30	33				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	60	60	60	60	134	GT2 shutdown		
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	53	91	95	95				
Payra 1320 MW						0	0	0	0				
Barishal Zone Total				472	462	132	295	235	328	0	134		
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	50	40	0	31			Gas Shortage	
113	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	70	50	0	50			Gas Shortage	
114	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	34				
115	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
116	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	70				
117	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	18	50	50				
118	Chapaiwaganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	50	100				
119	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	46	46				
120	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	42	42				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	34				
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+ 1x75	220	220	28	176	200	200	44		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	58	181	210	210	39		Gas Shortage	
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	306	413	410	410				
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	3	19	20	21				
127	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	3	10	10	10				
128	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11				
129	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	40	40				
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	35	113	113				
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	113	113				
Rajshahi Zone Total				2193	2183	518	953	1515	1704	374	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage	
132	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage	
133	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150				
134	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	20				
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	40	113	113				
136	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	20				
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	0.8	0.8	0	0				
Rangpur Zone Total				685	605	151	190	271	303	170	0		
Sub-total: Plants in operation				19580	19057	6143.1	9308	12426	14505	1219	2324		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss													
(B) Contract expired power plants													
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance				50	50	0	0	0	0				
Gross Total				19630	19107	6143.1	9308	12426	14505	1219	2324		

Sl. No.	Actual data of	22.05.20 (Yesterday)	Friday	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	
01.	Max. Demand (Generation end)	: 9308.00	MW, at = 21:00 hrs	Dhaka	2942	2942	0	Mymensingh	823	823	0	
02.	Max. Demand (Sub-station end)	: 8933.00	MW, at = 21:00 hrs	Chattogram	1052	1052	0	Sylhet	408	408	0	
03.	Highest Generation (Generation end)	: 9398.00	MW, at = 22:00 hrs	Khulina	891	891	0	Barishal	288	288	0	
04.	Minimum Generation (Generation end)	: 5502.70	MW, at = 7:00 hrs	Rajshahi	949	949	0	Rangpur	425	425	0	
05.	Day-peak Generation (Generation end)	: 6143.10	MW, at = 12:00 hrs	Cumilla	1115	1115	0	Total	8893	8893	0	
06.	Evening-peak Generation (Generation end)	: 9308.00	MW, at = 21:00 hrs					(a) Gas = 147991440 Taka	(c) Coal = 19812810 Taka		Taka	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00	MW, at = 21:00 hrs					(b) Oil = 176654097 Taka	Total = 344458348 Taka		Taka	
08.	Actual Minimum Generation up to 8:00 hrs.	: 6833.60	MW, at = 5:00 hrs									
09.	Generation shortfall at evening peak due to :	:	:									
a)	Gas limitation	: 850	MW									
d)	Coal supply Limitation	: 170	MW									
b)	Low water level in Kapit lake	: 199	MW									
c)	Plants under shut down/ maintenance	: 2324	MW									
10.	Total Energy (Generation + India Import)	: 170.36	MKWh									
	By Gas = 124.490	MKWh	By Oil = 25.025									
	By Coal = 3.656	MKWh	By Hydro = 0.699									
	By Solar= 0.141	MKWh										
11.	Total Gas Supplied	: 1112.18	MKWh									
(D) Forecast of 23.05.20 (Today) Saturday :												
01.	Maximum Demand	: 10000	MW (Generation end)									
02.	Maximum Generation	: 14505	MW (Generation end)									
03.	Maximum Shortage	: -4505	MW (Generation end)									
04.	Maximum Load-shed	: 0	MW At evening peak (Sub-station end)									
05.	Total Generation	: 181.28	MKWh									
06.	Probable Max. Temperature in Dhaka :	: 37.5° C										

* Captive Power ** Imported Power

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Fazoul Islam Shaker)
Deputy Secretary, Generation