



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month May, 2020		Day : Monday					Date : 11.05.20				
Probable Maximum Demand :			10600 MW		Probable Maximum Generation :			15922 MW			
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 77.50 ft		Today = 76.95 ft		Rule Curve = 80.10 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.05.20 (Yesterday)		11.05.20 (Today)		10.05.20 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		
					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	180	220	150	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	103	109	108	108		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	64	71	78	78	7	Gas Shortage
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage
6	Haripur GTTP	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	326	300	360	360		
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	350	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	335	326	360	412		
11	Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	97	140	150	200	70	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	85	100	100		
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	135	130	150	150		
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	100	100	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	92	90	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	40	100	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	0	102	102		
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	16	19	22	22		
21	Summit Power, (Madhabdi-Asulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	47	50	47	50		
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	14	33	33		
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	27	29	30	30		
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	Katpoti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50		
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	53	53	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	16x17.076	300	300	270	300	100	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	146	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	26x1.4	300	300	0	0	0	300		
32	Bramhangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100		
33	Auraha 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	55	35	55	55		
36	Bosila 108MW PP(ELC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0		
Dhaka Zone Total				6047	5811	2432	2749	3259	4134	222	1260
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	76	73	40	40	157	Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	90	100	100		
	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	5.1	0	5	0		
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25		
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	11	26	50	50		
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	0	0	105	105		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	142	138	150	150		
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	212	218	225	225		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	180	216	230	300		
47	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	20	100	100		
48	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	100	100	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 (SIIP, PDB)	8x2.90	22	22	20	21	22	22		
	* Melancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	42	20	40		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	72	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	943.1	1192	1596	1721	157	180
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	100	135	135	135		
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	100	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	39	42	41	42		
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1775	221	221	197	180	225	225		
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	70	150	200	360		
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	325	0	360	360		
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	10	33	52	52		
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20'9.73+1'116	195	195	135	0	158	158		
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	0	51	51		
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	135	0	100	150		
64	Titas 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	0	200		
67	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	6	21	22	22		
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	10	11	11		
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33		
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	50		
71	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	20	20	20	21		
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	114	114	114		
74	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	55	113	113	113		
**	Impoort (Tripura)	India		160	160	114	168	116	141		
Cumilla Zone Total				3040	2980	1398	1019	1751	2488	263	163
75	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	183	154	160	210		
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	17	0	20	20		
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	24	95	95		
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	32	115	115	115		
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	115	125	200	200		
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	1.6	0		
Mymensingh Zone Total				645	637	349.2	418	591.6	640	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.05.20 (Yesterday)		11.05.20 (Today)		10.05.20 (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 CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	85	86	87	87							
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	29	29	30	30		61	GT-4 Under maint.				
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	47	53	51	51							
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	48	47	44	44							
85	Kushiana 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	110	130	163	163							
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11							
87	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	57	60	66	66							
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	196	193	220	244		137	ST under maint.				
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	78	78	80	80							
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	150	150	150	150							
91	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	19	18	20	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 (CIPP, REB)	3x3.34	25	25	24	24	24	24							
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	270	341	341							
96	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.				
Sylhet Zone Total				1944	1899	1174	1159	1297	1321	0	598					
97	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40							
98	Bheramara 410 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	335	330	410	410							
99	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	50	50	0	0	0	37							
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	100	100	0	0	30	70							
101	Khulna 225 MW CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225							
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	49	83	115	115							
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	87	50	100							
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40							
105	Rupshah 105 MW PP (Orton rupshah)	HFO (IPP)	6x18.445	105	105	0	70	90	105							
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105							
**	Bheramara (HVDC)	India		1000	1000	504	941	765	961							
Khulna Zone Total				2328	2314	888	1551	1550	2208	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	80	50	110							
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	21	33	30	30							
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	60	82	60	60		112	GT2 shutdown				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	83	96	89	95							
Payra 1320 MW						598	657	563	660							
Barisal Zone Total				472	462	762	948	792	985	0	112					
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	65	70	70	70	1		Gas Shortage				
112	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	70	70	70	70	30		Gas Shortage				
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	50	50	52	52	0	50							
114	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200							
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45							
116	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	50	50	50	50							
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	80	100							
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	46							
119	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	42	42							
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	35							
121	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	140	148	200	220	62		Gas Shortage				
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	196	173	200	220	47		Gas Shortage				
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	204	181	210	210	39		Gas Shortage				
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	0	0	410	414		414	Under maint. 115/2020				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	15	16	17	17							
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	8	11	11							
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11							
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	25	40	43							
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6'18.55	113	113	109	109	113	113							
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	50	113	113							
Rajshahi Zone Total				2193	2183	868	911	1877	2080	179	414					
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage				
131	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage				
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	149	150	200	200							
133	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17							
134	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7'16x 2'3	113	113	0	113	113	113							
135	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	15							
136	Majpara, Tatalia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	7.9	0	8	0							
Rangpur Zone Total				685	605	157	263	321	345	170	0					
Sub-total: Plants in operation				19580	19057	8971.2	10210	13035	15922	991	2727					
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss																
Total Available Power													8578	9763	12464	15225
(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	8971.2	10210	13035	15922	991	2727					
(C) Actual data of 10.05.20 (Yesterday) Sunday :																
01.	Max. Demand (Generation end)	:	10210.00 MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :											
02.	Max. Demand (Sub-station end)	:	9763.00 MW, at = 21:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW					
03.	Highest Generation (Generation end)	:	10210.00 MW, at = 21:00 hrs	Dhaka	2979	2979	0	Mymensingh	765	765	0					
04.	Minimum Generation (Generation end)	:	7422.60 MW, at = 7:00 hrs	Chattogram	1057	1057	0	Sylhet	481	481	0					
05.	Day-peak Generation (Generation end)	:	8971.20 MW, at = 12:00 hrs	Khulna	1302	1302	0	Barisal	354	354	0					
06.	Evening-peak Generation (Generation end)	:	10210.00 MW, at = 21:00 hrs	Rajshahi	960	960	0	Rangpur	756	756	0					
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 21:00 hrs	Cumilla	1109	1109	0									
08.	Actual Minimum Generation up to 8:00 hrs.	:	6804.50 MW, at = 5:00 hrs					Total	9763	9763	0					
09.	Generation shortfall at evening peak due to :	:						a) Gas =	167628526 Taka	c) Coal =	83799617 Taka					
a)	Gas limitation	:	664 MW					b) Oil =	278162018 Taka	Total =	529590160 Taka					
d)	Coal supply Limitation	:	170 MW													
b)	Low water level in Kapitai lake	:	157 MW													
c)	Plants under shut down/ maintenance	:	2727 MW					14.	Maximum Temperature in Dhaka was :		35.9° C					
10.	Total Energy (Generation + India Import)	:	214.81 MKWh	15.	Export through East-West interconnections :											
	By Gas =	135.809 MKWh	By Oil =					At evening peak-hour		-10 MW, at	21:00 hrs PM					
	By Coal =	18.227 MKWh	By Hydro =					Maximum		-50 MW, at	18:00 hrs					
	By Solar =	0.217 MKWh						Energy		0.1405 MKWh						
11.	Total Gas Supplied	:	1167.89 MMSCD													
(D) Forecast of 11.05.20 (Today) Monday :																
01.	Maximum Demand	:	10600 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)									
02.	Maximum Generation	:	15922 MW (Generation end)	05.	Total Generation	:	223.02 MKWh									
03.	Maximum Shortage	:	-5322 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :		39.5° C									

* Captive Power ** Imported Power

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

(Faouzl Islam Shaker)
Deputy Secretary, Generation