



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month May, 2020					Day : Friday				Date : 01.05.20			
Probable Maximum Demand : 8500 MW					Probable Maximum Generation : 15102 MW							
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 78.89 ft				Today = 78.84 ft			
					Rule Curve = 82.00 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	30.04.20 (Yesterday)		01.05.20 (Today)		30.04.20 (Yesterday)		01.05.20 (Today)	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
					Day	Evening	Day	Evening	Gas/Water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	24	24	24	24		61	Unit-1 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	0	0	0	0		180	Under maint.
	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	280	280	280	280			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	7	96	108	108			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78		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	354	334	310	360			
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	320	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	359	367	412	412			
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	120	180	200	200	30		Gas Shortage
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	222	0	217	217			
13	Siddhirganj 100 PP(Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	130	140	150	150			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	30	30	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	0	102	102			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	19	22	22			
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	39	45	35	35			
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	24	24	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	23	24	33	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	Katpott 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	0	0	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	100	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300			
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
33	Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
34	Nababganj 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	35	35			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
Dhaka Zone Total					6047	5811	1951	2000	3575	4325	253	716
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	36	34	40	40	196		Low Water Level
38	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.
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	2.9	0	5	0			
40	Raczan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19.6	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	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	0	0	0	0			
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	218	217	225	225		150	Under maint.
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	33	53	230	300			
47	Julda 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
48	Julda 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	0	40	100	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	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	22	22	22	22			
*	Melanha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			12	40	15	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			
	Julda unit-2	HFO (IPP)				100	100	100	100			
Chattogram Zone Total					2226	2166	543.5	657	1441	1573	196	330
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	120	100	135			
	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	5	42	40	40			
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	203	195	225	225			
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	300	280	360	360			
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	350	325	360	360			
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	10	10	20			
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	45	8	8			
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	5	51	51	51			
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	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	0	21	22	22			
68	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	0	11	11	11			
69	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	0	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	3	20	22	22			
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	0	114	114			
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	55	113	113			
**	Import (Tirupura)	India		160	160	76	114	116	141			
Cumilla Zone Total					3040	2980	1035	1322	1685	2305	263	163
75	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	202	196	210	210			
76	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	0	20	20	20			
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	0	95	95			
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	45	0	115	115			
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	155	170	170			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	1.6	0			
Mymensingh Zone Total					645	637	249.4	371	611.6	610	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.04.20 (Yesterday)		01.05.20 (Today)		30.04.20 (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)															
81	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	89	87	88	88																
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	Under maint.													
83	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	5	53	51	51																
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	51	44	44																
85	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	65	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		61	66	66																
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	193	190	220	220	140	Gas Shortage														
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	5	80	81	81																
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	150	151	100	150																
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	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	0	10	10	10																
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24																
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	320	341	341																
96	Bibiya-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400	Under maint.														
Sylhet Zone Total				1944	1899	897	1249	1249	1299	140	460														
97	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40																
98	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	365	345	410	410																
99	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35																
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70																
101	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225																
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	83	115	115																
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	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	90	105																
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	105																
**	Bheramara (HVDC)	India		1000	1000	295	840	295	839																
Khulna Zone Total				2328	2314	660	1268	1080	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	0	50	110																
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	4	26	20	20																
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	60	60	60	60																
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	41	64	89	95																
Payra 1320 MW						299	508	300	400																
Barisal Zone Total				472	462	404	658	519	715	0	0														
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	40	70	70	70	1	Gas Shortage														
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	70	50	70	30	Gas Shortage														
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	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	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	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 CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	150	180	210	210	30	Gas Shortage														
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220	Gas Shortage														
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	185	208	210	210	12	Gas Shortage														
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	412	420	410	410																
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	3	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	0	40	43																
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	0	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	809	983	1667	1846	293	0														
131	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														
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	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	0	113	113																
135	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	15																
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	7.9	0	8	0																
Rangpur Zone Total				685	605	158	150	321	345	170	0														
Sub-total: Plants in operation				19580	19057	6706.8	8658	12149	15102	1315	1669														
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						6253	8072	11326	14080																
(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	6706.8	8658	12149	15102	1315	1669														
(C) Actual data of 30.04.20 (Yesterday) Thursday :																									
01.	Max. Demand (Generation end)	:	8658.00	MW, at =	21:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :																		
02.	Max. Demand (Sub-station end)	:	8072.00	MW, at =	21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply													
03.	Highest Generation (Generation end)	:	8658.00	MW, at =	21:00 hrs	MW	MW	MW	MW	MW	MW	MW													
04.	Minimum Generation (Generation end)	:	5418.20	MW, at =	6:00 hrs	Dhaka	2448	2448	0	Mymensingh	770	770													
05.	Day-peak Generation (Generation end)	:	6706.80	MW, at =	12:00 hrs	Chattogram	814	814	0	Sylhet	383	383													
06.	Evening-peak Generation (Generation end)	:	8658.00	MW, at =	21:00 hrs	Khulna	1091	1091	0	Barisal	234	234													
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs P	Rajshahi	906	906	0	Rangpur	614	614													
08.	Actual Minimum Generation up to 8:00 hrs.	:	5029.70	MW, at =	5:00 hrs am	Cumilla	812	812	0																
09.	Generation shortfall at evening peak due to :	:				Total			8072	8072	0														
	a) Gas limitation	:	949	MW		13. Fuel cost :			(a) Gas = 234448945 Taka	(c) Coal = 57764264 Taka															
	d) Coal supply Limitation	:	170	MW					(b) Oil = 49095759 Taka	Total = 341308968 Taka															
	b) Low water level in Kapit lake	:	196	MW		14. Maximum Temperature in Dhaka was :			31.2° C																
	c) Plants under shut down/ maintenance	:	1669	MW		15. Export through East-West interconnections :																			
10.	Total Energy (Generation + India Import)	:	251.88	MKWh		At evening peak-hour			-44	MW, at	21:00 hrs PM														
	By Gas = 216.603 MKWh			By Oil = 9.512 MKWh		Maximum			-330	MW, at	3:00 hrs														
	By Coal = 12.289 MKWh			By Hydro = 0.809 MKWh		Energy			1.518	MKWh															
11.	Total Gas Supplied	:	1091.46	MMCFD																					
(D) Forecast of 01.05.20 (Today) Friday :																									
01.	Maximum Demand	:	8500	MW	(Generation end)	04.	Maximum Load-shed																		
02.	Maximum Generation	:	15102	MW	(Generation end)	05.	Total Generation																		
03.	Maximum Shortage	:	-6602	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :																		
						33.9° C																			
* Captive Power ** Imported Power																									
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00																									
(Faouzi Islam Shaker) Deputy Secretary, Generation																									