



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month April, 2020				Day : Friday				Date : 03.04.20			
Probable Maximum Demand : 9800 MW				Probable Maximum Generation : 15893 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 81.84 ft				Today = 81.50 ft			
				Rule Curve = 87.60 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Dered/ Present Capacity (MW)	02.04.20 (Yesterday)		03.04.20 (Today)		02.04.20 (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	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	200	100	150	200		
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Under maint. 30/05/2020
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	162	200	365	365		
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	105	0	50	50	108	Gas Shortage
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	342	300	360	360		
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	350	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	0	322	412	412		
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	180	79	100	100	131	Gas Shortage
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	202	145	220	220	190	ST under maint.
13	Siddhirganj 100 PP(Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	5	0	100	100		
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	125	120	150	150		
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	7	0	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	70	70	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 (SIIPP, REB)	8x2.90	22	22	19	0	22	22		
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIIPP, REB)	6x3.67+7x8.73	80	80	32	29	58	58		
22	Maona 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	30	15	33	33		
23	Rupganj 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	24	8	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	53	0	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	21	14	200	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	16	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	2037	1793	3828	4478	462	726
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	78	37	80	80	193	Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	90	100	100	90	Gas Shortage
	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	4.4	0	5	0		
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25		
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	16.76	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	32	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	100	104	145	145		
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	217	213	225	225		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	83	124	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	0	100	100		
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	85	80	100		
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		
51	Barabkunda 22 MW PP (Regent)	Gas (SIIPP, PDB)	8x2.90	22	22	20	21	22	22		
*	Melanha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			40	42	40	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	754.16	848	1631	1758	283	180
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	100	120	120	35	Gas Shortage
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	80	0	0	0		
	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	36	10	46	46		
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	195	188	225	225		
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	275	265	360	360		
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	310	285	360	360		
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5		
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	45	45		
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	5	51	51		
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	15	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	50	50	50	50		
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200		
67	Feni 22MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	21	21	22	22		
68	Feni 11 MW PP (Doreen)	Gas (SIIPP, REB)	4x2.90	11	11	8	11	11	11		
69	Jangalia 33MW PP (Summit)	Gas (SIIPP, PDB)	4x8.73	33	33	33	8	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 (SIIPP, REB)	3x3.67+2x6.97	25	25	21	0	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	0	114		
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	26	85	113	113		
**	Import (Tirupura)	India		160	160	124	12	116	131		
Cumilla Zone Total				3040	2980	1207	1053	1679	2358	169	0
75	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	200	209	210	210		
76	Tangail 22 MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	0	0	22	22		
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	66	64	95	95		
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	24	0	115	115		
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	115	125	124	124		
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	1.6	0		
Mymensingh Zone Total				645	637	407.3	398	567.6	566	0	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.04.20 (Yesterday)		03.04.20 (Today)		02.04.20 (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)	Description/ Remarks	Probable start-up date	
81	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	40	62	62					
82	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	10	43	43					
83	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	53	14	51	51					
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	51	10	44	44					
85	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	130	163	163					
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	0	11	11					
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	57	45	66	66					
88	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	298	291	300	300	39		Gas Shortage		
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	78	10	80	86					
90	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	100	80	150	150					
91	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	19	19	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	Shahjahanulla 25 MW PP	Gas (CIIPP, REB)	3x9.34	25	25	24	8	24	24					
95	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	120	300	341	341					
96	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.		
Sylhet Zone Total				1944	1899	1087	967	1365	1371	39	400			
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40					
98	Bheramara 410 MW CCPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	350	340	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 (NWPGLCL)	1 x 150+1x75	230	230	0	0	0	225					
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	49	115	115	115					
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	97	0	100					
104	Noapara 40 MW PP (Khanjahan Ali	HFO (QRPP)	5x8.5	40	40	0	32	40	40					
105	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	90	105					
106	Madhumati 100 MW PP	HFO (NWPGCL)	6x18.415	105	105	0	0	50	105					
**	Bheramara (HVDC)	India		1000	1000	344	930	356	948					
Khulna Zone Total				2328	2314	743	1514	1091	2193	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	16	70	110					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	18	28	20	23					
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	170	179	185	185					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	12	13	89	95					
Payra 1320 MW						332	401	350	450					
Barishal Zone Total				472	462	532	637	714	893	0	0			
112	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	65	30	60	60	41		Gas Shortage		
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	65	60	60	60	40		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	0	0					
117	Chapai nawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	50	100	80	100					
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	39	39	40	40					
119	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	8	40	40					
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36					
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGCL)	1x150+1x75	210	210	200	140	210	210					
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage		
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGCL)	1x141+1x79	220	220	210	170	210	210	50		Gas Shortage		
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	401	347	410	410					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	16	17	18	18					
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	11	11					
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	0	11	11					
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	8	34	52	52					
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	90	109	113	113					
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	112	113	113					
Rajshahi Zone Total				2193	2183	1165	1176	1628	1779	351	0			
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under maint.		
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	66	66	70	70		19	Shutdown for Low Demand		
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	270	250	280	280					
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	51	113	113	113					
135	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
136	Majpara, Tatula 8 MW Solar PP (Sympa	Solar (IPP)	1 x 8	8	8	7.1	0	8	0					
Rangpur Zone Total				685	605	394	429	471	497	0	104			
Sub-total: Plants in operation				19580	19057	8326.6	8815	12975	15893	1304	1410			
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						7812	8270	12172	14910					
(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	8326.6	8815	12975	15893	1304	1410			
(C) Actual data of 02.04.20 (Yesterday) Thursday :														
01.	Max. Demand (Generation end)	:	8815.00	MW,	at =	20:00 hrs P	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8270.00	MW,	at =	20:00 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	8854.90	MW,	at =	14:00 hrs	Dhaka	2214	2214	0	Mymensingh	682	682	0
04.	Minimum Generation (Generation end)	:	7285.80	MW,	at =	6:00 hrs	Chattogram	1055	1055	0	Sylhet	237	237	0
05.	Day-peak Generation (Generation end)	:	8326.56	MW,	at =	12:00 hrs	Khulna	1335	1335	0	Barishal	293	293	0
06.	Evening-peak Generation (Generation end)	:	8815.00	MW,	at =	20:00 hrs P	Rajshahi	1103	1103	0	Rangpur	723	723	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	20:00 hrs P	Cumilla	628	628	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	6632.40	MW,	at =	5:00 hrs am								
09.	Generation shortfall at evening peak due to :	:												
	a) Gas limitation	:	1111	MW			13.	Fuel cost :	(a) Gas = 163242187 Taka	(c) Coal = 83551135 Taka				
	d) Coal supply Limitation	:	0	MW					(b) Oil = 141237288 Taka	Total = 388030610 Taka				
	b) Low water level in Kaptai lake	:	193	MW										
	c) Plants under shut down/ maintenance	:	1410	MW										
10.	Total Energy (Generation + India Import)	:	192.49	MKWh			14.	Maximum Temperature in Dhaka was :	36.7° C					
	By Gas = 139.039 MKWh				By Oil = 20.711 MKWh		15.	Export through East-West interconnections :						
	By Coal = 16.960 MKWh				By Hydro = 1.429 MKWh			At evening peak-hour	:	24	MW,	at	20:00 hrs PM	
	By Solar= 0.212 MKWh							Maximum	:	-260	MW,	at	18:00 hrs	
11.	Total Gas Supplied	:	1164.07	MMCFD				Energy	:	1.038	MKWh			
(D) Forecast of 03.04.20 (Today) Friday :														
01.	Maximum Demand	:	9800	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	15893	MW	(Generation end)		05.	Total Generation	:	213.03	MKWh			
03.	Maximum Shortage	:	-6093	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	38.4° C				

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation