



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
 Tel : 9564667, 9551095

Month April, 2020				Day : Thursday				Date : 02.04.20					
Probable Maximum Demand : 10100 MW				Probable Maximum Generation : 15981 MW				Rule Curve = 87.80 ft.					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.04.20 (Yesterday)		02.04.20 (Today)		01.04.20 (Yesterday)		02.04.20 (Today)		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	
(A) Plants in operation:													
1	a) Ghorashal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	24	24	24	24			61	Unit-1 Under maint.
	b) Ghorashal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0			170	Under maint.
	c) Ghorashal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	150	220	180	220				
	d) Ghorashal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0			190	Under maint. 30/05/2020
2	Ghorashal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	280	240	365	365				
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	50	50			108	Gas Shortage
4	Ghorashal 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 CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	344	318	360	360				
8	Meghnaghat 450 MW CCPP(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 CCPP	Gas (EGCB)	1x273+1x139	412	412	360	0	412	412				
11	Siddhirganj 2120 MW GTPP	Gas (EGCB)	2 x 105	210	210	93	180	80	100			30	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	203	206	220	220			129	ST under maint.
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	50	100	100				
14	Meghnaghat CCPP(Summit)	Gas (IPP)	2x110+1x110	305	305	130	135	150	150				
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	93	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	25	98	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	Narshingdi 22 MW PP (Doreen)	Gas (SIIPP, REB)	8x2.90	22	22	0	19	22	22				
21	Summit Power (Madhabdi-Ashulia)	Gas (SIIPP, REB)	6x3.67+7x6.73	80	80	31	36	58	58				
22	Maona 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	24	24	33	33				
23	Rupganj 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	20	26	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 (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	53	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	16x17.076	300	300	0	170	200	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	149	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	26x1.4	300	300	0	0	0	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	55	35	35				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0				
Dhaka Zone Total				6047	5811	2104	2463	3838	4498	361	665		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	78	71	80	80			159	Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	100	100			80	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	4.9	0	5	0				
40	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25				
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	16.7	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	50	50				
43	Sikalbaha 105 MW PP (Baraka Siki)	HFO (IPP)	6x18.415	105	105	0	10	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	140	145	145				
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	219	217	225	225				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	180	230	300				
47	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
48	Juldah 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	91	80	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	20	20	22	22				
	* Melancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			42	40	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				
	Juldah unit-2	HFO (IPP)		0	100	100	100						
Chattogram Zone Total				2226	2166	619.6	1019	1631	1758	239	180		
55	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	100	100	100	120				
	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	45	46	46				
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1775	221	221	200	180	225	225				
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	290	265	360	360				
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	335	310	360	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	5	5	5				
61	nsnuganj 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	5	40	51	51				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	30	100	150				
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50				
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	51	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	8	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 (SIIPP, REB)	3x3.67+2x6.97	25	25	18	21	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	0	113	113	113				
**	Impoort (Tripura)	India		160	160	104	132	116	131				
Cumilla Zone Total				3040	2980	1192	1364	1659	2358	269	0		
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	199	206	210	210				
76	Tangail 22 MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	20	22	22	22				
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	16	50	95	95				
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	115	115	115				
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	124	115	124	200				
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	1.6	0				
Mymensingh Zone Total				645	637	361.3	508	567.6	642	0			

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.04.20 (Yesterday)		02.04.20 (Today)		01.04.20 (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	61	59	62	62					
82	Fenchugonj CCPP Phase-2	Gas	(PDB)	2x35+1x35	104	90	43	43	43	43					
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	110	163	163					
86	Hobiganj 11MW PP Confidence-E	Gas	(SIIP, REB)	4x2.90	11	11	0	11	11	11					
87	Shahjibazar GTTP Unit- 8 & 9	Gas	(PDB)	2x35	70	66	53	63	66	66					
88	Shahjibazar 330 MW CCPP	Gas	(PDB)	2x110+2x110	330	330	301	282	300	300	48		Gas Shortage		
89	Shahjibazar 86MW PP (Shahjibaza)	Gas	(RPP)	32x2.90	86	86	5	80	80	86					
90	Sylhet 150 MW CCPP	Gas	(PDB)	1x142	142	142	80	129	150	150					
91	Sylhet 20 MW GTTP	Gas	(PDB)	1 x 20	20	20	0	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	0	10	10	10					
94	Shahjahanulla 25 MW PP	Gas	(CIIP, REB)	3x3.34	25	25	0	24	24	24					
95	Bibiana-II 341 MW CCPP (Summit)	Gas	(IPP)	1x222+1x119	341	341	120	260	341	341					
96	Bibiyana-III 400 MW CCPP	Gas	(PDB)	1x285+1x115	400	400	0	0	0	0		400		Under maint.	
Sylhet Zone Total					1944	1899	836	1193	1365	1371	48	400			
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	355	330	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	115	115	115					
103	Noapara 100 MW PP (Bangla Trac)	HSD	(IPP)	70x1.4+7x1.515	100	100	0	50	0	100					
104	Noapara 40 MW PP (Khanjahan Ali)	HFO	(QRPP)	5x8.5	40	40	0	32	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	345	734	347	940					
Khulna Zone Total					2328	2314	700	1261	1082	2185	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	70	110					
109	Bhola 33 MW PP (Venture)	Gas	(RPP)	1x34.50	33	33	16	25	20	23					
110	Bhola 225 MW CCPP	Gas	(PDB)	2x63+1x68	194	194	177	162	185	185					
111	Bhola 95 MW PP (Aggreko)	Gas	(QRPP)	1.1x96	95	95	0	11	89	95					
Payra 1320 MW							302	452	350	450					
Barishal Zone Total					472	462	495	650	714	893	0	0			
112	a) Baghabari 71 MW GTTP	Gas	(PDB)	1 x 71	71	71	60	0	60	60	71		Gas Shortage		
	b) Baghabari 100 MW GTTP	Gas	(PDB)	1 x 100	100	100	60	65	60	60	35		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	Chapainawabganj 100 MW Peaking	HFO	(PDB)	12x8.924	104	104	42	100	80	100					
118	Katakali 50 MW Peaking PP	HFO	(PDB)	6x8.7	50	50	36	36	40	40					
119	Katakali 50 MW PP (Northern)	HFO	(QRPP)	6x8.9	50	50	0	0	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	(NWPGL)	1x150+1x75	210	210	180	214	210	210					
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	195	205	210	210	15		Gas Shortage		
124	Sirajgonj 400 MW CCPP Unit-4	Gas	(IPP)	1x282+1x132	414	414	407	380	410	410					
125	Bogra 22 MW PP (GBB)	Gas	(RPP)	6x4.0	22	22	15	18	18	18					
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	8	11	11	11					
128	Natore 52 MW PP (Rajlanka)	HFO	(IPP)	6x8.92	52	52	0	0	52	52					
129	Bagura 113 MW PP (Confidence) Unit-1	HFO	(IPP)	6*18.55	113	113	80	109	113	113					
130	Bagura 113 MW PP (Confidence) Unit-2	HFO	(IPP)	6x18.55	113	113	0	70	113	113					
Rajshahi Zone Total					2193	2183	1091	1216	1628	1779	341	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	67	66	70	70		19		Shutdown for Low Demand	
132	Barapukuria 275 MW TPP Unit-3	Coal	(PDB)	1 x 274	274	274	280	260	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	40	113	113	113					
135	Saidpur 20 MW GTTP	HSD	(PDB)	1 x 20	20	20	0	0	0	17					
136	Majpara, Tatulia 8 MW Solar PP (Sympha)	Solar	(IPP)	1 x 8	8	8	7.2	0	8	0					
Rangpur Zone Total					685	605	394	439	471	497	0	104			
Sub-total: Plants in operation					19580	19057	7793.1	10113	12956	15981	1258	1349			
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss								7319	9498	12168	15009				
(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	7793.1	10113	12956	15981	1258	1349			
(C) Actual data of 01.04.20 (Yesterday) Wednesday :															
01.	Max. Demand (Generation end)	:	10113.00 MW, at = 19:30 hrs P				12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	9498.00 MW, at = 19:30 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW				
03.	Highest Generation (Generation end)	:	10113.00 MW, at = 19:30 hrs P	Dhaka	2755	2755	0	Mymensingh	920	920	0				
04.	Minimum Generation (Generation end)	:	6763.10 MW, at = 6:00 hrs	Chattogram	985	985	0	Sylhet	352	352	0				
05.	Day-peak Generation (Generation end)	:	7793.10 MW, at = 12:00 hrs	Khulna	1310	1310	0	Barishal	270	270	0				
06.	Evening-peak Generation (Generation end)	:	10113.00 MW, at = 19:30 hrs P	Rajshahi	1171	1171	0	Rangpur	751	751	0				
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:30 hrs P	Cumilla	984	984	0	Total	9498	9498	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	7285.80 MW, at = 5:00 hrs am												
09.	Generation shortfall at evening peak due to :	:													
	a) Gas limitation	:	1099 MW												
	d) Coal supply Limitation	:	0 MW												
	b) Low water level in Kapitla lake	:	159 MW												
	c) Plants under shut down/ maintenance	:	1349 MW												
10.	Total Energy (Generation + India Import)	:	192.86 MKWh												
	By Gas = 143.713 MKWh		By Oil = 16.509 MKWh												
	By Coal = 16.468 MKWh		By Hydro = 1.787 MKWh												
	By Solar = 0.211 MKWh														
11.	Total Gas Supplied	:	1213.95 MMCFD												
(D) Forecast of 02.04.20 (Today) Thursday :															
01.	Maximum Demand	:	10100 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	15981 MW (Generation end)	05.	Total Generation	:	192.61 MKWh								
03.	Maximum Shortage	:	-5881 MW (Generation end)	06.	Probable Max. Temperature in Dhaka	:	35.5° C								

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation