

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel.: 9564667, 9551095

Month March, 2022		Day : Monday				Date : 07.03.22							
Probable Maximum Demand :		11500 MW				Probable Maximum Generation : 13494 MW							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 89.81 ft		Today = 89.66 ft		Rule Curve = 92.04 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.03.22 (Yesterday)		07.03.22 (Today)		06.03.22 (Yesterday)		Status of Machines under shut-down/ Maintenance		
					Actual Generation (MW)	Probable Peak Generation (MW)	Actual Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :				
						Day		Evening		Gas/water/Coal limitation MW	Machines shut down (MW)	Description/Remarks	Probable start-up date
(A) Plants in operation:													
1	Ghorasal Repowered CCGP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0		260	Under project work	
2	a) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	240		Gas Shortage	
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190		Gas Shortage	
3	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	340	340	340	340				
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	45	97	108	108				
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0		105	Under maint.	
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20		Gas Shortage	
7	Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	0	0	0	0		360	Under maint.	
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	300	300	300	300	150		Dirty in gas	
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0			Under Overhauling	
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0		412	Under maint.	
11	Siddhirganj 2120 MW GTPP	Gas (EGCB)	2 x 105	210	210	95	94	95	95	116		Gas Shortage	
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	148	157	200	200	217	118	STG Under maint.	
13	Meghnaghat CCGP(Summit)	Gas (IPP)	2x110+1x110	335	335	25	280	280	280	55		Gas Shortage	
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55				
15	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	25	25				
16	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	93	84	93	93				
17	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22				
18	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+3x3.73	80	80	55	49	55	55				
19	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	6x3.73	33	33	33	28	30	30				
20	Rugganji 33 MW PP(Summit)	Gas (SIPP, REB)	6x3.73	33	33	33	33	33	33				
21	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	34	51	51	51				
22	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	90	90	105	105				
23	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	110	150	150	150				
24	Kamalghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54				
25	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	277	291	300	300				
26	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	137	149	149	149				
27	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	200	300				
28	Bramharangan 100 MW PP (Aggrako)	HSD (IPP)	23x0.85+91x.959	100	100	0	100	100	100				
29	Aurath 100MW PP (Aggrako)	HSD (IPP)	23x0.85+91x.959	100	100	0	25	100	100				
30	Nababganj 55 MW PP (Southern powe)	HFO (IPP)	3x19.3	55	55	35	55	55	55				
31	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55				
32	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	88	84	104	104				
33	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	144	162	162	162				
34	Manikganj 35MW Solar PP (Inspectra)	Solar (IPP)	1x35	35	35	32	0	30	0				
35	Kanchan Purbachal Power Generation	HFO (IPP)	3x19.404	55	55	55	55	55	55				
36	Kalpoti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0				
Dhaka Zone Total				5853	5696	2333	2857	3306	3376	988	1370		
37	Kamaphul Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	46	46	46	46	184		Low water level & maint.	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
39	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	5	0	5	0				
40	Raccon 25 MW PP	HFO (RPCL)	3x8.9	25	25	6	25	25	25				
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	6x6.89	50	50	0	42	42	42				
43	Sikalbaha 105 MW PP (Baraka Sikalb)	HFO (IPP)	6x18.415	105	105	105	105	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		150	Under maint.	
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		225	HGPI awaiting	
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	265	276	300	300				
47	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	60	40	100	100				
48	Juldah 100 MW Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	90	90	90	90				
49	Dohazani -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	51	51				
50	Hafazzani 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		98	Environment issue	
51	Barakbunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	19	19	19				
*	Malanchara, Ctg EPZ (United)	Gas (IPP)	5x8.73+3x8.34	55	55	2	10	10	10				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.07	108	108	91	96	100	100				
53	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54				
54	Kamaphul Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	110	110	110	110				
55	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	79	90	100	100				
56	Chattogram 116 MW PP (Anilma Ener)	HFO (IPP)	6x21.06	116	116	115	113	113	113				
Chattogram Zone Total				2442	2382	1066	1167	1290	1265	544	473		
57	a) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	0	0	0	0	129		Gas Shortage	
	b) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage	
58	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	26	29	29	29	16		Gas Shortage	
59	Ashuganj 225 MW CCGP	Gas (APSCCL)	1x142+1x75	221	221	186	190	200	200				
60	Ashuganj 450 MW CCGP(South)	Gas (APSCCL)	1x360	360	360	305	315	330	335				
61	Ashuganj 450 MW CCGP(North)	Gas (APSCCL)	1x361	360	360	310	320	310	335				
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15x4	55	55	5	5	5	5	50		Gas Shortage	
63	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20x9.73+1x16	195	195	147	175	68	68				
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	51	51				
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	98	115	140	140				
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	33	32	33	33				
67	Chandpur 150 MW CCGP	Gas (PDB)	1x106+1x57	163	163	0	0	0	0		163	Under maint.	
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	92	154	200	200				
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	19	22	22				
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	8	11	11				
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	16	25	25	25				
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	52	52	52	52				
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	21	15	15				
74	Daukandi 200 MW PP (B.Trac)	HSD (IPP)	96x1.4+8x1.51+15x1.258	200	200	0	0	100	200				
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7x18.415+1x9.78	114	114	114	114	114	114				
76	Chowmuhani 113 MW	HFO (IPP)	12x9.79+2x3.1	113	113	0	0	0	0				
77	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	17	17				
**	Chandpur 115(Doreen)	HFO (IPP)	4x18.516+2x25.428	160	160	118	130	115	115			On Test	
**	Impoprt (Tripura)	India		160	160	118	130	138	163				
Cumilla Zone Total				2944	2899	1683	1844	1975	2138	329	163		
78	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	189	200	210	210				
79	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20				
80	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	8	0	0	0	0			Dependable cap. 8MW	
81	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	98	108	115	115				
82	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	175	173	200	200				
83	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3										

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					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)				
86	Fenchugonj CAPP Phase-1	Gas (PDB)	2x22-1x33	97	70	30	30	30	30		40	GT 1 Under maint.		
87	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35-1x35	104	90	30	30	30	30		60	GT-4 Under maint.		
88	Fenchugonj 51 MW PP (Barakatalah)	Gas (RPP)	19x2.90	51	51	48	51	50	50			Gas Shortage		
89	Kushara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	110	110	53		Gas Shortage		
90	Hobganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11					
91	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	60	60	60					
92	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	160	160	160	160	170		Gas Shortage		
93	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	3x2.90	86	86	86	89	86	89					
94	Sylhet 225 MW CAPP	Gas (PDB)	1x142-1x89	231	231	0	0	0	0	231		Gas Shortage		
95	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0		20	Under HGPI		
96	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	10	10	10					
97	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	21	24	21	24					
98	Bibianna-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	295	330	330					
99	Bibianna-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	80	240	240	240					
100	Bibianna South 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	343	400	400	400					
101	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work		
Sylhet Zone Total					2422	2377	1282	1507	1538	1544	454	120		
102	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0					
103	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278-1 x 132	410	410	370	380	410	410					
104	Fariapur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	40	0	40					
105	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	5	0	40					
106	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 159+1x75	230	230	0	0	0	220					
107	Noopara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.516	100	100	0	0	100	100					
108	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	105	105	105	105					
109	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	100					
110	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	89	0	50	0					
**	Bheramara (HVDC)	India		1000	1000	719	719	733	733					
Khulna Zone Total					2233	2229	1283	1249	1448	1748	0	0		
111	Bansal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	110	110					
112	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	7	9	10	10					
113	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	91	92	90	91					
114	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	22	22	22	22					
115	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	240	380	620	620	864		Line Overload		
116	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18,415+1x9.78	150	150	0	0	50	150					
117	Bhola 220MW CAPP (Nutan Bidyut BC Gas/HSD)	Gas/HSD (IPP)	2x75+1x70	220	220	221	223	225	225					
Barishal Zone Total					2046	2046	581	726	1127	1228	0	864		
118	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage		
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	100	100	100	100					
119	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	34	34	34					
120	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200					
121	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	25	35	40	41					
122	Chapainawabganj 100 MW Peaking PI	HFO (PDB)	12x8.924	104	104	56	97	100	100					
123	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	24	31	0	40					
124	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	50	50					
125	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	22	22					
126	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage		
127	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	5	200	200	215		Gas Shortage		
128	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	199	178	200	220					
129	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	0	0	0	0	414		Under maint.		
130	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	0	22	22					
131	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	8					
132	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	52	52	52	52					
133	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	95	113	113	113					
134	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	94	113	113	113					
135	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	5	0	6	0					
Rajshahi Zone Total					2129	2129	658	839	1260	1315	496	414		
136	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		Under Overhauling		
137	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	199	200	200	200	74		Coal shortage		
138	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			Condenser mode		
139	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	112	112	113	113					
140	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			Condenser mode		
141	Majpara, Talula 8 MW Solar PP (Sympa Power Energypac Power Venture Thakurgonj Ltd)	Solar (IPP)	1 x 8	8	8	6	0	8	0					
Rangpur Zone Total					685	605	415	312	321	313	159	85		
Sub-total: Plants in operation					21471	20985	9857.0	11024	12884	13494	2970	3489		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					9447	10565	12347	12932						
(B) Plants under long term maintenance/contract expired														
142	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0			Forced Outage		
143	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired		
144	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0					
145	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020		
146	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired on 07/05/2021		
147	Khulna 115 MW PP (KPLC-2)	HFO (QRPP)	7x17	115	0	0	0	0	0			Contract Expired on 31/05/2021		
148	Annura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	0	0	0	0	0			Contract Expired on 11/01/2022		
Sub-Total: Plants under long term maintenance/contract expired					895	0	0	0	0	0	0	0		
Gross Total					22066	20985	9857	11024	12884	13494	2970	3489		
(C) Actual data of 06.03.22 (Yesterday) Sunday :														
01.	Max. Demand at eve. peak (Generation end)				11024.00	MW, at = 19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand at eve. peak (Sub-station end)				10565.00	MW, at = 19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)				11024.00	MW, at = 19:00 hrs	Dhaka	3837	3837	0	Mymensingh	957	957	0
04.	Minimum Generation (Generation end)				7301.00	MW, at = 5:00 hrs	Chattoagram	1151	1151	0	Sylhet	385	385	0
05.	Day-peak Generation (Generation end)				9857.00	MW, at = 12:00 hrs	Khulna	1229	1229	0	Barishal	274	274	0
06.	Evening-peak Generation (Generation end)				11024.00	MW, at = 19:00 hrs	Rajshahi	1128	1128	0	Rangpur	720	720	0
07.	Evening Peak Load-shed (Sub-station end)				0.00	MW, at = 19:00 hrs	Cumilla	884	884	0				
08.	Minimum Generation Forecast up to 8:00 hrs.				7432.00	MW, at = 5:00 hrs								
09.	Generation shortfall at evening peak due to :													
a)	Gas Limitation				2627	MW								
d)	Coal supply Limitation				159	MW								
b)	Low water level in Kaptai lake				184	MW								
c)	Plants under shut down/ maintenance				3489	MW								
10.	Total Energy (Generation + India Import)				223.88	MKWh	13.	Fuel cost :						
	By Gas = 116.674 MKWh								(a) Gas = 116819173 Taka			(c) Coal = 62707523 Taka		
	By Coal = 13.142 MKWh								(b) Oil = 498721060 Taka			Total = 678247756 Taka		
	By Hydro = 1.430 MKWh													
11.	Total Gas Supplied				922.08	MMCFD	14.	Maximum Temperature in Dhaka was :						
									31.6° C					
									Export through East-West interconnections :					
									At evening peak-hour :	-374	MW, at 19:00 hrs			
									Maximum :	-374	MW, at 19:00 hrs			
									Energy :	1.0155	MKWh			
(D) Forecast of 07.03.22 (Today) Monday :														
01.	Maximum Demand				11500	MW (Generation end)	04							