

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2021		Day : Monday				Date : 15.03.21							
Probable Maximum Demand : 11400 MW		Yesterday = 89.19 ft		Today = 88.95 ft		Probable Maximum Generation : 15439 MW							
Water Level of Kaptai Lake at 06:00 AM				Rule Curve = 90.76 ft.									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.03.21 (Yesterday)		15.03.21 (Today)		14.03.21 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)		Probable Peak Generation (MW)						
					Day	Evening	Day	Evening					
(A) Plants in operation:													
1	a) Ghorasal Repowered CAPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.	
	b) Ghorasal Repowered CAPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.	
	c) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	190	190	190	190				
2	Ghorasal 365 MW CAPP Unit-7	Gas (PDB)	1x 254-1x 126	365	365	270	300	300	300				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	3x3.35	108	108	102	106	108	108				
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0			Contract Expired on 08/01/2021	
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage	
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20		Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	344	332	300	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	0	0	0	0	450		Dir in fuel gas	
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	0	0	0	0	412		Dir in fuel gas	
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	150	112	150	150	98		Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	217	221	220	300		114	ST Under maint.	
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	90	100	100				
14	Meghnaghat CCPP(Summit)	Gas (IPP)	2x110+1x110	305	305	245	240	250	250				
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	50	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	48	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	72	85	86				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	50	100	100				
20	Narsinghdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22				
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	35	55	58	58				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33				
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
24	Gasipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52				
25	Gasipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	32	105	105	105				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	10	149	149				
27	Katpotti 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	54	54	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	45	270	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	131	131	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300				
32	Bramhargan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100				
33	Aurabahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100				
34	Nababganj 55 MW PP (Southern po)	HFO (IPP)	3x19.3	55	55	0	35	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0				
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	0	90	90	90				
38	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	17	144	144				
	Spectra Solar Plant Ltd.	Solar				0	0	30	0				
Dhaka Zone Total				6171	5972	1910	2768	3687	4048	1085	579		
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	70	70	70	160		Low Water Level	
40	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	120	120	120				
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.	
41	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4	0	5	0				
42	Raazari 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25				
43	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18	0	20	0				
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	50	50				
45	Sikalbaha 105 MW PP (Baraka Sika)	HFO (IPP)	6x18.415	105	105	0	0	50	100				
46	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	120	120	120	120				
47	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	217	203	225	225				
48	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	180	196	300	300				
49	Juldah 100 MW Unit-1 (Accom)	HFO (ORPP)	8x13.45	100	100	0	40	100	100				
50	Juldah 100 MW Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	0	100	100	100				
51	Dohazari - Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	15	36	102	102				
52	Halhazari 22 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0				
53	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	21	20	20				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	13	10	20				
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	42	102	102				
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	34	54	54				
56	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110				
57	Juldah unit-2 (Accom)	HFO (IPP)	8x13.6	100	100	90	100	100	100				
58	Chattogram 116 MW PP (Anima Er)	HFO (IPP)	6x21.06	116	116	0	0	116	116				
Chattogram Zone Total				2442	2382	905	1153	1799	1834	160	180		
59	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	0	0	0	0	129		Gas Shortage	
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	120	120	100	120				
60	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	20	23	25	26	22		Gas Shortage	
61	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	203	182	225	225				
62	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	315	265	300	300				
63	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	360	275	360	360				
64	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	10	52	55	55				
65	Ashuganj 185MW PP (APSCL United)	Gas (IPP)	20*9.73+1*16	195	195	0	0	0	0	195		Gas shortage	
66	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	0	0	0	51		Gas Shortage	
67	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	0	0	150		Gas Shortage	
68	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	0	50			
69	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	86	85	90	90				
70	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	17	147	200	200				
71	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22				
72	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
73	Jangala 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	33	33	33				
74	Jangala 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
75	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	20	20	20				
76	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x14.4+1x15+1x15+1x15+1x15	200	200	0	0	0	200				
77	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114				
78	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	40	113	113				
**	Impoort (Tripura)	India		160	160	124	146	151	168				
	Bhairab 54.5 MW	HFO (IPP)				0	0	0	0				
Cumilla Zone Total				3040	2980	1294	1420	1871	2159	682	0		
79	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	104	108	160	160	94		Gas Shortage	
80	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22				
81	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	24							

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.03.21 (Yesterday)		15.03.21 (Today)		14.03.21 (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)			
87	Fenchugonj	CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	43	44	44				
88	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	42	42	42	42				
89	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	21	53	51	51				
90	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	0	0	0			Contract Expired on 14/02/2021	
91	Kushiana	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
92	Hobiganj	11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
93	Shahjibazar	GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	34	35	35	35	31		GT-9 Under maint.	
94	Shahjibazar	330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	298	294	300	300				
95	Shahjibazar	86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	74	75	80	86				
96	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	150	148	150	160				
97	Sylhet	20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	18	20	20				
98	Sylhet	50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract Expired on 04/01/2020	
99	Sylhet	10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	7	0	10	10				
100	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	0	16	16				
101	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	310	341	341				
102	Bibiyana-III	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	390	331	400	400				
103	Bibiyana South	383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	300	283	340	340				
	Shahjibazar	100 MW GTTP	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total						2416	2371	1844	1806	2003	2019	0	31	
104	Bheramara	GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
105	Bheramara	410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	410	370	400	400				
106	Faridpur	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	25	25				
107	Gopalganj	100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	12	60	60				
108	Khulna	225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220				
109	Khulna	115 PP MW (KPL-2)	HFO (QRPP)	7x17	115	115	0	49	66	66				
110	Noapara	100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	100				
111	Noapara	40 MW PP (Kharjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
112	Rupsha	105 MW PP (Onion rupsha)	HFO (IPP)	6x18.445	105	105	35	95	90	90				
113	Madhupati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000		721	720	739	739				
Khulna Zone Total						2288	2284	1166	1286	1570	1856	0	0	
114	Barsal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	64	110	110				
115	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	21	24	33	33				
116	Bhola	225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0	194		Under maint.	
117	Bhola	95 MW PP (Agreko)	Gas (QRPP)	1.1x96	95	95	14	53	95	95				
118	Payra	1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	350	450	620	620				
119	Potuaekhali	150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	150	150				
	Bhola Nutan Biddut BD LTD		Gas/HSD (IPP)				93	92	0	0				
Barishal Zone Total						1826	1826	478	683	1008	1008	0	194	
120	a)	Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b)	Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
121		Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
122		Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
123		Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40				
124		Ammura 50 MW PP (Sirha)	HFO (QRPP)	7x7.79	50	50	0	42	42	42				
125		Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	84	100	100				
126		Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50				
127		Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
128		Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	0	34				
129		Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
130		Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	188	151	200	200				
131		Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	182	162	200	200				
132		Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	419	330	400	400				
133		Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	18	18	18				
134		Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0			Contract Expired on 12/11/2020	
135		Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
136		Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	25	52	52				
137		Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6x18.55	113	113	35	113	113	113				
138		Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	35	113	113	113				
Rajshahi Zone Total						2193	2183	888	1079	1549	1673	381	0	
139	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	
140		Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150				
141		Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	3	10	10			Under Overhauling	
142		Rangpur 113 MW PP (Confidence)	HFO (IPP)	7x16x 2x3	113	113	70	111	113	113				
143		Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
144		Majpara, Tatulia 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	6	0	8	0				
Rangpur Zone Total						685	605	226	264	281	273	170	17	
Sub-total: Plants in operation						21778	21312	9132.0	10957	14389	15439	2572	1001	
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss								8717	10459	13735	14737			
(B) Contract expired power plants														
Sub-Total: Plants under long term maintenance						0	0	0	0	0	0			
Gross Total						21778	21312	9132	10957	14389	15439	2572	1001	
(C) Actual data of 14.03.21 (Yesterday) Sunday :														
01.	Max. Demand (Generation end)	: 10957.00 MW, at = 19:30 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :											
02.	Max. Demand (Sub-station end)	: 10453.00 MW, at = 19:30 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW				
03.	Highest Generation (Generation end)	: 10957.00 MW, at = 19:30 hrs	Dhaka	3808	3808	0	Mymensingh	843	843	0				
04.	Minimum Generation (Generation end)	: 7189.00 MW, at = 5:00 hrs	Chattogram	1221	1221	0	Sylhet	353	353	0				
05.	Day-peak Generation (Generation end)	: 9132.00 MW, at = 12:00 hrs	Khulna	1241	1241	0	Barishal	276	276	0				
06.	Evening-peak Generation (Generation end)	: 10957.00 MW, at = 19:30 hrs	Rajshahi	1065	1065	0	Rangpur	693	693	0				
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs	Cumilla	959	959	0								
08.	Actual Minimum Generation Forecast up to 8:00	: 7672.00 MW, at = 5:00 hrs					Total	10459	10459	0				
09.	Generation shortfall at evening peak due to :													
	a) Gas limitation	: 2242 MW	13.	Fuel cost :	a) Gas = 156004859 Taka									
	d) Coal supply Limitation	: 170 MW			b) Oil = 236646570 Taka									
	b) Low water level in Kaptai lake	: 160 MW												
	c) Plants under shut down/ maintenance	: 1001 MW												
10.	Total Energy (Generation + India Import)	: 216.77 MKWh	14.	Maximum Temperature in Dhaka was :	31.2° C									
	By Gas = 144.598 MKWh		15.	Export through East-West interconnections :										
	By Coal = 14.180 MKWh	By Hydro = 35.137 MKWh		At evening peak-hour	: -160 MW, at 19:30 hrs									
	By Solar = 0.762 MKWh			Maximum	: -220 MW, at 19:00 hrs									
11.	Total Gas Supplied	: 1169.67 MMCFD		Energy	: 0.191 MKWh									
(D) Forecast of 15.03.21 (Today) Monday :														
01.	Maximum Demand	: 11400 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)									
02.	Maximum Generation	: 15439 MW (Generation end)	05.	Total Generation	: 225.53 MKWh									
03.	Maximum Shortage	: -4039 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	35.1° C									

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation