



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel.: 9584667, 9551095

Month March, 2020				Day : Sunday				Date : 01.03.20					
Probable Maximum Demand : 9600 MW				Probable Maximum Generation : 15403 MW									
Water Level of Kaptai Lake at 06:00 AM				Rule Curve = 93.00 ft.									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.02.20 (Yesterday)		01.03.20 (Today)		29.02.20 (Yesterday)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
													Day
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	37	37	37	37		48	Unit-2 Under maint.	2/3/2020
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	199	158	150	160				
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under maint.	30/03/2020
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	220	185	170	380				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0				
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	30	60	78				
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	348	302	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	0	400	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	343	350	412	412				
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335		Gas Shortage	
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	24	75	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	120	120	150	150				
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	87	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	70	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	43	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	40	100	100				
19	Gagnagar 102 MW PP Digital Pow	HFO (IPP)	12x8.924	102	102	16	93	100	102				
20	Narshingdi 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	57	49	58	58				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33				
23	Rugganji 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	25	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	Kalpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	32	50	50				
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	17	53	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	34	200	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	80	140	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300				
32	Bramhangaoan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
33	Aurath 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	0	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	70	70				
Dhaka Zone Total				6047	5811	1541	2433	3424	4264	870	353		
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	68	66	70	70	164		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	110	115	120	120				
	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	5.2	0	5	0				
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25				
41	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	19.4	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	40	50	50				
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	32	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	105	139	145	145				
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	204	202	210	210				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	33	201	230	300				
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	0	100	90	90				
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	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 (SIPP, PDB)	8x2.90	22	22	19	18	21	21				
*	Malancha, Cig.EPZ (United)	Gas	5x8.73+3x9.34			2	21	20	30				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	53	100	100				
53	Sikalbaha 54 MW Power Plant(Jodioc 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				
Chattogram Zone Total				2226	2166	565.6	987	1495	1630	344	0		
55	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	80	80	100	100				
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage	
56	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	42	46	46	46				
57	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	167	183	225	225				
58	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	315	285	360	360				
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	315	300	360	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5				
61	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*116	195	195	8	8	8	8				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	46	51	51	51				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	55	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	90	90	90	90				
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	200				
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	8	11	11				
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	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 (SIPP, REB)	3x3.67+2x6.97	25	25	4	22	21	21				
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	0	113	113				
**	Impoort (Tripura)	India		160	160	82	108	102	119				
Cumilla Zone Total				3040	2980	1209	1296	1647	2328	269	0		
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	206	207	210	210				
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	22	22				
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	50	95	95	95				
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	84	115	115	115				
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	7	100	200				
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	1.6	0				
Mymensingh Zone Total				645	637	359.3	441	543.6	642	0	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated / Present Capacity (MW)	29.02.20 (Yesterday)		01.03.20 (Today)		29.02.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW		Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening				
81	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	73	71	72	72			
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	22	42	30	30			
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	50	50	51	51			
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44			
85	Kushlari 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163			
86	Hobiganj 11MW PP Coldence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11			
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	45	64	66	66			
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	140	134	150	150			
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	20	79	80	80			
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	150	148	130	150			
91	Sylhet 20 MW GTPP	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	10	10	10	10			
94	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	24	23	24	24			
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	310	341	341			
96	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	235	235	235	235			
Sylhet Zone Total					1944	1899	1250	1376	1427	1447	0	0
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40			
98	Bheramara 410 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	330	330	410	410			
99	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	36			
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70			
101	Khulna 225 MW CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225			
102	Khulna 115 PP MW (KPLC-2)	HFO (QRPP)	7x17	115	115	61	115	115	115			
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100			
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	33	33			
105	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	50	105			
106	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	67	50	105			
**	Bheramara (HVDC)	India		1000	1000	639	881	638	887			
Khulna Zone Total					2328	2314	1030	1393	1326	2126	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	96	70	110			
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	12	21	20	20			
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	162	0	90	90			
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	86	86	95			
Barisal Zone Total					472	462	574	203	766	945	0	0
112	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	0	0	0	0	100	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	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	40	40			
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	43	100	80	100			
118	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40			
119	Katakhal 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	38			
121	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	180	140	210	210			
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220	Gas Shortage	
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0	220	Gas Shortage	
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	430	386	410	410			
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	18	22	22			
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	10	10			
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	52	52			
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	113	113			
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	32	0	113			
Rajshahi Zone Total					2193	2183	802	807	1228	1494	611	0
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	90	89	100	100			
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Shutdown for Low Demand	
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	280	280	280	280			
133	Rangpur 20 MW GTPP	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	35	113	113	113			
135	Saidpur 20 MW GTPP	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	6.8	0	8	0			
Rangpur Zone Total					685	605	412	482	501	527	0	85
Sub-total: Plants in operation					19580	19057	7742.7	9418	12358	15403	2094	438
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					7453	8762	11896	14827				
(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	7742.7	9418	12358	15403	2094	438
(C) Actual data of 29.02.20 (Yesterday) Saturday :												
01.	Max. Demand (Generation end)	:	9418.00	MW,	at =	19:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :				
02.	Max. Demand (Sub-station end)	:	8762.00	MW,	at =	19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand
03.	Highest Generation (Generation end)	:	9418.00	MW,	at =	19:00 hrs	Dhaka	3264	3264	0	Mymensingh	737
04.	Minimum Generation (Generation end)	:	5662.00	MW,	at =	5:00 hrs	Chattogram	1030	1030	0	Sylhet	314
05.	Day-peak Generation (Generation end)	:	7742.70	MW,	at =	12:00 hrs	Khulna	1099	1099	0	Barishal	234
06.	Evening-peak Generation (Generation end)	:	9418.00	MW,	at =	19:00 hrs	Rajshahi	1099	1099	0	Rangpur	234
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs P	Cumilla	751	751	0		
08.	Actual Minimum Generation up to 8:00 hrs.	:	6044.00	MW,	at =	5:00 hrs am						
09.	Generation shortfall at evening peak due to :	:										
	a) Gas limitation	:	1930	MW			13.	Fuel cost :	(a) Gas = 121346044 Taka	(c) Coal = 38376251 Taka		
	d) Coal supply Limitation	:	0	MW				(b) Oil = 123547976 Taka	Total = 159722295 Taka			
	e) Low water level in Kaptai lake	:	164	MW								
	c) Plants under shut down/ maintenance	:	438	MW			14.	Maximum Temperature in Dhaka was : 31.2° C				
10.	Total Energy (Generation + India Import)	:	178.93	MKWh			15.	Export through East-West interconnections :				
	By Gas = 130.860 MKWH			By Oil = 17.344 MKWH				At evening peak-hour	:	-110	MW,	at 19:00 hrs PM
	By Coal = 13.377 MKWH			By Hydro = 1.558 MKWH				Maximum	:	-271	MW,	at 23:00 hrs
	By Solar= 0.234 MKWH							Energy	:	1.506	MKWh	
11.	Total Gas Supplied	:	1086.57	MMCFD								
(D) Forecast of 01.03.20 (Today) Sunday :												
01.	Maximum Demand	:	9600	MW	(Generation end)		04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	15403	MW	(Generation end)		05.	Total Generation : 182.39 MKWh				
03.	Maximum Shortage	:	-5803	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka : 31.0° C				

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation