



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9584667, 9551095

Month January, 2020				Day : Thursday				Date : 23.01.20			
Probable Maximum Demand : 9200 MW				Probable Maximum Generation : 14510 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 94.83 ft		Today = 94.75 ft		Rule Curve = 98.80 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.01.20 (Yesterday)		23.01.20 (Today)		22.01.20 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)			
									Day	Evening	Day
(A) Plants in operation:											
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	71	71	71	71		
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		On Test
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	100	100	100	100		
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Gas Shortage
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	355	335	360	360		
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	0	0	0		
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	310	318	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	350	420	450	450		
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	357	300	412	412		
11	Siddhirganj 2'120 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	230	170	250	335		
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	0	0	0	0	305	Gas Shortage
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	100	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	64	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	40	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	2	102	100	102		
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	22	22		
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	47	57	57	57		
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33		
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	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	17	50	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	48	50	50		
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	53	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	200	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	100	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	71	71		
Dhaka Zone Total				6047	5811	1916	2413	3589	4325	965	0
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	38	34	40	40	196	Low Water Level
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	120	120	120	120		
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.6	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	19.6	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	50	50		
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	105	105		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	148	139	145	145		
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	150	151	150	150		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	16	232	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	90	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	19	21	21		
*	Malancha, Cig.EPZ (United)	Gas	5x8.73+3x9.34			4	30	15	30		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	93	100	100		
53	Sikalbaha 54 MW Power Plant(Jodiari 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	519.2	958	1400	1540	376	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	0	0	0	0	129	Gas Shortage
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	100	80	100	100		
56	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	43	43	40	43		
57	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1'75	221	221	173	190	225	225		
58	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	330	330	360	360		
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	320	320	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	43	43	43	43		
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	100	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	88	90	90		
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	17	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	5	11	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	10	14	14	14		
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x0.1515+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	54	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	74	106	86	101		
Cumilla Zone Total				3040	2980	1256	1464	1610	2292	264	0
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	110	106	150	150		
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22		
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	24	95	95	95		
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	115	0	115		
79	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	100	100	200		
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	1.6	0		
Mymensing Zone Total				645	637	156.2	436	368.6	582	0	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.01.20 (Yesterday)		23.01.20 (Today)		22.01.20 (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 CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	50	54	54	54					
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	66	66	66	66					
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	22	53	51	51					
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	20	50	44	44					
85	Kushlari 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163					
86	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11					
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	64	69	66	66					
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	163	156	160	160					
89	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	10	76	76	76					
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	97	77	100	100			on test		
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	17	17	17					
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	16	16	24	24					
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	320	341	341					
96	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	145	145	230	230					
Sylhet Zone Total				1944	1899	1141	1283	1413	1413	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	0	0	0	0		410	Under Maint.	30.01.2020	
99	Fardipur 30 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	0	30					
101	Khulna 225 MW CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	230					
102	Khulna 115 PP MW (KPLC-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	0	80	100					
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	33	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	105	50	105					
**	Bheramara (HVDC)	India		1000	1000	305	647	312	658					
Khulna Zone Total				2328	2314	305	900	670	1492	0	410			
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	80	70	110					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	12	20	20	20					
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	79	15	100	100					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	57	95	95					
Payra 1320 MW						452	0	0	0					
Barishal Zone Total				472	462	543	172	285	355	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	24	50	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	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	170	175	210	210					
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	134	0	220	220					
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	182	174	220	220					
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	395	434	410	430					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	3	3	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	0	108	113	113					
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	0	113					
Rajshahi Zone Total				2193	2183	941	977	1678	1964	171	0			
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	125	123	125	125					
	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	200	250	200	275					
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	0	100	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	5.2	0	8	0					
Rangpur Zone Total				685	605	330	473	446	547	0	85			
Sub-total: Plants in operation				19580	19057	7107.6	9076	11460	14510	1776	495			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6699	8310	10801	13675					
(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	7107.6	9076	11460	14510	1776	495			
(C) Actual data of 22.01.20 (Yesterday) Wednesday :														
01.	Max. Demand (Generation end)	:	9076.00	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)	:	8310.00	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)	:	9076.00	MW,	at =	19:30 hrs	Dhaka	3049	3049	0	Mymensingh	740	740	0
04.	Minimum Generation (Generation end)	:	5382.00	MW,	at =	4:00 hrs	Chattogram	861	861	0	Sylhet	322	322	0
05.	Day-peak Generation (Generation end)	:	7107.60	MW,	at =	12:00 hrs	Khulna	1064	1064	0	Barishal	238	238	0
06.	Evening-peak Generation (Generation end)	:	9076.00	MW,	at =	19:30 hrs	Rajshahi	1064	1064	0	Rangpur	238	238	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Cumilla	734	734	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5486.00	MW,	at =	5:00 hrs am					Total	8310	8310	0
09.	Generation shortfall at evening peak due to :	:					13.	Fuel cost :	(a) Gas = 125253795 Taka	(c) Coal = 39965254 Taka				
	a) Gas limitation	:	1580	MW					(b) Oil = 105825585 Taka	Total = 165219049 Taka				
	d) Coal supply Limitation	:	0	MW			14.	Maximum Temperature in Dhaka was :	24.4° C					
	b) Low water level in Kaptai lake	:	196	MW			15.	Export through East-West interconnections :						
	c) Plants under shut down/ maintenance	:	495	MW				At evening peak-hour	: -542	MW,	at	19:30 hrs PM		
10.	Total Energy (Generation + India Import)	:	168.96	MKWh				Maximum	: -560	MW,	at	20:00 hrs		
	By Gas = 134.201 MKWH				By Oil = 11.528 MKWh			Energy	: 5.259	MKWh				
	By Coal = 12.476 MKWH				By Hydro = 0.893 MKWh									
	By Solar= 0.201 MKWH													
11.	Total Gas Supplied	:	1093.93	MMCFD										
(D) Forecast of 23.01.20 (Today) Thursday :														
01.	Maximum Demand	:	9200	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14510	MW	(Generation end)		05.	Total Generation	:	171.26	MKWh			
03.	Maximum Shortage	:	-5310	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka ;	:	25.6° C				

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation