



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month January, 2020			Day : Friday				Date : 31.01.20							
Probable Maximum Demand : 8400 MW			Yesterday = 94.29 ft				Today = 94.25 ft				Probable Maximum Generation : 13721 MW			
Water Level of Kaptai Lake at 06:00 AM			Rule Curve = 97.20 ft				30.01.20 (Today)				30.01.20 (Yesterday)			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.01.20 (Today)		31.01.20 (Yesterday)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
					Day	Evening	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) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	72	72	72	72					
	b) Ghorasal Repowered CCP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170			Gas Shortage	
	c) Ghorasal Repowered CCP Unit-4	Gas (PDB)	1 x 210	210	180	200	200	200	200					
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190			Gas Shortage	
2	Ghorasal 365 MW CCP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	380	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 CCP(HPL)	Gas (IPP)	1x235+1x125	360	360	344	315	360	360					
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	390	450	450	450					
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115			Gas Shortage	
10	Haripur 412 MW CCP	Gas (EGCB)	1x273+1x139	412	412	342	385	412	412					
11	Siddhirgonj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	67	105	0	0	105			Gas Shortage	
12	Siddhirgonj 335 MW CCP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	335	335					
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	30	7	100	100					
14	Meghnaghat CCP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0					
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	100	100	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	38	30	100	100					
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	15	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	102	102	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	51	40	57	57					
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	20	20	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	0	34	100	100					
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149					
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	48	47	50	50					
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	53	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	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100					
33	Aurahat 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	0	55	55					
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	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	2362	2465	3775	4426	725	0				
37	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	31	32	40	40	198			Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	110	100	100	70			Gas Shortage	
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180			Under maint.	5/2/2020
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	1.2	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	18.3	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	50	50					
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	98	105	105	105					
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	151	145	145	145					
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	155	155					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	302	300	230	300					
47	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
48	Juldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	50	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	8	0	0	0					
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	21	21					
*	Malancha, Ctg.EP2 (United)	Gas	5x8.73+3x9.34			4	31	20	30					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	11	100	100					
53	Sikalbaha 54 MW Power Plant(Jodiach 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	832.5	893	1390	1525	448	0				
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	0	0	0	0	129			Gas Shortage	
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	120	100	100	135					
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	43	43	43	43					
57	Ashuganj 225 MW CCP	Gas (APSCL)	1x142+1'75	221	221	195	170	225	225					
58	Ashuganj 450 MW CCP(South)	Gas (APSCL)	1x360	360	360	320	350	360	360					
59	Ashuganj 450 MW CCP(North)	Gas (APSCL)	1x361	360	360	300	345	0	0					
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	5	5	5					
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'116	195	195	16	8	55	55					
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	52	51	51					
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	21	10	100	150					
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50					
65	Chandpur 150 MW CCP	Gas (PDB)	1X106+1x57	163	163	30	88	90	90					
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	34	0	200					
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22					
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	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	21	21	20	20					
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	18	0	114					
74	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	0	0	113	113					
**	Impoprt (Tripura)	India		160	160	98	110	82	94					
Cumilla Zone Total			3040	2980	1283	1420	1310	2021	264	0				
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	101	103	115	120					
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	92	92	95	95					
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	50	1					

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.01.20 (Yesterday)		31.01.20 (Today)		30.01.20 (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 CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	50	60	60	60					
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	22	22	22	40					
83	Fenchugonj 51 MW PP (Barakattul)	Gas (RPP)	19x2.90	51	51	47	53	51	51					
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44					
85	Kushlaha 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	20	60	163	163					
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	65	66	66					
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	155	161	160	160					
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	78	76	76	76					
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	129	128	140	140					
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0	20	Under maint.	8/2/2020		
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 (CIPP, REB)	3x9.34	25	25	24	24	24	24					
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	335	341	341					
96	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	145	144	230	230					
Sylhet Zone Total					1944	1899	1114	1199	1398	1416	0	20		
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40					
98	Bheramara 410 MW CCGP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	329	360	300	300					
99	Fairdipur 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 (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	230					
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	115	115	115	115					
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	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 (NWP/GCL)	6x18.415	105	105	0	50	50	105					
**	Bheramara (HVDC)	India		1000	1000	298	733	180	450					
Khulna Zone Total					2328	2314	742	1291	838	1584	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	64	70	110					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	13	21	20	20					
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	90	96	97	97					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	89	95	95	95					
Payra 1320 MW							0	0	0	0				
Barishal Zone Total					472	462	192	276	282	352	0	0		
112	a) Baghabani 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71	Gas Shortage			
	b) Baghabani 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Gas Shortage			
113	Baghabani 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50					
114	Baghabani 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	25	40	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	51	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 (NWP/GCL)	1x150+1x75	210	210	0	0	0	0					
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	0	0	0	0					
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	0					
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	398	435	410	410					
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	5	5	3	4					
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, 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	0	0	113					
Rajshahi Zone Total					2193	2183	570	673	1021	1288	171	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	118	109	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	280	280	285	285					
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	104	113	113					
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
136	Majpara, Tatala 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	2.3	0	8	0					
Rangpur Zone Total					685	605	400	493	531	557	0	85		
Sub-total: Plants in operation					19580	19057	7826.5	9077	10929	13721	1608	105		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss														
					7316	8203	10216	12826						
(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	7826.5	9077	10929	13721	1608	105		
(C) Actual data of 30.01.20 (Yesterday) Thursday :														
01.	Max. Demand (Generation end)	:	9077.00	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)	:	8203.00	MW,	at =	19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9077.00	MW,	at =	19:30 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	5792.00	MW,	at =	5:00 hrs	Dhaka	2931	2931	0	Mymensingh	745	745	0
05.	Day-peak Generation (Generation end)	:	7826.50	MW,	at =	12:00 hrs	Chattogram	941	941	0	Sylhet	319	319	0
06.	Evening-peak Generation (Generation end)	:	9077.00	MW,	at =	19:30 hrs	Khulna	1036	1036	0	Barishal	226	226	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Rajshahi	1036	1036	0	Rangpur	226	226	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	5662.00	MW,	at =	5:00 hrs am	Cumilla	743	743	0				
09.	Generation shortfall at evening peak due to :	:									Total	8203	8203	0
a)	Gas limitation	:	1410	MW			13.	Fuel cost :	(a) Gas = 157091866 Taka	(c) Coal = 45578701 Taka				
c)	Coal supply Limitation	:	0	MW				(b) Oil = 218254508 Taka	Total = 202670567 Taka					
b)	Low water level in Kaptai lake	:	198	MW										
c)	Plants under shut down/ maintenance	:	105	MW										
10.	Total Energy (Generation + India Import)	:	204.82	MKWh			14.	Maximum Temperature in Dhaka was :	24.9° C					
	By Gas = 159.724 MKWh			By Oil = 24.436 MKWh			15.	Export through East-West interconnections :						
	By Coal = 9.577 MKWh			By Hydro = 0.682 MKWh				At evening peak-hour	: -267 MW,	at	19:30 hrs PM			
	By Solar= 0.125 MKWh							Maximum	: -656 MW,	at	8:00 hrs			
								Energy	: -14139.647 MKWh					
11.	Total Gas Supplied	:	1057.98	MMCFD										
(D) Forecast of 31.01.20 (Today) Friday :														
01.	Maximum Demand	:	8400	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	13721	MW	(Generation end)		05.	Total Generation	:	189.54	MW			
03.	Maximum Shortage	:	-5321	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	26° C				

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation