



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month January, 2020			Day : Tuesday				Date : 28.01.20							
Probable Maximum Demand : 9100 MW			Yesterday = 94.50 ft				Today = 94.42 ft				Probable Maximum Generation : 14040 MW			
Water Level of Kaptai Lake at 06:00 AM			Rule Curve = 97.80 ft											
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.01.20 (Yesterday)		28.01.20 (Today)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date		
													Day	Evening
(A) Plants in operation:														
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	71	72	72	72					
	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	150	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	313	320	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	366	272	360	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	367	380	412	412					
11	Siddhirgonj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210				Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	180	232	220	220					
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	55	100	100					
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0					
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	80	100	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	28	100	100					
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	30	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	74	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	53	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	0	81	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	0	40	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	Bramhanganj 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	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	2234	2507	3560	4211	660	0				
37	Karnaphuli Hydro PP Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	40	40	40	40	190				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	2.05	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	9.4	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	17	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	132	139	145	145					
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	154	155	155	155					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	158	217	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	0	90	90	90					
49	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	34	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	20	19	21	21					
**	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			4	29	10	30					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	67	100	100					
53	Sikalbaha 54 MW Power Plant(Jodiac 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	656.45	960	1400	1545	370	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	135	135	100	130					
56	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	43	43	43	43					
57	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1'75	221	221	201	187	225	225					
58	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	320	280	360	360					
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	320	312	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	26	55	55					
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	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	0	50	0	0					
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	50	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	8	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	14	20	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	71	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	88	106	87	100					
Cumilla Zone Total			3040	2980	1237	1449	1577	2284	264	0				
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	106	103	150	150					
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	20	22	22					
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	84	95	95	95					
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	23	115	50	115					

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.01.20 (Yesterday)		28.01.20 (Today)		27.01.20 (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	60	58	58	58					
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	66	66	66	66					
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	47	44	44					
85	Kushlaha 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0	0	0					
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	67	67	66	66					
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	148	150	160	160					
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	73	76	76	76					
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	0	0	70	70	142		Under maint.		
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0	20		Under maint. 1/2/2020		
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	315	325	341	341					
96	Bibiyan-II 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	145	144	230	230					
Sylhet Zone Total					1944	1899	1016	1031	1207	1207	0	162		
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	0	0	0	0	410		Under Maint. 30.01.2020		
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	83	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	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 (NWP/GCL)	6x18.415	105	105	0	105	50	105					
**	Bheramara (HVDC)	India		1000	1000	310	738	305	750					
Khulna Zone Total					2328	2314	393	991	663	1584	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	97	97	97	97					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	37	36	95	95					
	Payra 1320 MW					0	0	0	0					
Barisal Zone Total					472	462	146	233	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	40	40	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	58	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	185	170	210	210					
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	178	169	220	220					
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	431	433	410	410					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	3	3	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	0	95	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	870	1001	1451	1718	171	0		
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	117	116	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	285	285	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	102	113	113					
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
136	Majpara, Tahula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	1.3	0	8	0					
Rangpur Zone Total					685	605	403	503	531	557	0	85		
Sub-total: Plants in operation					19580	19057	7191.6	9068	11090	14040	1465	657		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss														
					6937	8460	10697	13543						
(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	7191.6	9068	11090	14040	1465	657		
(C) Actual data of 27.01.20 (Yesterday) Monday :														
01.	Max. Demand (Generation end)	:	9068.00	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)	:	8460.00	MW,	at =	19:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9068.00	MW,	at =	19:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5589.00	MW,	at =	5:00 hrs	Dhaka	3100	3100	0	Mymensingh	786	786	0
05.	Day-peak Generation (Generation end)	:	7191.55	MW,	at =	09:00 hrs	Chattogram	912	912	0	Sylhet	329	329	0
06.	Evening-peak Generation (Generation end)	:	9068.00	MW,	at =	19:00 hrs	Khulna	1074	1074	0	Barishal	227	227	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs P	Rajshahi	1074	1074	0	Rangpur	227	227	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	5559.00	MW,	at =	5:00 hrs am	Cumilla	731	731	0				
09.	Generation shortfall at evening peak due to :	:									Total	8460	8460	0
	a) Gas limitation	:	1275	MW			13.	Fuel cost :	(a) Gas = 122138575 Taka	(c) Coal = 45776842 Taka				
	c) Coal supply Limitation	:	0	MW				(b) Oil = 168055812 Taka	Total = 167915417 Taka					
	b) Low water level in Kaptai lake	:	190	MW										
	c) Plants under shut down/ maintenance	:	657	MW										
10.	Total Energy (Generation + India Import)	:	171.87	MKWh			14.	Maximum Temperature in Dhaka was : 23° C						
	By Gas = 132.585 MKWh			By Oil = 18.285 MKWh			15.	Export through East-West interconnections :						
	By Coal = 9.654 MKWh			By Hydro = 0.909 MKWh				At evening peak-hour : -361 MW, at 19:00 hrs PM						
	By Solar = 0.173 MKWh							Maximum : -612 MW, at 1:00 hrs						
								Energy : 6.6625 MKWh						
11.	Total Gas Supplied	:	1063.67	MMCFD										
(D) Forecast of 28.01.20 (Today) Tuesday :														
01.	Maximum Demand	:	9100	MW	(Generation end)		04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14040	MW	(Generation end)		05.	Total Generation : 172.47 MKWh						
03.	Maximum Shortage	:	-4940	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka : 24.9° C						

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation