



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month January, 2020			Day : Saturday				Date : 04.01.20									
Probable Maximum Demand : 8500 MW			Yesterday = 95.83 ft				Today = 95.76 ft				Probable Maximum Generation : 14702 MW					
Water Level of Kaptai Lake at 06:00 AM			Rule Curve = 102.43 ft													
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.01.20 (Yesterday)		04.01.20 (Today)		Probable Peak Generation (MW)		03.01.20 (Yesterday)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Evening	Day	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	34	34	35	35					51	Unit-1 Under Maint.	20.01.20
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0						On Test	
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	100	150	180	180							
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0				190		Gas Shortage	
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	305	310	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 CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	282	343	360	360							
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	330	400	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 CCGP	Gas (EGCB)	1x273+1x139	412	412	300	346	360	360							
11	Siddhirgonj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0				210		Gas Shortage	
12	Siddhirgonj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	250	300	300	335							
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	0	100							
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0							
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	0	0	87							
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	0	0	100							
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	0	55							
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	0	100							
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	0	0	102							
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22							
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	34	49	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	28	28	33	33							
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	0	52							
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	0	100							
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	0	149							
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	50							
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	0	17	54	54							
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	0	300							
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	0	100							
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	0	55							
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	0	0	55							
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	72							
Dhaka Zone Total				6047	5811	1683	2019	3621	4305	660	51					
37	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	46	47	44	47				183		Low Water Level	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	110	115	110	110							
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0				180		Under Maint.	08.01.20
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	0.9	0	5	0							
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	0	25							
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	9.7	0	20	0							
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	0	50							
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	0	105							
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	70	140	130	150							
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	190	204	210	215							
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	16	230	300							
47	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	0	0	100							
48	Juldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	0	0	0	100							
49	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	0	80							
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, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			12	25	15	25							
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	0	50							
53	Sikalbaha 54 MW Power Plant(Jodioc Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	0	54							
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	0	50							
Chattogram Zone Total				2226	2166	457.6	566	1399	1612	183	180					
55	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	80	80	125	125				55		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	0	0	0	0				134		Gas Shortage	
56	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	5	10	40	40							
57	Ashuganj 225 MW CCGP	Gas (APSCCL)	1x142+1'75	221	221	50	226	225	225							
58	Ashuganj 450 MW CCGP(South)	Gas (APSCCL)	1x360	360	360	270	310	360	360							
59	Ashuganj 450 MW CCGP(North)	Gas (APSCCL)	1x361	360	360	270	300	360	360							
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	0	0	0	0							
61	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20'9.73+11'16	195	195	8	8	150	180							
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	43	43	43							
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	0	100							
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50							
65	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	86	87	90	90							
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	0	150							
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	19	22	22							
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11							
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	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	8	14	14	14							
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											

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.01.20 (Yesterday)		04.01.20 (Today)		03.01.20 (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 CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	10	30	30	30				
82	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	40	60	60	60				
83	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	0	50	51	51				
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	0	50	44	44				
85	Kushara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163				
86	Hobiganj 11MW PP Confidence-E	Gas (SI,PP, REB)	4x2.90	11	11	0	11	11	11				
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	45	68	66	66				
88	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	120	151	160	160				
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	2	76	75	75				
90	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	0	0	0	0	142	Under Overhauling	31.01.20	
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	16	17	17				
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	17	0	0				
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10				
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	24	24	24				
95	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	320	341	341				
96	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	339	372	400	400				
Sylhet Zone Total					1944	1899	996	1385	1452	1452	0	142	
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40				
98	Bheramara 410 MW CAPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	250	330	400	400				
99	Fairdur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35				
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	30	70				
101	Khulna 225 MW CAPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	200				
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	0	0	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	0	40	40				
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	0	33	100				
**	Bheramara (HVDC)	India		1000	1000	176	458	211	508				
Khulna Zone Total					2328	2314	426	788	844	1713	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	0	70	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	16	19	25	25				
110	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	176	176	175	190				
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	66	95	95				
Barishal Zone Total					472	462	192	261	365	450	0	0	
112	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	70	70	70	70	1	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	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 CAPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	140	205	210	210				
122	Sirajgonj 225MW CAPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	136	163	220	220	220	Gas Shortage		
123	Sirajgonj 225MW CAPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	0	220	Under maint.	05.01.20	
124	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	326	408	400	430				
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	0	22	22				
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	8	10	10				
127	Ullapara 11 MW PP (Summit)	Gas (SI,PP, REB)	4x2.90	11	11	5	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	0	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	677	865	1518	1814	321	220	
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	10.01.20	
	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	149	200	260	260				
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*16x2*3	113	113	0	0	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 (Symra)	Solar (IPP)	1 x 8	8	8	2.6	0	8	0				
Rangpur Zone Total					685	605	152	200	381	407	0	170	
Sub-total: Plants in operation					19580	19057	5527.5	7537	11856	14702	1482	763	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					5129	6752	11001	13643					
(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	5527.5	7537	11856	14702	1482	763	
(C) Actual data of 03.01.20 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	7537.00	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)	:	6752.00	MW, at = 19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	7537.00	MW, at = 19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	4682.00	MW, at = 6:00 hrs	Dhaka	2375	2375	0	Mymensingh	608	608	0	
05.	Day-peak Generation (Generation end)	:	5527.50	MW, at = 12:00 hrs	Chattogram	797	797	0	Sylhet	294	294	0	
06.	Evening-peak Generation (Generation end)	:	7537.00	MW, at = 19:30 hrs	Khulna	863	863	0	Barishal	179	179	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs P	Rajshahi	863	863	0	Rangpur	179	179	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	4592.00	MW, at = 5:00 hrs am	Cumilla	594	594	0					
09.	Generation shortfall at evening peak due to :	:							Total	6752	6752	0	
	a) Gas limitation	:	1299	MW	13.	Fuel cost :	(a) Gas = 113933224 Taka	(c) Coal = 16578615 Taka					
	d) Coal supply Limitation	:	0	MW		(b) Oil = 2443227 Taka	Total = 130512039 Taka						
	b) Low water level in Kaptai lake	:	183	MW									
	c) Plants under shut down/ maintenance	:	763	MW									
10.	Total Energy (Generation + India Import)	:	137.34	MKWh	14.	Maximum Temperature in Dhaka was :	22.5° C						
	By Gas = 124.762 MKWh			By Oil = 0.257 MKWh	15.	Export through East-West interconnections :							
	By Coal = 4.054 MKWh			By Hydro = 1.122 MKWh		At evening peak-hour	: -373 MW, at 19:30 hrs PM						
	By Solar= 0.096 MKWh					Maximum	: -430 MW, at 18:00 hrs						
11.	Total Gas Supplied	:	976.12	MMCFD		Energy	: 3.1325 MKWh						
(D) Forecast of 04.01.20 (Today) Saturday :													
01.	Maximum Demand	:	8500	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	14702	MW (Generation end)	05.	Total Generation	:	154.88	MKWh				
03.	Maximum Shortage	:	-6202	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	23.1° C					

* Captive Power ** Imported Power
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(MONIRUZZAMAN)
Deputy Secretary, Generation