



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9584667, 9551095

Month January, 2020			Day : Wednesday				Date : 29.01.20								
Probable Maximum Demand : 9500 MW			Probable Maximum Generation : 14014 MW												
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 94.42 ft		Today = 94.34 ft		Rule Curve = 97.60 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.01.20 (Yesterday)		29.01.20 (Today)		28.01.20 (Yesterday)	29.01.20 (Today)	Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Day	Evening							
(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				On Test		
	c) Ghorasal Repowered CCP Unit-4	Gas (PDB)	1 x 210	210	180	130	120	155	155						
	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	0	55	360	360						
8	Meghnaghat 450 MW CCP(MPL)	Gas (IPP)	2x140+1x170	450	450	225	450	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 CCP	Gas (EGCB)	1x273+1x139	412	412	365	345	412	412						
11	Siddhirganj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210			Gas Shortage		
12	Siddhirganj 335 MW CCP	Gas (EGCB)	1 x 217+1x118	335	335	180	228	220	220						
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	60	100	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	48	97	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	50	100	100						
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	93	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	57	53	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	88	0	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	0	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	100	140	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	Branhangoan 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	35	35	55	55						
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	71	71						
Dhaka Zone Total			6047	5811	2081	2475	3615	4266	660	0					
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	42	32	40	40	198			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	20	0	0	0	180			Under maint.	5/2/2020	
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.2	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	0	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	17	17	105	105						
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	151	138	145	145						
45	Sikalbaha 225 MW CCP	Gas (PDB)	1 x 150+1 x 75	225	225	147	149	155	155						
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	233	251	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	55	90	90	90						
49	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	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	18	21	21	21						
**	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			7	28	10	30						
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	101	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	744.2	928	1280	1425	558	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	135	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	156	192	225	225						
58	Ashuganj 450 MW CCP(South)	Gas (APSCL)	1x360	360	360	360	325	360	360						
59	Ashuganj 450 MW CCP(North)	Gas (APSCL)	1x361	360	360	355	320	360	360						
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	8	46	55	55						
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	45	51	51						
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	66	145	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	0	50	50	50						
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	105	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	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	12	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	114	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	86	106	87	100						
Cumilla Zone Total			3040	2980	1320	1717	1635	2347	264	0					
75	RPCL 210MW CCP	Gas (IPP)	4x35+1x70	210	202	102	104	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	93	84	95	95						
78	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	52	115	90	115						

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.01.20 (Yesterday)		29.01.20 (Today)		28.01.20 (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	50	60					
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	66	66	0	40					
83	Fenchugonj 51 MW PP (Barakattul)	Gas (RPP)	19x2.90	51	51	47	50	51	51					
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	49	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	0	11	11	11					
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	66	67	66	66					
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	165	154	160	160					
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	76	76	76	76					
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	0	0	0	0	142		Under maint.		
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0	20		Under maint.		
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	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	1018	1030	1063	1113	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	150	210	220	260		On test		
99	Fairdip 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	85	50	105					
**	Bheramara (HVDC)	India		1000	1000	300	735	305	750					
Khulna Zone Total				2328	2314	415	1118	873	1804	0	260			
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	11	22	20	20					
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	95	90	97	97					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	35	36	95	95					
Barisal Zone Total				472	462	141	228	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	18	40	50	50					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	70	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	214	140	0	140					
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	190	0	0	170					
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	408	395	410	410					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	2	2	22	22					
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	3	4	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	113	108	113	113					
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	35	0	113					
Rajshahi Zone Total				2193	2183	979	825	1021	1598	171	0			
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	108	117	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	270	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	113	113	113					
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
136	Majpara, Tatalia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	4.6	0	8	0					
Rangpur Zone Total				685	605	398	500	531	557	0	85			
Sub-total: Plants in operation				19580	19057	7366.5	9196	10684	14014	1653	507			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss														
					6895	8330	10000	13118						
(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	7366.5	9196	10684	14014	1653	507			
(C) Actual data of 28.01.20 (Yesterday) Tuesday :														
01.	Max. Demand (Generation end)	:	9196.00	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)	:	8330.00	MW,	at =	19:30 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9196.00	MW,	at =	19:30 hrs	Dhaka	3011	3011	0	Mymensingh	751	751	0
04.	Minimum Generation (Generation end)	:	5559.00	MW,	at =	4:00 hrs	Chattogram	917	917	0	Sylhet	310	310	0
05.	Day-peak Generation (Generation end)	:	7366.50	MW,	at =	12:00 hrs	Khulna	1066	1066	0	Barishal	234	234	0
06.	Evening-peak Generation (Generation end)	:	9196.00	MW,	at =	19:30 hrs	Rajshahi	1066	1066	0	Rangpur	234	234	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs P	Cumilla	741	741	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5736.00	MW,	at =	5:00 hrs am								
09.	Generation shortfall at evening peak due to :	:												
	a) Gas limitation	:	1455	MW			13.	Fuel cost :	(a) Gas = 116374823 Taka	(c) Coal = 44413799 Taka				
	c) Coal supply Limitation	:	0	MW				(b) Oil = 235323063 Taka	Total = 160788621 Taka					
	b) Low water level in Kaptai lake	:	198	MW										
	c) Plants under shut down/ maintenance	:	507	MW										
10.	Total Energy (Generation + India Import)	:	173.01	MKWh			14.	Maximum Temperature in Dhaka was :	24.3° C					
	By Gas = 126.333 MKWh						15.	Export through East-West interconnections :						
	By Coal = 9.421 MKWh							At evening peak-hour	: -403	MW,	at	19:30 hrs PM		
	By Solar = 0.150 MKWh							Maximum	: -631	MW,	at	8:00 hrs		
								Energy	: 7.082	MKWh				
11.	Total Gas Supplied	:	1034.96	MMCFD										
(D) Forecast of 29.01.20 (Today) Wednesday :														
01.	Maximum Demand	:	9500	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14014	MW	(Generation end)		05.	Total Generation	:	178.73	MKWh			
03.	Maximum Shortage	:	-4514	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :	:	26.5° C				

* Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation