



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9531095

Month December, 2019				Day : Saturday				Date : 21.12.19				
Probable Maximum Demand : 8500 MW				Probable Maximum Generation : 14070 MW				Rule Curve = 104.10 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 97.20 ft				Today = 97.05 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.12.19 (Yesterday)		21.12.19 (Today)		20.12.19 (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
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	35	35	35	35	50	Unit-1 Under Maint.	21.12.19
	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	101	100	200	200	80	Gas Shortage(On test)	
	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	0	0	0	0	365	Under Maint.	22.12.19
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	52	110	108	108			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78	Gas Shortage	
5	Tongi 80 MW GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage	
6	Haripur GTTP	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	308	370	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	320	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	368	335	320	360			
11	Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	45	74	100	100	136	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	270	292	335	335			
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0			
15	Meghnaghat 100 MW(IE)	HFO (QRPP)	12x8.9	100	100	0	60	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	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	0	7	93	93			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	16	22	22			
21	Summit Power.(Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	38	55	57	57			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	0	24	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	28	29	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	0	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149			
27	Katpodi 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	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)	25x1.4	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	Auraha 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	72	72			
Dhaka Zone Total				6047	5811	1565	2065	3488	4177	744	415	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	80	82	80	80	148		Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	120	120	120			
	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	4.3	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	19.5	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	50	50			
43	Sikalbaha 105 MW PP (Baraka Siku	HFO (IPP)	6x18.415	105	105	0	51	105	105			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	116	109	150	150			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	189	179	215	215			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	104	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	70	100	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	17	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	18	21	21			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			25	40	14	40			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	2	50	100			
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54			
54	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
Chattogram Zone Total				2226	2166	691.8	962	1589	1790	148	0	
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	80	125	125	55		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	0	0	0	0	134		Gas Shortage
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	37	33	37	37			
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	0	0	0	0			
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	350	285	360	360			
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	335	295	335	360			
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	0	0	0			
61	Ashuganj 195MW PP (APSCL-	Gas (IPP)	20*9.73+1*16	195	195	54	167	150	185			
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	40	100	150			
64	Titao 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	80	0	0	163	Under Maint.	23.12.19
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	150	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	17	20	20	20			
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+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			
**	Impoprt (Tripura)	India		160	160	72	90	90	105			
Cumilla Zone Total				2927	2867	1051	1199	1476	2065	318	163	
74	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	156	157	150	150			
75	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	20	22	22			
76	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	94	95	95			
77	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	30	100	115			
78	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	0	100	200			
79	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.3	0	1.6	0			
Mymensingh Zone Total				645	637	156.3	301	468.6	582	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	20.12.19 (Yesterday)		21.12.19 (Today)		20.12.19 (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						
80	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60										
81	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	89	89	85	89										
82	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	44	45	51	51										
83	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44										
84	Kushlaria 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	163	163	163										
85	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11										
86	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	58	57	66	66										
87	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	90	135		330	Under Maint.	25.12.19						
88	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	40	79	79	79										
89	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	0	0	0	0		142	Under Overhauling	31.01.20						
90	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	17	17	17										
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	28	38	40	40										
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10										
93	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	24	24	24	24										
94	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	0	0	0										
95	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	319	300	400	400										
Sylhet Zone Total				1944	1899	847	943	1140	1189	0	472								
96	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	40										
97	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	275	255	300	300										
98	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	25										
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	13	4	30	70										
100	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	200										
101	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	0	0	115										
102	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	80	100										
103	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40										
104	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	50	105										
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	32	32	100										
**	Bheramara (HVDC)	India		1000	1000	176	443	203	649										
Khulna Zone Total				2328	2314	464	734	735	1744	0	0								
106	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30										
107	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	80	110	70	110										
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	5	9	20	20										
109	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	65	65	60	65										
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	95	95										
Barishal Zone Total				472	462	150	184	245	320	0	0								
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	50	50	50	50	21		Gas Shortage							
112	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	50	18	50	50										
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	25	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	Santhar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36										
121	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	130	198	210	210										
122	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage							
123	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	130	182	220	220										
124	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	306	445	400	430										
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22										
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	14	14	14										
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	0	0	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	50	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	721	979	1502	1796	341	0								
131	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance	21.12.19						
132	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Shutdown for Low Demand							
133	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	180	180	250	260										
134	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17										
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	50	113	113										
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17										
137	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	1.2	0	8	0										
Rangpur Zone Total				685	605	181	230	371	407	0	170								
Sub-total: Plants in operation				19467	18944	5827.3	7597	11015	14070	1551	1220								
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						5476	7004	10351	13222										
(B) Contract expired power plants																			
136	Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0			Contract expired							
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract expired							
Sub-Total: Plants under long term maintenance				103	103	0	0	0	0										
Gross Total				19570	19047	5827.3	7597	11015	14070	1551	1220								
(C) Actual data of 20.12.19 (Yesterday) Friday :																			
01.	Max. Demand (Generation end)	:	7597.00	MW,	at =	20:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :											
02.	Max. Demand (Sub-station end)	:	7004.00	MW,	at =	20:00 hrs P	03.	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed					
03.	Highest Generation (Generation end)	:	7597.00	MW,	at =	20:00 hrs	04.	MW	MW	MW	MW	MW	MW	MW					
04.	Minimum Generation (Generation end)	:	5075.00	MW,	at =	5:00 hrs	05.	MW	MW	MW	MW	MW	MW	MW					
05.	Day-peak Generation (Generation end)	:	5827.30	MW,	at =	12:00 hrs	06.	MW	MW	MW	MW	MW	MW	MW					
06.	Evening-peak Generation (Generation end)	:	7597.00	MW,	at =	20:00 hrs	07.	MW	MW	MW	MW	MW	MW	MW					
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	20:00 hrs P	08.	MW	MW	MW	MW	MW	MW	MW					
08.	Actual Minimum Generation up to 8:00 hrs.	:	4596.00	MW,	at =	5:00 hrs am	09.	MW	MW	MW	MW	MW	MW	MW					
09.	Generation shortfall at evening peak due to :	:					10.	Total											
	a) Gas limitation	:	1403	MW			11.	7004											
	d) Coal supply Limitation	:	0	MW			12.	7004											
	b) Low water level in Kaptai lake	:	148	MW			13.	18162054											
	c) Plants under shut down/ maintenance	:	1220	MW			14.	138326720											
10.	Total Energy (Generation + India Import)	:	144.18	MKWh			15.	Taka											
	By Gas = 124.417 MKWh			By Oil = 6.326 MKWh			16.	Taka											
	By Coal = 4.441 MKWh			By Hydro = 1.933 MKWh			17.	Taka											
	By Solar= 0.149 MKWh						18.	Taka											
11.	Total Gas Supplied	:	995.34	MMCFD			19.	Taka											
(D) Forecast of 21.12.19 (Today) Saturday :																			
01.	Maximum Demand	:	8500	MW	(Generation end)		04.	0 MW											
02.	Maximum Generation	:	14070	MW	(Generation end)		05.	161.32 MKWh											
03.	Maximum Shortage	:	-5570	MW	(Generation end)		06.	23.2° C											
* Captive Power ** Imported Power																			
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00																			
(MONIRUZZAMAN) Deputy Secretary, Generation																			