



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9531095

Month December, 2019				Day : Sunday				Date : 22.12.19					
Probable Maximum Demand : 8500 MW				Probable Maximum Generation : 14150 MW				Rule Curve = 104.00 ft.					
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 97.05 ft				Today = 96.91 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.12.19 (Yesterday)		22.12.19 (Today)		21.12.19 (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)			
(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.	25.12.19
	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	150	152	200	200	28		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	50	200		365	Was Under Maint.	
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	107	104	108	108				
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	83	82	60	60				
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	365	259	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	300	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	357	346	320	360				
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	37	40	100	100	170		Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	365	336	335	335				
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	30	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0				
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	40	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	15	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	7	80	93	93				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	22	22				
21	Summit Power.(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	10	57	57	57				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	17	0	33	33				
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	8	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	34	88	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	50	149	149				
27	Katpodi 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	46	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	25	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)	25x6.14	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	2024	2241	3598	4437	648	415		
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	81	82	42	42	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	5.2	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	18.6	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	48	50	50				
43	Sikalbaha 105 MW PP (Baraka Siku	HFO (IPP)	6x18.415	105	105	0	0	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	135	134	150	150				
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	205	191	215	215				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	50	103	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	100	100	100				
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	0	0	0	0				
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	18	21	21				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	23	14	40				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	12	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	754.8	951	1551	1752	148	0		
55	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	125	130	125	125	5		Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	0	0	0	0	129			
	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	37	37	37	37				
57	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1775	221	221	0	0	0	0				
58	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	360	325	360	360				
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	320	350	335	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+1'16	195	195	45	158	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	0	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	40	40	90	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	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	3	13	20	20				
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x11.4+40x1515+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	69	0	114				
**	Impoprt (Tripura)	India		160	160	80	104	83	103				
Cumilla Zone Total				2927	2867	1073	1335	1509	2153	268	163		
74	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	135	110	150	150				
75	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22				
76	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	94	95	95				
77	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	70	100	115				
78	Myensingh 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				
Myensingh Zone Total				645	637	143.3	296	468.6	582	0	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.12.19 (Yesterday)		22.12.19 (Today)		21.12.19 (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	87	85	89				
82	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	43	45	51	51				
83	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
84	Kushlira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163				
85	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	8	11	11				
86	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	31	69	66	66				
87	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	109	160	160	221	Under Maint.	25.12.19	
88	Shahjibazar 86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	73	76	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	39	43	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	16	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	355	369	400	400				
Sylhet Zone Total				1944	1899	929	1089	1210	1214	0	363		
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	315	325	0	40				
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	4	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	32	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	24	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	15	32	32	100				
**	Bheramara (HVDC)	India		1000	1000	195	633	307	654				
Khulna Zone Total				2328	2314	529	1050	539	1489	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	32	110	70	110				
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	8	9	20	20				
109	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	65	65	65	65				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	95	95				
Barishal Zone Total				472	462	105	184	250	320	0	0		
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	50	50	50	50	21	Gas Shortage		
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Gas Shortage		
112	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
113	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
114	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45				
115	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
116	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	34	34	80	100				
117	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40				
118	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	40	40				
119	Santhar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36				
120	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	180	180	210	210				
121	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0	220	Gas Shortage		
122	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	113	220	220				
123	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	344	374	400	430				
124	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
125	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	15	14	14				
126	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	0	0	11	11				
127	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
128	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	90	113	113				
129	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	0	113				
Rajshahi Zone Total				2193	2183	694	928	1502	1796	341	0		
130	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	21.12.19	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Shutdown for Low Demand		
131	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	180	180	250	260				
132	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
133	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	110	113	113				
134	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
135	Majpara, Tatula 8 MW Solar PP (Sympa	Solar (IPP)	1 x 8	8	8	2	0	8	0				
Rangpur Zone Total				685	605	182	290	371	407	0	170		
Sub-total: Plants in operation				19467	18944	6434.1	8364	10999	14150	1405	1111		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6153	7845	10519	13533				
(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	6434.1	8364	10999	14150	1405	1111		
(C) Actual data of 21.12.19 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	8364.00	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)	:	7845.00	MW, at =	19:00 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	8364.00	MW, at =	19:00 hrs	Dhaka	2816	2816	0	Mymensingh	642	642	0
04.	Minimum Generation (Generation end)	:	4596.00	MW, at =	5:00 hrs	Chattogram	880	880	0	Sylhet	329	329	0
05.	Day-peak Generation (Generation end)	:	6434.10	MW, at =	12:00 hrs	Khulna	1005	1005	0	Barishal	231	231	0
06.	Evening-peak Generation (Generation end)	:	8364.00	MW, at =	19:00 hrs P	Rajshahi	1005	1005	0	Rangpur	231	231	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:00 hrs P	Cumilla	706	706	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5021.00	MW, at =	5:00 hrs am								
09.	Generation shortfall at evening peak due to :												
	a) Gas limitation	:	1257	MW		13.	Fuel cost :		(a) Gas = 125689600 Taka	(c) Coal = 17930151 Taka			
	d) Coal supply Limitation	:	0	MW			(b) Oil = 76615399 Taka		Total = 143619751 Taka				
	d) Low water level in Kaptai lake	:	148	MW									
	c) Plants under shut down/ maintenance	:	1111	MW		14.	Maximum Temperature in Dhaka was : 15.5° C						
10.	Total Energy (Generation + India Import) :												
	By Gas = 128.011 MKWH			By Oil = 8.274 MKWh		15.	Export through East-West interconnections :						
	By Coal = 4.384 MKWH			By Hydro = 1.889 MKWh			At evening peak-hour		-310	MW, at	19:00 hrs PM		
	By Solar= 0.162 MKWH						Maximum		-405	MW, at	8:00 hrs		
							Energy		4.4445	MKWh			
11.	Total Gas Supplied	:	1073.94.86	MMCFD									
(D) Forecast of 22.12.19 (Today) Sunday :													
01.	Maximum Demand	:	8500	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14150	MW	(Generation end)	05.	Total Generation : 153.67 MKWh						
03.	Maximum Shortage	:	-5650	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 24.6° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation