

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month December, 2021						Day : Friday				Date : 31.12.21					
Probable Maximum Demand : 8500 MW						Probable Maximum Generation : 12355 MW									
Water Level of Kaptai Lake at 06:00 AM						Yesterday = 98.63 ft		Today = 98.51 ft		Rule Curve = 103.10 ft					
Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.12.21 (Yesterday)		31.12.21 (Today)		30.12.21 (Yesterday)		31.12.21 (Today)		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	Ghorasal Repowered CCGP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0		260		Under project work		
2	a) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	100	100	100	100	80			Gas Shortage		
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190			Gas Shortage		
3	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	230	230	230	230	135			Gas Shortage		
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	108			Gas Shortage		
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0		105		CB Problem		
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20			Gas Shortage		
7	Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	197	180	200	250	180			Gas Shortage		
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	240	235	235	235	215			Gas Shortage		
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115		Under Overhauling		
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0	412			Gas Shortage		
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	105	105		Gas Shortage		
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	217	118		Gas Shortage		
13	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0	305			Gas Shortage		
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	45	55	55	55						
15	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	11	11	11	11						
16	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	102	102	102	102						
17	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22						
18	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	34	34	35	35						
19	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x6.73	33	33	25	18	16	16						
20	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x6.73	33	33	25	10	33	33						
21	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	44	51	51	51						
22	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	105	105	105	105						
23	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	82	132	149	149						
24	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	35	35	35						
25	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	230	230	300	300						
26	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	111	149	149	149						
27	Keranigonj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	129	300	300						
28	Bramhangoan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	25	60	100	100						
29	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	25	100	50	100						
30	Nababganj 55 MW PP (Southern powe	HFO (IPP)	3x19.3	55	55	17	17	35	35						
31	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55						
32	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	104	104	104	104						
33	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	108	162	162	162						
34	Manikgonj 35MW Solar PP (Inspectra	Solar (IPP)	1x35	35	35	10	0	30	0						
	Kanchan Purbachal Power Generation	HFO (IPP)				55	55	55	55				On test		
Dhaka Zone Total				5717	5560	2034	2378	2719	2789	1967	703				
35	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	86	86	84	86	144			Low water level & maint.		
36	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0		180		Under maint.		
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	100	150	100	150						
37	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4	0	5	0						
38	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	17	25	25						
39	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19	0	20	0						
40	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	46	50	50	50						
41	Sikalbaha 105 MW PP (Baraka Sikalb	HFO (IPP)	6x18.415	105	105	90	85	105	105						
42	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		150		Under maint.		
43	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		225		HGPI awaiting		
44	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	135	95	300	300						
45	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	10	100	100						
46	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	90	90	90	90						
47	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	51	70						
48	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0				Environment Issue		
49	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	20	19	19						
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			10	18	10	30						
50	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	50	50	90	90						
51	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	36	36	54	54						
52	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	110	110	110	110						
53	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	90	100	100	100						
54	Chattogram 116 MW PP (Anlima Energ	HFO (IPP)	6x21.06	116	116	51	51	116	116						
Chattogram Zone Total				2442	2382	936	1019	1429	1495	144	555				
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	80	80	90	90	54			Gas Shortage		
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	10	29	30	30						
57	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	162	0	200	220						
58	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	270	300	350	350	60			Gas Shortage		
59	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	160	160	180	200	200			Gas Shortage		
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	47	10	10	8			Gas Shortage		
61	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8	187			Gas Shortage		
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51						
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	115	118	135	137						
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	36	50	50	50						
65	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	140	122	141	141						
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	17	200	200						
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	21	22	22						
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11						
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	14	16	33	33						
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	52	52	52	52						
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	9	9	9	9						
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	99x1.4+40x1.515+15x1.056	200	200	0	20	0	200						
73	Feni 11.4 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	17	114	114						
74	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	98	117	113	113						
75	Bhairob 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	17	17						
	Chandpur 115(Doreen)	HFO (IPP)				0	0	0	0				On Test		
**	Impoport (Tripura)	India		160	160	80	95	138	164						
Cumilla Zone Total				30											

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.12.21 (Yesterday)		31.12.21 (Today)		30.12.21 (Yesterday)		Status of Machines under shut-down/ Maintenance		
							Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
84	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	43	42	43		27	Under maint.			
85	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	43	43		60	Under maint.			
86	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	53	51	51						
87	Kushiara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163						
88	Hobiganj 11MW PP Cofidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11						
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	67	69	72	72						
90	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.			
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	78	79	80	80						
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	105	170	200						
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18						
94	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10						
95	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	21	24	24	24						
96	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	0	0	0	0		341	Under maint.			
97	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0						
98	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	370	410	400	400						
99	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0						
Sylhet Zone Total					2422	2377	861	1015	1084	1115	0	758			
100	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0						
101	Bheramara 410 MW CCPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Gas Shortage			
102	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	4	0	30						
103	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	40						
104	Khulna 225 MW CCPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	220						
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	50	50	100						
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	105	105	105	105						
107	Madhumati 100 MW PP	HFO (NWPGCL)	6x18.415	105	105	0	0	0	100						
	Mongla Orion 100 MW Solar PP	Solar (IPP)				48	0	10	0						
**	Bheramara (HVDC)	India		1000	1000	415	696	575	671						
Khulna Zone Total					2133	2129	568	855	740	1266	410	0			
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	110	110						
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	15	23	20	22						
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	65	68	90	90		126	Under maint.			
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	11	11	11	11						
112	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	310	450	620	620		794	Line Overload			
113	Potuaakhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	0	150						
114	Bhola 220MW CCPP (Nutan Bidyut BD)	Gas/HSD (IPP)	2x75+1x70	220	220	221	220	200	220						
Barishal Zone Total					2046	2046	622	772	1051	1223	0	920			
115	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage			
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage			
116	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	50	50	50	50						
117	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	60	200	200						
118	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	17	30	30						
119	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	25	25						
120	Chapainawabganj 100 MW Peaking PF	HFO (PDB)	12x8.924	104	104	0	100	90	100						
121	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	16	32	30	33						
122	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	43	43	50	50						
123	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	36	35	0	36						
124	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage			
125	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGCL)	1x150 + 1x75	220	220	0	0	0	0	220		Gas Shortage			
126	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGCL)	1x141+1x79	220	220	213	199	200	200						
127	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	427	396	400	400						
128	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22						
129	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11						
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	52	52	52	52						
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	95	95	113	113						
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	94	110	113	113						
133	Sirajgonj 6.55 MW Solar	Solar (NWPGCL)	1x6	6	6	2	0	6	0						
Rajshahi Zone Total					2179	2179	1061	1222	1392	1435	601	0			
134	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal shortage			
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling			
135	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	200	199	200	200	75		Coal shortage			
136	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0						
137	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	112	112	113	113						
138	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0						
139	Majipara, Tatulia 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	4	0	8	0						
Rangpur Zone Total					685	605	316	311	321	313	160	85			
Sub-total: Plants in operation					21435	20934	8088.0	9302	11219	12335	4205	3021			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7841	9018	10876	11978						
(B) Plants under long term maintenance/ contract expired															
140	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	20			Running for test purpose			
141	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0						
142	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired			
143	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0						
144	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020			
145	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired on 07/05/2021			
146	Khulna 115 MW PP (KPCL-2)	HFO (QRPP)	7x17	115	0	0	0	0	0			Contract Expired on 31/05/2021			
Sub-Total: Plants under long term maintenance/ contract expired					596	0	0	0	0	20					
Gross Total					22031	20934	8088	9302	11219	12355	4205	3021			
(C) Actual data of 30.12.21 (Yesterday) Thursday :															
01.	Max. Demand at eve. peak (Generation end)			:	9302.00	MW,	at = 19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand at eve. peak (Sub-station end)			:	9018.00	MW,	at = 19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)			:	9302.00	MW,	at = 19:00 hrs	Dhaka	3283	3283	0	Mymensingh	724	724	0
04.	Minimum Generation (Generation end)			:	5947.00	MW,	at = 5:00 hrs		1093	1093	0	Sylhet	335	335	0
05.	Day-peak Generation (Generation end)			:	8088.00	MW,	at = 12:00 hrs	Chattogram	1082	1082	0	Barishal	248	248	0
06.	Evening-peak Generation (Generation end)			:	9302.00	MW,	at = 19:00 hrs	Khulna	889	889	0	Rangpur	613	613	0
07.	Evening Peak Load-shed (Sub-station end)			:	0.00	MW,	at = 19:00 hrs	Rajshahi	751	751	0				
08.	Minimum Generation Forecast up to 8:00 hrs.			:	5879.00	MW,	at = 5:00 hrs	Cumilla							
09.	Generation shortfall at evening peak due to :			:				13.	Fuel cost :			Total	9018	9018	0
a)	Gas limitation			:	3901	MW	(a) Gas =			93581089	Taka	(c) Coal =	69765077	Taka	
d)	Coal supply Limitation			:	160	MW	(b) Oil =			457843313	Taka	Total =	621189479	Taka	
b)	Low water level in Kaptai lake			:	144	MW									
c)	Plants under shut down/ maintenance			:	3021	MW									
10.	Total Energy (Generation + India Import)			:	184.63	MKWh		14.	Maximum Temperature in Dhaka was : 26.1° C						
	By Gas = 92.161 MKWH				By Oil = 61.581 MKWh		15.	Export through East-West interconnections :							
	By Coal = 14.755 MKWH				By Hydro = 2.047 MKWh			At evening peak-hour		:	214	MW,			