

**Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation
Tel: 9564667, 9551095

Month December, 2020				Day : Sunday				Date : 27.12.20					
Probable Maximum Demand :			9000 MW	Yesterday =			98.54 ft	Probable Maximum Generation :			13547 MW		
Water Level of Kaptai Lake at 06:00 AM													
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	Today = 98.46 ft		26.12.20 (Yesterday)		27.12.20 (Today)		Rule Curve = 103.50 ft		
					Actual Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :	Status of Machines under shut-down/ Maintenance	Probable start-up date	26.12.20 (Yesterday)			
										Day	Evening	Day	Evening
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	0	0	0	0	0	85	Under maint.
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	94	94	94	94	76	180	Gas Shortage	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	STG Commissioning	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under maint.	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	330	330	330	330				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	12	11	10	10				
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78			Gas Shortage
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105			Gas Shortage
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20			Gas Shortage
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	351	317	340	340				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	225	225	225	225	225			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 CCPP	Gas (EGCB)	1x273+1x139	412	412	383	393	412	412				
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210			Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0		335		Under maint.
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	24	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0	305			Gas Shortage
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	7	100	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	32	48	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	40	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	26	85	85				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	0	100	100				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	16	16				
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+1x8.73	80	80	41	58	58	58				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	17	17	17	17				
23	Rupganj 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	0	0	105	105				
26	Kodda 150MW PP	HFO (BPD&RPCL)	9x17.06	149	149	0	133	150	150				
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50				
28	Kamalaghat 54 MW PP (Banos Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	101	286	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	62	112	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300				
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+9x1.959	100	100	0	0	50	100				
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+9x1.959	100	100	0	0	60	100				
34	Nababganj 55 MW PP (Southern po)	HFO (IPP)	3x19.3	55	55	0	17	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	55	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0				
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	17	104	104	104				
38	Manikganj 162MW PP(MPL)	HFO (IPP)	9x18	162	162	0	0	100	160				
Dhaka Zone Total				6281	6057	1740	2496	3459	3809	1019	905		
39	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	45	47	49	49	183			Low Water Level
40	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	0	0	0	0		180		Under maint.
41	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	4	0	5	0	0				
42	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25				
43	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	0	20	0				
44	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	27	50	50	50				
45	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	100	100				
46	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150			Gas Shortage
47	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	56	163	160	160	62			Gas Shortage
48	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	160	216	300	300				
49	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
50	Juldah 100 MW Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	90	90	100	100				
51	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	100	100				
52	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0				
53	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	0	19	19				
*	Malancha, Ctg EPZ (Unite)	Gas	5x8.73+3x9.34			7	24	15	15				
54	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	102	102				
55	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54				
56	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110				
57	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	0	60	100	100				
	Anlima Energy Ltd.	HFO (IPP)				0	0	0	0				
Chattogram Zone Total				2326	2266	462	755	1409	1384	575	180		
58	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	140	80	135	135	55			Gas Shortage
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	80	80	129	129				
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134			Gas Shortage
59	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	26	26	26	26				
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	0	0	0	0				
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	320	290	360	360				
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0		360		Under maint.
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	30	54	55	55				
64	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8	187			Gas shortage
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	51	51				
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	137	150	150				
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	50	50				
68	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	82	72	50	50				
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	85	200	200				
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	21	18	18				
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
72	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	33	25	33				
73	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	16	43	43				
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	22	20	22				
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+40x1.515+15x1.02	200	200	0	0	0	200				
76	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114				
77	Chowmahani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	0	113	113				
**	Impoort (Tirpura)	India		160	160	60	106	111	149				
Cumilla Zone Total				3040	2980	841	1092	1619	1917	376	360		
78	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	103	108	120	120	94			Gas Shortage
79	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20				
80	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	91	95	95				
81	Jamalpur 115 MW PP (Unite)	HFO (IPP)	12x9.87	115	115	53	115	115					

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.12.20 (Yesterday)		27.12.20 (Today)		26.12.20 (Yesterday)	26.12.20 (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)			
85	Fenchugonj	CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	20	30	30	30				
86	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	32	32	30	30				
87	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	5	8	51	51				
88	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	5	44	44				
89	Kushiana	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	0	163	163				
90	Hobiganj	11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	2	11	11	11				
91	Shahjibazar	GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	31	33	33	33				
92	Shajibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	152	151	155	155	179		Gas Shortage	
93	Shahjibazar	86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	72	72	86	86				
94	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	120	121	200	200				
95	Sylhet	20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	20	20				
96	Sylhet	50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
97	Sylhet	10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	0	0	0				
98	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	0	16	16				
99	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	160	280	320	320				
100	Bibiana-III	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400		Gas Shortage	
		Bibiyana South	400 MW	Gas (PDB)			300	330	300	300				
		Shahjibazar	100 MW GTPP	Gas (PDB)			0	0	100	100				
		Sylhet Zone Total			2033	1988	1077	1073	1559	1559	579	0		
101	Bheramara	GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
102	Bheramara	410 MW CCPP	Gas (NWPGL)	1 x 278+ 1 x 132	410	410	305	270	270	270	140		Gas Shortage	
103	Faridpur	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	35	35				
104	Gopalganj	100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	70	70				
105	Khulna	225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220				
106	Khulna	115 PP MW (KPC-2)	HFO (QRPP)	7x17	115	115	0	32	115	115				
107	Noapara	100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	0				
108	Noapara	40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40				
109	Rupsha	105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	90	90	90				
110	Madhumati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	569	805	579	819					
		Khulna Zone Total			2288	2284	874	1197	1299	1775	140	0		
111	Barisal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	80	110	110				
112	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	20	27	25	25				
113	Bhola	225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0	194		Under maint.	
114	Bhola	95 MW PP (Agreko)	Gas (QRPP)	1.1x96	95	95	10	10	10	10				
115	Payra	1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	300	540	600	660				
		Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				35	15	35	35				
		United Payra Power Ltd.	HFO (IPP)				0	18	0	0				
		Barishal Zone Total			1054	1054	365	690	780	840	0	194		
116	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	
117		Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
118		Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
119		Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40				
120		Ammura 50 MW PP (Sirha)	HFO (QRPP)	7x7.79	50	50	0	0	35	35				
121		Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	95	100	100				
122		Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50				
123		Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
124		Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	34				
125		Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0			Gas Shortage	
126		Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+ 1x75	220	220	0	0	0	0	220		Gas Shortage	
127		Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	162	180	220	220				
128		Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	410	403	400	400				
129		Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
130		Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0				
131		Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	9	11	11	11				
132		Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
133		Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	70	113	113				
134		Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	111	113	113				
		Rajshahi Zone Total			2193	2183	603	892	1366	1490	601	0		
135	a)	Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	60	63	88	88				
	b)	Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
136		Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	0	0	0	0	274		Under maint.	
137		Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
138		Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	56	113	113	113				
139		Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
140		Majpara, Tatulia 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	4	0	8	0				
		Rangpur Zone Total			685	605	120	176	209	201	85	274		
		Sub-total: Plants in operation			20595	20104	6305.0	8775	12302	13547	3469	1913		
		Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss					5971	8310	11650	12829				
(B) Contract expired power plants														
		Sub-Total: Plants under long term maintenance			0	0	0	0	0	0				
		Gross Total			20595	20104	6305	8775	12302	13547	3469	1913		
(C) Actual data of 26.12.20 (Yesterday) Saturday :														
01.	Max. Demand (Generation end) :				8775.00	MW, at = 19:30 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end) :				8310.00	MW, at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end) :				8775.00	MW, at = 19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end) :				5081.00	MW, at = 5:00 hrs	Dhaka	2953	2953	0	Mymensingh	687	687	0
05.	Day-peak Generation (Generation end) :				6305.00	MW, at = 12:00 hrs	Chattogram	904	904	0	Sylhet	311	311	0
06.	Evening-peak Generation (Generation end) :				8775.00	MW, at = 19:30 hrs	Khulna	1073	1073	0	Barishal	235	235	0
07.	Evening Peak Load-shed (Sub-station end) :				0.00	MW, at = 19:30 hrs	Rajshahi	846	846	0	Rangpur	576	576	0
08.	Actual Minimum Generation up to 8:00 hrs. :				5545.00	MW, at = 7:00 hrs	Cumilla	725	725	0				
09.	Generation shortfall at evening peak due to :						Total	8310	8310	0				
	a) Gas limitation :				3201	MW	13.	Fuel cost :	(a) Gas = 112825785	Taka	(c) Coal = 53650250	Taka		
	d) Coal supply Limitation :				85	MW		(b) Oil = 194781729	Taka	Total = 361257765	Taka			
	b) Low water level in Kaptai lake :				183	MW	14.	Maximum Temperature in Dhaka was :	26.4° C					
	c) Plants under shut down/ maintenance :				1913	MW	15.	Export through East-West interconnections :						
10.	Total Energy (Generation + India Import) :				160.00	MKWh		At evening peak-hour :	60	MW, at 19:30 hrs				
	By Gas = 106.694				MKWh	24.891	MKWh	Maximum :	-81	MW, at 24:00				
	By Coal = 11.674				MKWh	1.123	MKWh	Energy :	0.374	MKWh				
	By Solar = 0.352				MKWh									
11.	Total Gas Supplied :				837.13	MMCFD								
(D) Forecast of 27.12.20 (Today) Sunday :														
01.	Maximum Demand :				9000	MW (Generation end)	04.	Maximum Load-shed :	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation :				13547	MW (Generation end)	05.	Total Generation :	164.10	MKWh				
03.	Maximum Shortage :				-4547	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	24.7° C					

* Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation