

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month November, 2020				Day : Sunday				Date : 29.11.20				
Probable Maximum Demand : 9200 MW				Probable Maximum Generation : 14246 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 100.91 ft	Today = 100.73 ft.			Rule Curve = 106.30 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.11.20 (Yesterday)		29.11.20 (Today)		28.11.20 (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	0	0	0	0	85	Under maint.	
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Under maint.	
	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	115	115	115	115	75	Gas Shortage	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	200	200	200	200			
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	95	98	100	100			
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	50	73	78	78			
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage	
6	Haripur GTTP	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	338	359	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	225	225	225	225			
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	199	338	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	50	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	140	150	150			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	45	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	15	40	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	50	100			
19	Gagnagar 102 MW PP (Digital Powe	HFO (IPP)	12x8.924	102	102	8	58	100	100			
20	Narsinghdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	19	19			
21	Summit Power (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+1x8.73	80	80	37	57	58	58			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	0	21	21	21			
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	105	105	105			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	32	150	150			
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	50	50			
28	Kamalaghat 54 MW PP (Banco 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	0	140	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x1.4	300	300	0	0	100	300			
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurabhat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	60	100			
34	Nababganj 55 MW PP (Southern po	HFO (IPP)	3x19.3	55	55	0	0	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	35	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	90	90	90			
	Manikgonj 162MW PP	HFO (IPP)			168	168	162	162				
Dhaka Zone Total				6119	5895	1642	2487	3700	4040	410	885	
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	128	127	127	127	103	Low Water Level	
39	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.	
40	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	45	50	50			
44	Sikalbaha 105 MW PP (Baraka Siki)	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	100	139	140	140			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	219	203	215	225			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	141	300	300			
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
49	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	10	100	100	100			
50	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	17	34	102	102			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
52	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	20	20	20			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x10.0	108	108	0	0	100	100			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	54	54	54			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110			
56	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	10	100	100	100			
	Anlime Energy Ltd.	HFO (IPP)				0	0	0	0			
Chattogram Zone Total				2326	2266	548	983	1688	1673	283	180	
57	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	80	80	80			
	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	
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	29	29	30	30			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	205	182	225	225			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0	360	Under maint.	
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	370	280	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	25	25	8	8	30	Gas shortage	
63	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8	187	Gas shortage	
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	100	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	48	80	90	90			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	200	0	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	21	22	22			
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11			
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	33	33	33			
72	Jangalia 52 MW PP (Lakdhanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	9	21	20	21			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.04	200	200	0	0	0	200			
75	Feni 114 MW Power Plant(Lakdhanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	113	113	113			
**	Import (Tripura)	India		160	160	68	90	125	145			
Cumilla Zone Total				3040	2980	1085	1124	1692	1963	480	360	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	142	125	120	150	77	Gas Shortage	
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	17	17			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	8	17	17			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	70	115	115	115			
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	60	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0			
	Mymensingh PV 50 MW Solar PP	Solar (IPP)				48	0	50	0			
Mymensingh Zone Total				645	637	287	325	520.6	499	77	0	

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						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
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	40	60	60	60				
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	60	60	60	60				
85	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	45	53	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	44	44				
87	Kushiera 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIIPP, REB)	4x2.90	11	11	0	11	11	11				
89	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	30	66	32	32				
90	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	267	254	260	260				
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	50	80	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	90	130	150	150				
93	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	0	0	0				
94	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	0	0	0				
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	16	16	16				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	290	325	325				
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	143	398	400	400				
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total				2033	1988	1212	1628	1658	1658	0	0		
99	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	410	245	410	410				
101	Fardipur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
103	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	0	115	115				
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100				
106	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40				
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	90	90	90				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	404	405	407	407				
Khulna Zone Total				2288	2284	814	740	1162	1588	0	0		
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	14	27	27	27				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0		194	Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	14	94	95	95				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	280	520	600	600				
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				4	30	35	35				
	United Payra Power Ltd.	HFO (IPP)				0	0	0	0				
Barishal Zone Total				1054	1054	312	687	867	867	0	194		
114	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	50	0	0	0	71		Gas shortage	
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50				
116	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40				
118	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
119	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	8	0	100	100				
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50				
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0				
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	33				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	120	150	140	150	60		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	192	174	220	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	141	141				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	396	359	400	400				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	0	0				
129	Ullapara 11 MW PP (Summit)	Gas (SIIPP, REB)	4x2.90	11	11	8	11	11	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	113	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	113	113				
Rajshahi Zone Total				2193	2183	796	829	1562	1695	231	0		
133	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		Coal Shortage	
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	140	140	150	150				
135	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	113	113	113				
137	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
138	Majpara, Tatula 8 MW Solar PP (Symple Pt)	Solar (IPP)	1 x 8	8	8	5	0	8	0				
Rangpur Zone Total				685	605	145	253	271	263	170	0		
Sub-total: Plants in operation				20383	19892	6841.0	9056	13121	14246	1651	1619		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20383	19892	6841	9056	13121	14246	1651	1619		
(C) Actual data of 28.11.20 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	9056.00	MW,	at =	19:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	8553.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply
03.	Highest Generation (Generation end)	:	9056.00	MW,	at =	19:00 hrs	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5330.00	MW,	at =	5:00 hrs	Dhaka	3168	3168	0	Mymensingh	667	667
05.	Day-peak Generation (Generation end)	:	6841.00	MW,	at =	12:00 hrs	Chattogram	1008	1008	0	Sylhet	322	322
06.	Evening-peak Generation (Generation end)	:	9056.00	MW,	at =	19:00 hrs	Khulna	1036	1036	0	Barishal	236	236
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Rajshahi	835	835	0	Rangpur	555	555
08.	Actual Minimum Generation up to 8:00 hrs.	:	5683.00	MW,	at =	7:00 hrs and	Cumilla	726	726	0			
09.	Generation shortfall at evening peak due to :	:					Total			8553	8553	0	
	a) Gas limitation	:	1378	MW			13.	Fuel cost :	(a) Gas =	129202720	Taka	(c) Coal =	54367338
	d) Coal supply Limitation	:	170	MW					(b) Oil =	105058576	Taka	Total =	288628634
	b) Low water level in Kaptai lake	:	103	MW									
	c) Plants under shut down/ maintenance	:	1619	MW			14.	Maximum Temperature in Dhaka was : 29.8° C					
10.	Total Energy (Generation + India Import)	:	160.26	MKWh			15.	Export through East-West interconnections :					
	By Gas =	113.459	MKWh		20.285	MKWh		At evening peak-hour :					
	By Coal =	11.575	MKWh		2.980	MKWh		Maximum :					
	By Solar=	0.485	MKWh					Energy :					
11.	Total Gas Supplied	:	995.67	MMCFD									
(D) Forecast of 29.11.20 (Today) Sunday :													
01.	Maximum Demand	:	9200	MW	(Generation end)		04.	Maximum Load-shed :					
02.	Maximum Generation	:	14246	MW	(Generation end)		05.	Total Generation :					
03.	Maximum Shortage	:	-5046	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka : 30° C					

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation