



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month November, 2020		Day: Sunday				Date: 01.11.20					
Probable Maximum Demand :		11900 MW				Probable Maximum Generation : 14804 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 103.80 ft				Today = 103.76 ft					
Rule Curve =		109.00 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.10.20 (Yesterday)		01.11.20 (Today)		31.10.20 (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)	
(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	100	100	100	100		
	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	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	54	53	75	75		
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	353	353	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	360	400	450	450		
9	210 MW Siddhirganj 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	0	0	0	0	412	Under maint.
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	167	175	150	175	35	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	Under maint.
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	5	100	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	150	150	150		
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	2	88	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	90	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	6	55	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	33	50	100		
19	Gaagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	60	102	100	100		
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	19	19	19		
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x3.73	80	80	56	55	55	55		
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.75	33	33	33	33	33	33		
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.75	33	33	33	33	33	33		
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	52	51	52	52		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	87	105	88	88		
26	Kodda 150MW PP	HFO (BDOB-RPCL)	9x17.06	149	149	0	115	150	150		
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0		
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	174	286	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	30	111	134	134		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300		
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100		
33	Aurahati 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	17	37	55	55		
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	17	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	53	104	104	104		
Dhaka Zone Total				6119	5895	2194	3072	3447	3812	313	1117
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	160	160	160	160	70	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	115	120	120	65	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	2	0	5	0		
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25		
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	31	50	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	140	138	145	145		
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	204	203	221	221		
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	52	158	300	300		
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	10	100	100		
49	Juldah 100 MW Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	22	22	100	100		
50	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	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			2	18	10	20		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x10.0	108	108	0	83	90	90		
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	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	100	100	100	100		
Chattogram Zone Total				2326	2266	907	1207	1832	1817	135	180
57	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	70	70	80	80	59	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	5	5	5	5		
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	172	146	225	225		
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	280	260	300	300		
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	280	260	360	360	100	Under maint.
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	2	2	5	5	53	Gas shortage
63	Ashuganj 185MW 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	51	51	51	51		
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	35	110	150	150		
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	25	50		
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	86	85	90	90		
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	165	165		
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22		
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11		
71	Jangala 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33		
72	Jangala 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	52	25	52		
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	13	21	20	20		
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.44+8x1.515+15x1.08	200	200	0	0	0	200		
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	88	114	114		
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	26	113	113	113		
**	Impoort (Tripura)	India		160	160	110	136	163	173		
Cumilla Zone Total				3040	2980	1195	1469	1965	2227	568	100
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	123	107	150	150	95	Gas Shortage
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22		
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	25	25	25	25		
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	35	115	115	115		
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	170	200	200		
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	1.6	0		
	Mymensingh PV 50 MW Solar PP	Solar (IPP)				41	0	40	0		
Mymensingh Zone Total				645	637	225	439	553.6	512	95	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.10.20 (Yesterday)		01.11.20 (Today)		31.10.20 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)				Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening				
83	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	85	85	86	86			
84	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	40	30	30	30			
85	Fenchugonj 51 MW PP (Barakatulli)	Gas (RPP)	19x2.90	51	51	34	53	51	51			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	39	50	44	44			
87	Kushiera 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	110	110			
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	66	65	65			
90	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	158	159	160	160			
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	88	87	86	86			
92	Sylhet 225 MW CCGP	Gas (PDB)	1x142+1x89	231	231	205	184	200	200			
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18			
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	9	10	10	10			
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	25	25			
97	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	275	341	341			
98	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	352	401	400	400			
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0			
	Sylhet Zone Total			2033	1988	1513	1563	1637	1637	0	60	
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16			
100	Bheramara 410 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	345	345	410	410			
101	Faridpur 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 CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	220	220			
104	Khulna 115 PP MW (KPCCL-2)	HFO (QRPP)	7x17	115	115	0	98	115	115			
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	70	50	100			
106	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40			
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	35	35	105			
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	100	100	100			
**	Bheramara (HVDC)	India		1000	1000	915	915	925	925			
	Khulna Zone Total			2288	2284	1277	1503	1895	2121	0	0	
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	48	110	110			
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	14	24	33	33			
111	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0			
112	Bhola 95 MW PP (Agreko)	Gas (QRPP)	1.1x96	95	95	86	95	95	95			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	470	570	660	660			
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				0	38	38	38			
	Barishal Zone Total			1054	1054	570	775	936	936	0	194	
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	70	70	71		Gas Shortage
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	70	70	70	70	30		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	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	20	20	20			
119	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	96	100	100			
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	39	50	50			
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0			
122	Santarhar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	26	0	32			
123	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage
124	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	181	182	225	225			
125	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	187	186	220	220			
126	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	0	0	0	0			
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	18	18	18			
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	10	10	10			
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	0	24	52	52			
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	25	109	113	113			
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	110	113	113			
	Rajshahi Zone Total			2193	2183	492	901	1272	1394	311	0	
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	71	83	85	85	2		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	150	150	150	150			
135	Rangpur 20 MW GTPP	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	104	100	113			
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
138	Majpara, Tatulia 8 MW Solar PP (Sympha Pt)	Solar (IPP)	1 x 8	8	8	6	0	8	0			
	Rangpur Zone Total			685	605	227	337	343	348	87	0	
	Sub-total: Plants in operation			20383	19892	8600.0	11266	13881	14804	1509	1651	
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					8141	10665	13140	14014			
	(B) Contract expired power plants											
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0			
	Gross Total			20383	19892	8600	11266	13881	14804	1509	1651	
	(C) Actual data of 31.10.20 (Yesterday) Saturday :											
01.	Max. Demand (Generation end)			11266.00	MW, at = 19:00 hrs							
02.	Max. Demand (Sub-station end)			10665.00	MW, at = 19:00 hrs							
03.	Highest Generation (Generation end)			11266.00	MW, at = 19:00 hrs							
04.	Minimum Generation (Generation end)			7322.00	MW, at = 7:00 hrs							
05.	Day-peak Generation (Generation end)			8600.00	MW, at = 12:00 hrs							
06.	Evening-peak Generation (Generation end)			11266.00	MW, at = 19:00 hrs							
07.	Evening Peak Load-shed (Sub-station end)			0.00	MW, at = 19:00 hrs							
08.	Actual Minimum Generation up to 8:00 hrs.			7783.00	MW, at = 7:00 hrs and							
09.	Generation shortfall at evening peak due to :											
	a) Gas limitation			1352	MW							
	d) Coal supply Limitation			87	MW							
	b) Low water level in Kaptai lake			70	MW							
	c) Plants under shut down/ maintenance			1651	MW							
10.	Total Energy (Generation + India Import)			219.58	MKWh							
	By Gas = 132.827				MKWh							
	By Coal = 18.829				MKWh							
	By Solar= 0.284				MKWh							
11.	Total Gas Supplied			1130.17	MMCFD							
	By Gas = 132.827				MKWh							
	By Coal = 18.829				MKWh							
	By Solar= 0.284				MKWh							
	By Hydro = 39.095				MKWh							
	By Hydro = 3.782				MKWh							
	By Solar= 0.284				MKWh							
	By Hydro = 39.095				MKWh							
	By Hydro = 3.782				MKWh							
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	By Solar= 0.284				MKWh							
	By Hydro = 39.095				MKWh							