



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551995

Month October, 2020				Day : Thursday				Date : 01.10.20				
Probable Maximum Demand : 12600 MW				Probable Maximum Generation : 14405 MW				Rule Curve = 106.00 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 98.46 ft				Today = 98.60 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.09.20 (Yesterday)		01.10.20 (Today)		30.09.20 (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	200	150	170	170			
	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	165	Under maint.	
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	42	42	42	42			
4	Ghorashal 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	343	303	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	450	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 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	185	155	200	200	55	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	7	100	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	134	150	150	171	Gas shortage	
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	100	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	90	97	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	39	42	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	11	12	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	93	93	93	93			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power, (Madhadi+Ashulia)	Gas (SIIP, REB)	6x3.67+1x8.73	80	80	51	52	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	16	16	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	51	52	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	83	80	85	86			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	150	150	149	149			
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0			
28	Kamalaghat 54 MW PP (Barco 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	300	300	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	141	141	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	301	100	300			
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	99	50	100			
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	102	60	100			
34	Nababganj 55 MW PP (Southern p	HFO (IPP)	3x19.3	55	55	55	55	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55			
36	Bosila 108MW PP(ELC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	41	17	104	104			
Dhaka Zone Total				6119	5895	3017	3522	3591	3882	429	1357	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	42	43	44	44	187	Low Water Level	
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	120	120	120	60	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	25	25	25	25			
42	Teknaf 20MW PP (Solarsitech)	Solar (IPP)	1x20	20	20	20	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	50	50			
44	Sikalbaha 105 MW PP (Baraka Sik	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	140	139	140	145			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	204	204	221	221			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	162	162	300	300			
48	Juidah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	50	50	100	100			
49	Juidah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
50	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	51	102	100	100			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
52	Barabkunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	18	18	21	21			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	28	10	25			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	80	97	90	90			
54	Sikalbaha 54 MW Power Plant(Jodiad Power)	HFO (IPP)	3x18.55+1x3.6	54	54	36	54	54	54			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110			
56	Juidah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	1206	1292	1710	1705	247	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	0	0	0	0	129	Gas Shortage	
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	80	80	80	80			
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	179	215	225	225			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	360	360	Under MI	
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	260	280	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	52	55	55	55			
63	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	26	26	26	26	169	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	30	30	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	50	50	0	50			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	95	86	100	100			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	42	200	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	18	18	18	18			
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	5	8	8			
71	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33			
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	52	52	52			
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	20	21	21	21			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	40	0	200			
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	82	100	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	99	103	113	113			
**	Impoport (Tripura)	India		160	160	140	158	162	173			
Cumilla Zone Total				3040	2980	1337	1632	1798	2419	433	360	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	152	155	160	160	47	Gas Shortage	
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	14	17	17	17			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	0	0	0			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	105	115	115			
81	Mymensingh 200 MW PP (Limited)	HFO (IPP)	21x9.780	200	200	192	200	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	1.6	0			
Mymensingh Zone Total				645	637	474	477	493.6	492	47	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.09.20 (Yesterday)		01.10.20 (Today)		30.09.20 (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	Probable start-up date
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	58	60	60	60				
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30	60		GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	0	28	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	43	44	44				
87	Kushlira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	63	65	65				
90	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	194	186	200	200				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	84	88	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	100	140	140				
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	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	10	10	10	10				
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	24	25	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	280	341	341				
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400		Under maint.	
	Bibiyana South 400 MW	Gas (PDB)				165	0	0	0				
Sylhet Zone Total				2033	1988	1092	1104	1244	1244	0	460		
99	Bheramara GTPP 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	340	340	410	410				
101	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	3	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	120	223	225	225				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	99	103	115	115				
105	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	50	100				
106	Noapara 40 MW PP (Khanjahan Al	HFO (QRPP)	5x8.5	40	40	32	40	40	40				
107	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	72	72	90	90				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	32	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	917	918	935	935				
Khulna Zone Total				2288	2284	1612	1799	1965	2121	0	0		
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	64	80	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	26	39	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	60	60	65	65	134		GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	76	76	78	78				
113	Payra 1320 MW Unit-1	Coal (BCPL)	1x622	622	622	310	590	620	620				
Barishal Zone Total				1054	1054	536	845	906	906	0	134		
114	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	
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	50	50	0	50				
116	Baghabari 200 MW PP (Paramoun	HSD (IPP)	135x1.6	200	200	0	130	200	200				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	42	0	40				
118	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
119	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	97	100	100				
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	47	43	43				
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	34				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	141	145	145	69		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	180	153	150	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	190	162	220	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	399	356	414	0				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	21	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	10	10	10				
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	10	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	109	109	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	94	113	100	113				
Rajshahi Zone Total				2193	2183	1114	1494	1579	1373	171	69		
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	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	111	113	100	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
138	Majpara, Tatalia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	6	0	8	0				
Rangpur Zone Total				685	605	267	263	258	263	170	0		
Sub-total: Plants in operation				20383	19892	10655.0	12428	13545	14405	1497	2560		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						10213	11913	12983	13808				
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20383	19892	10655	12428	13545	14405	1497	2560		
(C) Actual data of 30.09.20 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	12428.00	MW, at = 20:00 hrs		12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	11913.00	MW, at = 20:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12428.00	MW, at = 20:00 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	9241.00	MW, at = 8:00 hrs		Dhaka	4186	4186	0	Mymensingh	967	967	0
05.	Day-peak Generation (Generation end)	:	10655.00	MW, at = 12:00 hrs		Chattogram	1196	1196	0	Sylhet	512	512	0
06.	Evening-peak Generation (Generation end)	:	12428.00	MW, at = 20:00 hrs		Khulna	1532	1532	0	Barishal	352	352	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs		Rajshahi	1244	1244	0	Rangpur	771	771	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	9083.00	MW, at = 7:00 hrs and		Cumilla	1153	1153	0				
09.	Generation shortfall at evening peak due to :	:								Total	11913	11913	0
	a) Gas limitation	:	1140	MW		13.	Fuel cost :	(a) Gas = 155612042	Taka	(c) Coal = 74668766	Taka		
	d) Coal supply Limitation	:	170	MW				(b) Oil = 755132508	Taka	Total = 985413316	Taka		
	b) Low water level in Kaptai lake	:	187	MW									
	c) Plants under shut down/ maintenance	:	2560	MW		14.	Maximum Temperature in Dhaka was :	35.1° C					
10.	Total Energy (Generation + India Import)	:	262.94	MKWh		15.	Export through East-West interconnections :						
	By Gas = 131.818	MKWh		By Oil = 88.377	MKWh		At evening peak-hour	:	264	MW, at	20:00 hrs		
	By Coal = 16.140	MKWh		By Hydro = 0.967	MKWh		Maximum	:	37	MW, at	23:00 hrs		
	By Solar= 0.195	MKWh					Energy	:	0.001	MKWh			
11.	Total Gas Supplied	:	1150.89	MMCFD									
(D) Forecast of 01.10.20 (Today) Thursday :													
01.	Maximum Demand	:	12600	MW (Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14405	MW (Generation end)		05.	Total Generation	:	266.58	MKWh			
03.	Maximum Shortage	:	-1805	MW (Generation end)		06.	Probable Max. Temperature in Dhaka :	:	32.7° C				

* Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation