



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month October, 2020				Day : Thursday				Date : 29.10.20					
Probable Maximum Demand : 11800 MW				Probable Maximum Generation : 14942 MW				Rule Curve = 108.70 ft.					
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 103.98 ft				Today = 103.97 ft.					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.10.20 (Yesterday)		29.10.20 (Today)		28.10.20 (Yesterday)		29.10.20 (Today)		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance		
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
(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	150	150	0	0				
	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	32	32	68	68				
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	60	78	78		Gas Shortage	
5	Tongi 80 MW GTTP	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	283	285	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	300	300	450	450				
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	0	0	0	0		412	Under maint.	
11	Siddhirgonj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	155	130	200	200	80		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 Bangle)	HFO (QRPP)	12x8.9	100	100	0	100	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	260	275	305	305				
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	100	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	97	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	40	40	40				
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	102	102	100	100				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	19				
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	46	55	55	55				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33				
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	51	51	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	88	88	88	88				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	150	150	150				
27	Katpotti 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	245	300	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	16	149	134	134				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300				
32	Bramhanganj 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	0	35	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	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	104	104	104	104				
Dhaka Zone Total				6119	5895	2286	3052	3590	3948	358	1117		
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	157	158	160	160	72		Low Water Level	
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	115	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	5	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	19	0	20	0				
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	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	139	104	145	145				
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	230	204	221	221				
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	122	162	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	22	22	22	22				
50	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	102	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	17	20	20	20				
*	Melancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	16	8	30				
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	90	90	90				
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	53	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	1031	1205	1752	1749	137	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	80	80	80	80	49		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	26	29	29	29				
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1x75	221	221	182	188	225	225				
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	270	310	350	350				
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	260	275	250	360	85		Under maint.	
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5	50		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	43	43	43				
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	130	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	74	75	75	75				
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	164	164				
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22				
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33				
72	Jangalia 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	15	20	20	20				
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+8x1.5+15x1.05	200	200	0	0	0	200				
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	34	17	114				
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	36	113	113	113				
**	Import (Tirupura)	India		160	160	130	160	163	172				
Cumilla Zone Total				3040	2980	1192	1585	1808	2276	555	85		
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	102	103	150	150	99		Gas Shortage	
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	17	25	25	25				
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115				
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	50	180	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)				46	0	40	0				
Mymensing Zone Total				645	637	353	445	553.6	512	99	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	84	87	86	86				
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 (Barakatuli)	Gas (RPP)		51	51	11	53	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	50	44	44				
87	Kushiana 163 MW CCPP (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 GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	51	65	65				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	159	156	160	160				
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	82	84	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	178	170	180	200				
93	Sylhet 20 MW GTTP	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	10	9	10	10				
96	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	24	24	25	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	310	341	341				
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	403	401	400	400				
	Bibiyana South 400 MW	Gas (PDB)				268	0	0	0				
Sylhet Zone Total						1746	1564	1617	1637	0	60		
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	345	345	410	410				
101	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	16	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	220	220				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	99	115	115				
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	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	90	105	105	105				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	932	932	938	938				
Khulna Zone Total						2288	2284	1367	1537	1978	2134	0	194
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	64	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	16	27	33	33				
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	86	92	95	95				
113	Payra 1320 MW Unit-1	Coal (BCPL)	1x622	622	622	470	570	500	530				
Barishal Zone Total						1054	1054	572	753	738	768	0	194
114a	Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	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	20	20	20				
119	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	24	100	100				
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	50	50				
121	Katakali 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	32				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	182	155	225	225				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	193	161	220	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	401	419	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	18	18	18				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10				
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	109	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	35	113	113				
Rajshahi Zone Total						2193	2183	816	992	1546	1668	381	0
133a)	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	149	150	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	98	100	100				
137	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
138	Majpara, Tatulia & MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	6	0	8	0				
Rangpur Zone Total						685	605	955	248	258	250	170	0
Sub-total: Plants in operation						20383	19892	9518.0	11381	13841	14942	1700	1636
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9103	10885	13237	14291				
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20383	19892	9518	11381	13841	14942	1700	1636		
(C) Actual data of 28.10.20 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	11381.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10885.00	MW, at = 19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11381.00	MW, at = 19:30 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	7680.00	MW, at = 7:00 hrs		Dhaka	3966	3966	0	Mymensingh	898	898	0
05.	Day-peak Generation (Generation end)	:	9518.00	MW, at = 12:00 hrs		Chattogram	1097	1097	0	Sylhet	593	593	0
06.	Evening-peak Generation (Generation end)	:	11381.00	MW, at = 19:30 hrs		Khulna	1263	1263	0	Barishal	298	298	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Rajshahi	1078	1078	0	Rangpur	644	644	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	7802.00	MW, at = 7:00 hrs and		Cumilla	1048	1048	0				
09.	Generation shortfall at evening peak due to :	:				Total		10885	10885	0			
a)	Gas limitation	:	1458	MW	13.	Fuel cost :	(a) Gas = 160892320	Taka	(c) Coal = 77088950	Taka			
d)	Coal supply Limitation	:	170	MW			(b) Oil = 298530791	Taka	Total = 536512061	Taka			
b)	Low water level in Kaptai lake	:	72	MW									
c)	Plants under shut down/ maintenance	:	1636	MW	14.	Maximum Temperature in Dhaka was :	33.4° C						
10.	Total Energy (Generation + India Import)	:	227.88	MKWh	15.	Export through East-West interconnections :							
	By Gas = 137.393	MKWh	43.904	MKWh		At evening peak-hour	:	48	MW, at	19:30 hrs			
	By Coal = 16.698	MKWh	By Hydro = 3.759	MKWh		Maximum	:	-3	MW, at	20:00 hrs			
	By Solar= 0.519	MKWh				Energy	:	0.015	MKWh				
11.	Total Gas Supplied	:	1147.44	MMCFD									
(D) Forecast of 29.10.20 (Today) Thursday :													
01.	Maximum Demand	:	11800	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	14942	MW (Generation end)	05.	Total Generation	:	236.27	MKWh				
03.	Maximum Shortage	:	-3142	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	33.7° C						
* Captive Power ** Imported Power													
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00													
(Faouzi Islam Shaker) Deputy Secretary, Generation													