



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month October, 2020		Probable Maximum Demand :		12300 MW		Yesterday =		100.87 ft		Today =		101.42 ft		Probable Maximum Generation :		14201 MW		Date : 07.10.20	
Sl. No.	Name of Power Station	Fuel	Type	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.10.20 (Yesterday)		07.10.20 (Today)		Rule Curve =		06.10.20 (Yesterday)		Status of Machines under shut-down/ Maintenance				
							Actual Peak Generation (MW)		Probable Peak Generation (MW)		06.10.20		06.10.20						
							Day	Evening	Day	Evening	Gen. shortfall for : 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	Ghorasal 108MW PP (Regent)	Gas	(IPP)	3x43.35	108	108	42	43	100	100									
4	Ghorasal 78.5 MW PP(MAX)	Gas	(QRPP)	2x40	78	78	0	0	78	78			78	Gas Shortage					
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	333	353	360	360									
8	Meghnaghat 450 MW CCPP(MPL)	Gas	(IPP)	2x140+1x170	450	450	340	400	225	225									
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	125	150	200	200			60	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	32	100	100									
14	Meghnaghat CCPP(Summit)	GAS	(IPP)	2x110+1x110	305	305	290	275	305	305									
15	Meghnaghat 100 MW(IEI)	HFO	(QRPP)	12x8.9	100	100	99	100	100	100									
16	Madanganj 102 PP(Summit)	HFO	(QRPP)	6x17	102	100	81	97	100	100									
17	Madanganj-55 MW PP(Summit)	HFO	(IPP)	5x17.08+1x11.3	55	55	40	40	55	55									
18	Keraniganj 100 MW PP (Powerpac)	HFO	(QRPP)	8x13.45	100	100	0	12	10	10									
19	Gagnagar 102 MW PP (Digital Pow)	HFO	(IPP)	12x8.924	102	102	94	94	94	94									
20	Narsingdi 22 MW PP (Doreen)	Gas	(SIIP, REB)	8x2.90	22	22	0	22	22	22									
21	Summit Power,(Madhabdi-Ashulia)	Gas	(SIIP, REB)	6x3.67+1x8.73	80	80	55	55	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	33	33	33	33									
24	Gazipur 52 MW PP	HFO	(RPCL)	6x8.90	52	52	0	51	52	52									
25	Gazipur 100 MW PP	HFO	(RPCL)	6x18.415	105	105	48	83	100	100									
26	Kodda 150MW PP	HFO	(BPDB-RPCL)	9x17.06	149	149	0	150	149	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	0	54	54	54									
29	Kodda 300 MW PP Unit-2 (Summit)	HFO	(IPP)	18x17.076	300	300	195	285	300	300									
30	Kodda 149 MW PP Unit-1 (Summit)	HFO	(IPP)	8x18.415+1x8.97	149	149	119	131	149	149									
31	Keraniganj 300 MW PP (APR)	HSD	(IPP)	25x6.14	300	300	0	121	100	300									
32	Bramhangon 100 MW PP (Aggreko)	HSD	(IPP)	23x0.85+91x.959	100	100	0	25	50	100									
33	Auraha 100MW PP (Aggreko)	HSD	(IPP)	23x0.85+91x.959	100	100	0	72	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(PLC)	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	17	17	17									
Dhaka Zone Total							6119	5895	2510	3303	3326	3617	263	1192					
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro	(PDB)	2x40, 3x50	230	230	79	110	79	79			120	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	7	2	0	5	0									
41	Raozan 25 MW PP	HFO	(RPCL)	3x8.9	25	25	0	25	25	25									
42	Teknaf 20MW PP (Solarsat)	Solar	(IPP)	1x20	20	20	6	0	20	0									
43	Patenga 50MW PP (Baraka)	HFO	(IPP)	8x6.89	50	50	19	50	50	50									
44	Sikalbaha 105 MW PP (Baraka Sik)	HFO	(IPP)	6x18.415	105	105	0	0	100	100									
45	Sikalbaha Peaking GT	Gas	(PDB)	1 x 150	150	150	139	139	140	140									
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	120	180	300	300									
48	Juldah 100 MW Unit-1 (Acorn)	HFO	(QRPP)	8x13.45	100	100	0	30	100	100									
49	Juldah 100 MW Unit-3 (Acorn)	HFO	(IPP)	8x13.45	100	100	0	100	100	100									
50	Dohazari -Kalaish 100 MW Peakin	HFO	(PDB)	6x17.0	102	102	0	102	100	100									
51	Hathazari 100 MW peaking PP	HFO	(PDB)	11x8.9	98	98	0	0	0	0									
52	Barakunda 22 MW PP (Regent)	Gas	(SIIP, PDB)	8x2.90	22	22	17	20	21	21									
*	Malancha, Ctg EPZ (United)	Gas		5x8.73+3x9.34			3	14	10	15									
53	Chattogram 108 MW PP (ECPV)	HFO	(IPP)	16x7.00	108	108	0	84	100	100									
54	Sikalbaha 54 MW Power Plant(Jodioc Power)	HFO	(IPP)	3x18.55+1x3.6	54	54	36	53	54	54									
55	Karnaphuli Power Ltd.	HFO	(IPP)	6x18.41+1x6.4	110	110	0	0	110	110									
56	Juldah unit-2 (Acorn)	HFO	(IPP)	8x13.6	100	100	100	100	100	100									
Chattogram Zone Total							2326	2266	845	1330	1755	1735	180	180					
57	a) Ashuganj TPP Unit-3	Gas	(APSCCL)	1 x 150	150	135	0	0	0	0			135	Gas Shortage					
	b) Ashuganj TPP Unit-4	Gas	(APSCCL)	1 x 150	150	129	0	0	0	0			129	Gas Shortage					
	c) Ashuganj TPP Unit-5	Gas	(APSCCL)	1 x 150	150	134	130	130	130	130									
58	Ashuganj 50 MW PP	Gas	(APSCCL)	14x3.968	53	45	27	29	30	30									
59	Ashuganj 225 MW CCPP	Gas	(APSCCL)	1x142+1*75	221	221	179	143	225	225									
60	Ashuganj 450 MW CCPP(South)	Gas	(APSCCL)	1x360	360	360	235	0	235	235									
61	Ashuganj 450 MW CCPP(North)	Gas	(APSCCL)	1x361	360	360	310	290	360	360									
62	Ashuganj 55 MW PP (Precision)	Gas	(RPP)	15*4	55	55	49	53	55	55									
63	Ashuganj 195MW PP (APSCCL)	Gas	(IPP)	20*9.73+1*16	195	195	36	36	8	8			159	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	0	50	0	50									
67	Chandpur 150 MW CCPP	Gas	(PDB)	1X106+1x57	163	163	96	87	92	92									
68	Chandpur 200MW (Desh energy)	HFO	(IPP)	12x18.415	200	200	0	190	200	200									
69	Feni 22MW PP (Doreen)	Gas	(SIIP, PDB)	8x2.90	22	22	21	21	22	22									
70	Feni 11 MW PP (Doreen)	Gas	(SIIP, REB)	4x2.90	11	11	5	9	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	0	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+4x1.515+15x1.05	200	200	0	20	0	200									
75	Feni 114 MW Power Plant(Lakdanavi)	HFO	(IPP)	7*18.415+1*9.78	114	114	0	100	100	100									
76	Chowmuhani 113 MW	HFO	(IPP)	12*9.78+2*3.1	113	113	105	113	113	113									
**	Impoport (Tripura)	India			160	160	126	146	162	173									
Cumilla Zone Total							3040	2980	1453	1604	2047	2308	423	0					
77	RPCL 210MW CCPP	Gas	(IPP)	4x35+1x70	210	202	122	157	160	160			45	Gas Shortage					
78	Tangail 22 MW PP (Doreen)	Gas	(SIIP, PDB)	8x2.90	22	22	17	17	14										

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.10.20 (Yesterday)		07.10.20 (Today)		06.10.20 (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)		
83	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60					
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30					
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	47	50			60		GT-4 Under maint.
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	47					
87	Kushara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	0					
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	8					
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	67					
90	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	180	180					
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	84	86					
92	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	218	219					
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0			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 CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	285	280			341		341
98	Bibiana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	424	427			430		430
	Bibiana South 400 MW	Gas (PDB)				278	0			0		0
	Sylhet Zone Total		2033	1988	1690	1488	1531	1591	0	60		
99	Bheramara GTPP Unit-3	HSD (PDB)	1 x 20	20	16	0	0			0		16
100	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	345	265			410		410
101	Fairpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	8			0		30
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0			0		60
103	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	220			225		225
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115			115		115
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	99			50		100
106	Noapara 40 MW PP (Khanjahan Al)	HFO (QRPP)	5x8.5	40	40	0	40			40		40
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	53	53			53		70
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	100			100		100
**	Bheramara (HVDC)	India		1000	1000	902	901			917		917
	Khulna Zone Total		2288	2284	1420	1701	1910	2083	0	0		
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110			110		110
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	22	29			33		33
111	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	0	0			0		194
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	86	91			80		90
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	500	560			620		620
	Barishal Zone Total		1054	1054	608	790	843	853	0	194		
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0			71		Gas Shortage
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0			100		Gas Shortage
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50			0		50
116	Baghabari 200 MW PP (Paramour)	HSD (IPP)	135x1.6	200	200	0	30			200		200
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	42			0		42
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	98			100		100
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	36			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		34
123	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0			0		210
124	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0			0		220
125	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	130	150			220		220
126	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	348	356			414		414
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	10	10			10		10
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	11			10		11
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	52			52		52
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	36	109			35		35
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	35			35		35
	Rajshahi Zone Total		2193	2183	554	1000	1148	1275	601	0		
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0			0		85
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0			0		85
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	42	96			100		100
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	4	0			8		8
	Rangpur Zone Total		685	605	196	246	258	250	170	0		
	Sub-total: Plants in operation		20383	19892	9668.0	11944	13309	14201	1682	1626		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss												
	Sub-Total: Plants under long term maintenance		0	0	0	0	0	0	0	0		
	Gross Total		20383	19892	9668	11944	13309	14201	1682	1626		
(C) Actual data of 06.10.20 (Yesterday) Tuesday :												
01.	Max. Demand (Generation end)		11944.00	MW, at = 19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)		11286.00	MW, at = 19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)		11944.00	MW, at = 19:00 hrs	Dhaka	4076	4076	0	Mymensingh	869	869	0
04.	Minimum Generation (Generation end)		8583.00	MW, at = 7:00 hrs	Chattogram	1136	1136	0	Sylhet	432	432	0
05.	Day-peak Generation (Generation end)		9668.00	MW, at = 12:00 hrs	Khulna	1468	1468	0	Barishal	332	332	0
06.	Evening-peak Generation (Generation end)		11944.00	MW, at = 19:00 hrs	Rajshahi	1169	1169	0	Rangpur	708	708	0
07.	Evening Peak Load-shed (Sub-station end)		0.00	MW, at = 19:00 hrs	Cumilla	1096	1096	0				
08.	Actual Minimum Generation up to 8:00 hrs.		8442.00	MW, at = 7:00 hrs								
09.	Generation shortfall at evening peak due to :											
	a) Gas limitation		1392	MW								
	d) Coal supply Limitation		170	MW	13.	Fuel cost :	(a) Gas = 161917403 Taka	(c) Coal = 76922046 Taka				
	b) Low water level in Kaptai lake		120	MW			(b) Oil = 515126482 Taka	Total = 753965931 Taka				
	c) Plants under shut down/ maintenance		1626	MW								
10.	Total Energy (Generation + India Import)		246.60	MKWh	14.	Maximum Temperature in Dhaka was : 32.4° C						
	By Gas = 137.186 MKWh			By Oil = 65.796 MKWh	15.	Export through East-West interconnections :						
	By Coal = 16.657 MKWh			By Hydro = 1.982 MKWh		At evening peak-hour : -141 MW, at 19:00 hrs						
	By Solar= 0.121 MKWh					Maximum : -248 MW, at 3:00 hrs						
11.	Total Gas Supplied		1188.42	MMCFD		Energy : 1.599 MKWh						
(D) Forecast of 07.10.20 (Today) Wednesday :												
01.	Maximum Demand		12300	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation		14201	MW (Generation end)	05.	Total Generation : 253.95 MKWh						
03.	Maximum Shortage		-1901	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 32.5° C						

*Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation