



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9544567, 9551095

Month October, 2020			Day : Thursday				Date : 15.10.20					
Probable Maximum Demand : 13000 MW			Probable Maximum Generation : 14569 MW									
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 102.11 ft		Today = 102.15 ft		Rule Curve = 107.30 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.10.20 (Yesterday)		15.10.20 (Today)		14.10.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gas/water/Coal limitation MW	Machines shut down (MW)		
					Day	Evening	Day	Evening	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	120	120	120	120	60	Gas Shortage	
	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)	3x3x35	108	108	42	42	42	42			
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	345	349	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	420	450	450			
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0			
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0	115	Under Overhauling	
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	143	195	150	190	15	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	100	100	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	280	305	305	305			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	15	16	16	16			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	96	96	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	12	13	100	100			
19	Gagnagar 102 MW PP (Digital Powe)	HFO (IPP)	12x8.924	102	102	7	7	7	7			
20	Narsinghdi 22 MW PP (Doreen)	Gas (SIIPP, REB)	8x2.90	22	22	16	0	22	22			
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIIPP, REB)	6x3.67+7x8.73	80	80	45	54	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	33	33	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	33	33	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	8	52	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	85	85	85	85			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	82	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	300	300	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	128	133	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	210	100	300			
32	Birahangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	90	50	100			
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	90	60	100			
34	Nababganj 55 MW PP (Southern po)	HFO (IPP)	3x19.3	55	55	35	35	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	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	38	90	404	104			
Dhaka Zone Total				6119	5895	2822	3497	3777	3807	218	1252	
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	120	123	123	123	107	Low Water Level	
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	115	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	Raazan 25 MW PP	HFO (RPCL)	3x8.9	25	25	2	25	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	22	50	50	50			
44	Sikalbaha 105 MW PP (Baraka Sika)	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	139	145	145			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	205	210	221	221			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	180	162	300	300			
48	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	70	100	100			
49	Juldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	85	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 (SIIPP, PDB)	8x2.90	22	22	20	20	21	21			
* 53	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	10	10	10			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	82	83	84	84			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	18	54	54	54			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110			
56	Juldah unit-2 (Accom)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	1129	1351	1790	1765	167	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	29	29	30	30			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	212	210	225	225			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	345	270	350	350			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	305	295	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	46	5	50	50	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	51	51	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	60	60	150	150			
66	Tilas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	50	25	50			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	95	95	95	95			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	163	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	21	21	22	22			
70	Feni 11 MW PP (Doreen)	Gas (SIIPP, REB)	4x2.90	11	11	8	8	10	10			
71	Jargalia 33MW PP (Summit)	Gas (SIIPP, PDB)	4x8.73	33	33	0	33	33	33			
72	Jargalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	8	8	8			
73	Cumilla 25 MW PP (Summit)	Gas (SIIPP, 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	80	0	200			
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	100	0	100			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	104	103	113	113			
** 77	Impoort (Tijapura)	India		160	160	142	162	165	173			
Cumilla Zone Total				3040	2980	1534	1852	1996	2329	555	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	150	140	160	160	62	Gas Shortage	
78	Tangal 22 MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	17	17	17	17			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	48	48	49	49			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	105	115	115	115			
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	180	200	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0			
Mymensing Zone Total				645	637	502	520	542.6	541	62	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.10.20 (Yesterday)		15.10.20 (Today)		14.10.20 (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 CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	85	87	85	85						
84	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	43	43	43	43						
85	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	44	49	51	51			GT-4 Under maint.			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	39	45	44	44						
87	Kushiana 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	110	110						
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	8	11	11						
89	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	62	65	65						
90	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	157	157	150	160						
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	87	86	86	86						
92	Sylhet 225 MW CCGP	Gas (PDB)	1x142+1x89	231	231	132	0	0	0						
93	Sylhet 20 MW GTTP	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	24	24	25	25						
97	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	285	310	341	341						
98	Bibyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	418	416	400	400						
	Bibyana South 400 MW	Gas (PDB)				10	0	0	0						
Sylhet Zone Total					2033	1988	1515	1407	1439	1449	0	47			
99	Bheramara GTTP 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	290	270	335	335						
101	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	3	29	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	120	230	200	220						
104	Khulna 115 PP MW (KPL-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	100	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	35						
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100						
**	Bheramara (HVDC)	India		1000	1000	915	916	926	926						
Khulna Zone Total					2288	2284	1345	1719	1801	1977	0	0			
109	Barsal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	110	110	110						
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	24	38	33	33						
111	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	0	0	0	0			194 Under maint.			
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1x1.96	95	95	88	94	85	86						
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	500	560	560	560						
Barishal Zone Total					1054	1054	628	802	788	789	0	194			
114 a)	Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage			
114 b)	Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	100			Gas Shortage			
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	43	0	50						
116	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	200	200	200						
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	35	0	40						
118	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	18	18	18	18						
119	Chapanabaganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	96	100	100						
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	21	38	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	30	0	30						
123	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0			Gas Shortage			
124	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	145	185	225	225						
125	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	152	187	220	220						
126	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	376	0	414	414						
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	10	10	10	10						
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	8	11	11						
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	34	52	52	52						
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	70	109	113	113						
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	95	111	113	113						
Rajshahi Zone Total					2193	2163	953	1143	1546	1668	381	0			
133 a)	Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage			
133 b)	Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	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 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	68	87	94	94						
137	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0						
138	Majpara-Tatulia 8 MW Solar PP (Sympa Pt)	Solar (IPP)	1 x 8	8	8	0	0	8	0						
Rangpur Zone Total					685	605	218	237	252	244	170	0			
Sub-total: Plants in operation					20383	19892	10646.0	12528	13934	14569	1553	1673			
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	0		
Grand Total					20383	19892	10646	12528	13934	14569	1553	1673			
(C) Actual data of 14.10.20 (Yesterday) Wednesday :															
01.	Max. Demand (Generation end)	: 12528.00 MW, at = 19:30 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :					Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
02.	Max. Demand (Sub-station end)	: 11936.00 MW, at = 19:30 hrs	Dhaka					4114	4114	0	Mymensingh	963	963	0	
03.	Highest Generation (Generation end)	: 12528.00 MW, at = 19:30 hrs	Chattogram					1199	1199	0	Sylhet	550	550	0	
04.	Minimum Generation (Generation end)	: 9233.00 MW, at = 8:00 hrs	Khulna					1503	1503	0	Barishal	346	346	0	
05.	Day-peak Generation (Generation end)	: 10646.00 MW, at = 12:00 hrs	Rajshahi					1275	1275	0	Rangpur	753	753	0	
06.	Evening-peak Generation (Generation end)	: 12528.00 MW, at = 19:30 hrs	Cumilla					1233	1233	0					
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs													
08.	Actual Minimum Generation up to 8:00 hrs.	: 9071.00 MW, at = 7:00 hrs													
09.	Generation shortfall at evening peak due to :	:													
	a) Gas limitation	: 1276 MW						13.	Fuel cost :	(a) Gas = 162448514 Taka	(c) Coal = 76189074 Taka				
	d) Coal supply Limitation	: 170 MW								(b) Oil = 683120694 Taka	Total = 921758282 Taka				
	b) Low water level in Kaptai lake	: 107 MW													
	c) Plants under shut down/ maintenance	: 1673 MW						14.	Maximum Temperature in Dhaka was :	34.1° C					
10.	Total Energy (Generation + India Import)	: 264.93 MKWh						15.	Export through East-West interconnections :						
	By Gas = 138.393 MKWh								At evening peak-hour	: -148 MW, at 19:30 hrs					
	By Coal = 16.494 MKWh	By Hydro = 2.885 MKWh							Maximum	: -218 MW, at 3:00 hrs					
	By Solar= 0.218 MKWh								Energy	: 0.716 MKWh					
11.	Total Gas Supplied	: 1157.36 MMCFD													
(D) Forecast of 15.10.20 (Today) Thursday :															
01.	Maximum Demand	: 13000 MW (Generation end)	04. Maximum Load-shed					: 0 MW	At evening peak (Sub-station end)						
02.	Maximum Generation	: 14569 MW (Generation end)	05. Total Generation					: 274.92 MKWh							
03.	Maximum Shortage	: -1569 MW (Generation end)	06. Probable Max. Temperature in Dhaka :					-33.0° C							
* Captive Power ** Imported Power															

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation