



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel - 9564667, 9551085

Month October, 2020		Day : Friday				Date : 30.10.20							
Probable Maximum Demand :		11300 MW		Probable Maximum Generation :		14868 MW		Rule Curve =					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 103.97 ft		Today = 103.91 ft		(Yesterday)		108.80 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.10.20 (Yesterday)		30.10.20 (Today)		29.10.20 Gen. shortfall for : Gas/water/Coal limitation MW	108.80 (Yesterday) Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)		Probable Peak Generation (MW)						
					Day	Evening	Day	Evening					
(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	0	0	0	0	180	STG Commissioning		
	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	72	75	75	75				
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	68	69	78	78				
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	289	293	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	320	320	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 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	155	120	200	200	90	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 Bangla)	HFO (QRPP)	12x8.9	100	100	45	100	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	270	240	305	305				
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	35	95	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	64	97	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	35	55	40	40				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	96	50	100				
19	Gagnagar 102 MW PP (Digital Powe)	HFO (IPP)	12x8.924	102	102	102	102	100	100				
20	Narsinghdi 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+1x8.73	80	80	49	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	87	87	88	88				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	16	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	165	300	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	82	135	134	134				
31	Keraniganj 300 MW PP (APRI)	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	Nababaganj 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	35	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	17	17				
Dhaka Zone Total				6119	5895	2533	3088	3528	3868	290	1297		
38	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	162	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	25	25	25				
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	18	0	20	0				
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	50	50				
44	Sikalbaha 105 MW PP (Baraka Sikr)	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	204	221	221				
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	158	142	300	300				
48	Juddah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	70	100	100				
49	Juddah 100 MW PP Unit-3 (Accom)	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	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			5	15	30	30				
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	81	90	90				
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54				
55	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110				
56	Juddah unit-2 (Accom)	HFO (IPP)	8x13.6	100	100	100	90	100	100				
Chattogram Zone Total				2326	2266	1053	1287	1774	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	10	10	29	29				
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	178	185	225	225				
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	280	275	350	350				
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	260	275	360	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	51	43	43				
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	75	142	150	150				
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	25	50				
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	75	70	75	75				
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	79	164	164				
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	13	13	22	22				
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	33	33	33				
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	10	52	25	52				
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	21	20	20				
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.85	200	200	0	0	0	200				
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	114	17	114				
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	92	113	113	113				
**	Impoport (Tripura)	India		160	160	98	164	163	173				
Cumilla Zone Total				3040	2980	1250	1743	1918	2277	555	85		
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	101	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	25	25	25	25				
80	Jamalpur 115 MW PP (Unitead)	HFO (IPP)	12x9.87	115	115	115	115	115	115				
81	Mymensingh 200 MW PP (Unitead)	HFO (IPP)	21x9.780	200	200	16</							

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.10.20 (Yesterday)		30.10.20 (Today)		29.10.20 (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	86	86	86	86			
84	Fenchugonj CCGP 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)	19x2.90	51	51	53	53	51	51			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	48	49	44	44			
87	Kushinara 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	50	65	65	65			
90	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	160	159	160	160			
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	84	84	86	86			
92	Sylhet 225 MW CCGP	Gas (PDB)	1x142+1x89	231	231	171	204	180	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	290	341	341			
98	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	403	415	400	400			
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0			
	Sylhet Zone Total			2033	1988	1557	1608	1617	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	Fairdipor 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 (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	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	88	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	943	943			
	Khulna Zone Total			2288	2284	1365	1537	1983	2139	0	0	
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	32	110	110			
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	25	32	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)	1,136	95	95	85	95	95	95			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	460	622	500	530			
	Bhola Nutan Biddut BD LTD (GAS)	Gas/HSD (IPP)				0	40	0	0			
	Barishal Zone Total			1054	1054	570	821	738	768	0	194	
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	0	50	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	32	0	40			
118	Ammura 50 MW PP (Sinha)	HFO (QRPP)	7x7.29	50	50	0	20	20	20			
119	Chapainawabganj 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	31	50	50			
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0			
122	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	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	186	185	225	225			
125	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	173	171	220	220			
126	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	365	380	285	414			
127	Bogra 22 MW PP (G8B)	Gas (RPP)	6x4.0	22	22	18	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 (SIPP, REB)	4x2.90	11	11	8	11	11	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)	6x18.55	113	113	80	109	113	113			
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	92	113	113			
	Rajshahi Zone Total			2193	2183	840	1289	1417	1668	381	0	
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)	7x16x 2'3	113	113	41	102	100	100			
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
138	Majpara, Tatulia 8 MW Solar PP (Sympa P)	Solar (IPP)	1 x 8	8	8	6	0	8	0			
	Rangpur Zone Total			685	605	197	252	258	250	170	0	
	Sub-total: Plants in operation			20383	19892	9689.0	12085	13787	14868	1632	1816	
	Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss					9182	11453	13066	14090			
	(B) Contract expired power plants											
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0			
	Gross Total			20383	19892	9689	12085	13787	14868	1632	1816	
	(C) Actual data of 29.10.20 (Yesterday) Thursday :											
01.	Max. Demand (Generation end)			12085.00	MW, at = 19:00 hrs							
02.	Max. Demand (Sub-station end)			11453.00	MW, at = 19:00 hrs							
03.	Highest Generation (Generation end)			12085.00	MW, at = 19:00 hrs							
04.	Minimum Generation (Generation end)			7802.00	MW, at = 7:00 hrs							
05.	Day-peak Generation (Generation end)			9689.00	MW, at = 12:00 hrs							
06.	Evening-peak Generation (Generation end)			12085.00	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.			7368.00	MW, at = 7:00 hrs							
09.	Generation shortfall at evening peak due to :											
	a) Gas limitation			1390	MW							
	d) Coal supply Limitation			170	MW							
	b) Low water level in Kaptai lake			72	MW							
	c) Plants under shut down/ maintenance			1816	MW							
10.	Total Energy (Generation + India Import)			236.92	MKWh							
	By Gas =	137.484	MKWh		52.945	MKWh						
	By Coal =	16.732	MKWh		3.722	MKWh						
	By Solar =	0.572	MKWh									
11.	Total Gas Supplied			1140.76	MKWh							
	(D) Forecast of 30.10.20 (Today) Friday :											
01.	Maximum Demand			11300	MW (Generation end)							
02.	Maximum Generation			14868	MW (Generation end)							
03.	Maximum Shortage			-3568	MW (Generation end)							
04.	Maximum Load-shed			0	MW At evening peak (Sub-station end)							
05.	Total Generation			221.53	MKWh							
06.	Probable Max. Temperature in Dhaka			35.0° C								

* Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation