



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month November, 2020					Day : Saturday					Date : 14.11.20						
Probable Maximum Demand : 9800 MW					Probable Maximum Generation : 14511 MW					Rule Curve = 107.70 ft.						
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 103.58 ft Today = 103.49 ft											
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.11.20 (Yesterday)		14.11.20 (Today)		13.11.20 (Yesterday)		14.11.20 (Today)		Status of Machines under shut-down/ Maintenance	Probable start-up date		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)					
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW							
(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	100	120	150	150			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)	34x3.35	108	108	12	12	12	12			96	Gas Shortage			
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	319	334	360	360							
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	330	400	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	Dust in gas			
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	95	82	100	100			128	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	0	0	100	100							
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	150	150	150			155	GT-1 Under maint.			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	0	100	100							
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100							
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55							
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	50	100							
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	64	100	100							
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	16	16	19	19							
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	38	50	58	58							
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	33	33							
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	16	33	33							
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52							
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	22	53	100	100							
26	Kodda 150MW PP	HFO (BPOB-RPCL)	9x17.06	149	149	0	0	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	17	54	54	54							
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	300	300							
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	0	149	149							
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300							
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100							
33	Aurahi 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	0	55	55							
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	0	55	55							
36	Bosila 108MW PP(IEI)	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	90	90	90							
	Manikgonj 162MW PP	HFO (IPP)				18	0	0	0							
Dhaka Zone Total					6119	5895	1499	1781	3400	3740	562	1272				
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	4	0	5	0							
41	Raczan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	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	8	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	0	0	0	0			150	Gas Shortage			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	207	208	215	225							
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	16	144	300	300							
48	Julda 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100							
49	Julda 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	10	100	100	100							
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	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	20	20	20	20							
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			42	42	10	10							
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	100	100							
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	54	54	54							
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110							
56	Julda unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	30	100	100	100							
Chattogram Zone Total					2326	2266	645	991	1691	1676	287	180				
57	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	135	80	100	100							
	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	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	192	196	225	225							
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0			360	Under maint.			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	340	315	360	360							
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	30	20	20	20			35	Gas shortage			
63	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	45	26	26	26			169	Gas shortage			
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	10	51	51	51							
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	50	150	150							
66	Tilas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50							
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	74	75	90	90							
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	165	180							
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	8	33	33	33							
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52							
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	21	20	21							
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+40x1.515+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	0	114	114							
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	65	113	113							
**	Import (Tijura)	India		160	160	90	112	156	172							
Cumilla Zone Total					3040	2980	998	1103	1738	2020	467	360				
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	100	122	163	163			80	Gas Shortage			
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	17	22	22							
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	33	33	33	33							
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	8	115	115	115							
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	16	200	200							
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0							
	Mymensingh PV 50 MW Solar PP	Solar (IPP)				53	0	50	0							

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.11.20 (Yesterday)		14.11.20 (Today)		13.11.20 (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	CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	41	44	44					
84	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	22	22		90	Under maint.	
85	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	11	50	51	51				
86	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	30	50	44	44				
87	Kushiana	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	107	107	110	110				
88	Hobiganj	11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	3	11	11	11				
89	Shahjibazar	GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	67	66	66				
90	Shahjibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	158	157	160	160	173		Gas Shortage	
91	Shahjibazar	86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	30	84	86	86				
92	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	165	217	220	220				
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	10	10	10				
96	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	25	25				
97	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	315	341	341				
98	Bibiyana-III	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	353	402	400	400				
	Bibiyane South	400 MW	Gas (PDB)				35	30	40	40				
Sylhet Zone Total					2033	1988	1317	1578	1648	1648	173	90		
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	335	360	410	410				
101	Faridpur	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 CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220				
104	Khulna	115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	0	115	115				
105	Noapara	100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100				
106	Noapara	40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	0	40	40				
107	Rupsha	105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	17	105	105	105				
108	Madhumati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India			1000	1000	408	688	555	796				
Khulna Zone Total					2288	2284	760	1153	1325	1992	0	0		
109	Barisal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	110	110				
110	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	20	28	22	22				
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	23	91	95	95				
113	Payra	1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	350	570	600	660				
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)					35	10	35	35				
Barishal Zone Total					1054	1054	428	715	862	922	0	194		
114	a) 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	60	70	70	70	30		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	0	0	0				
119	Chapainawabganj	100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	100	100				
120	Katakhal	50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	50	50				
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	33			Gas Shortage	
123	Sirajgonj	225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210			
124	Sirajgonj	225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	188	186	220	220				
125	Sirajgonj	225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	201	195	220	220				
126	Sirajgonj	400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	347	416	413	413				
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	0	0	10	10				
129	Ullapara	11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	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)	6x18.55	113	113	0	109	113	113				
132	Bagura	113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	113	113				
Rajshahi Zone Total					2193	2183	829	1009	1594	1717	311	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	63	61	64	0	24		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	0	71	113	113				
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	6	0	8	0				
Rangpur Zone Total					685	605	219	282	335	263	109	0		
Sub-total: Plants in operation					20383	19892	6891.0	8915	13178	14511	1989	2096		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							6436	8327	12308	13554				
(B) Contract expired power plants														
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0				
Gross Total					20383	19892	6891	8915	13178	14511	1989	2096		
(C) Actual data of 13.11.20 (Yesterday) Friday :														
01.	Max. Demand (Generation end)	:	8915.00	MW, at = 19:30 hrs			12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	8327.00	MW, at = 19:30 hrs			Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	8915.00	MW, at = 19:30 hrs										
04.	Minimum Generation (Generation end)	:	6243.00	MW, at = 9:00 hrs			Dhaka	2970	2970	0	Mymensingh	651	651	0
05.	Day-peak Generation (Generation end)	:	6891.00	MW, at = 12:00 hrs			Chattogram	941	941	0	Sylhet	365	365	0
06.	Evening-peak Generation (Generation end)	:	8915.00	MW, at = 19:30 hrs			Khulna	1014	1014	0	Barishal	237	237	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs			Rajshahi	803	803	0	Rangpur	509	509	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	6298.00	MW, at = 7:00 hrs and			Cumilla	837	837	0				
09.	Generation shortfall at evening peak due to :	:									Total	8327	8327	0
	a) Gas limitation	:	1808	MW			13.	Fuel cost :	(a) Gas = 144640434		(c) Coal = 74425700		Taka	
	d) Coal supply Limitation	:	109	MW					(b) Oil = 109285207	Taka	Total = 328351341		Taka	
	b) Low water level in Kaptai lake	:	72	MW										
	c) Plants under shut down/ maintenance	:	2096	MW			14.	Maximum Temperature in Dhaka was : 33.8° C						
10.	Total Energy (Generation + India Import)	:	176.90	MKWh			15.	Export through East-West interconnections :						
	By Gas = 125.181	MKWh		17.594	MKWh			At evening peak-hour : 392 MW, at 19:30 hrs						
	By Coal = 15.557	MKWh		3.736	MKWh			Maximum : 115 MW, at 18:00 hrs						
	By Solar = 0.575	MKWh						Energy : 0 MKWh						
11.	Total Gas Supplied	:	1036.17	MMCFD										
(D) Forecast of 14.11.20 (Today) Saturday :														
01.	Maximum Demand	:	9800	MW (Generation end)			04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14511	MW (Generation end)			05.	Total Generation : 194.46 MKWh						
03.	Maximum Shortage	:	-4711	MW (Generation end)			06.	Probable Max. Temperature in Dhaka : 30.6° C						

* Captive Power ** Imported Power

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

(Fazool Islam Shaker)
Deputy Secretary, Generation