



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month November, 2020				Day : Saturday				Date : 07.11.20			
Probable Maximum Demand : 9200 MW				Probable Maximum Generation : 13980 MW				Rule Curve = 108.40 ft.			
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 104.46 ft				Today = 104.45 ft			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.11.20 (Yesterday)		07.11.20 (Today)		06.11.20 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (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 CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Under maint.
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	100	120	100	150		
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	115	115	115	115	75	Gas Shortage
2	Ghorasal 365 MW CCGP 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	12	51	51	51	57	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 CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	327	317	360	360		
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	360	400	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 CCGP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0	412	Dust in gas
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	82	150	150	200	60	Gas Shortage
12	Siddhirgonj 335 MW CCGP	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	0	0	100	100		
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	132	155	155		
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	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 Power)	HFO (IPP)	12x8.924	102	102	0	7	100	100		
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	16	16	16		
21	Summit Power,(Machabadi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	38	49	56	56		
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	28	33	33		
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	8	25	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	35	36	88	88		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	150	150		
27	Katpoti 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	17	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)	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	0	55	55		
35	Manikgonj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	0	55	55		
36	Bosila 108MW PP(ELC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0		
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	0	53	90	90		
	Manikgonj 162MW PP	HFO (IPP)				5	0	0	0		
Dhaka Zone Total				6119	5895	1457	1716	3427	3867	395	1117
38	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	115	160	160	160	70	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	5	0	5	0		
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25		
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	50	50		
44	Sikabaha 105 MW PP (Baraka Siki)	HFO (IPP)	6x18.415	105	105	0	0	100	100		
45	Shikabaha Peaking GT	Gas (PDB)	1 x 150	150	150	70	125	145	145		
46	Sikabaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Gas Shortage
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	0	51	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	0	60	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	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			34	42	10	20		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	90	90		
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	54	54	54		
55	Kamaphuli 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	10	60	100	100		
Chattogram Zone Total				2326	2266	411	742	1611	1596	355	180
57	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	30	80	80	105	Gas Shortage
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	70	0	0	0	129	Gas Shortage
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	0	100	134	Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	10	5	20	20		
59	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	142	163	225	225		
60	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	230	270	0	0		
61	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	295	275	0	0	85	Gas shortage
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	2	2	50	50	53	Gas shortage
63	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*116	195	195	8	8	0	68	187	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	0	150	150		
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	0	50	
67	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	50	73	90	90		
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	165	165		
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22		
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	5	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	0	0	52	52		
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	10	20	20	21		
74	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	8x14.40+1.515+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	0	0		
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	45	113	113		
**	Impoort (Tripura)	India		160	160	74	94	163	173		
Cumilla Zone Total				3040	2980	931	1095	1245	1674	693	0
77	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	122	159	149	130	43	Gas Shortage
78	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22		
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	25	25	25	25		
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	16	115	115	115		
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	7	200	200		
82	Sarisabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0		
	Mymensingh PV 50 MW Solar PP	Solar (IPP)				50	0	40	0		
Mymensingh Zone Total				645	637	235	328	552.6	492	43	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.11.20 (Yesterday)		07.11.20 (Today)		06.11.20 (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 CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	20	30	30	30			
84	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	20	30	30	30			
85	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	8	47	51	51		60	GT-4 Under maint.
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	47	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	0	11	11	11			
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	65	69	65	65			
90	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	133	159	160	160	171		Gas Shortage
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	10	87	86	86			
92	Sylhet 225 MW CCGP	Gas (PDB)	1x142+1x89	231	231	131	157	200	200			
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	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	0	9	10	10			
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	24	25	25			
97	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	315	341	341			
98	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	252	338	400	400			
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0			
	Sylhet Zone Total			2033	1988	1064	1451	1581	1581	171	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	380	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	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	0	105	105	105			
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100			
**	Bheramara (HVDC)	India		1000	1000	908	908	917	917			
	Khulna Zone Total			2288	2284	1288	1358	1687	2113	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	18	25	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)	1.1x96	95	95	0	88	95	95			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	250	400	600	660			
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)				36	0	0	0			
	Barishal Zone Total			1054	1054	304	529	838	898	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	50	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	42	43			
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	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	33			
123	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	75	90	144	144			
124	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	153	200	225	225			
125	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	138	204	220	220			
126	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	0	0	0	0		414	Under maint.
127	Bogra 22 MW PP (GGB)	Gas (RPP)	6x4.0	22	22	0	22	22	22			
128	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	9	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	0	52	52			
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6x18.55	113	113	0	0	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	424	606	1372	1496	101	414	
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	0	0	113	113			
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	5	0	8	0			
	Rangpur Zone Total			685	605	155	150	271	263	170	0	
	Sub-total: Plants in operation			20383	19892	6269.0	7975	12585	13980	1928	1965	
	Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss					5853	7446	11750	13053			
	(B) Contract expired power plants											
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0			
	Gross Total			20383	19892	6269	7975	12585	13980	1928	1965	
	(C) Actual data of 06.11.20 (Yesterday) Friday :											
01.	Max. Demand (Generation end)			7975.00	MW, at = 20:00 hrs							
02.	Max. Demand (Sub-station end)			7446.00	MW, at = 20:00 hrs							
03.	Highest Generation (Generation end)			7975.00	MW, at = 20:00 hrs							
04.	Minimum Generation (Generation end)			5806.00	MW, at = 7:00 hrs							
05.	Day-peak Generation (Generation end)			6269.00	MW, at = 12:00 hrs							
06.	Evening-peak Generation (Generation end)			7975.00	MW, at = 20:00 hrs							
07.	Evening Peak Load-shed (Sub-station end)			0.00	MW, at = 20:00 hrs							
08.	Actual Minimum Generation up to 8:00 hrs.			5524.00	MW, at = 7:00 hrs							
09.	Generation shortfall at evening peak due to :											
	a) Gas limitation			1688	MW							
	d) Coal supply limitation			170	MW							
	b) Low water level in Kaptai lake			70	MW							
	c) Plants under shut down/ maintenance			1965	MW							
10.	Total Energy (Generation + India Import)											
	By Gas =	112.623	MKWH		11.003	MKWH						
	By Coal =	11.594	MKWH		3.433	MKWH						
	By Solar =	0.501	MKWH									
11.	Total Gas Supplied			957.02	MMCFD							
	(D) Forecast of 07.11.20 (Today) Saturday :											
01.	Maximum Demand			9200	MW (Generation end)							
02.	Maximum Generation			13980	MW (Generation end)							
03.	Maximum Shortage			-4780	MW (Generation end)							
04.	Maximum Load-shed			0	MW At evening peak (Sub-station end)							
05.	Total Generation			185.85	MKWH							
06.	Probable Max. Temperature in Dhaka			29.7° C								

* Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation