



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month November, 2020					Day : Thursday				Date : 05.11.20				
Probable Maximum Demand : 10800 MW					Probable Maximum Generation : 14497 MW					Rule Curve = 108.70 ft.			
Water Level of Kapitai Lake at 06:00 AM					Yesterday = 104.24 ft. Today = 104.43 ft.								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.11.20 (Yesterday)		05.11.20 (Today)		04.11.20 (Yesterday)		05.11.20 (Today)		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)	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	150	150				
	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	52	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 GTTP	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	262	308	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	380	370	370				
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 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	175	160	200	200	50			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 Bangle)	HFO (QRPP)	12x8.9	100	100	16	80	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	155	155	155	155				
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	16	80	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	30	64	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	30	30	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	50	100				
19	Gagnagar 102 MW PP (Digital Powe	HFO (IPP)	12x8.924	102	102	58	102	100	100				
20	Narshingdi 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+7x8.73	80	80	45	53	56	56				
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	25	51	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	68	100	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	82	150	150				
27	Katpott 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	160	145	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	102	81	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300				
32	Bramhangan 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	17	17	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	17	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	72	72	90	90				
Dhaka Zone Total					6119	5895	2216	2638	3462	3802	385	1117	
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	166	156	125	125	74			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	2	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	19	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	100	140	145	145				
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	227	203	221	221				
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	89	161	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	100	100	100	100				
50	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	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				
*	Melancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	10	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	50	42	54	54				
55	Karnaphuli 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	90	100	100	100				
Chattogram Zone Total					2326	2266	987	1153	1797	1782	134	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	70	70	70	70	59			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	2	2	5	5				
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1x75	221	221	153	150	225	225				
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	230	230	300	320				
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	250	250	300	300	110			Gas shortage
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	2	2	5	5	53			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	45	43	43				
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	50	142	150	150				
66	Titus 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	75	50	50	50				
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	8	2	11	11				
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	17	33	33	33				
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	43	52	52				
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	21	20	21				
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.44+8x1.515+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	45	113	113	113				
**	Import (Tirupura)	India		160	160	100	148	163	173				
Cumilla Zone Total					3040	2980	1092	1330	1735	2016	678	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	97	103	120	130	99			Gas Shortage
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	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	55	115	115	115				
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	130	200	200				
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	1.6	0				
	Mymensingh PV 50 MW Solar PP	Solar (IPP)				48	0	40	0				
Mymensingh Zone Total					645	637	246	393	523.6	492	99	0	

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						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :				
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date	
83	Fenchugonj	CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	44	44	44	44	60	GT-4 Under maint.		
84	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30				
85	Fenchugonj	51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	47	50	51	51				
86	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44				
87	Kushiara	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	110	110				
88	Hobiganj	11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	2	11	11	11				
89	Shahjibazar	GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	32	65	65	65				
90	Shajibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	158	156	160	160	174	Gas Shortage		
91	Shahjibazar	86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	81	87	86	86				
92	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	151	205	200	200				
93	Sylhet	20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	17	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 CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	280	0	341				
98	Bibiyane-III	400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	348	402	400	400				
	Bibiyane South	400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total					2033	1988	1394	1541	1254	1595	174	60		
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	385	355	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	220	220				
104	Khulna	115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	83	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	28	105	105	105				
108	Madhumati	100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	909	909	923	923					
Khulna Zone Total					2288	2284	1322	1452	1913	2119	0	0		
109	Barisal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	80	110	110				
110	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	21	31	33	33				
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	66	78	95	95				
113	Payra	1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	470	600	660	660				
	Bhola Nutan Biddut BD LTD	Gas/HSD (IPP)					37	37	38	38				
Barishal Zone Total					1054	1054	594	826	936	936	0	194		
114	a) Baghabari	71 MW GTTP	Gas (PDB)	1 x 71	71	71	65	60	70	70	11	Gas Shortage		
	b) Baghabari	100 MW GTTP	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	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	43	43	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	Santahar	50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	33				
123	Sirajgonj	225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	110	150	144	144				
124	Sirajgonj	225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	158	182	225	225				
125	Sirajgonj	225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	172	188	220	220				
126	Sirajgonj	400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	0	0	0	0	414	Under maint.		
127	Bogra	22 MW PP (GBB)	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	9	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)	6*18.55	113	113	35	70	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	577	732	1369	1492	111	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 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	40	107	100	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	5	0	8	0				
Rangpur Zone Total					685	605	195	257	258	263	170	0		
Sub-total: Plants in operation					20383	19892	8623.0	10322	13248	14497	1751	1965		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							8128	9730	12488	13666				
(B) Contract expired power plants														
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0				
Gross Total					20383	19892	8623	10322	13248	14497	1751	1965		
(C) Actual data of 04.11.20 (Yesterday) Wednesday :														
01.	Max. Demand (Generation end) :				10322.00	MW, at = 19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end) :				9730.00	MW, at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end) :				10322.00	MW, at = 19:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end) :				7657.00	MW, at = 7:00 hrs	Dhaka	3697	3697	0	Mymensingh	744	744	0
05.	Day-peak Generation (Generation end) :				8623.00	MW, at = 12:00 hrs	Chattogram	1012	1012	0	Sylhet	430	430	0
06.	Evening-peak Generation (Generation end) :				10322.00	MW, at = 19:00 hrs	Khulna	1144	1144	0	Barishal	282	282	0
07.	Evening Peak Load-shed (Sub-station end) :				0.00	MW, at = 19:00 hrs	Rajshahi	896	896	0	Rangpur	564	564	0
08.	Actual Minimum Generation up to 8:00 hrs.				6924.00	MW, at = 7:00 hrs and	Cumilla	961	961	0				
09.	Generation shortfall at evening peak due to :										Total	9730	9730	0
	a) Gas limitation :				1507	MW	13.	Fuel cost :		(a) Gas = 156915299 Taka	(c) Coal = 77330516 Taka			
	d) Coal supply Limitation :				170	MW				(b) Oil = 250703828 Taka	Total = 484949642 Taka			
	b) Low water level in Kaptai lake :				74	MW								
	c) Plants under shut down/ maintenance :				1965	MW	14.	Maximum Temperature in Dhaka was : 32.0° C						
10.	Total Energy (Generation + India Import) :				212.01	MKWh	15.	Export through East-West interconnections :						
	By Gas = 131.255 MKWH					35.297 MKWh		At evening peak-hour		: 198	MW, at 19:00 hrs			
	By Coal = 16.756 MKWH					3.782 MKWh		Maximum		: 160	MW, at 18:30 hrs			
	By Solar= 0.335 MKWH							Energy		: 0	MKWh			
11.	Total Gas Supplied :				1086.31	MMCFD								
(D) Forecast of 05.11.20 (Today) Thursday :														
01.	Maximum Demand :				10800	MW (Generation end)	04.	Maximum Load-shed :		0	MW At evening peak (Sub-station end)			
02.	Maximum Generation :				14497	MW (Generation end)	05.	Total Generation :		221.83	MKWh			
03.	Maximum Shortage :				-3697	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

(Fazoul Islam Shaker)
Deputy Secretary, Generation