



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564867, 9551095

Month November, 2019		Day : Friday				Date : 22.11.19							
Probable Maximum Demand :		8000 MW		Probable Maximum Generation :		15215 MW		Rule Curve =		106.90 ft.			
Water Level of Kaptai Lake at 06:00 AM		Yesterday =		Today =		21.11.19 (Yesterday)		22.11.19 (Today)		21.11.19 (Yesterday)			
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance		
					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	35	35	35	35		50	Unit-2 Under Maint.	02.12.19
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0			On Test	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0			On Test	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	100	100	100	100	90		Gas Shortage	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	230	250	350	365				
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	108		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 GTTP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40		Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	279	360	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	225	370	450	450				
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage	
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	370	362	412	412				
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	100	150	210		Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0		335	Under Maint.	28.11.2019
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	120	120	150	150	185		Gas Shortage	
15	Meghnaghat 100 MW(EL)	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	100	100				
19	Gangsar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	24	100	100				
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22				
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	55	55	56				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	28	28	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	33	51	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	17	88	90				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149				
27	Katpoti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	30	48	48				
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	0	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	30	200	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)	25x11.4	300	300	0	0	200	300				
32	Bramhangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100				
34	Nabaganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	0	0	55	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	17	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	70	70	70				
Dhaka Zone Total				6047	5811	1563	1971	3775	4243	931	385		
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	84	86	86	86				
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	110	110	0	0				
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	120	120	120	120				
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.6	0	5	0				
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25				
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	17.8	0	20	0				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	19	19	50	50				
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	0	105	105	105				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	80	144	150	150				
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	217	212	200	200				
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	0	230	300				
47	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	30	100	100				
48	Juldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	0	0	100	100				
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	100	100				
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0				
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	19	19				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	10	20	40				
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	25	50	100				
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54				
54	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110				
Chattogram Zone Total				2226	2166	674.4	931	1484	1659	0	0		
55	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	80	80	80	55		Gas Shortage	
	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	
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	5	37	37	37				
57	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	200	200	200	200				
58	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	305	295	360	360				
59	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	360	295	360	360				
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	25	55	55				
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	36	36				
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	0	35	35	35				
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	100	150				
64	Titus 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50				
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	79	140	140	150				
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	26	150	200				
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22				
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	33	33	33				
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	0	50				
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	21	21				
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200				
	Feni Lanka Power	HFO (IPP)	7*18.415+1*9.78			119	119	119	119			On test	
**	Impoort (Tripura)	India		160	160	92	122	116	144				
Cumilla Zone Total				2813	2753	1274	1469	1875	2313	318	0		
73	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	126	175	160	175				
74	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22				
75	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	0	0	95				
76	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	0	115	115				
77	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	80	100	100	200				
78	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.9	0	1.6	0				
Mymensingh Zone Total				645	637	207.9	297	398.6	607	0	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.11.19 (Yesterday)		22.11.19 (Today)		21.11.19 (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)				
79	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	59	60	60	60					
80	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	53	52	52					
81	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	5	53	51	51					
82	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	21	30	30					
83	Kushira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163					
84	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11					
85	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	64	67	66	66					
86	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	277	256	330	330					
87	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	5	77	79	79					
88	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0					
89	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	0	0	0	0					
90	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	17	20	20					
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	2	34	40	40					
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10					
93	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	24	24	24					
94	Bibianna-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	315	341	341					
95	Bibianna-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	326	348	400	400					
Sylhet Zone Total					1994	1949	1213	1476	1677	1677	0	0		
96	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	44					
97	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	355	340	375	410					
98	Fairpur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	0	0	40					
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	70					
100	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	200					
101	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	0	0	115					
102	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	80					
103	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	24	40	40					
104	Rupsha 105 MW PP (Oron rupsha)	HFO (IPP)	6x18.445	105	105	35	35	0	105					
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	0	100					
**	Bheramara (HVDC)	India		1000	1000	637	781	645	791					
Khulna Zone Total					2328	2314	1027	1180	1140	2015	0	0		
106	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30					
107	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	16	70	110					
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	12	25	25	25					
109	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	153	153	153	153					
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	22	95	95					
Barishal Zone Total					472	462	165	216	343	413	0	0		
111 a)	Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	70	70	70	70					
b)	Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage		
112	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50					
113	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200					
114	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	45					
115	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	33	50	50					
116	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	0	80	100					
117	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	40	40					
118	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	42	42					
119	Santalhar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36					
120	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	207	176	210	210					
121	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0					
122	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	188	185	220	220					
123	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	384	357	400	400					
124	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	3	22	22	22					
125	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	3	13	14	14					
126	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
127	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52					
128	Confidence Power Bogura	HFO (IPP)	6*18.55			0	0	113	113			On Test		
	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	0	0	0	113					
Rajshahi Zone Total					2080	2070	863	867	1524	1788	100	0		
129 a)	Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance	21.12.19	
b)	Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	62	63	63	63					
130	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	240	280	290	290					
131	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
132	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	35	113	113					
133	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17					
134	Majpara, Tabula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	5.4	0	8	0					
Rangpur Zone Total					685	605	307	378	474	500	0	85		
Sub-total: Plants in operation					19290	18767	7295	8785	12691	15215	1349	470		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							6885	8110	11977	14359				
(B) Contract expired power plants														
135	Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0				Contract expired	
136	Brahmanbaria 85 MW PP (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0				Contract expired	
Sub-Total: Plants under long term maintenance					138	138	0	0	0	0				
Gross Total					19428	18905	7295	8785	12691	15215	1349	470		
(C) Actual data of 21.11.19 (Yesterday) Thursday :														
01.	Max. Demand (Generation end)	: 8785.00 MW, at = 19:00 hrs P				12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 8110.00 MW, at = 19:00 hrs P				Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	: 8785.00 MW, at = 19:00 hrs				Dhaka	3214	3214	0	Mymensingh	639	639	0	
04.	Minimum Generation (Generation end)	: 5647.00 MW, at = 5:00 hrs				Chattogram	905	905	0	Sylhet	329	329	0	
05.	Day-peak Generation (Generation end)	: 7294.70 MW, at = 12:00 hrs				Khulna	953	953	0	Barishal	208	208	0	
06.	Evening-peak Generation (Generation end)	: 8785.00 MW, at = 19:00 hrs				Rajshahi	953	953	0	Rangpur	208	208	0	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs P				Curmilla	701	701	0					
08.	Actual Minimum Generation up to 8:00 hrs.	: 5475.90 MW, at = 8:00 hrs am								Total	8110	8110	0	
09.	Generation shortfall at evening peak due to :					13.	Fuel cost :	(a) Gas = 122426972 Taka	(c) Coal = 35215255 Taka					
	a) Gas limitation	: 1349 MW					(b) Oil = 51843442 Taka	Total = 157642226 Taka						
	d) Coal supply Limitation	: 0 MW				14.	Maximum Temperature in Dhaka was :	29.6° C						
	e) Low water level in Kaptaai lake	: 0 MW				15.	Export through East-West interconnections :							
	c) Plants under shut down/ maintenance	: 470 MW					At evening peak-hour	: -36 MW, at 19:00 hrs PM						
10.	Total Energy (Generation + India Import)	: 169.98 MKWh					Maximum	: -150 MW, at 7:00 hrs						
	By Gas = 133.675 MKWh						Energy	: 0.073 MKWh						
	By Coal = 7.788 MKWh													
	By Solar = 0.170 MKWh													
11.	Total Gas Supplied	: 1147.18 MMCFD												
(D) Forecast of 22.11.19 (Today) Friday :														
01.	Maximum Demand	: 8000 MW (Generation end)				04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	: 15215 MW (Generation end)				05.	Total Generation	: 154.80 MKWh						
03.	Maximum Shortage	: -7215 MW (Generation end)				06.	Probable Max. Temperature in Dhaka :	27.8° C						

* Captive Power ** Imported Power
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(MONIRUZZAMAN)
Deputy Secretary, Generation