



**Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation
Tel : 9564667, 9551095

Month August, 2019		10450 MW		Day : Sunday		Date : 11.08.19						
Probable Maximum Demand :		10450 MW		Probable Maximum Generation :		14819 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 104.98 ft		Today = 104.93 ft		Rule Curve = 92.20 ft.						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.08.19 (Yesterday)		11.08.19 (Today)		Rule Curve = 92.20 ft.		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
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	70	70	70	70			
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	95	184	200	200			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	0	0	0	0			
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	220	240	200	200			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	84	100	100			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	70	70			
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage
6	Haripur GTPP	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	283	336	300	300			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	325	400	325	325			
9	210 MW Siddhirgonj 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	360	347	370	370			
11	Siddhirgonj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	79	100	90	210	110		Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217	217	217	0	0	0	0			
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	230	250	280	280			
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	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	0	100	101			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	39	43	57	57			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	28	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	28	17	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	24	42	42			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	35	88	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	50	149	149			
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	27	47	40	47			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	35	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	0	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	10	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300			
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
33	Aurahati 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	0	18	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	72	72	72			
Dhaka Zone Total				5929	5693	1846	2465	3621	4349	370	0	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	212	213	213	213			
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	100	100	80		Gas Shortage
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	120	120	120	120	60		Gas Shortage
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	2.8	0	4.4	0			
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25			
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19.1	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	50	50			
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	17	50	100			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	137	130	140	150			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	216	205	215	215			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	106	230	260			
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	10	10	100	100			
48	Juldah 100 MW Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	0	100	100	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	40	80			
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
51	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			35	37	34	34			
51	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	98	95	96			
	Jodiac Power	HFO (IPP)				17	0	0	0			
	Kamaphuli Power Ltd.	HFO (IPP)				109	0	109	109			
Chattogram Zone Total				2062	2002	996.9	1215	1667.4	1774	140	0	
53	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	135	120	120			
	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
54	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	33	36	33	33			
55	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1x75	221	221	202	182	220	220			
56	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	295	305	360	360			
57	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	296	335	360	360			
58	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	47	54	52	52			
59	Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0			
60	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'16	195	195	68	68	68	68			
61	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	5	35	43	43			
62	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	150	150			
63	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
64	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	140	140	140	140			
65	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	200	200	200			
66	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	16	21	22	22			
67	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
68	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	33	33	33			
69	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	52	52	52			
70	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	20	20	20			
71	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	16x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
**	Impoppt (Tripura)	India		160	160	126	176	131	180			
Cumilla Zone Total				2866	2806	1344	1803	2015	2314	263	0	
72	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	184	191	190	190			
73	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22			
74	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	91	95	95			
75	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	70	115	115	115			
76	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	100	100	200			
77	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.3	0	1.6	0			
Mymensingh Zone Total				645	637	283.3	517	523.6	622	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	10.08.19 (Yesterday)		11.08.19 (Today)		10.08.19 (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)			
78	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	58	59	60	60				
79	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	70	70	63	63				
80	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	8	53	51	51				
81	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	47	44	44				
82	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
83	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	5	11	11				
84	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	62	64	66				
85	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	154	158	260	260				
86	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	10	77	73	75				
87	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	5	46	44	44				
88	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	124	110	120	120				
89	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	0	17	17				
90	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	12	45	42	43				
91	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	3	24	24	24				
93	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	315	300	300	320				
94	Bibiana-III 400 MW CAPP	Gas (PDB)	1x285	285	285	173	212	85	85				
Sylhet Zone Total				1879	1834	1117	1378	1431	1456	0	0		
95	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	32				
96	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 279+1 x 132	410	410	410	330	300	300				
97	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	30	0	36				
98	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	70	0	75				
99	Khulina 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	200	200				
100	Khulina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115				
101	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	99	80	100				
102	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
103	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	90	105	105				
104	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	75	100	10	100				
**	Bheramara (HVDC)	India		1000	1000	734	828	596	745				
Khulina Zone Total				2328	2314	1219	1702	1446	1848	0	0		
105	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	12	0	30				
106	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	70	110				
107	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	24	37	33	35				
108	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	0	0	65	65				
109	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	95	95	95				
Barishal Zone Total				472	462	24	254	263	335	0	0		
110	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	55	55	55	55				
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Under transformer Maint.	14.8.19	
111	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50				
112	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
113	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	20	0	30				
114	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	12	43	40	40				
115	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	40	80	100				
116	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44	47	47				
117	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	8	25	50	50				
118	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	0	35				
119	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	203	192	215	215				
120	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0				
121	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	202	181	205	215				
122	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	400	369	400	400				
123	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
124	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	16	15	14	14				
125	Ulapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
126	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	8	52	52	52				
127	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	0	112	113	113				
Rajshahi Zone Total				2080	2070	934	1261	1554	1649	0	100		
128	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	94	91	91	91				
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	25.8.19	
129	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	250	249	250	250				
130	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
	Rangpur 113 MW PP (Confidence)	HFO (IPP)				114	114	114	114		On Test		
131	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
132	Majpara, Tatalia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	2.8	0	8	0		On Test		
Rangpur Zone Total				572	492	461	454	463	472	0	85		
Sub-total: Plants in operation				18833	18310	8225	11049	12984	14819	773	185		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						7719	10164	12185	13907				
(B) Contract expired power plants													
133	Brahmanbaria 85 MW PP (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0		Contract expired		
134	Sikalbaha 51 MW PP(Energis)	HFO (RPP)	4+12.5+2+11.9+1+3+1+1.5	51	51	0	0	0	0		Contract expired		
Sub-Total: Plants under long term maintenance				136	136	0	0	0	0	0			
Grand Total				18969	18446	8225	11049	12984	14819	773	185		
(C) Actual data of 10.08.19 (Yesterday) Saturday :													
01.	Max. Demand (Generation end)	:	11049.00	MW, at = 21:00:00 hr	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10164.00	MW, at = 21:00:00 hr	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	11049.00	MW, at = 21:00 hrs		MW	MW	MW		MW	MW	MW	
04.	Minimum Generation (Generation end)	:	7818.30	MW, at = 8:00 hrs	Dhaka	3100	3100	0	Mymensingh	948	948	0	
05.	Day-peak Generation (Generation end)	:	8225.00	MW, at = 11:00 hrs	Chattogram	995	995	0	Sylhet	493	493	0	
06.	Evening-peak Generation (Generation end)	:	11049.00	MW, at = 21:00:00 hr	Khulina	1469	1469	0	Barishal	294	294	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00:00 hr	Rajshahi	1469	1469	0	Rangpur	294	294	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	7714.00	MW	Cumilla	1102	1102	0					
09.	Generation shortfall at evening peak due to :	:							Total	10164	10164	0	
a)	Gas limitation	:	773	MW	13.	Fuel cost :		(a) Gas = 147368615 Taka	(c) Coal = 39049107 Taka				
d)	Coal supply Limitation	:	0	MW				(b) Oil = 288647766 Taka	Total = 186417723 Taka				
b)	Low water level in Kaptai lake	:	0	MW									
c)	Plants under shut down/ maintenance	:	185	MW	14.	Maximum Temperature in Dhaka was :		35.6° C					
10.	Total Energy (Generation + India Import)	:	224.82	MKWh	15.	Export through East-West interconnections :							
	By Gas = 153.285 MKWh			By Oil = 36.880 MKWh		At evening peak-hour		:	-310	MW, at 21:00:00 hrs PM			
	By Coal = 8.300 MKWh			By Hydro = 4.993 MKWh		Maximum		:	-320	MW, at 19:30 hrs			
	By Solar = 0.155 MKWh					Energy		:	1.6205	MKWh			
11.	Total Gas Supplied	:	1341.10	MWCFD									
(D) Forecast of 11.08.19 (Today) Sunday :													
01.	Maximum Demand	:	10450	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14819	MW (Generation end)	05.	Total Generation : 212.63 MKWh							
03.	Maximum Shortage	:	-4369	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 35.3° C							

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

(MONIRUZZAMAN)
Deputy Secretary, Generation