



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month August, 2019		Day : Saturday				Date : 10.08.19					
Probable Maximum Demand : 11000 MW		Probable Maximum Generation : 14978 MW				Rule Curve = 91.88 ft.					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 104.97 ft				Today = 104.98 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.08.19 (Yesterday)		10.08.19 (Today)		09.08.19 (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	70	70	70	70		
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	159	220	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	0	250	200	200		
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	12	0	100	100		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	50	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	0	0	300	300		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	325	325	325	325		
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	380	345	370	370		
11	Siddhirganj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	97	146	90	210	64	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217	217	217	0	0	0	0		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	0	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	287	255	280	280		
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	41	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	55	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	50	10	100	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	50	72	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	49	56	57	57		
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	15	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	0	33	42	42		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	45	106	100	100		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	98	149	149		
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	18	47	40	47		
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	53	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	64	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	55	55	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	1724	2509	3621	4349	324	0
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	210	210	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	2.84	0	4.4	0		
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25		
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	5	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	47	50	50		
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	0	0	50	100		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	133	130	140	150		
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	218	203	215	215		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	88	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	51	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	19	22	22		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			35	42	34	34		
51	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	50	95	96		
	Jodiac Power	HFO (IPP)				0	0	0	0		
	Kamaphuli Power Ltd.	HFO (IPP)				109	109	109	109		
Chattogram Zone Total				2062	2002	961.84	1304	1667.4	1774	140	0
53	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	80	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	33	33	33		
55	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1x75	221	221	203	181	220	220		
56	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	290	290	360	360		
57	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	290	310	360	360		
58	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	38	53	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	15	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	138	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	0	0	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	33	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	15	20	20	20		
71	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	8x1.4+4x1.515+15x1.05	200	200	0	0	0	200		
**	Impoort (Tripura)	India		160	160	108	168	131	180		
Cumilla Zone Total				2866	2806	1311	1687	2015	2314	263	0
72	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	186	178	190	190		
73	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	22	22		
74	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	90	95	95		
75	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	20	115	115	115		
76	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	170	100	200		
77	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	1.6	0		
Mymensingh Zone Total				645	637	223	573	523.6	622	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	09.08.19 (Yesterday)		10.08.19 (Today)		09.08.19 (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 CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	58	60	60				
79	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	63	64	63	63				
80	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	5	53	51	51				
81	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	20	43	44	44				
82	Kushiana 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
83	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
84	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	75	64	66				
85	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	153	150	260	260				
86	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	10	64	73	75				
87	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	40	45	44	44				
88	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	123	108	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	36	45	42	43				
91	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	10	10	10				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
93	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	330	285	300	320				
94	Bibiana-III 400 MW CCGP	Gas (PDB)	1x285	285	285	20	111	85	85				
Sylhet Zone Total				1879	1834	1093	1309	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 CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	350	410	300	300				
97	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	36	0	36				
98	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	68	0	75				
99	Khulina 225 MW CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	200	200				
100	Khulina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	16	115	115	115				
101	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	44	80	100				
102	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
103	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	53	105	105	105				
104	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	106	10	100				
**	Bheramara (HVDC)	India		1000	1000	727	824	746	844				
Khulina Zone Total				2328	2314	1186	1748	1596	1947	0	0		
105	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	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	23	33	33	35				
108	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	180	180	175	180				
109	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	21	97	95	95				
Barishal Zone Total				472	462	224	422	373	450	0	0		
110	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	55	0	0	0				
	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	0	0	30				
114	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	12	40	40	40				
115	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	93	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	0	50	50	50				
118	Santlaha 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	29	0	35				
119	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	201	181	215	215				
120	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0				
121	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	204	186	205	215				
122	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	405	330	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	10	16	14	14				
125	Ulapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11				
126	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	5	52	52	52				
127	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	0	113	113	113				
Rajshahi Zone Total				2080	2070	918	1217	1499	1594	0	100		
128	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	91	102	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	249	250	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	7	0	8	0			On Test	
Rangpur Zone Total				572	492	461	466	463	472	0	85		
Sub-total: Plants in operation				18833	18310	8102	11235	13189	14978	727	185		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						7684	10495	12509	14206				
(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)	4x12.5+2x11.9+1x3+1x1.5	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	8102	11235	13189	14978	727	185		
(C) Actual data of 09.08.19 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	11235.00 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)	:	10495.00 MW, at = 21:00:00 hr	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	11235.00 MW, at = 21:00 hrs	Dhaka	3416	3416	0	Mymensingh	927	927	0		
04.	Minimum Generation (Generation end)	:	7384.55 MW, at = 9:00 hrs	Chattogram	1036	1036	0	Sylhet	524	524	0		
05.	Day-peak Generation (Generation end)	:	8101.84 MW, at = 11:00 hrs	Khulina	1453	1453	0	Barishal	313	313	0		
06.	Evening-peak Generation (Generation end)	:	11235.00 MW, at = 21:00:00 hr	Rajshahi	1453	1453	0	Rangpur	313	313	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 21:00:00 hr	Cumilla	1060	1060	0						
08.	Actual Minimum Generation up to 8:00 hrs.	:	7818.30 MW										
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	:	727 MW	13.	Fuel cost : (a) Gas = 143692113 Taka (c) Coal = 39028657 Taka								
	d) Coal supply Limitation	:	0 MW		(b) Oil = 298903353 Taka Total = 182720771 Taka								
	b) Low water level in Kaptai lake	:	0 MW										
	c) Plants under shut down/ maintenance	:	185 MW	14.	Maximum Temperature in Dhaka was : 33.5° C								
10.	Total Energy (Generation + India Import)	:	219.36 MKWh	15.	Export through East-West interconnections :								
	By Gas = 146.154 MKWh				At evening peak-hour : -46 MW, at 21:00:00 hrs PM								
	By Coal = 8.295 MKWh				Maximum : -52 MW, at 22:00 hrs								
	By Solar = 0.109 MKWh				Energy : 0.1315 MKWh								
11.	Total Gas Supplied	:	1297.26 MMCFD										
(D) Forecast of 10.08.19 (Today) Saturday :													
01.	Maximum Demand	:	11000 MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	14978 MW (Generation end)	05.	Total Generation : 214.77 MKWh								
03.	Maximum Shortage	:	-3978 MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 33.8° C								

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

(MONIRUZZAMAN)
Deputy Secretary, Generation