



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9544667, 9551095

Month September, 2019		Day : Sunday				Date : 01.09.19					
Probable Maximum Demand : 12900 MW		Probable Maximum Generation : 15210 MW				Rule Curve = 99.00 ft.					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 105.37 ft				Today = 105.40 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.08.19 (Yesterday)		01.09.19 (Today)		31.08.19 (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	0	0	0	0		On Test
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	200		On Test
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	110	110	110	110		
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	380	350	350		
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	87	92	90	90		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	50	50	70	75		
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	346	350	350	350		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	370	370	370	370		
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	359	345	360	360		
11	Siddhirganj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	40	65	100	100	145	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217	217	217	0	12	12	12		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	70	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	285	260	290	290		
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	93	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	95	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	42	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	70	100	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	48	102	100	100		
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	46	57	57		
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	16	33	33	33		
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	52	51	51	51		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	88	89	100	100		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	32	133	133	133		
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	12	42	46	46		
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	53	53	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	195	200	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	82	133	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	17	35	55	55		
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55		
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	72	72	72	72		
Dhaka Zone Total			5929	5693	2648	3568	3787	4592	405	0	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	208	207	210	210		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	100	100		
	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	5.4	0	4.4	0		
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	25	25	25	25		
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	13.8	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	31	32	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	100	130	130	130		
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	209	205	215	215		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	125	178	230	260		
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	10	30	100	100		
48	Juldah 100 MW Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100		
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	85	50	85		
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	21	22	22	22		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	22	10	30		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	30	75	90	90		
	Jodiac Power	HFO (IPP)				0	0	30	31		
53	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	17	113	113		
Chattogram Zone Total			2172	2112	1107.2	1338	1669.4	1781	0	0	
54	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0		
	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	100	100	135	135		
55	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	30	30	30	30		
56	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	214	161	225	225		
57	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	235	240	240	240		
58	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	295	345	360	360		
59	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	52	53	55	55		
60	Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0		
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'16	195	195	55	55	55	55		
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43		
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	50	70	150	150		
64	Titas 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	131	132	140	140		
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	105	200	200	200		
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	21	22	22		
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11		
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33		
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	52	52	52		
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	20	20	20		
72	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	134	192	149	190		
Cumilla Zone Total			2866	2806	1516	1758	1920	2211	129	0	
73	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	169	144	150	150		
74	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22		
75	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	48	95	95	95		
76	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	80	115	115	115		
77	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	7	170	200	200		
78	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.9	0	1.6	0		
Mymensingh Zone Total			645	637	326.9	546	583.6	582	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.08.19 (Yesterday)		01.09.19 (Today)		31.08.19 (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)				
79	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32-1x33	97	70	60	59	60	60					
80	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	31	31	30	30					
81	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	22	46	51	51					
82	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	49	50	50					
83	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163					
84	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
85	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	65	66	67	67					
86	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	146	240	256	250					
87	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	50	82	77	77					
88	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	44	46	45	46					
89	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	80	71	70	100					
90	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18					
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	43	46	46	46					
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10					
93	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	24	24	24					
94	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	285	300	320					
95	Bibiyana-II 400 MW CAPP	Gas (PDB)	1x285	285	285	0	0	0	0					
Sylhet Zone Total					1879	1834	1079	1247	1278	1323	0	0		
96	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	30					
97	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	290	360	380	410					
98	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	25	0	42					
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	50	0	75					
100	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	200	200					
101	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	16	115	115	115					
102	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	80	100					
103	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40					
104	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	22	105	105	105					
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	52	101	100	100					
**	Bheramara (HVDC)	India		1000	1000	908	913	924	924					
Khulna Zone Total					2328	2314	1328	1809	1944	2141	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	110	70	110					
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	10	34	25	35					
109	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	180	173	180	180					
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	53	96	95	95					
Barishal Zone Total					472	462	243	413	370	450	0	0		
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	55	55	60	60					
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under transformer Maint.		
112	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50			07.9.19		
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	10	0	30					
115	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	12	50	40	50					
116	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	93	80	100					
117	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	11	40	47	47					
118	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	42	42	42	42					
119	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	28	0	35					
120	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	214	192	215	215					
121	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0					
122	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	152	189	205	215					
123	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	280	370	400	400					
124	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
125	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	7	7	7	7					
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	8	52	52	52					
128	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	70	113	113	113					
Rajshahi Zone Total					2080	2070	881	1324	1544	1649	0	100		
129	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	69	71	70	70					
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance		
130	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	250	270	280	280			30.9.19		
131	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0					
132	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	76	99	113	113					
133	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	18					
134	Majpara Tabula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	2.4	0	8	0			On Test		
Rangpur Zone Total					685	605	397	440	471	481	0	85		
Sub-total: Plants in operation					19056	18533	9527	12443	13567	15210	534	185		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							9063		11684		12907		14470	
(B) Contract expired power plants														
135	Brahmanbaria 85 MW PP (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			Contract expired		
Sub-Total: Plants under long term maintenance					85	85	0	0	0	0				
Gross Total					19141	18618	9527	12443	13567	15210	534	185		
(C) Actual data of 31.08.19 (Yesterday) Saturday :														
01.	Max. Demand (Generation end)	: 12443.00 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)	: 11684.00 MW, at = 21:00:00 hr	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed				
03.	Highest Generation (Generation end)	: 12443.00 MW, at = 20:00 hrs	Dhaka	4282	4282	0	Mymensingh	999	999	0				
04.	Minimum Generation (Generation end)	: 9167.00 MW, at = 9:00 hrs	Chattogram	1060	1060	0	Sylhet	534	534	0				
05.	Day-peak Generation (Generation end)	: 9526.50 MW, at = 11:00 hrs	Khulna	1490	1490	0	Barishal	359	359	0				
06.	Evening-peak Generation (Generation end)	: 12443.00 MW, at = 21:00:00 hr	Rajshahi	1490	1490	0	Rangpur	359	359	0				
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00:00 hr	Cumilla	1111	1111	0								
08.	Actual Minimum Generation up to 8:00 hrs.	: 9010.93 MW												
09.	Generation shortfall at evening peak due to :													
	a) Gas limitation	: 534 MW	13.	Fuel cost :	(a) Gas = 152173259 Taka	(c) Coal = 40774994 Taka								
	d) Coal supply Limitation	: 0 MW			(b) Oil = 550553031 Taka	Total = 192948253 Taka								
	b) Low water level in Kaptai lake	: 0 MW												
	c) Plants under shut down/ maintenance	: 185 MW	14.	Maximum Temperature in Dhaka was :	36.3° C									
10.	Total Energy (Generation + India Import)	: 260.92 MKWh	15.	Export through East-West interconnections :										
	By Gas = 158.611 MKWh	By Oil = 62.675 MKWh		At evening peak-hour	: -140 MW, at 21:00:00 hrs PM									
	By Coal = 9.013 MKWh	By Hydro = 4.864 MKWh		Maximum	: -140 MW, at 20:00 hrs									
	By Solar= 0.161 MKWh			Energy	: 0.2215 MKWh									
11.	Total Gas Supplied	: 1368.76 MMCFD												
(D) Forecast of 01.09.19 (Today) Sunday :														
01.	Maximum Demand	: 12900 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)									
02.	Maximum Generation	: 15210 MW (Generation end)	05.	Total Generation	: 270.50 MKWh									
03.	Maximum Shortage	: -2310 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	33.2° C									

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation