



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month August, 2019		Day : Friday			Date : 02.08.19						
Probable Maximum Demand : 11200 MW		Probable Maximum Generation : 14550 MW			Rule Curve = 89.32 ft.						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 105.80 ft			Today = 105.73 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.08.19 (Yesterday)		02.08.19 (Today)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gas/water/Coal limitation MW	Machines shut down (MW)	
					Day	Evening	Day	Evening			
(A) Plants in operation:											
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	78	0	0	0		
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	230	220	260		On Test
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	180	200	220	220		On Test
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	200	0	0	0		
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		
3	Ghorashah 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	33	100	100	100		
4	Ghorashah 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	71	60	75		
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	140	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	280	0	0	0		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	260	450	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	0	352	370	370		
11	Siddhirganj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217	217	217	0	12	10	10		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	32	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	296	280	280		
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	125	50	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	44	30	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	72	55	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	100	100	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	43	101	100	102		
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	57	57	57		
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	31	25	33	33		
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	33	33	33		
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	100	42	42	42		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	16	87	100	100		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	41	144	149	149		
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	47	45	47		
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	1	53	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	23	115	200	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	149	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	53	51	0	300		
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	0	100		
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	72	0	100		
34	Nabaganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	295	55	55	55		
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	15	55	55	55		
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	13	66	72	72		
Dhaka Zone Total				5929	5693	2129	3202	3331	3990	470	0
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	131.5	218	220	220		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	95	100	100	85	Gas Shortage
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	95	120	120	120	60	Gas Shortage
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	87	0	4.4	0		
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	120	8	25	25		
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	24	50	50	50		
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	0	29	50	100		
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	145	116	130	130		
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	13	215	215	215		
46	Anwara 300 MW PP (Uniled)	HFO (IPP)	17x17.076+3x8.04	300	300	115	179	230	260		
47	Juldah 100 MW Unit-1 (Accorn)	HFO (QRPP)	8x13.45	100	100	0	40	100	100		
48	Juldah 100 MW PP Unit-3 (Accorn)	HFO (IPP)	8x13.45	100	100	149	100	100	100		
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	85	0	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	0	22	22	22		
*	Malancha, Ctg EPZ (Uniled)	Gas	5x8.73+3x9.34			144	33	15	30		
51	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	50	51	95	97		
	Jodiac Power	HFO (IPP)				3	0	0	0		
	Kamaphuli Power Ltd.	HFO (IPP)				1	0	0	0		
Chattogram Zone Total				2062	2002	1167.5	1361	1496.4	1654	145	0
53	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	120	100	100		
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	80	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	0	37	36	36		
55	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	33	203	220	220		
56	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	196	335	340	360		
57	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	320	335	360	360		
58	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	340	51	52	52		
59	Ashuganj 53MW PP (Uniled)	Gas (QRPP)	14x4.00	53	53	70	0	0	0		
60	Ashuganj 195MW PP (APSL-)	Gas (IPP)	20'9.73+1*16	195	195	0	68	78	75		
61	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	49	43	43	43		
62	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	106	10	150	150		
63	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	42		
64	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	51	137	90	90		
65	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	100	199	200	200		
66	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	3	21	22	22		
67	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	16	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	8	49	52	52		
70	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	33	15	20	20		
71	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	8x1.4+4x1.515+15x1.05	200	200	0	0	0	200		
**	Impoprt (Tripura)	India		160	160	22	176	140	184		
Cumilla Zone Total				2866	2806	1435	1843	1947	2250	263	0
72	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	250	100	145	145		
73	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22		
74	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	62	93	95	95		
75	Jamalpur 115 MW PP (Uniled)	HFO (IPP)	12x9.87	115	115	240	115	115	115		
76	Mymensingh 200 MW PP (Uniled)	HFO (IPP)	21x9.780	200	200	0	160	100	200		
77	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	163	0	1.6	0		
Mymensingh Zone Total				645	637	737	490	478.6	577	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.08.19 (Yesterday)		02.08.19 (Today)		01.08.19 (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	0	53	53	53				
79	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	54	69	69	69				
80	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	51	53	51	51				
81	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	10	49	44	44				
82	Kushiana 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	35	163	163	163				
83	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	10	11	11	11				
84	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	266	62	64	66				
85	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	69	269	260	260				
86	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	61	75	73	73				
87	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	75	45	44	44				
88	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	42	92	120	125				
89	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	119	17	17	17				
90	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	17	44	45	45				
91	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	41	10	10	10				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	47	24	24	24				
93	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	24	310	315	320				
94	Bibiana-III 400 MW CCGP	Gas (PDB)	1x285	285	285	70	252	300	300				
Sylhet Zone Total					1879	1834	951	1598	1663	1675	0	0	
95	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	16	0	32				
96	Bheramara 360 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	929	0	0	0		410	Under Maintenance	07.8.19
97	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	37	0	35				
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	225	225				
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	21	50	0	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	105	105	105				
104	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	86	84	85				
**	Bheramara (HVDC)	India		1000	1000	83	926	931	931				
Khulina Zone Total					2328	2314	1033	1443	1500	1743	0	410	
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	48	70	110				
107	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	179	37	33	33				
108	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	61	179	175	175				
109	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	95	95	95				
Barishal Zone Total					472	462	240	359	373	443	0	0	
110	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	249	35	55	55				
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	55	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	25	0	30				
114	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	8	40	40	40				
115	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	95	80	100				
116	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	42	45	45	45				
117	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	12	50	42	42				
118	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	0	35				
119	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	200	179	215	215				
120	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	186	180	200	210				
121	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	171	178	205	215				
122	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	320	410	400	400				
123	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	0	22	22	22				
124	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	21	14	16	16				
125	Ulapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	13	11	11	11				
126	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	52	52	52				
127	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	0	113	110	113				
Rajshahi Zone Total					2080	2070	1277	1529	1743	1851	0	100	
128	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0				
	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	0	175	250	250				
130	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	94	0	0	0				
	Rangpur 113 MW PP (Confidence)	HFO (IPP)				0	0	50	100			On Test	
131	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	16	0	17				
	Sympa Solar Power 8MW	Solar (IPP)		0	0	70	0	3	0			On Test	
Rangpur Zone Total					564	484	164	191	303	367	0	85	
Sub-total: Plants in operation					18825	18302	9134	12016	12835	14550	878	595	
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss					8784	11218	12165	13791					
(B) Contract expired power plants													
132	Brahmanbaria 85 MW PP (Aggreko)	Gas (QRPP)	86x1.10	85	85	0	0	0	0			Contract expired	
133	Sikalbaha 51 MW PP(Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	40	0	0	0			Contract expired	
Sub-Total: Plants under long term maintenance					136	136	40	0	0	0			
Grand Total					18961	18438	9174	12016	12835	14550	878	595	
(C) Actual data of 01.08.19 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	12016.00	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)	:	11218.00	MW, at = 21:00:00 hr	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	12016.00	MW, at = 21:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	8651.10	MW, at = 8:00 hrs	Dhaka	4119	4119	0	Mymensingh	945	945	0	
05.	Day-peak Generation (Generation end)	:	9173.50	MW, at = 11:00 hrs	Chattogram	1147	1147	0	Sylhet	501	501	0	
06.	Evening-peak Generation (Generation end)	:	12016.00	MW, at = 21:00:00 hr	Khulina	1386	1386	0	Barishal	327	327	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00:00 hr	Rajshahi	1386	1386	0	Rangpur	327	327	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	8272.00	MW	Cumilla	1080	1080	0					
09.	Generation shortfall at evening peak due to :	:							Total	11218	11218	0	
	a) Gas limitation	:	878	MW	13.	Fuel cost :	(a) Gas = 149261334 Taka	(c) Coal = 23380894 Taka					
	d) Coal supply Limitation	:	0	MW		(b) Oil = 533417927 Taka	Total = 172642228 Taka						
	b) Low water level in Kaptai lake	:	0	MW									
	c) Plants under shut down/ maintenance	:	595	MW	14.	Maximum Temperature in Dhaka was :	33.2° C						
10.	Total Energy (Generation + India Import)	:	246.58	MKWh	15.	Export through East-West interconnections :							
	By Gas = 151.283			MKWh		At evening peak-hour	: -330	MW, at 21:00:00 hrs PM					
	By Coal = 5.717			MKWh		Maximum	: -370	MW, at 22:00 hrs					
	By Solar = 0.190			MKWh		Energy	: 1.994	MKWh					
11.	Total Gas Supplied	:	1344.23	MMCFD									
(D) Forecast of 02.08.19 (Today) Friday :													
01.	Maximum Demand	:	11200	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	14550	MW (Generation end)	05.	Total Generation	:	229.83	MKWh				
03.	Maximum Shortage	:	-3350	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.2° C					

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

(MONIRUZZAMAN)
Deputy Secretary, Generation