



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month August, 2019		Day : Wednesday				Date : 28.08.19					
Probable Maximum Demand : 12800 MW		Probable Maximum Generation : 15145 MW				Rule Curve = 97.68 ft.					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 105.71 ft				Today = 105.67 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.08.19 (Yesterday)		28.08.19 (Today)		27.08.19 (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	135	133	209	209		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	110	110	110		
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	340	280	300	350		
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	91	91		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	40	40		
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	336	352	350	350		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	360	360	360	360		
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	346	361	350	350		
11	Siddhirganj 2'120 MW GTTP	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	5	13	23	50		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	100	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	260	250	280	280		
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	24	100	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	80	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	0	100	100	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	24	101	100	100		
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	19	22	22		
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	45	49	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	33	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	106	108	100	100		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	48	133	149	149		
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	13	47	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	300	200	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	132	142	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	56	0	300		
32	Bramhangaan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	40	0	100		
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	27	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	2688	3718	3814	4491	470	0
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	210	216	215	215		
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	100	100		
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under transformer Maint. 30.8.19
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5.77	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	15	0	20	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	50	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	145	130	130	130		
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	215	204	215	215		
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	106	106	230	260		
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	10	80	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	79	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	22	22	22	22		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	29	10	25		
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	47	50	95	97		
	Jodiac Power	HFO (IPP)				56	56	37	37		
53	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	113	113		
Chattogram Zone Total				2172	2112	1108.77	1247	1566.4	1674	0	180
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	80	100	100	100		
55	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	30	33	33	33		
56	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	212	180	225	225		
57	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	325	300	360	360		
58	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	355	360	360	360		
59	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	50	53	30	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	35	35	68	68		
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	40	150	150	150		
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	50	0	50		
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	140	132	140	140		
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	200	200	200	200		
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22		
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	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	43	52	52	52		
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	21	20	20		
72	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	8x1.4+4x1.515+15x1.05	200	200	0	52	0	200		
**	Impoopt (Tripura)	India		160	160	152	190	151	191		
Cumilla Zone Total				2866	2806	1787	1916	1998	2313	129	0
73	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	101	118	204	204		
74	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	20	20		
75	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	95	95	95	95		
76	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115		
77	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	50	182	200	200		
78	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	1.6	0		
Mymensingh Zone Total				645	637	383.1	532	635.6	634	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.08.19 (Yesterday)		28.08.19 (Today)		27.08.19 (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	60	60	60				
80	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	22	30	58	58				
81	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	50	50	51	51				
82	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	46	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	11	11	11	11				
85	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	30	32	63	63				
86	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	150	142	160	160				
87	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	75	75	75	75				
88	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	43	45	45	45				
89	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	116	97	68	110				
90	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	18	18	18				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	40	45	41	47				
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	24	16	24	24				
94	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	290	300	320				
95	Bibiyana-II 400 MW CAPP	Gas (PDB)	1x285	285	285	0	0	0	0				
Sylhet Zone Total					1879	1834	1107	1130	1197	1265	0	0	
96	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	32				
97	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	340	330	380	410				
98	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	28	0	42				
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	60	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	8	40	40	40				
104	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	105	105	105	105				
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	69	103	50	100				
**	Bheramara (HVDC)	India		1000	1000	909	908	925	925				
Khulna Zone Total					2328	2314	1447	1789	1895	2144	0	0	
106	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	23	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	25	36	25	35				
109	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	178	173	180	180				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	94	97	50	95				
Barishal Zone Total					472	462	297	439	325	450	0	0	
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	55	45	60	60				
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100	Under transformer Maint.	07.9.19	
112	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50				
113	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	50	200	200				
114	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	36	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	95	80	100				
117	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	45	47	47				
118	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	24	42	50	50				
119	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	0	35				
120	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	196	191	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	189	196	205	215				
123	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	360	260	400	400				
124	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
125	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	15	16	15				
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	92	113	113	113				
Rajshahi Zone Total					2080	2070	976	1303	1561	1665	0	100	
129	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	70	70	98	98				
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85	Under Maintenance	30.9.19	
130	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	270	270	280	280				
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	114	113	113	113				
133	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	12	0	18				
134	Malpara, Tabula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	7.7	0	8	0			On Test	
Rangpur Zone Total					685	605	462	465	499	509	0	85	
Sub-total: Plants in operation					19056	18533	10256	12539	13491	15145	599	365	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							9780	11694	12866	14443			
(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	10256	12539	13491	15145	599	365	
(C) Actual data of 27.08.19 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	: 12539.00 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)	: 11694.00 MW, at = 21:00:00 hr	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed			
03.	Highest Generation (Generation end)	: 12539.00 MW, at = 21:00 hrs	Dhaka	4198	4198	0	Mymensingh	976	976	0			
04.	Minimum Generation (Generation end)	: 9110.72 MW, at = 8:00 hrs	Chattogram	1187	1187	0	Sylhet	498	498	0			
05.	Day-peak Generation (Generation end)	: 10255.57 MW, at = 11:00 hrs	Khulna	1490	1490	0	Barishal	352	352	0			
06.	Evening-peak Generation (Generation end)	: 12539.00 MW, at = 21:00:00 hr	Rajshahi	1490	1490	0	Rangpur	352	352	0			
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00:00 hr	Cumilla	1151	1151	0							
08.	Actual Minimum Generation up to 8:00 hrs.	: 9294.21 MW											
09.	Generation shortfall at evening peak due to :												
	a) Gas limitation	: 599 MW	13.	Fuel cost :	(a) Gas = 146189954 Taka	(c) Coal = 37574186 Taka							
	d) Coal supply Limitation	: 0 MW			(b) Oil = 628232446 Taka	Total = 163764140 Taka							
	b) Low water level in Kaptai lake	: 0 MW											
	c) Plants under shut down/ maintenance	: 365 MW	14.	Maximum Temperature in Dhaka was :	35.3° C								
10.	Total Energy (Generation + India Import)	: 262.97 MKWh	15.	Export through East-West interconnections :									
	By Gas = 154.169 MKWh	By Oil = 70.164 MKWh		At evening peak-hour	: -180 MW, at 21:00:00 hrs PM								
	By Coal = 8.247 MKWh	By Hydro = 4.787 MKWh		Maximum	: -230 MW, at 24:00								
	By Solar= 0.198 MKWh			Energy	: 0.588 MKWh								
11.	Total Gas Supplied	: 1287.43 MMCFD											
(D) Forecast of 28.08.19 (Today) Wednesday :													
01.	Maximum Demand	: 12800 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	: 15145 MW (Generation end)	05.	Total Generation	: 268.44 MKWh								
03.	Maximum Shortage	: -2345 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	35.5° C								

*Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation