



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

Office of the Member, Generation
Tel : 9564667, 9551095

Month August, 2019				Day : Friday		Date : 23.08.19						
Probable Maximum Demand : 11900 MW			Yesterday = 105.65 ft			Probable Maximum Generation : 15407 MW			Today = 105.34 ft			
Water Level of Kaptai Lake at 06:00 AM											Rule Curve = 96.04 ft.	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	22.08.19 (Yesterday)		23.08.19 (Today)		22.08.19 Gen. shortfall for : MW	23.08.19 Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Probable start-up date
					Actual Peak Generation (MW)		Probable Peak Generation (MW)					
					Day	Evening	Day	Evening				
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	70	70	70				
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	134	168	190			On Test	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0			On Test	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0				
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	340	340	350				
3	Ghorasahat 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	83	91	90				
4	Ghorasahat 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	40	71	78				
5	Tongi 80 MW GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	105		Gas Shortage	
6	Haripur GTTP	Gas (PDB)	2 x 32	64	40	0	0	0	40		Gas Shortage	
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	323	356	350				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	360	360	360				
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0		115	Gas Shortage	
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	345	345	350				
11	Siddhirganj 2'120 MW GTTP	Gas (EGCB)	2 x 105	210	210	115	143	200		67	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217	217	217	0	0	0				
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	268	237	280				
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	25	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	8	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	30	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	10	100				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	24	102	100				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22				
21	Summit Power,(Machabadi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	51	50	57				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33				
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	33	33				
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	43	52	51				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	89	106	100				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	16	149	149				
27	Katpatti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	13	40	46				
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	53	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	8	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	100	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0				
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0				
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0				
34	Nabaganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	17	35	55				
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55				
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	72	72	72				
Dhaka Zone Total				5929	5693	2681	3235	3949	327	0		
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	216	204	215				
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	100				
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	180		Under transformer Maint.	27.8.19
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	2.5	0	4.4				
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	25	25	25				
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	0	20				
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	46	50	50				
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	17	9	50				
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	130	131	130				
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	204	177	215				
46	Anwara 300 MW PP (Uniled)	HFO (IPP)	17x17.076+3x8.04	300	300	162	52	230				
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	10	40	100				
48	Juldah 100 MW Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	90	100				
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	85	50				
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0				
51	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22				
*	Malancha, Ctg EPZ (Uniled)	Gas	5x8.73+3x9.34			3	28	30				
51	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	45	97	95				
	Jodiac Power	HFO (IPP)				11	0	0				
	Kamaphuli Power Ltd.	HFO (IPP)				17	108	113				
Chattogram Zone Total				2062	2002	1110.5	1218	1549.4	0	180		
53	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0				
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	0	129		Gas Shortage	
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	100	80	100				
54	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	30	33	33				
55	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1'75	221	221	181	180	225				
56	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	355	290	360				
57	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	345	345	360				
58	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	53	55	15				
59	Ashuganj 53MW PP (Uniled)	Gas (QRPP)	14x4.00	53	53	0	0	0				
60	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'16	195	195	26	26	68				
61	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43				
62	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	70	20	150				
63	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	50				
64	Chandpur 150 MW CCPP	Gas (PDB)	1X105+1x57	163	163	139	132	140				
65	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	199	200	200				
66	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22				
67	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	5	11				
68	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33				
69	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	34	43	52				
70	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	21	20				
71	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	6x1.4+4x1.515+15x1.05	200	200	0	0	0				
**	Impooprnt (Tripura)	India		160	160	158	176	143				
Cumilla Zone Total				2866	2806	1813	1701	1975	129	0		
72	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	158	160	204				
73	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20				
74	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	77	95	95				
75	Jamalpur 115 MW PP (Uniled)	HFO (IPP)	12x9.87	115	115	115	115	115				
76	Mymensingh 200 MW PP (Uniled)	HFO (IPP)	21x9.780	200	200	70	160	200				
77	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.7	0	1.6				
Mymensingh Zone Total				645	637	440.7	550	635.6	0	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.08.19 (Yesterday)		23.08.19 (Today)		22.08.19 (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	60	60	60				
79	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	59	59	58	58				
80	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	47	50	51	51				
81	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	49	50	50				
82	Kushiana 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	100	163	163	163				
83	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11				
84	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	50	63	63				
85	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	145	145	160	160				
86	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	74	80	75	75				
87	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	43	45	45	45				
88	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	0	110	68	110				
89	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	18	18	18	18				
90	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	38	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	15	24	24	24				
93	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	295	270	300	320				
94	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285	285	285	129	222	200	220				
Sylhet Zone Total					1879	1834	1148	1408	1398	1481	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 279+1 x 132	410	410	350	300	320	410				
97	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	37	0	42				
98	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	66	0	75				
99	Khulina 225 MW CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	200	200				
100	Khulina 115 PP MW (KPL-2)	HFO (QRPP)	7x17	115	115	17	83	115	115				
101	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	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	80	105	105	105				
104	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	87	87	50	100				
**	Bheramara (HVDC)	India		1000	1000	924	918	935	935				
Khulina Zone Total					2328	2314	1498	1736	1845	2154	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	25	38	25	35				
108	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	180	180	180	180				
109	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	93	96	95	95				
Barishal Zone Total					472	462	298	424	370	450	0	0	
110	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	55	60	60	60				
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under transformer Maint. 30.8.19	
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	38	0	30				
114	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	12	50	40	50				
115	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	94	80	100				
116	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	38	47	47				
117	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50				
118	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	19	0	35				
119	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	204	193	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	208	155	205	215				
122	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	390	300	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	13	16	16	15				
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	8	52	52	52				
127	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	113	113	113	113				
Rajshahi Zone Total					2080	2070	1080	1261	1561	1665	0	100	
128	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	97	98	98	98				
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance 15.9.19	
129	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	270	270	280	280				
130	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
	Rangpur 113 MW PP (Confidence)	HFO (IPP)				99	105	114	114			On Test	
131	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	15	0	18				
132	Majpara, Tatalia 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	4	0	8	0			On Test	
Rangpur Zone Total					572	492	470	488	500	510	0	85	
Sub-total: Plants in operation					18833	18310	10539	12021	13783	15407	456	365	
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss					10005	11295	13085	14626					
(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	0	
Grand Total					18969	18446	10539	12021	13783	15407	456	365	
(C) Actual data of 22.08.19 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	12021.00 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)	:	11295.00 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)	:	12021.00 MW, at = 19:30 hrs	Dhaka	3991	3991	0	Mymensingh	894	894	0		
04.	Minimum Generation (Generation end)	:	9641.10 MW, at = 8:00 hrs	Chattogram	1225	1225	0	Sylhet	498	498	0		
05.	Day-peak Generation (Generation end)	:	10539.20 MW, at = 11:00 hrs	Khulina	1439	1439	0	Barishal	356	356	0		
06.	Evening-peak Generation (Generation end)	:	12021.00 MW, at = 21:00:00 hr	Rajshahi	1439	1439	0	Rangpur	356	356	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 21:00:00 hr	Cumilla	1097	1097	0						
08.	Actual Minimum Generation up to 8:00 hrs.	:	8244.12 MW										
09.	Generation shortfall at evening peak due to :	:											
a)	Gas limitation	:	456 MW	13.	Fuel cost :		(a) Gas = 150769205 Taka	(c) Coal = 40706190 Taka					
d)	Coal supply Limitation	:	0 MW			(b) Oil = 515890008 Taka	Total = 191475395 Taka						
b)	Low water level in Kaptai lake	:	0 MW										
c)	Plants under shut down/ maintenance	:	365 MW	14.	Maximum Temperature in Dhaka was :		36.4° C						
10.	Total Energy (Generation + India Import)	:	259.39 MKWh	15.	Export through East-West interconnections :								
	By Gas = 159.523 MKWh		By Oil = 60.091 MKWh		At evening peak-hour :		36 MW, at 21:00:00 hrs PM						
	By Coal = 8.677 MKWh		By Hydro = 4.895 MKWh		Maximum :		-130 MW, at 19:00 hrs						
	By Solar = 0.106 MKWh				Energy :		0.588 MKWh						
11.	Total Gas Supplied	:	1357.87 MMCFD										
(D) Forecast of 23.08.19 (Today) Friday :													
01.	Maximum Demand	:	11900 MW (Generation end)	04.	Maximum Load-shed		:	0 MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	15407 MW (Generation end)	05.	Total Generation		:	256.78 MKWh					
03.	Maximum Shortage	:	-3507 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :		32.4° C						

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

(MONIRUZZAMAN)
Deputy Secretary, Generation