



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

Office of the Member, Generation
Tel : 9564667, 9551095

Month August, 2019				Day : Thursday				Date : 01.08.19				
Probable Maximum Demand : 12100 MW				Probable Maximum Generation : 14850 MW				Rule Curve = 89.00 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 105.85 ft				Today = 105.80 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.07.19 (Yesterday)		01.08.19 (Today)		31.07.19 (Yesterday)		01.08.19 (Today)	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance	
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	0	0	0			
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	200	260	220	260			
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	202	200	220	220			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	0	0	0			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	94	100	100	100			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	72	73	60	75			
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage
6	Haripur GTTP	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	283	280	300			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	320	370	450	450			
9	210 MW Siddhirgonj 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	352	300	370	370			
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217	217	217	9	9	10	10			
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	50	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	230	287	280	280			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	16	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	48	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	40	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	24	101	100	102			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	22	22			
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+1x4.73	80	80	57	57	57	57			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	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	42	41	42	42			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	84	87	100	100			
26	Kodda 150MW PP	HFO (BDOB-RPCL)	9x17.06	149	149	32	145	149	149			
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	12	47	45	47			
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	14	200	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	100	146	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	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
34	Nababganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	35	55	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	2416	3230	3611	4290	470	0	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	221	219	220	220			
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	3.8	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	12.7	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	44	50	50	50			
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	17	17	50	100			
44	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	92	130	130	130			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	204	178	215	215			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	215	214	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	100	100	100	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	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	22	22	22	22			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			6	31	15	30			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	12	97	95	97			
Chattogram Zone Total				2062	2002	1179.5	1313	1496.4	1654	140	0	
53	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	80	100	100			
	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	30	36	36	36			
55	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*175	221	221	183	162	220	220			
56	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	310	305	340	360			
57	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	310	310	360	360			
58	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	52	52	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*116	195	195	75	75	78	75			
61	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	35	35	43	43			
62	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	71	150	150	150			
63	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	8	0	42			
64	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	31	87	90	90			
65	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	126	199	200	200			
66	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	16	22	22			
67	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	8	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	7	0	52	52			
70	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	14	15	20	20			
71	Daudkandi 200 MW PP (B,Trac)	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
**	Impcppt (Tripura)	India		160	160	132	176	140	184			
Cumilla Zone Total				2866	2806	1513	1747	1947	2250	263	0	
72	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	145	132	145	145			
73	Tangal 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	91	95	95	95			
75	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115			
76	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	110	190	100	200			
77	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.8	0	1.6	0			
Mymensingh Zone Total				645	637	383.8	554	478.6	577	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.07.19 (Yesterday)		01.08.19 (Today)		31.07.19 (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	54	53	53	53					
79	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	69	69	69	69					
80	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	50	53	51	51					
81	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44					
82	Kushiana 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	100	100	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	62	63	64	66					
85	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	263	258	260	260					
86	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	70	73	73	73					
87	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	44	44	44	44					
88	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	78	111	120	125					
89	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	17	17	17	17					
90	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	44	45	45	45					
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	12	16	24	24					
93	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	320	280	315	320					
94	Bibiana-III 400 MW CCGP	Gas (PDB)	1x285	285	285	234	232	300	300					
Sylhet Zone Total					1879	1834	1488	1485	1663	1675	0	0		
95	Bheramara GTTP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	32	0	32					
96	Bheramara 360 MW CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maintenance	07.8.19	
97	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	33	0	35					
98	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	73	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	16	115	115	115					
101	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	20	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	53	105	105	105					
104	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	68	86	84	85					
**	Bheramara (HVDC)	India		1000	1000	926	926	931	931					
Khulina Zone Total					2328	2314	1063	1430	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	32	70	110					
107	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	23	33	33	33					
108	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	179	179	175	175					
109	Bhola 95 MW PP (Agreko)	Gas (QRPP)	1.1x96	95	95	72	97	95	95					
Barishal Zone Total					472	462	274	340	373	443	0	0		
110	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	55	55	55	55					
	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	Chapainawabganj 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	0	45	45	45					
117	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	24	42	42	42					
118	Santlaha 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	20	0	35					
119	Sirajgonj 225MW CCGP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	194	158	215	215					
120	Sirajgonj 225MW CCGP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	100	149	200	210					
121	Sirajgonj 225MW CCGP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	192	189	205	215					
122	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	350	370	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	14	16	16	16					
125	Ullapara 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	0	53	52	52					
127	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	113	113	110	113					
Rajshahi Zone Total					2080	2070	1081	1428	1743	1851	0	100		
128	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	67	68	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	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)				38	0	50	100			On Test		
131	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	17	0	17					
	Sympa Solar Power 8MW	Solar (IPP)		0	0	2.3	0	3	0			On Test		
Rangpur Zone Total					564	484	356	335	303	367	0	85		
Sub-total: Plants in operation					18825	18302	9755	11862	13115	14850	873	595		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss					9311	11077	12518	14174						
(B) Contract expired power plants														
132	Brahmanbaria 85 MW PP (Agreko)	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	0	0	0	0			Contract expired		
Sub-Total: Plants under long term maintenance					136	136	0	0	0	0	0	0		
Gross Total					18961	18438	9755	11862	13115	14850	873	595		
(C) Actual data of 31.07.19 (Yesterday) Wednesday :														
01.	Max. Demand (Generation end)	:	11862.00	MW,	at = 21:00:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	11077.00	MW,	at = 21:00:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	11862.00	MW,	at = 21:00 hrs		MW	MW	MW		MW	MW	MW	
04.	Minimum Generation (Generation end)	:	8557.50	MW,	at = 8:00 hrs	Dhaka	4121	4121	0	Mymensingh	951	951	0	
05.	Day-peak Generation (Generation end)	:	9754.60	MW,	at = 11:00 hrs	Chattogram	1128	1128	0	Sylhet	483	483	0	
06.	Evening-peak Generation (Generation end)	:	11862.00	MW,	at = 21:00:00 hrs	Khulina	1379	1379	0	Barishal	297	297	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 21:00:00 hrs	Rajshahi	1379	1379	0	Rangpur	297	297	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	8651.10	MW		Cumilla	1042	1042	0					
09.	Generation shortfall at evening peak due to :	:								Total	11077	11077	0	
a)	Gas limitation	:	873	MW		13.	Fuel cost : (a) Gas = 152324629 Taka (c) Coal = 33991934 Taka							
d)	Coal supply Limitation	:	0	MW			(b) Oil = 439005473 Taka Total = 186316563 Taka							
b)	Low water level in Kaptai lake	:	0	MW										
c)	Plants under shut down/ maintenance	:	595	MW		14.	Maximum Temperature in Dhaka was : 32° C							
10.	Total Energy (Generation + India Import)	:	242.93	MKWh		15.	Export through East-West interconnections :							
	By Gas = 154.3574	MKWh					At evening peak-hour : -360 MW, at 21:00:00 hrs PM							
	By Coal = 7.399	MKWh					Maximum : -360 MW, at 21:00 hrs							
	By Solar= 0.171	MKWh					Energy : 1.96 MKWh							
11.	Total Gas Supplied	:	1362.53	MMCFD										
(D) Forecast of 01.08.19 (Today) Thursday :														
01.	Maximum Demand	:	12100	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14850	MW	(Generation end)	05.	Total Generation : 247.81 MKWh							
03.	Maximum Shortage	:	-2750	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 33.5° C							

* Captive Power ** Imposted Power
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(MONIRUZZAMAN)
Deputy Secretary, Generation