



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month July, 2019		Day : Tuesday				Date : 16.07.19						
Probable Maximum Demand :		11500 MW		Probable Maximum Generation : 14248 MW				Rule Curve = 86.40 ft.				
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 103.34 ft		Today = 105.35 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.07.19 (Yesterday)		16.07.19 (Today)		15.07.19 (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)		
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	70	70	0	0			
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	219	229	229	229			On Test
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	100	150	150			On Test
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	190	190	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	20	12	23	25			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	25	40	40	50			
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage
6	Harijpur GTTP	Gas (PDB)	2 x 32	64	40	0	0	0	0	40		Gas Shortage
7	Harijpur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	330	300	300	300			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	370	350	380			
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage
10	Harijpur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	368	339	370	370			
11	Siddhirgonj 2*120 MW GTTP	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	0	0	0	0	217		Gas Shortage
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	16	100	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	286	278	300	335			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	7	90	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	42	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	10	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	16	101	100	102			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	22	22			
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+1x4.73	80	80	25	57	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	25	42	50	50			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	103	104	100	100			
26	Kodda 150MW PP	HFO (BDOB-RPCL)	9x17.06	149	149	0	95	145	145			
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	6	48	48	48			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	45	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	149	100	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300			
32	Bramhangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
33	Aurahat 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	0	100			
34	Nababaganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	0	55	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	18	55	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	43	43	40	43			
Dhaka Zone Total				5929	5693	2285	3128	3309	4040	687	0	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	212	212	215	220			
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	100	100	100	80		Gas Shortage
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	100	100	100	100	80		Gas Shortage
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	4.93	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	9.4	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	45	28	40	45			
43	Sikalbaha 105 MW PP (Baraka Silu)	HFO (IPP)	6x18.415	105	105	0	17	50	100			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	130	100	130	130			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	206	204	215	205			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	145	173	230	250			
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	10	10	100	100			
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	55	100	90	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	0	85			
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	77			
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	35	10	25			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	51	80	100			
Chattogram Zone Total				2062	2002	1035.33	1245	1431.4	1684	160	0	
53	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	0	0	100	110	135		Gas Shortage
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	0	0	0	0	129		Gas Shortage
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage
54	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	33	33	35	35			
55	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*175	221	221	192	183	220	220			
56	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	270	270	320	360			
57	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	250	270	320	370			
58	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	52	55	55	55			
59	Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0			
60	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*116	195	195	45	45	110	110			
61	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	10	43			
62	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	2	70	150	150			
63	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
64	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	141	142	142	142			
65	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	18	160	200	200			
66	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	20	22	22			
67	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	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	25	52	52	52			
70	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	10	14	20	20			
71	Daudkandi 200 MW PP (B,Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
**	Impcpt (Tripura)	India		160	160	98	138	132	173			
Cumilla Zone Total				2866	2806	995	1389	1982	2356	398	0	
72	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	151	150	151	151			
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	0	95	95	95			
75	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	50	107	90	107			
76	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	30	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	223.8	404	459.6	575	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	15.07.19 (Yesterday)		16.07.19 (Today)		15.07.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :	Machines shut down (MW)	Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening	Gas/Water/Coal limitation MW			
78	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	55	55	55				
79	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	61	63	70	70				
80	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	50	53	50	50				
81	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	44	47	44	44				
82	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	130	100	130				
83	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	3	11	11	11				
84	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	64	64	63	63				
85	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	151	151	150	150				
86	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	74	75	80	86				
87	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	43	46	44	46				
88	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	84	109	125	125				
89	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	15	18	18				
90	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	45	46	45	47				
91	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	9	10	10				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	25				
93	Bibiana-III 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	260	315	320				
94	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285	285	285	260	249	250	250				
Sylhet Zone Total				1879	1834	1343	1407	1454	1500	0	0		
95	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	32	0	32				
96	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maintenance	25.7.19
97	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	27	10	40				
98	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	75	10	80				
99	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	150				
100	Khulna 115 PP MW (KPL-2)	HFO (QRPP)	7x17	115	115	0	115	99	115				
101	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	0	100				
102	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	32	33	40	40				
103	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	70	105	105	105				
104	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	69	86	90	90				
**	Bheramara (HVDC)	India		1000	1000	919	918	935	935				
Khulna Zone Total				2328	2314	1090	1491	1289	1687	0	410		
105	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	32				
106	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	110	40	110				
107	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	18	30	25	38				
108	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	60	60	60	60				
109	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	90	97	95	95				
Barishal Zone Total				472	462	184	297	220	335	0	0		
110	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	60	60	60	60				
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under transformer Maint.	20.7.19
111	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	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	18	22	33				
114	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	12	12	30	40				
115	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	24	95	50	95				
116	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	45	0	45				
117	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	8	43	16	43				
118	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	36	0	41				
119	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	173	183	215	215				
120	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	165	187	200	210				
121	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	192	191	205	215				
122	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	0	0	287	282				
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	15	15	16	16				
125	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	3	11	11	11				
126	Natore 52 MW PP (Rajjanka)	HFO (IPP)	6x8.92	52	52	0	52	45	52				
127	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	0	56	108	108				
Rajshahi Zone Total				2080	2070	674	1076	1487	1738	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	20.7.19
129	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	199	200	200	200		74	Coal Shortage	
130	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	16				
	Rangpur 113 MW PP (Confidence)	HFO (IPP)				48	0	100	100				On Test
131	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	17				
Rangpur Zone Total				564	484	247	200	300	333	74	85		
Sub-total: Plants in operation				18825	18302	8077	10637	11932	14248	1319	595		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7713	10137	11394	13605				
(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(Energy)	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				
Gross Total				18961	18438	8077	10637	11932	14248	1319	595		
(C) Actual data of 15.07.19 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	10637.00	MW,	at = 21:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	10137.00	MW,	at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10637.00	MW,	at = 21:00 hrs	Dhaka	3694	3694	0	Mymensingh	712	712	0
04.	Minimum Generation (Generation end)	:	6919.80	MW,	at = 7:00 hrs	Chattogram	1102	1102	0	Sylhet	377	377	0
05.	Day-peak Generation (Generation end)	:	8077.13	MW,	at = 12:00 hrs	Khulna	1364	1364	0	Barishal	312	312	0
06.	Evening-peak Generation (Generation end)	:	10637.00	MW,	at = 21:00 hrs	Rajshahi	1364	1364	0	Rangpur	312	312	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at = 21:00 hrs	Cumilla	900	900	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	7615.30	MW									
09.	Generation shortfall at evening peak due to :	:											
	a) Gas limitation	:	1245	MW									
	d) Coal supply Limitation	:	74	MW									
	b) Low water level in Kaptai lake	:	0	MW									
	c) Plants under shut down/ maintenance	:	595	MW									
10.	Total Energy (Generation + India Import)	:	207.68	MKWh									
	By Gas = 132.990			MKWh									
	By Coal = 4.865			MKWh									
	By Solar= 0.139			MKWh									
	By Oil = 40.028			MKWh									
	By Hydro = 4.838			MKWh									
11.	Total Gas Supplied	:	1244.81	MMCFD									
13.	Fuel cost :	:											
	(a) Gas = 134641570			Taka									
	(b) Oil = 321617467			Taka									
	Total = 154539011			Taka									
14.	Maximum Temperature in Dhaka was :	:	30.2° C										
15.	Export through East-West interconnections :	:											
	At evening peak-hour	:	-560	MW,	at 21:00 hrs								
	Maximum	:	-560	MW,	at 21:00 hrs								
	Energy	:	1.8405	MKWh									
(D) Forecast of 16.07.19 (Today) Tuesday :													
01.	Maximum Demand	:	11500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14248	MW	(Generation end)	05.	Total Generation	:	224.53	MKWh			
03.	Maximum Shortage	:	-2748	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.5° C				

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)

Deputy Secretary, Generation