



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month July, 2019		Day : Tuesday				Date : 23.07.19						
Probable Maximum Demand :		12400 MW		Probable Maximum Generation : 14762 MW				Rule Curve = 87.52 ft.				
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 106.91 ft		Today = 106.67 ft								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.07.19 (Yesterday)		23.07.19 (Today)		22.07.19 (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	35	35	35	35			
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	199	199	200	200			On Test
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	150	150	150	150			On Test
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	180	190	170	170			
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	12	12	100	100			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	78	78			
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	152	348	340	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	430	450	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	340	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	1	1	0	0	216		Gas Shortage
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	50	63	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	240	278	260	280			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	55	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	30	48	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	15	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	91	50	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	101	101	100	102			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22			
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+1x4.73	80	80	56	47	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)	8x8.90	52	52	41	41	42	42			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	103	103	100	100			
26	Kodda 150MW PP	HFO (BDOB-RPCL)	9x17.06	149	149	60	140	140	140			
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	13	44	48	50			
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	38	195	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	101	149	100	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	53	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	Nababganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	55	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	2899	3402	3719	4412	686	0	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	168	169	170	170			
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	95	95	95	85		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	2.9	0	4.4	0			
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	12	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	46	46	46	46			
43	Sikalbaha 105 MW PP (Baraka Siku)	HFO (IPP)	6x18.415	105	105	17	17	50	100			
44	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	130	131	130	130			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	203	205	215	215			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	193	195	230	260			
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	10	50	100	100			
48	Juldah 100 MW Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	70	100	100	100			
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	80	0	68			
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	70			
51	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22			
*	Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			3	30	5	20			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	12	51	100	100			
Chattogram Zone Total				2062	2002	1117.9	1335	1432.4	1641	145	0	
53	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	135	135	135	135			
	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	30	33	30	30			
55	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*175	221	221	215	194	220	220			
56	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	310	310	340	360			
57	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	315	315	360	360			
58	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	22	51	50	50			
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	182	195	195	195			
61	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51			
62	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	33	149	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	142	141	140	141			
65	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	145	199	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	11	5	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	43	52	52	52			
70	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	20	20	20			
71	Daudkandi 200 MW PP (B,Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
**	Impcppt (Tripura)	India		160	160	158	186	124	187			
Cumilla Zone Total				2866	2806	1840	2089	2133	2459	263	0	
72	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	143	143	150	150			
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	63	83	95	95			
75	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	96	106	96	96			
76	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	150	100	200			
77	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	1.6	0			
Mymensingh Zone Total				645	637	325.5	504	464.6	563	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.07.19 (Yesterday)		23.07.19 (Today)		22.07.19 (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 CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	54	54	55	55				
79	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	64	64	64	64				
80	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	45	50	50	50				
81	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	50	44	44				
82	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
83	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
84	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	63	66	66				
85	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	260	261	260	260				
86	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	10	76	80	86				
87	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	5	44	43	44				
88	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	95	113	125	125				
89	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	16	18	18				
90	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	47	46	44	44				
91	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	9	10	10				
92	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
93	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	285	315	320				
94	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285	285	285	251	250	300	300				
Sylhet Zone Total				1879	1834	1425	1579	1672	1684	0	0		
95	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	16	0	32				
96	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410	Under Maintenance	31.7.19	
97	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	34	0	30				
98	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	60	0	70				
99	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	40	40	150	150				
100	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	66	99	115	115				
101	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	99	0	100				
102	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	8	40	40	40				
103	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	53	89	88	90				
104	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	68	86	84	86				
**	Bheramara (HVDC)	India		1000	1000	914	921	945	945				
Khulna Zone Total				2328	2314	1149	1484	1422	1658	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	32	80	70	110				
107	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	21	37	30	33				
108	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	161	173	165	195				
109	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	92	97	95	95				
Barishal Zone Total				472	462	306	387	360	463	0	0		
110	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	55	55	60	60				
	b) Baghabari 100 MW GTPP	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	25	0	30				
114	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	12	40	30	40				
115	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	24	86	50	85				
116	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	45	36	45				
117	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	42	34	40	42				
118	Santalar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	35	0	38				
119	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	189	188	215	215				
120	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	193	193	200	210				
121	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	197	198	205	215				
122	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	110	0	0	0				
123	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	22	22	22				
124	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	15	15	15				
125	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
126	Natore 52 MW PP (Rajjanka)	HFO (IPP)	6x8.92	52	52	8	52	52	52				
127	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	110	113	110	110				
Rajshahi Zone Total				2080	2070	982	1162	1296	1440	0	100		
128	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	102	101	77	77				
	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	209	250	250				
130	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
	Rangpur 113 MW PP (Confidence)	HFO (IPP)				0	0	0	100		On Test		
131	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	18	0	15				
Rangpur Zone Total				564	484	351	328	327	442	0	85		
Sub-total: Plants in operation				18825	18302	10395	12270	12826	14762	1094	595		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9922	11624	12242	14089				
(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	10395	12270	12826	14762	1094	595		
(C) Actual data of 22.07.19 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	12270.00 MW, at = 21:00 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	11624.00 MW, at = 21:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
03.	Highest Generation (Generation end)	:	12270.00 MW, at = 21:00 hrs	Dhaka	4351	4351	0	Mymensingh	875	875	0		
04.	Minimum Generation (Generation end)	:	9189.40 MW, at = 8:00 hrs	Chattogram	1173	1173	0	Sylhet	477	477	0		
05.	Day-peak Generation (Generation end)	:	10395.40 MW, at = 12:00 hrs	Khulna	1460	1460	0	Barishal	342	342	0		
06.	Evening-peak Generation (Generation end)	:	12270.00 MW, at = 21:00 hrs	Rajshahi	1460	1460	0	Rangpur	342	342	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 21:00 hrs	Cumilla	1144	1144	0						
08.	Actual Minimum Generation up to 8:00 hrs.	:	9057.80 MW					Total	11624	11624	0		
09.	Generation shortfall at evening peak due to :	:		13.	Fuel cost :	(a) Gas = 151513122 Taka	(c) Coal = 35606885 Taka						
	a) Gas limitation	:	1094 MW			(b) Oil = 678762678 Taka	Total = 187120007 Taka						
	d) Coal supply Limitation	:	0 MW										
	b) Low water level in Kaptai lake	:	0 MW										
	c) Plants under shut down/ maintenance	:	595 MW	14.	Maximum Temperature in Dhaka was :	35° C							
10.	Total Energy (Generation + India Import)	:	262.50 MKWh	15.	Export through East-West interconnections :								
	By Gas = 151.570 MKWh		By Oil = 73.382 MKWh		At evening peak-hour	: -630 MW, at 21:00 hrs							
	By Coal = 7.497 MKWh		By Hydro = 3.991 MKWh		Maximum	: -640 MW, at 20:00 hrs							
	By Solar= 0.135 MKWh				Energy	: 5.73 MKWh							
11.	Total Gas Supplied	:	1379.67 MMCFD										
(D) Forecast of 23.07.19 (Today) Tuesday :													
01.	Maximum Demand	:	12400 MW (Generation end)	04.	Maximum Load-shed	:	0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14762 MW (Generation end)	05.	Total Generation	:	265.28 MKWh						
03.	Maximum Shortage	:	-2362 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.2° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)

Deputy Secretary, Generation