



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel. : 9564667, 9551095

Month July, 2019			Day : Saturday				Date : 13.07.19					
Probable Maximum Demand : 11000 MW			Probable Maximum Generation : 14026 MW									
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 91.40 ft		Today = 95.40 ft		Rule Curve = 85.92 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.07.19 (Yesterday)		13.07.19 (Today)		12.07.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :			
								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	70	70	70	70			
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		On Test	
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	180	182	182		On Test	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	170	190	170	170			
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	200	0	0	0			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	79	104	90	80			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	76	50	50			
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	300	333	300	300			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	350	450	320	320			
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	342	311	412	412			
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	0	0	0	0	217	Gas Shortage	
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	40	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	3	292	282	335			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	25	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	42	42			
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	5	50	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+7x3.73	80	80	42	49	57	57			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	30	33	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	24	29	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	8	50	50			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	103	103	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	48	145	145			
27	Kaipoti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	17	47	48	48			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	53	17	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	95	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	50	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300			
32	Bramhanganj 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	Nabaganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	17	17	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	17	17	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	34	35	40	40			
Dhaka Zone Total				5929	5693	1856	2716	3459	4104	687	0	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	126	135	119	119	95	Water Level Low	
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	95	100	100	85	Gas Shortage	
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	100	0	0	80	Gas Shortage	
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	3.3	0	4.4	0			
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25			
41	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	10	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	41	46	40	45			
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	50	100			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	120	132	144	144			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	205	215	200	200			
46	Sikalbaha 51 MW PP(Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	0	0	32	32			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	189	209	230	250			
48	Judah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	10	10	100	100			
49	Judah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	70	90	100			
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	0	85			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	77			
52	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	18	18			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			30	42	10	25			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	35	80	100			
Chattogram Zone Total				2113	2053	950.3	1118	1262.4	1520	260	0	
54	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	90	100	125	100	35	Gas Shortage	
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	100	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	
55	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	30	33	35	35			
56	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	183	201	221	220			
57	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	300	335	255	360			
58	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0			
59	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	20	20	55	55			
60	Ashuganj 53MW PP (United)	Gas (QRPP)	14x4.00	53	53	0	0	0	0			
61	Ashuganj 150MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	68	68	110	110			
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	35	43	43	43			
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	135	142	150	150			
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	142	142	142	142			
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	98	160	200	200			
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	19	0	22			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	0	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	2	52	52	52			
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	11	15	20	20			
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
**	Impoort (Tripura)	India		160	160	104	132	144	179			
Cumilla Zone Total				2866	2806	1377	1506	1585	1982	298	0	
73	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	144	150	151	151			
74	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
75	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	6	89	95	95			
76	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	85	106	84	95			
77	Myensinging 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	7	100	200			
78	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	1.6	0			
Myensinging Zone Total				645	637	259.4	374	453.6	563	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.07.19 (Yesterday)		13.07.19 (Today)		12.07.19 (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)		
79	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	54	54	54	54				
80	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	70	70	70	70				
81	Fenchugonj 51 MW PP (Barakatuli)	Gas (RPP)	19x2.90	51	51	50	53	50	50				
82	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	50	44	44				
83	Kushira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
84	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
85	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	63	63	63				
86	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	0	200	220				
87	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	30	76	80	86				
88	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	44	44	44	46				
89	Sylhet 150 MW CCPP	Gas (PDB)	1x142	142	142	70	124	125	125				
90	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	16	16	18	18				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	41	45	45	47				
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	9	10	10				
93	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	16	25				
94	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	300	315	320				
95	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285	285	285	250	301	250	250				
Sylhet Zone Total				1879	1834	1169	1340	1558	1602	0	0		
96	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	32				
97	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maintenance	25.7.19
98	Fandiga 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	42	10	40				
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	73	10	65				
100	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
101	Khulna 115 MW PP (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	99	115				
102	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	0	100				
103	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
104	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	53	105	105	105				
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	87	89	90	90				
**	Bheramara (HVDC)	India		1000	1000	897	689	910	910				
Khulna Zone Total				2328	2314	1037	1153	1264	1722	0	410		
106	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	32				
107	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	112	40	110				
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	20	32	25	38				
109	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	85	85	173	194				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	97	96	95	95				
Barisal Zone Total				472	462	202	325	333	469	0	0		
111	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	55	60	60	60				
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under transformer Maint.	15.7.19
112	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50				
113	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
114	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	33				
115	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	6	6	30	40				
116	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	94	50	95				
117	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	40				
118	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	24	16	43				
119	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	35	0	41				
120	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	18	207	216	214				
121	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	193	196	200	210				
122	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	196	209	205	215				
123	Sirajgonj 200 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	90	44	287	282				
124	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
125	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	15	15	16	16				
126	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	8	8	11				
127	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	52	45	52				
128	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	90	109	108	108				
Rajshahi Zone Total				2080	2070	690	1131	1463	1732	0	100		
129	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	14.7.19
130	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	199	199	199	199	75		Coal Shortage	
131	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	16				
	Rangpur 113 MW PP (Confidence)	HFO (IPP)				16	0	100	100			On Test	
132	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	18	0	17				
Rangpur Zone Total				564	484	215	217	299	332	75	85		
Sub-total: Plants in operation				18876	18353	7756	9880	11677	14026	1320	595		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7438	9304	11198	13451				
(B) Plant Under long term maintenance													
133	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				18961	18438	7756	9880	11677	14026	1320	595		
(C) Actual data of 12.07.19 (Yesterday) Friday :													
01.	Max. Demand (Generation end)	:	9880.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9304.00	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	9880.00	MW, at = 21:00 hrs		MW	MW	MW		MW	MW	MW	
04.	Minimum Generation (Generation end)	:	7060.90	MW, at = 9:00 hrs	Dhaka	3320	3320	0	Mymensingh	704	704	0	
05.	Day-peak Generation (Generation end)	:	7755.70	MW, at = 12:00 hrs	Chattogram	923	923	0	Sylhet	366	366	0	
06.	Evening-peak Generation (Generation end)	:	9880.00	MW, at = 21:00 hrs	Khulna	1266	1266	0	Barisal	291	291	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Rajshahi	1266	1266	0	Rangpur	291	291	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	7506.70	MW	Cumilla	877	877	0					
09.	Generation shortfall at evening peak due to :	:							Total	9304	9304	0	
	a) Gas limitation	:	1150	MW	13.	Fuel cost :							
	d) Coal supply Limitation	:	75	MW		(a) Gas =	131289882	Taka	(c) Coal =	22472290	Taka		
	b) Low water level in Kaptai lake	:	95	MW		(b) Oil =	300066044	Taka	Total =	153762172	Taka		
	c) Plants under shut down/ maintenance	:	595	MW									
10.	Total Energy (Generation + India Import)	:	197.48	MKWh	14.	Maximum Temperature in Dhaka was : 31.7° C							
	By Gas = 131.294	MKWh	By Oil = 36.006	MKWh	15.	Export through East-West interconnections :							
	By Coal = 5.271	MKWh	By Hydro = 3.086	MKWh		At evening peak-hour : -690 MW, at 21:00 hrs							
	By Solar = 0.107	MKWh				Maximum : -690 MW, at 21:00 hrs							
11.	Total Gas Supplied	:	1206.49	MMCFD		Energy : 5.38 MKWh							
(D) Forecast of 13.07.19 (Today) Saturday :													
01.	Maximum Demand	:	11000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14026	MW (Generation end)	05.	Total Generation : 219.87 MKWh							
03.	Maximum Shortage	:	-3026	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 31.7° C							

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

(MONIRUZZAMAN)
Deputy Secretary, Generation