



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month July, 2019		Day : Wednesday				Date : 03.07.19						
Probable Maximum Demand :		12400 MW				Probable Maximum Generation : 14211 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 78.15 ft				Today = 78.18 ft						
		Rule Curve = 84.32 ft										
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.07.19 (Yesterday)		03.07.19 (Today)		02.07.19 (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	124	104	124	104			On Test
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0			On Test
	d) Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1 x 210	210	190	190	190	190	190			
2	Ghorasal CCPP-Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	340	300	340			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	70	72	90	108			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	66	50	66	70			
5	Tongi 80 MW GT PP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage
6	Haripur GT PP	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	278	339	290	340			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	340	400	350	400			
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	320	339	330	339			
11	Siddhirganj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0			
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217	217	217	34	0	12	34			
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	1	70	100	100			
14	Meghnaghat CCPP(Summit)	Gas (IPP)	2x110+1x110	305	305	302	251	281	305			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	0	48	40	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	70	70	100			
19	Gaganraj 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	32	102	90	102			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+7x4.73	80	80	52	54	53	54			
22	Maona 33 MW (Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
23	Rupganj 33 MW (Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	45	50	44	50			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	105	87	87	105			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	16	113	140	140			
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	46	47	48	48			
28	Banco Energy 54MW	HFO (IPP)	3x18.69	54	54	17	53	45	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	14	110	200	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	65	105	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	0	300			
32	Bramhangonj 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	Nabaganj 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	35	55	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	68	72	70	100			
Dhaka Zone Total				5929	5693	2728	3489	3592	4555	260	0	
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	38	37	37	37	193		Water Level Low
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	0	0	0	0	180		Gas Shortage
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	2	0	4.4	0			On Test
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	25	25	25			
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	2.24	0	5	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	36	45	40	45			
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	17	35	50	100			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	145	130	130	130			
45	Sikalbaha 225MW	Gas (PDB)	1 x 150+1 x 75	225	225	226	204	205	204			
46	Sikalbaha 51 MW PP(Engine)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	8	25	25	25			
47	Anwara 300 MW PP (Uniled)	HFO (IPP)	17x17.076+3x8.04	300	300	106	247	230	250			
48	Judah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	10	10	80	100			
49	Judah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	90	100	90	100			
50	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	0	68			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	84	0	84			
52	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	16	16	16	16			
	* Malancha, Ctg EPZ (Uniled)	Gas	5x8.73+3x3.34			2	29	10	25			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	12	96	80	100			
Chattogram Zone Total				2113	2053	818.24	1251	1127.4	1409	453	0	
54	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	80	128	125	125	7		Gas Shortage
	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
55	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	0	0	0	0			
56	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	206	182	200	220			
57	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	330	330	300	330			
58	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	260	330	300	330			
59	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	54	55	55	55			
60	Ashuganj 53MW PP (Uniled)	Gas (QRPP)	14x4.00	53	53	0	0	0	0			
61	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	78	78	78	78			
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	35	35	35	35			
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	2	147	135	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	98	95	100	100			
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	17	200	177	200			
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	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	8	52	52	52			
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	0	20	20	20			
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
**	Impoort (Tripura)	India		160	160	110	120	120	120			
Cumilla Zone Total				2866	2806	1341	1838	1763	2131	270	0	
73	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	102	149	152	150			
74	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
75	Jamalpur 95 MW PP	HFO (IPP)	12x8.924	95	95	0	94	84	95			
76	Jamalpur 115 MW PP (Uniled)	HFO (IPP)	12x9.67	115	115	0	93	84	95			
77	Uniled Mymensingh 200 MW PP (U)	HFO (IPP)	21x9.780	200	200	200	150	60	200			
78	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0	0	1.6	0			
Mymensingh Zone Total				645	637	324	508	403.6	562	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.07.19 (Yesterday)		03.07.19 (Today)		02.07.19 (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 CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	53	54	54	54				
80	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	57	50	57	57				
81	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	45	50	50	50				
82	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	49	44	44				
83	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	130	163	163				
84	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
85	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	63	63	63				
86	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	156	154	154	154				
87	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	50	80	80	86				
88	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	42	45	44	46				
89	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	116	104	115	115				
90	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	15	15	15	15				
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	42	46	45	47				
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	7	10	10	10				
93	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	23	24	23				
94	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	325	315	315	320				
95	Bibiana-III 400 MW CAPP	Gas (PDB)	1x285	285	285	200	279	240	240			On Test	
Sylhet Zone Total				1879	1834	1412	1478	1484	1498	0	0		
96	Bheramara GT-1,2,3	HSD (PDB)	3 x 20	60	46	0	32	0	32				
97	Bheramara 360 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0		410	Under Maintenance	25.7.19
98	Fandpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	36	0	40				
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	5	65	0	65				
100	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
101	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	16	99	99	115				
102	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	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	35	105	105	105				
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	57	87	52	90				
**	Bheramara (HVDC)	India		1000	1000	920	922	920	928				
Khulna Zone Total				2328	2314	1033	1486	1216	1515	0	410		
106	Barisal GT PP Unit-1&2	HSD (PDB)	2 x 20	40	30	0	12	0	32				
107	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	40	110				
108	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	16	37	25	38				
109	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	173	173	172	173				
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	0	96	93				
Barisal Zone Total				472	462	189	332	333	446	0	0		
111	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.	10.7.19
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	33	0	33				
115	Arnura 50 MW PP	HFO (QRPP)	7x7.79	50	50	12	40	30	40				
116	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	24	95	50	95				
117	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	39	0	40				
118	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	0	43				
119	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	41	0	41				
120	Sirajgonj Unit-1 225MW	Gas (NWPGL)	1x150+1x75	210	210	169	196	188	196				
121	Sirajgonj Unit-2 225MW	Gas (NWPGL)	1x150 + 1x75	220	220	166	198	191	198				
122	Sirajgonj Unit-3 225MW	Gas (NWPGL)	1x141+1x79	220	220	193	209	200	210				
123	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	350	229	360	350				
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	10	12	14	15				
126	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	5	5	8	11				
127	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	8	43	41	51				
128	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	35	108	108	108				
Rajshahi Zone Total				2080	2070	1049	1423	1472	1763	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	10.7.19
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 GTTP	HSD (PDB)	1 x 20	20	20	0	16	0	16				
	Rangpur 113 MW PP (Confidence)	HFO (IPP)				0	93	100	100			On Test	
132	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	18	0	17				
Rangpur Zone Total				564	484	199	326	299	332	75	85		
Sub-total: Plants in operation				18876	18353	9093	12131	11690	14211	1058	595		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						8631	11262	11095	13488				
(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	9093	12131	11690	14211	1058	595		
(C) Actual data of 02.07.19 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	12131.00	MW	at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	11262.00	MW	at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12131.00	MW	at = 21:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	8146.20	MW	at = 8:00 hrs	Dhaka	4127	4127	0	Mymensingh	900	900	0
05.	Day-peak Generation (Generation end)	:	9093.24	MW	at = 12:00 hrs	Chattogram	1225	1225	0	Sylhet	508	508	0
06.	Evening-peak Generation (Generation end)	:	12131.00	MW	at = 21:00 hrs	Khulna	1404	1404	0	Barisal	326	326	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW	at = 21:00 hrs	Rajshahi	1404	1404	0	Rangpur	326	326	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8380.90	MW		Cumilla	1042	1042	0				
09.	Generation shortfall at evening peak due to :	:								Total	11262	11262	0
	a) Gas limitation	:	790	MW		13.	Fuel cost :	(a) Gas = 105871253 Taka	(c) Coal = 18732194 Taka				
	d) Coal supply Limitation	:	75	MW			(b) Oil = 395672672 Taka	Total = 124603447 Taka					
	b) Low water level in Kaptai lake	:	193	MW									
	c) Plants under shut down/ maintenance	:	595	MW		14.	Maximum Temperature in Dhaka was :	32.0° C					
10.	Total Energy (Generation + India Import)	:	242.00	MWWh		15.	Export through East-West interconnections :						
	By Gas = 151.174 MKWh			By Oil = 60.300 MKWh			At evening peak-hour	: -430	MW	at	21:00	hrs	
	By Coal = 4.853 MKWh			By Hydro = 0.860 MKWh			Maximum	: -500	MW	at	20:00	hrs	
	By Solar = 0.057 MKWh						Energy	: 2.4635	MWWh				
11.	Total Gas Supplied	:	1315.75	MWCFD									
(D) Forecast of 03.07.19 (Today) Wednesday :													
01.	Maximum Demand	:	12400	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14211	MW	(Generation end)	05.	Total Generation	:	247.36	MWWh			
03.	Maximum Shortage	:	-1811	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.4° C				

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

(MONIRUZZAMAN)
Deputy Secretary, Generation