



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month July, 2019		Day : Friday				Date : 05.07.19					
Probable Maximum Demand :		11800 MW				Probable Maximum Generation : 14230 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 78.18 ft				Today = 78.11 ft				Rule Curve = 84.64 ft	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.07.19 (Yesterday)		05.07.19 (Today)		04.07.19 (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)	
(A) Plants in operation:											
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	124	124	124		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	350	300	350	350		
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	12	13	12	12		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0		
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	353	263	350	350		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	350	350	450	450		
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	330	355	412	412		
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	0	0	0	0		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	100	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	270	273	285	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	60	100	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	100	70	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	85	101	90	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+7x4.73	80	80	56	56	56	56		
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	50	42	44	50		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	87	102	87	105		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	46	125	140	140		
27	Katpottli 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	47	48	48	48		
28	Banco Energy 54MW	HFO (IPP)	3x18.69	54	54	53	53	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	45	300	200	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	133	149	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	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	55	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	8	70	70	70		
Dhaka Zone Total				5929	5693	2869	3397	3804	4490	260	0
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	40	40	40	40	190	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	0	0	4.4	0		
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	17	25	25	25		
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	6	0	5	0		
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	46	46	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	130	130	130	130		
45	Sikalbaha 225MW	Gas (PDB)	1 x 150+1 x 75	225	225	204	204	205	204		
46	Sikalbaha 51 MW PP(Engine)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	32	32	32	32		
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	215	215	230	250		
48	Juddah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	10	50	80	100		
49	Juddah 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	63	0	68		
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	80	0	84		
52	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	19	18	18		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x3.34			2	31	33	35		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	96	100	80	100		
Chattogram Zone Total				2113	2053	1023	1270	1162.4	1431	450	0
54	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	125	125	125	125	10	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	184	185	200	220		
57	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	305	230	330	330		
58	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	310	310	330	330		
59	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	51	56	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	73	45	78	78		
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	35	38	35	35		
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	38	144	135	150		
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	0	50		
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	95	100	100	100		
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	195	192	190	200		
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	22	22		
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11		
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33		
70	Jangalia 52 MW PP (Lakdnavi)	HFO (IPP)	6x8.92	52	52	52	52	52	52		
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	21	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	92	120	153	190		
Cumilla Zone Total				2866	2806	1614	1704	1869	2201	273	0
73	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	148	148	152	150		
74	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	22	22	22		
75	Jamalpur 95 MW PP	HFO (IPP)	12x8.924	95	95	85	93	84	95		
76	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.67	115	115	87	97	84	95		
77	United Mymensingh 200 MW PP (U)	HFO (IPP)	21x9.780	200	200	100	180	60	200		
78	Saishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.1	0	1.6	0		
Mymensingh Zone Total				645	637	441.1	540	403.6	562	0	0

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.07.19 (Yesterday)		05.07.19 (Today)		04.07.19 (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	52	53	54	54					
80	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	57	57	57	57					
81	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	44	50	50	50					
82	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	49	44	44					
83	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	100	163	163					
84	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11					
85	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	29	61	63	63					
86	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	152	310	330	330					
87	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	75	76	80	86					
88	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	44	46	44	46					
89	Sylhet 150 MW CAPP	Gas (PDB)	1x142	142	142	109	115	115	115					
90	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	16	16	15	15					
91	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	43	46	45	47					
92	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10					
93	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	24	24	23					
94	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	300	315	320					
95	Bibiana-III 400 MW CAPP	Gas (PDB)	1x285	285	285	129	249	250	250					
Sylhet Zone Total				1879	1834	1300	1573	1670	1684	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	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	43	10	40					
99	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	70	10	65					
100	Khulna 225 MW CAPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225					
101	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	66	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	35	33	40	40					
104	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	90	105	105	105					
105	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	87	87	52	90					
**	Bheramara (HVDC)	India		1000	1000	912	912	942	942					
Khulna Zone Total				2328	2314	1190	1481	1258	1754	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	20	38	25	38					
109	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	83	82	90	90					
110	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	82	95	96	93					
Barisal Zone Total				472	462	185	337	251	363	0	0			
111	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	60	55	60	60					
112	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under transformer Maint.	10.7.19	
113	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50					
114	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200					
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	31	0	33					
116	Amnura 50 MW PP	HFO (QRPP)	7x7.79	50	50	12	40	30	40					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	24	86	50	95					
118	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	47	0	40					
119	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	16	34	0	43					
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	36	0	41					
121	Sirajgonj Unit-1 225MW	Gas (NWPGL)	1x150+1x75	210	210	185	139	188	196					
122	Sirajgonj Unit-2 225MW	Gas (NWPGL)	1x150 + 1x75	220	220	189	190	191	198					
123	Sirajgonj Unit-3 225MW	Gas (NWPGL)	1x141+1x79	220	220	208	193	200	210					
124	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	340	350	0	0					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22					
126	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	12	14	15					
127	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	0	11	8	11					
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	43	41	51					
129	Bagura 113 MW PP (Confidence)	HFO (IPP)	6x18.55	113	113	108	17	108	108					
Rajshahi Zone Total				2080	2070	1174	1356	1112	1413	0	100			
129	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0					
130	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Maintenance	10.7.19	
131	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	200	199	199	199		75	Coal Shortage		
132	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	16	0	16					
133	Rangpur 113 MW PP (Confidence)	HFO (IPP)				108	109	100	100			On Test		
134	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	18	0	17					
Rangpur Zone Total				564	484	308	342	299	332	75	85			
Sub-total: Plants in operation				18876	18353	10104	12200	11829	14230	1058	595			
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						9610	11351	11251	13335					
(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	10104	12200	11829	14230	1058	595			
(C) Actual data of 04.07.19 (Yesterday) Thursday :														
01.	Max. Demand (Generation end)	:	12200.00	MW	at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	11351.00	MW	at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	12200.00	MW	at = 21:00 hrs		MW	MW	MW		MW	MW	MW	
04.	Minimum Generation (Generation end)	:	8879.80	MW	at = 8:00 hrs	Dhaka	4176	4176	0	Mymensingh	974	974	0	
05.	Day-peak Generation (Generation end)	:	10104.10	MW	at = 11:00 hrs	Chattogram	1190	1190	0	Sylhet	508	508	0	
06.	Evening-peak Generation (Generation end)	:	12200.00	MW	at = 21:00 hrs	Khulna	1437	1437	0	Barisal	288	288	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW	at = 21:00 hrs	Rajshahi	1437	1437	0	Rangpur	288	288	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	8326.30	MW		Cumilla	1053	1053	0					
09.	Generation shortfall at evening peak due to :	:								Total	11351	11351	0	
a)	Gas limitation	:	793	MW		13.	Fuel cost :	(a) Gas = 102876355 Taka	(c) Coal = 18774268 Taka					
d)	Coal supply Limitation	:	75	MW				(b) Oil = 469997023 Taka	Total = 121650623 Taka					
b)	Low water level in Kaptai lake	:	190	MW										
c)	Plants under shut down/ maintenance	:	595	MW										
10.	Total Energy (Generation + India Import)	:	254.04	MWWh		14.	Maximum Temperature in Dhaka was :	34.5° C						
	By Gas = 150.158 MKWh			By Oil = 73.575 MKWh		15.	Export through East-West interconnections :							
	By Coal = 4.864 MKWh			By Hydro = 0.882 MKWh			At evening peak-hour :	-440	MW	at	21:00 hrs			
	By Solar= 0.078 MKWh						Maximum	: -520	MW	at	24:00			
11.	Total Gas Supplied	:	1323.78	MWCFD			Energy	:	2.6605	MWWh				
(D) Forecast of 05.07.19 (Today) Friday :														
01.	Maximum Demand	:	11800	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	14230	MW	(Generation end)	05.	Total Generation	:	245.71	MWWh				
03.	Maximum Shortage	:	-2430	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.7° C					

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation