



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month July, 2020		Day : Tuesday				Date : 07.07.20					
Probable Maximum Demand :		11500 MW		Probable Maximum Generation :		15272 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 83.41 ft		Today = 83.34 ft		Rule Curve = 84.96 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.07.20 (Yesterday)		07.07.20 (Today)		06.07.20 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	06.07.20 (Yesterday) Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Day	Evening			Day
(A) Plants in operation:											
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	35	35	35	35	50	Unit 2 under maint.
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Under maint.
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	STG Commissioning
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190	Under maint.
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	300	300	300		
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	97	94	100	104		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	66	65	66	66	13	Gas Shortage
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20	Gas Shortage
7	Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	310	350	360	360		
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	330	400	450	450		
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under Overhauling
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	324	322	412	412		
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	270	328	320	325		
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	72	73	82	82		
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	135	130	150	150		
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	92	89	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	68	97	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	89	0	100	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	85	93	93	93		
20	Narsinghdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	22	22		
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x3.73	80	80	54	55	55	55		
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	0	0	35	50		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	70	52	100	100		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	98	100	149		
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0		
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	53	54	54		
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	110	288	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	112	130	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300		
32	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100		
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	52	0	80	100		
34	Nababganj 55 MW PP (Southern p	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	0	0	0	0		
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	0	0	0	0		
Dhaka Zone Total				6119	5895	2919	3302	3944	4287	348	705
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	107	107	107	107	123	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	100	100		
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.
40	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5.5	0	5	0		
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25		
42	Teknaf 20MW PP (Solarftech)	Solar (IPP)	1x20	20	20	16.4	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	50	50		
44	Sikalbaha 105 MW PP (Baraka Sik	HFO (IPP)	6x18.415	105	105	0	0	100	100		
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	104	145	150	150		
46	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Under maint.
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	198	305	300	300		
48	Juldah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	0	80	100		
49	Juldah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	100	100	100	100		
50	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	102	100	102		
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		
52	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	17	15	18	18		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	30	10	20		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	80	100		
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	10	54		
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110		
56	Juldah unit-2 (Accom)	HFO (IPP)	8x13.6	100	100	100	100	100	100		
Chattogram Zone Total				2326	2266	739.9	1044	1405	1536	123	405
57	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0	135	Gas Shortage
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	80	80	100	100		
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0	134	Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	20	20	37	37		
59	Ashuganj 225 MW CCGP	Gas (APSCCL)	1x142+1*75	221	221	210	200	215	215		
60	Ashuganj 450 MW CCGP(South)	Gas (APSCCL)	1x360	360	360	255	265	360	360		
61	Ashuganj 450 MW CCGP(North)	Gas (APSCCL)	1x360	360	360	265	270	360	360		
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	10	10		
63	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8		
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43		
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	100	150	150		
66	Tilas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50		
67	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	91	91	90	90		
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	200	200		
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22		
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	11	10	11		
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	32	32		
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	43	52	52		
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	21	21	21		
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x14.40x1.515+15x1.05	200	200	0	0	0	200		
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	50	114	114		
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	17	47	113	113		
**	Impoort (Tijpara)	India		160	160	128	154	154	173		
Cumilla Zone Total				3040	2980	1196	1462	2091	2361	269	0
77	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	122	120	150	150		
78	Tangal 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22		
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	24	95	95	95		
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	109	115	115	115		
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	70	180	170	200		
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.5	0	1.6	0		
Mymensingh Zone Total				645	637	348.5	532	553.6	582	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	06.07.20 (Yesterday)		07.07.20 (Today)		06.07.20 (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)					
83	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	86	91	91	91						
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.			
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	47	47	51	51						
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	41	45	44	44						
87	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163						
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11						
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	61	61	66						
90	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	310	307	330	330						
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	73	76	75	76						
92	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	150	150	100	150						
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18						
94	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0						
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	10	10	10						
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	25						
97	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	280	341	341						
98	Bibiyana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.			
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0						
Sylhet Zone Total				2033	1988	1311	1313	1349	1406	0	460				
99	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16						
100	Bheramara 410 MW CAPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	360	365	410	410						
101	Fardpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	30						
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60						
103	Khulina 225 MW CAPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	225						
104	Khulina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115						
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	78	60	100						
106	Noapara 40 MW PP (Khanjahan Al)	HFO (QRPP)	5x8.5	40	40	0	40	40	40						
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	105	105						
108	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	100	105						
**	Bheramara (HVDC)	India		1000	1000	940	939	945	945						
Khulina Zone Total				2288	2284	1300	1537	1775	2151	0	0				
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	80	110						
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	23	36	33	33						
111	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	69	68	68	68		126	GT-2 Under maint.			
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	50	62	78	78						
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	538	592	600	660						
Barishal Zone Total				1054	1054	680	868	859	949	0	126				
114	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	50	0	65	65	71		Gas Shortage			
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage			
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50						
116	Baghabari 200 MW PP (Paramoun)	HSD (IPP)	135x1.6	200	200	0	0	200	200						
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40						
118	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.9	50	50	0	0	0	0						
119	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	100	100	100						
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	45	43	45						
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50						
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	34	0	35						
123	Sirajgonj 225MW CAPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage			
124	Sirajgonj 225MW CAPP Unit-2	Gas (NWP/GCL)	1x150+1x75	220	220	161	166	200	200						
125	Sirajgonj 225MW CAPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	190	160	210	210						
126	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	373	379	410	410						
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22						
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	9	9	11	11						
129	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11						
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	52	52	52						
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	0	70	113						
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	111	70	113						
Rajshahi Zone Total				2193	2183	813	1139	1514	1727	381	0				
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage			
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage			
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	149	150	150	150						
135	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0						
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	37	113	90	113						
137	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	10	0	10						
138	Majpara-Tatula 8 MW Solar PP (Sympa f)	Solar (IPP)	1 x 8	8	8	4.9	0	8	0						
Rangpur Zone Total				685	605	191	273	248	273	170	0				
Sub-total: Plants in operation				20383	19892	9498.3	11470	13739	15272	1291	1696				
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						9095	10983	13155	14624						
(B) Contract expired power plants															
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0						
Grand Total				20383	19892	9498	11470	13739	15272	1291	1696				
(C) Actual data of 06.07.20 (Yesterday) Monday :															
01.	Max. Demand (Generation end)	:	11470.00	MW,	at =	21:00 hrs P	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	10983.00	MW,	at =	21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	11470.00	MW,	at =	21:00 hrs		MW	MW	MW		MW	MW	MW	
04.	Minimum Generation (Generation end)	:	8405.20	MW,	at =	8:00 hrs	Dhaka	3696	3696	0	Mymensingh	971	971	0	
05.	Day-peak Generation (Generation end)	:	9498.30	MW,	at =	12:00 hrs	Chattoogram	1044	1044	0	Sylhet	466	466	0	
06.	Evening-peak Generation (Generation end)	:	11470.00	MW,	at =	21:00 hrs P	Khulina	1442	1442	0	Barishal	304	304	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	21:00 hrs P	Rajshahi	1225	1225	0	Rangpur	764	764	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	8559.20	MW,	at =	7:00 hrs an	Comilla	1071	1071	0					
09.	Generation shortfall at evening peak due to :	:					Total				10983		10983	0	
a)	Gas limitation	:	998	MW			Fuel cost :		(a) Gas =	165041643	Taka	(c) Coal =	82399528	Taka	
d)	Coal supply Limitation	:	170	MW					(b) Oil =	391479794	Taka	Total =		638920965	Taka
b)	Low water level in Kaptai lake	:	123	MW											
c)	Plants under shut down/ maintenance	:	1696	MW											
10.	Total Energy (Generation + India Import)	:	238.72	MKWh					14. Maximum Temperature in Dhaka was : 32.2° C						
	By Gas = 142.967 MKWh								15. Export through East-West interconnections :						
	By Coal = 17.907 MKWh								At evening peak-hour : -128 MW, at 21:00 hrs PM						
	By Solar= 0.128 MKWh								Maximum : -246 MW, at 20:00 hrs						
11.	Total Gas Supplied	:	1148.09	MMCFD					Energy : 0.1875 MKWh						
(D) Forecast of 07.07.20 (Today) Tuesday :															
01.	Maximum Demand	:	11500	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	:	15272	MW	(Generation end)	05.	Total Generation	:	239.34	MKWh					
03.	Maximum Shortage	:	-3772	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.0° C						

* Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation