



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month July, 2020				Day : Friday				Date : 31.07.20				
Probable Maximum Demand : 11000 MW				Probable Maximum Generation : 14579 MW								
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 89.74 ft Today = 89.70 ft				Rule Curve = 88.83 ft				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.07.20 (Yesterday)		31.07.20 (Today)		30.07.20 (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)		
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	33	33	33	33		52	Unit 2 under maint.
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	150	92	150	150			
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190		Gas Shortage
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	270	250	300			
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	72	79	90	100			
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78		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 CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	265	352	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	340	420	450	450			
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115	Under Overhauling
10	Haripur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0			
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	85	100	100	125		Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	250	322	330	330			
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	0	0			
14	Meghnaghat CCPP(Summit)	Gas (IPP)	2x110+1x110	305	305	140	150	150	150			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	0	0	0			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	80	96	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	89	0	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	90	102	102			
20	Narsingdi 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+7x8.73	80	80	47	53	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	0	52	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	149	149	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	53	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	285	268	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	132	149	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300			
32	Bramhangaoan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	73	0	80	100			
34	Nababganj 55 MW PP (Southern p	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	0	0	0	0			
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	18	17	17	104			
Dhaka Zone Total				6119	5895	2558	2923	3557	3989	518	337	
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	143	145	145	145	85		Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	90	90			
	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	3.6	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	2.2	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	30	50	50			
44	Sikalbaha 105 MW PP (Baraka Sik	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	147	140	140	140			
46	Sikalbaha 225 MW CCPP	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	288	307	300	300			
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
49	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
50	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	102	100	100			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
52	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	19	21	21			
	* Malancha, Ctg,EPZ (United)	Gas	5x8.73+3x9.34			7	40	10	40			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	8	91	90	91			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	54	50	54			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
56	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	90	100	100	100			
Chattogram Zone Total				2326	2266	899.8	1243	1496	1566	85	405	
57	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0	135		Gas Shortage
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	80	80	80	80			
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	20	20	20	20			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	193	170	216	216			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	270	265	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	260	310	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5			
63	Ashuganj 150MW PP (APSCL-United)	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	51	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	36	138	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	42			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	93	97	95	97			
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	19	21	22	22			
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	33	33	33			
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	8	43	43			
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	21	21	21			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+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	17	114	114			
76	Chowmuhani 113 MW Import (Tripura)	India	12*9.78+2*3.1	113	113	108	113	113	113			
**	Impoet (Tripura)			160	160	122	140	157	173			
Cumilla Zone Total				3040	2980	1302	1508	2059	2319	269	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	100	153	150	150			
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	20	22	22			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	80	95	95	95			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	74	115	115			
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	200	200	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.3	0	1.6	0			
Mymensingh Zone Total				645	637	403.3	542	583.6	582	0	0	

Sl. No.	Name of Power Station			Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.07.20 (Yesterday)		31.07.20 (Today)		30.07.20 (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	CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60							
84	Fenchugonj	CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.				
85	Fenchugonj	51 MW PP (Barakatul	Gas (RPP)	19x2.90	51	51	50	53	51	51							
86	Fenchugonj	44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	48	49	44	44							
87	Kushlari	163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	163	163							
88	Hobiganj	11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11							
89	Shahjibazar	GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	57	61	61	66							
90	Shajibazar	330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	215	223	270	270							
91	Shahjibazar	86MW PP (Shahjibaza	Gas (RPP)	32x2.90	86	86	88	88	86	86							
92	Sylhet	225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0							
93	Sylhet	20 MW GTTP	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	10	10	10	10							
96	Shahjahanulla	25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	8	24	25	25							
97	Bibiana-II	341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	315	341	341							
98	Bibiyana-III	400 MW CCPP	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	1005	1052	1170	1175	0	460					
99	Bheramara	GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16							
100	Bheramara	410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	345	410	410	410							
101	Faridpur	50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	24	0	30							
102	Gopalganj	100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60							
103	Khulna	225 MW CCPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	225							
104	Khulna	115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	115	115	115	115							
105	Noapara	100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	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	90	105	105							
108	Madhumati	100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	100	100							
**	Bheramara (HVDC)	India			1000	1000	927	927	946	946							
Khulna Zone Total					2288	2284	1387	1706	1776	2147	0	0					
109	Barisal	110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	110	110							
110	Bhola	33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	27	41	33	33							
111	Bhola	225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	65	65	65	65		129	GT-2 Under maint.				
112	Bhola	95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	77	79	76	79							
113	Payra	1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	488	513	600	600							
Barishal Zone Total					1054	1054	657	808	884	887	0	129					
114	a) Baghabari	71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	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	0	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)	7x7.79	50	50	0	0	0	0							
119	Chapainawabganj	100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	100	100	100							
120	Katakhali	50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44	0	45							
121	Katakhali	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	0	0	35							
123	Sirajgonj	225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage				
124	Sirajgonj	225MW CCPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	188	162	200	200							
125	Sirajgonj	225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	174	160	210	210							
126	Sirajgonj	400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	322	405	410	410							
127	Bogra	22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	21	22	22							
128	Bogura	20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	12	12	10	10							
129	Ullapara	11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11							
130	Natore	52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52							
131	Bagura	113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	90	109	113	113							
132	Bagura	113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	93	93	93							
Rajshahi Zone Total					2193	2183	815	1114	1471	1641	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	150	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	25	113	113	113							
137	Saidpur	20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	10	0	10							
138	Majpara, Tatulia	8 MW Solar PP (Sympa	Solar (IPP)	1 x 8	8	8	1.9	0	8	0							
Rangpur Zone Total					685	605	177	273	271	273	170	0					
Sub-total: Plants in operation					20383	19892	9204.0	11169	13268	14579	1423	1331					
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							8826	10719	12722	13980							
(B) Contract expired power plants																	
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0							
Gross Total					20383	19892	9204	11169	13268	14579	1423	1331					
(C) Actual data of 30.07.20 (Yesterday) Thursday :																	
01.	Max. Demand (Generation end)			:	11169.00	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)			:	10710.00	MW, at =	21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)			:	11248.00	MW, at =	22:00 hrs		MW	MW	MW		MW	MW	MW		
04.	Minimum Generation (Generation end)			:	8360.20	MW, at =	8:00 hrs	Dhaka	3158	3158	0	Mymensingh	969	969	0		
05.	Day-peak Generation (Generation end)			:	9204.00	MW, at =	12:00 hrs	Chattogram	1186	1186	0	Sylhet	475	475	0		
06.	Evening-peak Generation (Generation end)			:	11169.00	MW, at =	21:00 hrs	Khulna	1506	1515	0	Barishal	333	333	0		
07.	Evening Peak Load-shed (Sub-station end)			:	0.00	MW, at =	21:00 hrs P	Rajshahi	1236	1236	0	Rangpur	705	705	0		
08.	Actual Minimum Generation up to 8:00 hrs.			:	7092.10	MW, at =	7:00 hrs am	Cumilla	1142	1142	0						
09.	Generation shortfall at evening peak due to :			:								Total	10710	10719	0		
	a) Gas limitation			:	1168	MW		13.	Fuel cost :	(a) Gas = 153486271 Taka	(c) Coal = 74359225 Taka						
	d) Coal supply Limitation			:	170	MW				(b) Oil = 424928198 Taka	Total = 652773693 Taka						
	b) Low water level in Kaptai lake			:	85	MW											
	c) Plants under shut down/ maintenance			:	1331	MW		14.	Maximum Temperature in Dhaka was :			33.7° C					
10.	Total Energy (Generation + India Import)			:	233.32	MKWh		15.	Export through East-West interconnections :								
	By Gas = 132.960 MKWH					By Oil = 55.383 MKWh			At evening peak-hour			-30	MW, at 21:00 hrs PM				
	By Coal = 16.080 MKWH					By Hydro = 3.385 MKWh			Maximum			-157	MW, at 19:30 hrs				
	By Solar= 0.106 MKWH								Energy			0.139	MKWh				
11.	Total Gas Supplied			:	1086.88	MMCFD											
(D) Forecast of 31.07.20 (Today) Friday :																	
01.	Maximum Demand			:	11000	MW (Generation end)		04.	Maximum Load-shed			:	0	MW At evening peak (Sub-station end)			
02.	Maximum Generation			:	14579	MW (Generation end)		05.	Total Generation			:	228.18	MKWh			
03.	Maximum Shortage			:	-3579	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

(Faouzul Islam Shaker)
Deputy Secretary, Generation