



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551995

Month August, 2020				Day : Monday				Date : 31.08.20			
Probable Maximum Demand : 12600 MW				Probable Maximum Generation : 14478 MW							
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 93.20 ft				Today = 93.18 ft			
				Rule Curve = 98.67 ft							
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.08.20 (Yesterday)		31.08.20 (Today)		30.08.20 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		
					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	28	28	28	28	57	Unit 2 under maint.
	b) Ghorasal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170	Gas Shortage
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	150	150	150	30	Gas Shortage
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	110	110	110	110	80	Gas Shortage
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0	365	Under maint.
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	100	88	103	103	20	Gas Shortage
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	60	0	0	0	78	Gas Shortage
5	Tongi 80 MW GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage
6	Haripur GTTP	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	294	349	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	420	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	356	345	412	412		
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	95	0	100	100	210	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	Gas Shortage
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	99	100	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	137	145	150	150		
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	100	100	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	85	95	96	96		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	40	55	55	55		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	13	33	100	100		
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	93	93	85	102		
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	22	22	22	22		
21	Summit Power, (Madhadi+Ashulia)	Gas (SIIP, REB)	6x3.67+1x8.73	80	80	55	48	55	55		
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	25	33	33	33		
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33		
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	49	52	52		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	105	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 (Barco 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	260	300	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	131	133	133		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	55	100	300		
32	Bramhangon 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	0	0	100	100		
34	Nababganj 55 MW PP (Southern p	HFO (IPP)	3x19.3	55	55	17	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	0	0	0	0		
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	104	104	104	104		
Dhaka Zone Total				6119	5895	2634	3303	3794	4061	1048	537
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	86	90	88	90	140	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.
	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	1.6	0	5	0		
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25		
42	Teknaf 20MW PP (Solarsitech)	Solar (IPP)	1x20	20	20	2.2	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	50	50	50		
44	Sikalbaha 105 MW PP (Baraka Sil)	HFO (IPP)	6x18.415	105	105	9	17	100	100		
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	110	138	145	145	12	Gas shortage
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	306	307	300	300		
48	Juidah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	40	100	100		
49	Juidah 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	85	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 (SIIP, PDB)	8x2.90	22	22	21	21	21	21		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			9	37	20	30		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	26	89	97	97		
54	Sikalbaha 54 MW Power Plant(Jodiad Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	45	50	54		
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	17	50	110		
56	Juidah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100		
Chattogram Zone Total				2326	2266	787.8	1161	1371	1422	152	360
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	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
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	20	20	35	36		
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	187	211	225	225		
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	260	260	300	330		
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	270	325	360	360		
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	42	42	50	Gas shortage
63	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8	187	Gas shortage
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	51	51		
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	40	102	150	150		
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	0	42		
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	90	87	96	96		
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	165	200	200		
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	18	18	21	21		
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11		
71	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33		
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	43	43	43		
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	15	15	20	20		
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+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	114	114	114		
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	113	113	113	113		
**	Impoport (Tripura)	India		160	160	120	172	157	173		
Cumilla Zone Total				3040	2980	1241	1795	1979	2268	635	0
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	155	143	157	160		
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	18	20	20		
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	72	71	72	72		
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x8.87	115	115	64	112	115	115		
81	Myemensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	182	193	200	200		
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	1.6	0		
Myemensingh Zone Total				645	637	495.1	537	565.6	567	0	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.08.20 (Yesterday)		31.08.20 (Today)		30.08.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
83	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	53	89	90	90				
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 (Barakatal)	Gas (RPP)	19x2.90	51	51	47	50	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	44	47				
87	Kushira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	5	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	65	66	66				
90	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	212	195	210	210				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	84	84	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0				
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	12	17	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	24	24	25	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	285	341	341				
98	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400		Under maint.	
	Bibiyan South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total				2033	1988	1037	1070	1145	1148	0	460		
99	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CCPP	Gas (NWPGL)	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	0	0	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
103	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	190	220	220				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	99	99	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	105	105	105				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	923	932	944	944				
Khulna Zone Total				2288	2284	1487	1876	1994	2140	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	20	38	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	60	60	65	65	134		GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	76	77	80	80				
113	Payra 1320 MW Unit-1	Coal (BCPL)	1x622	622	622	460	540	622	622				
Barishal Zone Total				1054	1054	616	825	910	910	0	134		
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	60	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	35	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	56	99	100	100				
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	45	0	50				
121	Katakhal 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	25	0	32				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	185	192	220	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	210	212	220	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	350	406	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	11	11				
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	34	43	43	43				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	50	90	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	55	113	113	113				
Rajshahi Zone Total				2193	2183	1040	1354	1517	1689	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	149	150	150				
135	Rangpur 20 MW GTPP	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	85	107	113	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
138	Majpara, Tatalia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	3.4	0	8	0				
Rangpur Zone Total				685	605	237	256	271	273	170	0		
Sub-total: Plants in operation				20383	19892	9575.3	12177	13547	14478	2386	1491		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9197	11696	13011	13906				
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Gross Total				20383	19892	9575	12177	13547	14478	2386	1491		
(C) Actual data of 30.08.20 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	:	12177.00	MW, at =	21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	11696.00	MW, at =	21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12200.00	MW, at =	23:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	8955.70	MW, at =	8:00 hrs	Dhaka	3864	3864	0	Mymensingh	1007	1007	0
05.	Day-peak Generation (Generation end)	:	9575.30	MW, at =	12:00 hrs	Chattogram	1151	1151	0	Sylhet	474	474	0
06.	Evening-peak Generation (Generation end)	:	12177.00	MW, at =	21:00 hrs	Khulna	1526	1526	0	Barishal	360	360	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs	Rajshahi	1347	1347	0	Rangpur	777	777	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	9522.80	MW, at =	7:00 hrs and	Cumilla	1190	1190	0				
09.	Generation shortfall at evening peak due to :	:								Total	11696	11696	0
	a) Gas limitation	:	2076	MW		13.	Fuel cost :	(a) Gas = 146385479	Taka	(c) Coal = 75461138	Taka		
	d) Coal supply Limitation	:	170	MW				(b) Oil = 671179559	Taka	Total = 893026176	Taka		
	b) Low water level in Kaptai lake	:	140	MW									
	c) Plants under shut down/ maintenance	:	1491	MW		14.	Maximum Temperature in Dhaka was :	34.4° C					
10.	Total Energy (Generation + India Import)	:	254.64	MKWh		15.	Export through East-West interconnections :						
	By Gas = 127.362	MKWh		By Oil = 83.042	MKWh		At evening peak-hour	:	34	MW, at	21:00 hrs		
	By Coal = 16.327	MKWh		By Hydro = 2.047	MKWh		Maximum	:	-102	MW, at	22:00 hrs		
	By Solar= 0.128	MKWh					Energy	:	0.2585	MKWh			
11.	Total Gas Supplied	:	1053.36	MMCFD									
(D) Forecast of 31.08.20 (Today) Monday :													
01.	Maximum Demand	:	12600	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14478	MW	(Generation end)	05.	Total Generation	:	262.99	MKWh			
03.	Maximum Shortage	:	-1878	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.6° C				
* Captive Power ** Imported Power													
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00													
(Fazoul Islam Shaker)													
Deputy Secretary, Generation													