



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9584667, 9551095

Month July, 2020		Day : Monday				Date : 13.07.20						
Probable Maximum Demand :		11000 MW		Yesterday = 83.95 ft		Probable Maximum Generation :		15235 MW		Rule Curve = 85.92 ft		
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.07.20 (Yesterday)		13.07.20 (Today)		12.07.20 (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
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	33	33	35	35		52	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	110	110	110	110		80	Under maint.
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	270	300	300			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	94	94	100	104			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	40	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 CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	335	354	360	360			
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	0	0	0	0		450	Under Inspection 18/7/2020
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	332	324	412	412			
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	205	200	200	5		Gas Shortage
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	300	328	335	335			
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	65	100	100	100			
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	335	300	305	305			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	60	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	48	81	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	30	45	45	45			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	100	0	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	76	68	76	76			
20	Narsinghdi 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	25	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	35	52	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	65	149	149			
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	52	52			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	195	286	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	105	115	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	20	0	50	100			
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	100	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	2949	3236	4000	4289	208	1047	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	111	104	105	105	126		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	1.2	0	5	0			
41	Raazan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
42	Teknaf 20MW PP (Solarftech)	Solar (IPP)	1x20	20	20	2.7	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	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	144	140	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	285	214	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	64	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	17	17	17			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	30	10	20			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	44	80	100			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	50	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	907.9	957	1432	1523	126	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	100	120	100	135			
	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	30	40	30	34			
59	Ashuganj 225 MW CCGP	Gas (APSCCL)	1x142+1*75	221	221	141	45	110	110			
60	Ashuganj 450 MW CCGP(South)	Gas (APSCCL)	1x360	360	360	335	290	360	360			
61	Ashuganj 450 MW CCGP(North)	Gas (APSCCL)	1x361	360	360	280	320	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	20	54	51	55			
63	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*16	195	195	8	45	45	45			
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	35	35	43	43			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	70	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	87	96	95	95			
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	8	11	11	11			
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	33	33	33			
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	25	52	52			
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	19	21	21	21			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x14.40+1.515+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	0	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	108	113	113	113			
**	Impoort (Tijpara)	India		160	160	132	144	154	173			
Cumilla Zone Total				3040	2980	1324	1483	2064	2376	269	0	
77	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	122	105	160	160			
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	32	95	95	95			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115			
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	100	170	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.6	0	1.6	0			
Mymensingh Zone Total				645	637	291.6	437	563.6	592	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.07.20 (Yesterday)		13.07.20 (Today)		12.07.20 (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	91	91	89	89				
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	49	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	39	42	44	44				
87	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	0	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	51	61	61	66				
90	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	107	47	157	330				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	73	74	74	74				
92	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	150	150	150	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	10	9	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	941	1049	1223	1402	0	460		
99	Bheramara GTPP 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	340	315	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	Khulna 225 MW CAPP	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	32	51	115	115				
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	24	60	100				
106	Noapara 40 MW PP (Khanjahan Al)	HFO (QRPP)	5x8.5	40	40	33	40	40	40				
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	53	105	105				
108	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	100	105				
**	Bheramara (HVDC)	India		1000	1000	949	945	960	960				
Khulna Zone Total				2288	2284	1354	1428	1790	2166	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	28	37	33	33				
111	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	65	65	68	68		129	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	75	75	78	79				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	498	531	600	660				
Barishal Zone Total				1054	1054	666	818	859	950	0	129		
114	a) Baghabari 71 MW GTPP	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	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	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	27	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	176	188	200	200				
125	Sirajgonj 225MW CAPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	192	179	210	210				
126	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	408	404	410	410				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	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 (SIPP, REB)	4x2.90	11	11	8	11	11	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	25	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	816	1208	1449	1662	381	0		
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage	
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	149	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	0	113	90	113				
137	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	8	0	12				
138	Majpara-Tatula 8 MW Solar PP (Sympa f)	Solar (IPP)	1 x 8	8	8	1.4	0	8	0				
Rangpur Zone Total				685	605	151	270	248	275	170	0		
Sub-total: Plants in operation				20383	19892	9400.9	10886	13629	15235	1154	2041		
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss													
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0				
Grand Total				20383	19892	9401	10886	13629	15235	1154	2041		
(C) Actual data of 12.07.20 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	: 10886.00 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)	: 10507.00 MW, at = 21:00 hrs P				Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	: 10886.00 MW, at = 21:00 hrs				Dhaka	3546	3546	0	Mymensingh	891	891	0
04.	Minimum Generation (Generation end)	: 8021.10 MW, at = 7:00 hrs				Chattoogram	1132	1132	0	Sylhet	399	399	0
05.	Day-peak Generation (Generation end)	: 9400.90 MW, at = 12:00 hrs				Khulna	1324	1324	0	Barishal	325	325	0
06.	Evening-peak Generation (Generation end)	: 10886.00 MW, at = 21:00 hrs P				Rajshahi	1147	1147	0	Rangpur	728	728	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 21:00 hrs P				Comilla	1015	1015	0				
08.	Actual Minimum Generation up to 8:00 hrs.	: 8140.70 MW, at = 7:00 hrs an				Total				10507	10507	0	
09.	Generation shortfall at evening peak due to :												
	a) Gas limitation	: 858 MW										13. Fuel cost : (a) Gas = 157096667 Taka (c) Coal = 74783733 Taka	
	d) Coal supply Limitation	: 170 MW										(b) Oil = 351187221 Taka Total = 583067621 Taka	
	b) Low water level in Kaptai lake	: 126 MW											
	c) Plants under shut down/ maintenance	: 2041 MW											
10.	Total Energy (Generation + India Import)	: 226.84 MKWh										14. Maximum Temperature in Dhaka was : 31.6° C	
	By Gas = 133.483 MKWh	By Oil = 48.742 MKWh										15. Export through East-West interconnections :	
	By Coal = 16.179 MKWh	By Hydro = 2.546 MKWh										At evening peak-hour : -15 MW, at 21:00 hrs PM	
	By Solar= 0.071 MKWh											Maximum : -87 MW, at 20:00 hrs	
11.	Total Gas Supplied	: 1127.33 MMCFD										Energy : 0.063 MKWh	
(D) Forecast of 13.07.20 (Today) Monday :													
01.	Maximum Demand	: 11000 MW (Generation end)				04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 15235 MW (Generation end)				05. Total Generation : 229.22 MKWh							
03.	Maximum Shortage	: -4235 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

(Fazoul Islam Shaker)
Deputy Secretary, Generation