



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month August, 2020		Day : Thursday				Date : 27.08.20							
Probable Maximum Demand :		11800 MW		Yesterday = 9329 ft		Today = 9330 ft		Probable Maximum Generation : 14009 MW		Rule Curve = 97.35 ft			
Sl. No.	Name of Power Station	Fuel	Type	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.08.20 (Yesterday)		27.08.20 (Today)		26.08.20 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	27.08.20 (Today) Machines shut down (MW)	Status of Machines under shut-down/ Maintenance
							Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)			
							Day	Evening	Day	Evening			
(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	180	170	Under maint.
	c) Ghorasal Repowered CCPP Unit-4	Gas	(PDB)	1 x 210	210	180	0	0	0	0	180		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)	3x43.35	108	108	94	101	100	100	7		Gas Shortage
4	Ghorasal 78.5 MW PP(MAX)	Gas	(QRPP)	2x40	78	78	63	65	65	65	13		Gas Shortage
5	Tongi 80 MW GTPP	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	348	353	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas	(IPP)	2x140+1x170	450	450	320	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	348	339	412	412			
11	Siddhirganj 2120 MW GTTP	Gas	(EGCB)	2 x 105	210	210	0	0	0	0	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	7	7	7	7			
14	Meghnaghat CCPP(Summit)	GAS	(IPP)	2x110+1x110	305	305	145	138	150	150			
15	Meghnaghat 100 MW(IEI)	HFO	(QRPP)	12x8.9	100	100	7	7	100	100			
16	Madanganj 102 PP(Summit)	HFO	(QRPP)	6x17	102	100	80	0	96	96			
17	Madanganj-55 MW PP(Summit)	HFO	(IPP)	5x17.08+1x11.3	55	55	40	40	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO	(QRPP)	8x13.45	100	100	25	100	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO	(IPP)	12x8.924	102	102	16	16	16	16			
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)	6x3.87+7x8.73	80	80	53	55	55	55			
22	Maona 33 MW PP(Summit)	Gas	(SIIP, REB)	4x8.73	33	33	33	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	20	51	35	52			
25	Gazipur 100 MW PP	HFO	(RPCL)	6x18.415	105	105	88	88	100	100			
26	Kodda 150MW PP	HFO	(BPDB-RPCL)	9x17.06	149	149	149	133	149	149			
27	Katpott 52 MW PP (Sinha)	HFO	(IPP)	7x7.90	51	51	41	18	41	41			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO	(IPP)	3x18.69	54	54	53	0	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO	(IPP)	18x17.076	300	300	300	286	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO	(IPP)	8x18.415+1x8.97	149	149	116	130	133	133			
31	Keraniganj 300 MW PP (APR)	HSD	(IPP)	25x6.14	300	300	36	209	100	300			
32	Bramhangan 100 MW PP (Aggreko)	HSD	(IPP)	23x0.85+91x.959	100	100	0	100	50	100			
33	Auraha 100MW PP (Aggreko)	HSD	(IPP)	23x0.85+91x.959	100	100	26	102	80	100			
34	Nabaganj 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(IEI)	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	2815	3198	3448	3735	950	707	
38	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro	(PDB)	2x40, 3x50	230	230	84	85	80	80	145		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	7	1.8	0	5	0			
41	Raozan 25 MW PP	HFO	(RPCL)	3x8.9	25	25	25	8	25	25			
42	Teknaf 20MW PP (Solarsat)	Solar	(IPP)	1x20	20	20	13.1	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO	(IPP)	8x6.89	50	50	50	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	106	104	105	105	46		Gas shortage
46	Sikalbaha 225 MW CCPP	Gas	(PDB)	1 x 150+1 x 75	225	225	112	111	111	111			
47	Anwara 300 MW PP (United)	HFO	(IPP)	17x17.076+ 3x8.04	300	300	307	305	300	300			
48	Juldah 100 MW Unit-1 (Acorn)	HFO	(QRPP)	8x13.45	100	100	100	100	100	100			
49	Juldah 100 MW Unit-3 (Acorn)	HFO	(IPP)	8x13.45	100	100	100	100	100	100			
50	Dohazari -Kalais 100 MW Peakin	HFO	(PDB)	6x17.0	102	102	0	86	100	100			
51	Hathazari 100 MW peaking PP	HFO	(PDB)	11x8.9	98	98	0	0	0	0			
52	Barakunda 22 MW PP (Regent)	Gas	(SIIP, PDB)	8x2.90	22	22	21	21	20	20			
*	Malancha, Ctg EPZ (United)	Gas		5x8.73+3x9.34			4	25	15	25			
53	Chattogram 108 MW PP (ECPV)	HFO	(IPP)	16x7.00	108	108	84	97	97	97			
54	Sikalbaha 54 MW Power Plant(Jodioc Power)	HFO	(IPP)	3x18.55+1x3.6	54	54	0	0	50	54			
55	Karnaphuli Power Ltd.	HFO	(IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
56	Juldah unit-2 (Acorn)	HFO	(IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total					2326	2266	1017.9	1132	1428	1477	191	360	
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	80	80	49		Gas Shortage
	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	5	5	5	5			
59	Ashuganj 225 MW CCPP	Gas	(APSCCL)	1x142+1*75	221	221	168	173	170	170			
60	Ashuganj 450 MW CCPP(South)	Gas	(APSCCL)	1x360	360	360	180	180	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas	(APSCCL)	1x361	360	360	265	265	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas	(RPP)	15*4	55	55	0	0	5	5	55		Gas shortage
63	Ashuganj 195MW PP (APSCCL)	Gas	(IPP)	20*9.73+1*16	195	195	0	0	8	8	195		Gas shortage
64	Ashuganj 51 MW PP (Midland)	Gas	(IPP)	6x9.34	51	51	0	0	51	51			
65	Ashuganj 150MW PP (Midland)	HFO	(IPP)	23x7.015	150	150	0	0	150	150			
66	Titas 50 MW Peaking PP	HFO	(PDB)	6x8.92	52	52	36	49	0	42			
67	Chandpur 150 MW CCPP	Gas	(PDB)	1X106+1x57	163	163	96	86	96	96			
68	Chandpur 200MW (Desh energy)	HFO	(IPP)	12x18.415	200	200	50	120	200	200			
69	Feni 22MW PP (Doreen)	Gas	(SIIP, PDB)	8x2.90	22	22	18	8	21	21			
70	Feni 11 MW PP (Doreen)	Gas	(SIIP, REB)	4x2.90	11	11	8	8	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	39	43	43	43			
73	Cumilla 25 MW PP (Summit)	Gas	(SIIP, REB)	3x3.67+2x6.97	25	25	15	21	20	20			
74	Daudkandi 200 MW PP (B.Trac)	HSD	(IPP)	8x1.4+4x1.515+15x1.05	200	200	0	70	0	200			
75	Feni 114 MW Power Plant(Lakdanavi)	HFO	(IPP)	7*18.415+1*9.78	114	114	114	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	118	156	157	173			
Cumilla Zone Total					3040	2980	1338	1537	1997	2255	568	0	
77	RPCL 210MW CCPP	Gas	(IPP)	4x35+1x70	210	202	120	125	160	160			
78	Tangail 22 MW PP (Doreen)	Gas	(SIIP, PDB)	8x2.90	22	22	17	17	17	17			
79	Jamalpur 95 MW PP(Powerpac)	HFO	(IPP)	12x8.924	95	95	66	74	72	72			
80	Jamalpur 115 MW PP (United)	HFO	(IPP)	12x8.87	115	115	8	115	115	115			
81	Myemsingh 200 MW PP (United)	HFO	(IPP)	21x9.780	200	200	200	193	200	200			

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.08.20 (Yesterday)		27.08.20 (Today)		26.08.20 (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	59	60	60	60				
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	28	30	30				
85	Fenchugonj 51 MW PP (Barakalat)	Gas (RPP)	19x2.90	51	51	47	50	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	43	44	44	44				
87	Kushara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	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	63	67	66	66				
90	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	162	116	210	210				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	81	85	86	86				
92	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	80	80	80	80				
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	25	25				
97	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	290	341	341				
98	Bibiana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0				
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0				
	Sylhet Zone Total			2033	1988	1041	1013	1195	1195	0	462		
99	Bheramara GTPP Unit-3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	350	375	380	380				
101	Fairpur 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 (NWPGL)	1 x 150+1x75	230	230	120	180	220	220				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	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	53	105	105				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	932	932	942	942				
	Khulna Zone Total			2288	2284	1402	1779	1962	2108	0	0		
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	64	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	14	29	33	33				
111	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	90	90	90	90				
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	22	75	80	80				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	400	370	422	422				
	Barishal Zone Total			1054	1054	526	628	735	735	0	104		
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	71			Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0			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	98	100	100				
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	35	0	50				
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	8	50	50				
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	28	0	32				
123	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0			Gas Shortage	
124	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	140	187	220	220				
125	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	158	210	220	220				
126	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	403	364	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	18	18	18				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	9	11	11	11				
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	43	43	43				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	90	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	90	95	95				
	Rajshahi Zone Total			2193	2183	736	1278	1495	1667	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	149	150	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	0	0	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	3.6	0	8	0				
	Rangpur Zone Total			685	605	153	150	271	273	170	0		
	Sub-total: Plants in operation			20383	19892	9440.3	11239	13097	14009	2260	1633		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0				
	Gross Total			20383	19892	9441	11239	13097	14009	2260	1633		
(C) Actual data of 26.08.20 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)			11239.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)			10972.00	MW, at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)			11302.00	MW, at = 22:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)			8421.40	MW, at = 8:00 hrs	Dhaka	3843	3843	0	Mymensingh	945	945	0
05.	Day-peak Generation (Generation end)			9440.50	MW, at = 12:00 hrs	Chattogram	1143	1143	0	Sylhet	507	507	0
06.	Evening-peak Generation (Generation end)			11239.00	MW, at = 19:30 hrs	Khulna	1353	1353	0	Barishal	291	291	0
07.	Evening Peak Load-shed (Sub-station end)			0.00	MW, at = 19:30 hrs	Rajshahi	1182	1182	0	Rangpur	706	706	0
08.	Actual Minimum Generation up to 8:00 hrs.			8491.60	MW, at = 7:00 hrs	Cumilla	1002	1002	0				
09.	Generation shortfall at evening peak due to :									Total	10972	10972	0
	a) Gas limitation			1945	MW	13.	Fuel cost :	(a) Gas = 140731141 Taka	(c) Coal = 68928422 Taka				
	d) Coal supply Limitation			170	MW		(b) Oil = 601436679 Taka	Total = 811096242 Taka					
	b) Low water level in Kaptai lake			145	MW								
	c) Plants under shut down/ maintenance			1633	MW	14.	Maximum Temperature in Dhaka was :	31.7° C					
10.	Total Energy (Generation + India Import)			239.02	MKWh	15.	Export through East-West interconnections :						
	By Gas = 122.445 MKWh				By Oil = 74.022 MKWh		At evening peak-hour	: 163 MW, at 19:30 hrs					
	By Coal = 14.844 MKWh				By Hydro = 1.955 MKWh		Maximum	: 154 MW, at 3:00 hrs					
	By Solar= 0.173 MKWh						Energy	: 0.003 MKWh					
11.	Total Gas Supplied			1036.56	MMCFD								
(D) Forecast of 27.08.20 (Today) Thursday :													
01.	Maximum Demand			11800	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation			14009	MW (Generation end)	05.	Total Generation	: 249.55	MKWh				
03.	Maximum Shortage			-2209	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	32.3° C					

* Captive Power ** Imported Power

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

(Fazool Islam Shaker)
Deputy Secretary, Generation