



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month August, 2020			Day : Wednesday				Date : 26.08.20					
Probable Maximum Demand : 12000 MW			Yesterday = 9325 ft				Probable Maximum Generation : 14264 MW					
Water Level of Kaptai Lake at 06:00 AM			Rule Curve = 9720 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.08.20 (Yesterday)		26.08.20 (Today)		25.08.20 (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
(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	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	92	100	100	100	8		Gas Shortage
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	63	66	65	65	12		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	344	354	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	400	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	359	338	412	412			
11	Siddhirgonj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335		Gas Shortage
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	90	100	7	7			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	150	140	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	64	80	64	64			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	41	55	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	32	32	66	66			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	22	22	22			
21	Summit Power, (Madhadi-Ashulia)	Gas (SIIP, REB)	6x3.67+1x8.73	80	80	51	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	46	51	35	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	105	105	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	149	149	149	149			
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	41	41	41	41			
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	132	0	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	115	133	133	133			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	55	100	300			
32	Bramhangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+9x1.959	100	100	0	100	100	100			
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+9x1.959	100	100	42	103	80	100			
34	Nababganj 55 MW PP (Southern p)	HFO (IPP)	3x19.3	55	55	35	55	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	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	19	104	104	104			
Dhaka Zone Total				6119	5895	2876	3130	3466	3753	950	707	
38	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	79	68	80	80	162		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	5.7	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	16	25	25	25			
42	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	15.8	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	116	105	105	105	105	45		Gas shortage
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	111	111	111	111	114		Gas shortage
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	270	270	300	300			
48	Julaha 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	50	40	100	100			
49	Julaha 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	36	102	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	20	0	20	20			
*	Malancha Ctg EPZ (United)	Gas	5x8.73+3x9.34			9	18	10	20			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	85	97	97	97			
54	Sikalbaha 54 MW Power Plant(Jodioc Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	50	110			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
56	Julaha unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	90	100	100	100			
Chattogram Zone Total				2326	2266	1053.5	1086	1423	1472	321	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	70	70	80	80	59		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	5	5	5	5			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	173	173	170	170			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	180	180	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	255	265	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	0	5	5			
63	Ashuganj 195MW PP (APSCL)	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	51	40	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	10	10	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	38	48	0	42			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	30	87	96	96			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	93	200	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	15	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	0	33	33	33			
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	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+4x1.15+15x1.05	200	200	0	150	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	50	113	113	113			
**	Impoport (Tripura)	India		160	160	148	146	163	173			
Cumilla Zone Total				3040	2980	1306	1735	2003	2255	328	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	121	121	160	160			
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	14	17	17	17			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	74	74	72	72			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115			
81	Myemsingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	46	46	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	1.6	0			
Myemsingh Zone Total				645	637	372.1	373	565.6	564	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.08.20 (Yesterday)		26.08.20 (Today)		25.08.20 (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	56	60	60	60				
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30				
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	44	53	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	42	43	44	44				
87	Kushara 163 MW CCPP (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	5	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	62	67	66	66				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	142	151	165	210				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	85	85	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	80	70	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 CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	275	341	341				
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			Under maint.	
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total					2033	1988	1017	1021	1150	1195	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	340	380	380				
101	Fairdur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	20	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	195	220	220				
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	40	40	40	40				
107	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	17	105	105	105				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	936	935	946	946				
Khulna Zone Total					2288	2284	1573	1850	1966	2112	0	0	
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	80	32	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	17	26	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	90	89	90	90			GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	77	75	80	80				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	310	558	660	660				
Barishal Zone Total					1054	1054	574	780	973	973	0	105	
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	100			Gas Shortage	
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50				
116	Baghabari 200 MW PP (Paramour	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	97	100	100				
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	45	0	50				
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	0	32				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0			Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	202	151	220	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	180	200	220	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	403	383	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	22	18	18				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	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	43	43	43	43				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	93	94	95	95				
Rajshahi Zone Total					2193	2183	1069	1333	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	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	106	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	2.2	0	8	0				
Rangpur Zone Total					685	605	236	255	271	273	170	0	
Sub-total: Plants in operation					20383	19892	10076.8	11563	13313	14264	2150	1632	
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	0	0	
Gross Total					20383	19892	10077	11563	13313	14264	2150	1632	
(C) Actual data of 25.08.20 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	: 11563.00 MW, at = 19:30 hrs		12.		Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 10932.00 MW, at = 19:30 hrs		Zone		Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	: 11563.00 MW, at = 19:30 hrs		Dhaka		3888	3888	0	Mymensingh	840	840	0	
04.	Minimum Generation (Generation end)	: 8832.80 MW, at = 8:00 hrs		Chattogram		1000	1000	0	Sylhet	501	501	0	
05.	Day-peak Generation (Generation end)	: 10076.80 MW, at = 12:00 hrs		Khulna		1409	1409	0	Barishal	293	293	0	
06.	Evening-peak Generation (Generation end)	: 11563.00 MW, at = 19:30 hrs		Rajshahi		1265	1265	0	Rangpur	777	777	0	
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs		Cumilla		959	959	0					
08.	Actual Minimum Generation up to 8:00 hrs.	: 8421.40 MW, at = 7:00 hrs											
09.	Generation shortfall at evening peak due to :												
	a) Gas limitation	: 1818 MW		13.		Fuel cost :		(a) Gas = 142319363 Taka	(c) Coal = 72966924 Taka				
	d) Coal supply Limitation	: 170 MW						(b) Oil = 702605066 Taka	Total = 917891353 Taka				
	b) Low water level in Kaptai lake	: 162 MW											
	c) Plants under shut down/ maintenance	: 1632 MW											
10.	Total Energy (Generation + India Import)	: 248.65 MKWh		14.		Maximum Temperature in Dhaka was :		33.8° C					
	By Gas = 123.285 MKWh	By Oil = 81.996 MKWh		15.		Export through East-West interconnections :							
	By Coal = 15.759 MKWh	By Hydro = 1.792 MKWh				At evening peak-hour		: 171 MW, at 19:30 hrs					
	By Solar= 0.132 MKWh					Maximum		: 80 MW, at 2:00 hrs					
11.	Total Gas Supplied	: 1040.35 MMCFD				Energy		: 0.001 MKWh					
(D) Forecast of 26.08.20 (Today) Wednesday :													
01.	Maximum Demand	: 12000 MW (Generation end)		04.		Maximum Load-shed		: 0 MW At evening peak (Sub-station end)					
02.	Maximum Generation	: 14264 MW (Generation end)		05.		Total Generation		: 258.05 MKWh					
03.	Maximum Shortage	: -2264 MW (Generation end)		06.		Probable Max. Temperature in Dhaka :		35.6° C					

*Captive Power ** Imported Power

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

(Fazool Islam Shaker)
Deputy Secretary, Generation