



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month August, 2020		Day: Monday				Date: 24.08.20						
Probable Maximum Demand :		11900 MW		Yesterday =		Probable Maximum Generation : 14576 MW						
Water Level of Kaptai Lake at 06:00 AM		ft		Today = 93.24 ft		Rule Curve = 96.36 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.08.20 (Yesterday)		24.08.20 (Today)		23.08.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for : 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	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	93	97	100	100	11		Gas Shortage
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	66	67	70	70	11		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	350	353	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	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	389	389	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	0	98	98	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	135	135	150	150			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	7	10	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	80	97	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	41	30	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	52	100	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	94	102	102	102			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	19	22	22			
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.87+1x8.73	80	80	46	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	25	33	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	52	52	35	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	63	102	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	48	46	49	50			
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	286	286	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	109	133	133	133			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	300	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	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(PLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	17	17	104	104			
Dhaka Zone Total				6119	5895	2875	3404	3642	3932	952	707	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	77	78	78	78	152		Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0			
	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	2.3	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	25	25	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19.1	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	34	100	100			
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	140	110	140			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	231	0	165	165			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	179	253	300	300			
48	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	100	100	100			
49	Juldah 100 MW Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	90	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 (SIIP, PDB)	8x2.90	22	22	16	18	18	18			
*	Malancha Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	34	30	30			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	91	97	97	97			
54	Sikalbaha 54 MW Power Plant(Jodioc 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 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	1022.4	1095	1498	1567	152	180	
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	70	70	80	80	59		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	144	126	220	220			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	200	220	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	270	270	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	0	5	5			
63	Ashuganj 195MW PP (APSCCL)	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	46	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	16	100	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	50	50	0	50			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	85	96	96	96			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	118	114	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	18	21	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	25	25	25	25			
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	21	21			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x1.515+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	114	114	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	56	57	60	60			
**	Impoport (Tripura)	India		160	160	118	132	163	173			
Cumilla Zone Total				3040	2980	1414	1526	1993	2253	328	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	123	123	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	73	90	80	80			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	11	115	115	115			
81	Myemsingh 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	1.2	0	1.6	0			
Myemsingh Zone Total				645	637	425.2	545	573.6	572	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.08.20 (Yesterday)		24.08.20 (Today)		23.08.20 (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	60	60						
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30						
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	44	49			60	GT-4 Under maint.		
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	43	43						
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163						
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	5	8						
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	62	64						
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	193	210						
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	85	85						
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	80	80						
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18						
94	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0						
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10						
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24						
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	220	290						
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0			400	Under maint.		
	Bibiana South 400 MW	Gas (PDB)				0	0						
	Sylhet Zone Total		2033	1988	1137	1116	1195	1195	0	460			
99	Bheramara GTPP Unit-3	HSD (PDB)	1 x 20	20	16	0	0						
100	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	325	330						
101	Fairpur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	0						
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0						
103	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	200						
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	115	115						
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100						
106	Noapara 40 MW PP (Khanjahan Al)	HFO (QRPP)	5x8.5	40	40	0	40						
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	105						
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	15						
**	Bheramara (HVDC)	India		1000	1000	923	922						
	Khulna Zone Total		2288	2284	1483	1627	1922	2128	0	0			
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	18	32						
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	16	31						
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	90	89			105	GT-2 Under maint.		
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	78	77						
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	0	520						
	Barishal Zone Total		1054	1054	202	749	973	973	0	105			
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0			71	Gas Shortage		
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0			100	Gas Shortage		
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50						
116	Baghabari 200 MW PP (Paramour)	HSD (IPP)	135x1.6	200	200	0	0			200			
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	35						
118	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0						
119	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	100						
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	47						
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	25						
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	25						
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0			210	Gas Shortage		
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	182	175						
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	180	185						
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	409	411						
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	18						
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11						
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	11						
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	43						
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	60	109			113			
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	94			113			
	Rajshahi Zone Total		2193	2183	868	1339	1513	1683	381	0			
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0			85	Coal Shortage		
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0			85	Coal Shortage		
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	149	149			150			
135	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0						
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2'3	113	113	37	54			113			
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0			10			
138	Majpara, Talulia 8 MW Solar PP (Sympa I)	Solar (IPP)	1 x 8	8	8	7.6	0			8			
	Rangpur Zone Total		685	605	194	203	271	273	170	0			
	Sub-total: Plants in operation		20383	19892	9620.2	11804	13581	14576	1983	1452			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss													
					9227	11322	13026	13981					
(B) Contract expired power plants													
	Sub-Total: Plants under long term maintenance			0	0	0	0	0					
	Gross Total		20383	19892	9620	11804	13581	14576	1983	1452			
(C) Actual data of 23.08.20 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)		11804.00	MW, at = 20:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)		11322.00	MW, at = 20:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)		11804.00	MW, at = 20:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)		8032.80	MW, at = 7:00 hrs	Dhaka	3927	3927	0	Mymensingh	957	957	0	
05.	Day-peak Generation (Generation end)		9620.20	MW, at = 12:00 hrs	Chattogram	1126	1126	0	Sylhet	488	488	0	
06.	Evening-peak Generation (Generation end)		11804.00	MW, at = 20:00 hrs	Khulna	1429	1429	0	Barishal	310	310	0	
07.	Evening Peak Load-shed (Sub-station end)		0.00	MW, at = 20:00 hrs	Rajshahi	1243	1243	0	Rangpur	759	759	0	
08.	Actual Minimum Generation up to 8:00 hrs.		8577.00	MW, at = 7:00 hrs	Cumilla	1083	1083	0					
09.	Generation shortfall at evening peak due to :								Total	11322	11322	0	
	a) Gas limitation		1661	MW	13.	Fuel cost :	(a) Gas = 144329767	Taka	(c) Coal = 59832276	Taka			
	d) Coal supply Limitation		170	MW		(b) Oil = 643968750	Taka	Total = 848130793	Taka				
	b) Low water level in Kaptai lake		152	MW									
	c) Plants under shut down/ maintenance		1452	MW	14.	Maximum Temperature in Dhaka was :	31.0° C						
10.	Total Energy (Generation + India Import)		239.54	MKWh	15.	Export through East-West interconnections :							
	By Gas = 125.201		125.201	MKWh		At evening peak-hour	: 183	MW, at	20:00 hrs				
	By Coal = 12.773		12.773	MKWh		Maximum	: -9	MW, at	10:00 hrs				
	By Solar= 0.179		0.179	MKWh		Energy	: 0.016	MKWh					
11.	Total Gas Supplied		1056.37	MMCFD									
(D) Forecast of 24.08.20 (Today) Monday :													
01.	Maximum Demand		11900	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation		14576	MW (Generation end)	05.	Total Generation	: 241.49	MKWh					
03.	Maximum Shortage		-2676	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