



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564867, 9551095

Month August, 2020		Day : Sunday				Date : 23.08.20						
Probable Maximum Demand :		11800 MW				Probable Maximum Generation : 14510 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 93.26 ft				Today = 93.25 ft						
		Rule Curve = 96.04 ft										
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.08.20 (Yesterday)		23.08.20 (Today)		22.08.20 (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		170	Unit 2 under maint.
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0			Under maint.
	c) Ghorasal Repowered CCGP 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 CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0		365	Under maint.
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	94	98	100	100	10		Gas Shortage
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	70	69	70	70	9		Gas Shortage
5	Tong 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	355	356	360	360			
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	380	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 CCGP	Gas (EGCB)	1x273+1x139	412	412	300	355	412	412			
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	140	0	0	0	335		Gas Shortage
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	7	0	100			
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	120	150	150			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	84	7	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	94	94	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	17	100	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	7	7	93	94			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	16	22	22			
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.87+7x8.73	80	80	53	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	6	52	35	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	42	105	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	30	149	149	149			
27	Katipoti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	48	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	300	300	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	133	131	130	130			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	109	100	300			
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	26	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(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	90	17	104	104			
Dhaka Zone Total				6119	5895	2764	3023	3532	3921	949	707	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	119	117	78	78	113		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	1.3	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	5	25	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	0	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	7	50	50	50			
44	Sikalbaha 105 MW PP (Baraka Sit)	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	106	105	105	105			
46	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	164	163	165	165			
47	Anwara 300 MW PP (Uniled)	HFO (IPP)	17x17.076+ 3x8.04	300	300	245	234	300	300			
48	Juidah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
49	Juidah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	90	100	100	100			
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	68	100	100			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
52	Baratkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	17	18	18			
*	Malancha, Ctg EPZ (Uniled)	Gas	5x8.73+3x9.34			6	32	30	30			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	31	97	97	97			
54	Sikalbaha 54 MW Power Plant(Jodiac 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	Juidah unit-2 (Accom)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	892.3	1108	1493	1532	113	180	
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	80	80	80	80	49		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	25	5	5	5			
59	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	122	141	220	220			
60	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	20	180	360	360			
61	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	190	110	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	10	5	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	51	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	15	100	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	50	0	50			
67	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	90	85	90	90			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	163	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	15	18	18	18			
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	25	25	25	25			
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	1	43	43	43			
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	0	21	21	21			
74	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	9x14.40x1.515+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	42	56	60	60			
**	Impoport (Tripura)	India		160	160	120	128	163	173			
Cumilla Zone Total				3040	2980	822	1394	1984	2244	318	0	
77	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	100	126	160	160			
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.924	22	22	17	17	17	17			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	64	90	80	80			
80	Jamalpur 115 MW PP (Uniled)	HFO (IPP)	12x9.87	115	115	8	115	115	115			
81	Mymensingh 200 MW PP (Uniled)	HFO (IPP)	21x9.780	200	200	200	200	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.3	0	1.6	0			
Mymensingh Zone Total				645	637	389.3	548	573.6	572	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.08.20 (Yesterday)		23.08.20 (Today)		22.08.20 (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	60	60				
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 (Barakatu) Gas (RPP)	19x2.90	51	51	41	47	51	51				
86	Fenchugonj 44MW (Energyprima) Gas (RPP)	12x3.3+5x2.0	44	44	44	44	44	44				
87	Kushlari 163 MW CAPP (KP) Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
88	Hobiganj 11MW PP Confidence-E Gas (SIPP_REB)	4x2.90	11	11	2	8	11	11				
89	Shahjibazar GTPP Unit- 8 & 9 Gas (PDB)	2x35	70	66	64	67	61	66				
90	Shahjibazar 330 MW CAPP Gas (PDB)	2x110+2x110	330	330	202	196	210	210				
91	Shahjibazar 86MW PP (Shahjibaz) Gas (RPP)	32x2.90	86	86	83	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	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 CAPP (Summit) Gas (IPP)	1x222+1x119	341	341	310	300	341	341				
98	Bibiana-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	1131	1132	1190	1195	0	460		
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	345	345	350	410				
101	Fairdipor 50 MW Peaking PP HFO (PDB)	6x6.98	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	230	220	220				
104	Khulna 115 PP MW (KPCL-2) HFO (QRPP)	7x17	115	115	49	115	115	115				
105	Noapara 100 MW PP (Bangla Trac HSD (IPP)	70x1.4+7x1.515	100	100	0	99	60	100				
106	Noapara 40 MW PP (Khanjahan A 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	916	922	932	932				
Khulna Zone Total			2288	2284	1430	1856	1922	2128	0	0		
109	Barisal 110 MW PP (Summit) HFO (IPP)	7 x 17.076	110	110	0	48	110	110				
110	Bhola 33 MW PP (Venture) Gas (RPP)	1x34.50	33	33	16	29	33	33				
111	Bhola 225 MW CAPP Gas (PDB)	2x63+1x68	194	194	89	90	90	90		104	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko) Gas (QRPP)	1.1x96	95	95	52	77	80	80				
113	Payra 1320 MW Unit-1 Coal (BCPCL)	1x622	622	622	410	510	0	660				
Barishal Zone Total			1054	1054	567	754	313	973	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	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	0	100	100	100				
120	Katakhal 50 MW Peaking PP HFO (PDB)	6x8.7	50	50	0	47	0	40				
121	Katakhal 50 MW PP (Northern) HFO (QRPP)	6x8.9	50	50	0	25	50	50				
122	Santahar 50 MW Peaking PP HFO (PDB)	6x8.7	50	50	0	32	0	30				
123	Sirajgonj 225MW CAPP Unit-1 Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0		210	Gas Shortage	
124	Sirajgonj 225MW CAPP Unit-2 Gas (NWPGL)	1x150 + 1x75	220	220	140	186	220	220				
125	Sirajgonj 225MW CAPP Unit-3 Gas (NWPGL)	1x141+1x79	220	220	130	215	220	220				
126	Sirajgonj 400 MW CAPP Unit-4 Gas (IPP)	1x282+1x132	414	414	410	384	414	414				
127	Bogra 22 MW PP (GBB) Gas (RPP)	6x4.0	22	22	18	18	18	18				
128	Bogura 20 MW PP (Energyprima) Gas (RPP)	5x3.3+5x2.0	20	10	11	11	10	10				
129	Ullapara 11 MW PP (Summit) Gas (SIPP_REB)	4x2.90	11	11	8	11	10	11				
130	Natore 52 MW PP (Rajlanka) HFO (IPP)	6x8.92	52	52	0	44	43	43				
131	Bagura 113 MW PP (Confidence) Unit-1 HFO (IPP)	6*18.55	113	113	0	109	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2 HFO (IPP)	6x18.55	113	113	0	90	113	113				
Rajshahi Zone Total			2193	2163	777	1357	1511	1672	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	0	108	113	113				
137	Saidpur 20 MW GTPP HSD (PDB)	1 x 20	20	20	0	0	0	10				
138	Majpara, Tatulia 8 MW Solar PP (Sympa 1 Solar (IPP)	1 x 8	8	8	4.2	0	8	0				
Rangpur Zone Total			685	605	153	257	271	273	170	0		
Sub-total: Plants in operation			20383	19892	8925.8	11429	12790	14510	1931	1451		
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	8926	11429	12790	14510	1931	1451		

(C) Actual data of 22.08.20 (Yesterday) Saturday :												
01.	Max. Demand (Generation end)	: 11429.00 MW, at = 20:00 hrs										
02.	Max. Demand (Sub-station end)	: 10879.00 MW, at = 20:00 hrs										
03.	Highest Generation (Generation end)	: 11429.00 MW, at = 20:00 hrs										
04.	Minimum Generation (Generation end)	: 7618.00 MW, at = 7:00 hrs										
05.	Day-peak Generation (Generation end)	: 8925.80 MW, at = 12:00 hrs										
06.	Evening-peak Generation (Generation end)	: 11429.00 MW, at = 20:00 hrs										
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 20:00 hrs										
08.	Actual Minimum Generation up to 8:00 hrs.	: 8032.80 MW, at = 7:00 hrs										
09.	Generation shortfall at evening peak due to :											
	a) Gas limitation	: 1648 MW										
	d) Coal supply Limitation	: 170 MW										
	b) Low water level in Kaptai lake	: 113 MW										
	c) Plants under shut down/ maintenance	: 1451 MW										
10.	Total Energy (Generation + India Import)	: 225.95 MCKWh										
	By Gas = 123.211 MCKWh	By Oil = 60.235 MCKWh										
	By Coal = 15.537 MCKWh	By Hydro = 2.844 MCKWh										
	By Solar = 0.099 MCKWh											
11.	Total Gas Supplied	: 1076.39 MMCFD										
			12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
			Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW		
			Dhaka	3692	3692	0	Mymensingh	951	951	0		
			Chattogram	1037	1037	0	Sylhet	451	451	0		
			Khulna	1424	1424	0	Barishal	297	297	0		
			Rajshahi	1211	1211	0	Rangpur	793	793	0		
			Cumilla	1023	1023	0						
			Total					10879	10879	0		
			13. Fuel cost :				(a) Gas = 143655424 Taka	(c) Coal = 71990701 Taka				
							(b) Oil = 480383643 Taka	Total = 696029768 Taka				
			14. Maximum Temperature in Dhaka was : 28.6° C									
			15. Export through East-West interconnections :									
			At evening peak-hour				: 313 MW, at 20:00 hrs					
			Maximum Energy				: 132 MW, at 13:00 hrs					
							: 0.003 MCKWh					

(D) Forecast of 23.08.20 (Today) Sunday :												
01.	Maximum Demand	: 11800 MW (Generation end)										
02.	Maximum Generation	: 14510 MW (Generation end)										
03.	Maximum Shortage	: -2710 MW (Generation end)										
04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)										
05.	Total Generation	: 233.28 MCKWh										
06.	Probable Max. Temperature in Dhaka	: 31.6° C										

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00
Captive Power ** Imported Power

(Fazoul Islam Shaker)
 Deputy Secretary, Generation