



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564567, 9551095

Month August, 2020										Day : Tuesday		Date : 25.08.20							
Probable Maximum Demand : 12500 MW					Yesterday = 93.24 ft					Today = 93.26 ft					Probable Maximum Generation : 14445 MW				
Water Level of Kaptai Lake at 06:00 AM					Yesterday					Today					Rule Curve = 96.69 ft				
Sl. No.	Name of Power Station	Fuel	Type	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.08.20 (Yesterday)		25.08.20 (Today)		24.08.20 (Yesterday)		25.08.20 (Today)		Gen. shortfall for :		Status of Machines under shut-down/ Maintenance		
							Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date					
(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 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					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)	3x43.35	108	108	90	94	94	94	14					Gas Shortage			
4	Ghorashal 78.5 MW PP(MAX)	Gas	(QRPP)	2x40	78	78	64	64	64	64	14					Gas Shortage			
5	Tongi 80 MW GTTP	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 CCGP(HPL)	Gas	(IPP)	1x235+1x125	360	360	347	325	360	360									
8	Meghnaghat 450 MW CCGP(MPL)	Gas	(IPP)	2x140+1x170	450	450	420	450	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 CCGP	Gas	(EGCB)	1x273+1x139	412	412	348	341	412	412									
11	Siddhirgonj 2*120 MW GTTP	Gas	(EGCB)	2 x 105	210	210	0	0	0	0	210					Gas Shortage			
12	Siddhirgonj 335 MW CCGP	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	96	95	98	100									
14	Meghnaghat CCGP(Summit)	GAS	(IPP)	2x110+1x110	305	305	140	130	150	150									
15	Meghnaghat 100 MW(EL)	HFO	(QRPP)	12x8.9	100	100	100	100	100	100									
16	Madanganj 102 PP(Summit)	HFO	(QRPP)	6x17	102	100	94	0	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	50	100	100	100									
19	Ganganag 102 MW PP (Digital Pow)	HFO	(IPP)	12x8.924	102	102	102	66	66	66									
20	Narshindi 22 MW PP (Doreen)	Gas	(SIIP, REB)	8x2.90	22	22	19	19	22	22									
21	Summit Power (Madhadi-Ashulia)	Gas	(SIIP, REB)	6x3.87+7x8.73	80	80	54	49	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	0	52	35	52									
25	Gazipur 100 MW PP	HFO	(RPCL)	6x18.415	105	105	105	105	100	100									
26	Kodda 150MW PP	HFO	(BDB-RPCL)	9x17.06	149	149	149	149	149	149									
27	Katpotti 52 MW PP (Sinha)	HFO	(IPP)	7x7.90	51	51	41	0	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	286	289	300	300									
30	Kodda 149 MW PP Unit-1 (Summit)	HFO	(IPP)	8x18.415+1x8.97	149	149	0	0	133	133									
31	Keraniganj 300 MW PP (APR)	HSD	(IPP)	25x6.14	300	300	0	306	100	300									
32	Bramhangon 100 MW PP (Aggreko)	HSD	(IPP)	23x0.85+91x.959	100	100	0	80	50	100									
33	Auraha 100MW PP (Aggreko)	HSD	(IPP)	23x0.85+91x.959	100	100	0	82	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	2913	3335	3550	3839	958				707				
38	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro	(PDB)	2x40, 3x50	230	230	78	75	75	75	155					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	7	4.4	0	5	0									
41	Raozan 25 MW PP	HFO	(RPCL)	3x8.9	25	25	25	25	25	25									
42	Teknaf 20MW PP (Solaritech)	Solar	(IPP)	1x20	20	20	14.3	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	141	104	110	140									
46	Sikalbaha 225 MW CCGP	Gas	(PDB)	1 x 150+1 x 75	225	225	152	111	165	165									
47	Anwara 300 MW PP (Unite)	HFO	(IPP)	17x17.076+ 3x8.04	300	300	253	307	300	300									
48	Juidah 100 MW Unit-1 (Acorn)	HFO	(QRPP)	8x13.45	100	100	0	60	100	100									
49	Juidah 100 MW PP Unit-3 (Acorn)	HFO	(IPP)	8x13.45	100	100	100	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	18	20	20	20									
*	Malancha Ctg EPZ (Unite)	Gas		5x8.73+3x9.34			9	23	11	20									
53	Chattogram 108 MW PP (ECPV)	HFO	(IPP)	16x7.00	108	108	88	97	97	97									
54	Sikalbaha 54 MW Power Plant(Jodiak 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 (Acorn)	HFO	(IPP)	8x13.6	100	100	90	100	100	100									
Chattogram Zone Total					2326	2266	1022.7	1174	1478	1556	155				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	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 CCGP	Gas	(APSCL)	1x142+1*75	221	221	142	145	220	220									
60	Ashuganj 450 MW CCGP(South)	Gas	(APSCL)	1x360	360	360	200	180	360	360									
61	Ashuganj 450 MW CCGP(North)	Gas	(APSCL)	1x361	360	360	270	280	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	51	51	51									
65	Ashuganj 150MW PP (Midland)	HFO	(IPP)	23x7.015	150	150	40	50	150	150									
66	Titas 50 MW Peaking PP	HFO	(PDB)	6x8.92	52	52	0	42	0	42									
67	Chandpur 150 MW CCGP	Gas	(PDB)	1X106+1x57	163	163	94	96	96	96									
68	Chandpur 200MW (Desh energy)	HFO	(IPP)	12x18.415	200	200	0	200	200	200									
69	Feni 22MW PP (Doreen)	Gas	(SIIP, PDB)	8x2.90	22	22	18	0	21	21									
70	Feni 11 MW PP (Doreen)	Gas	(SIIP, REB)	4x2.90	11	11	8	0	11	11									
71	Jangalia 33MW PP (Summit)	Gas	(SIIP, PDB)	4x8.73	33	33	25	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	18	20	20	20									
74	Daudkandi 200 MW PP (B.Trac)	HSD	(IPP)	8x1.4+4x1.515+15x															

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.08.20 (Yesterday)		25.08.20 (Today)		24.08.20 (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	28	30	30				
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	44	50	51	51		62	GT-4 Under maint.	
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	44	43	44	44				
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	110	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	5	8	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	64	66	66				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	195	142	210	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	81	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	9	10	10				
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	25	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	270	341	341				
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0				
	Sylhet Zone Total			2033	1988	1103	983	1195	1195	0	462		
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	325	340	380	410				
101	Fairdur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	23	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	140	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	5	105	105	105				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	15	100	100				
**	Bheramara (HVDC)	India		1000	1000	923	932	932	932				
	Khulna Zone Total			2288	2284	1528	1810	1952	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	18	13	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	90	89	90	90		105	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	44	77	80	80				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	460	622	660	660				
	Barishal Zone Total			1054	1054	612	849	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	100	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	43	0	50				
121	Katakali 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	6	32	0	32				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0		210	Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	174	171	220	220				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	188	160	220	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	397	386	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	11	11	11	11				
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	10	11	11	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	34	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	34	75	95	95				
	Rajshahi Zone Total			2193	2183	981	1369	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	110	107	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	7.9	0	8	0				
	Rangpur Zone Total			685	605	267	257	271	273	170	0		
	Sub-total: Plants in operation			20383	19892	10151.1	11975	13480	14445	1992	1454		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					9708	11452	12891	13814				
	(B) Contract expired power plants												
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0				
	Gross Total			20383	19892	10151	11975	13480	14445	1992	1454		
	(C) Actual data of 24.08.20 (Yesterday) Monday :												
01.	Max. Demand (Generation end)			11975.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)			11452.00	MW, at = 19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)			11975.00	MW, at = 19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)			8577.00	MW, at = 8:00 hrs	Dhaka	4075	4075	0	Mymensingh	913	913	0
05.	Day-peak Generation (Generation end)			10151.10	MW, at = 12:00 hrs	Chattogram	1161	1161	0	Sylhet	514	514	0
06.	Evening-peak Generation (Generation end)			11975.00	MW, at = 19:30 hrs	Khulna	1510	1510	0	Barishal	333	333	0
07.	Evening Peak Load-shed (Sub-station end)			0.00	MW, at = 19:30 hrs	Rajshahi	1307	1307	0	Rangpur	770	770	0
08.	Actual Minimum Generation up to 8:00 hrs.			8832.80	MW, at = 7:00 hrs	Cumilla	869	869	0				
09.	Generation shortfall at evening peak due to :									Total	11452	11452	0
	a) Gas limitation			1667	MW	13.	Fuel cost :	(a) Gas = 144045414	Taka	(c) Coal = 77093264	Taka		
	d) Coal supply Limitation			170	MW			(b) Oil = 685839803	Taka	Total = 906978481	Taka		
	b) Low water level in Kaptai lake			155	MW								
	c) Plants under shut down/ maintenance			1454	MW	14.	Maximum Temperature in Dhaka was :	34.3° C					
10.	Total Energy (Generation + India Import)			249.26	MKWh	15.	Export through East-West interconnections :						
	By Gas = 124.752	MKWh			By Oil = 80.418	MKWh	At evening peak-hour	: 157	MW, at 19:30 hrs				
	By Coal = 16.699	MKWh			By Hydro = 1.738	MKWh	Maximum	: 122	MW, at 20:00 hrs				
	By Solar= 0.188	MKWh					Energy	: 0	MKWh				
11.	Total Gas Supplied			1038.72	MMCFD								
	(D) Forecast of 25.08.20 (Today) Tuesday :												
01.	Maximum Demand			12500	MW (Generation end)	04.	Maximum Load-shed	: 0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation			14445	MW (Generation end)	05.	Total Generation	: 260.19	MKWh				
03.	Maximum Shortage			-1945	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	35.5° C					

* Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation