



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564867, 9551095

Month August, 2020		Day : Friday				Date : 28.08.20						
Probable Maximum Demand :		11000 MW				Probable Maximum Generation : 13804 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 93.30 ft				Today = 93.28 ft						
		Rule Curve = 97.68 ft										
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.08.20 (Yesterday)		28.08.20 (Today)		27.08.20 (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 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)	34x3.35	108	108	96	101	100	100	7		Gas Shortage
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	62	65	65	65	13		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	324	355	360	360			
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	340	0	0	0			
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	350	339	412	412			
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	92	0	0	118		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	7	7	7	7			
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	145	130	150	150			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	7	7	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	97	96	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	29	100	100	100			
19	Ganagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	16	16	16	16			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	22	22			
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.87+7x8.73	80	80	50	50	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	51	51	35	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	70	105	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	149	149	149	149			
27	Kaipoti 52 MW PP (Sirha)	HFO (IPP)	7x7.90	51	51	34	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	250	286	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	131	132	133	133			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	50	100	300			
32	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	70	50	100			
33	Aurahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	53	103	100	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(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	104	104	104	104			
Dhaka Zone Total				6119	5895	2791	2878	3018	3285	858	707	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	82	87	80	80	143		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	2.5	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	15.3	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	46	46	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	110	105	105	105	105	45		Gas shortage
46	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	110	110	111	111			
47	Anwara 300 MW PP (Uniled)	HFO (IPP)	17x17.076+ 3x8.04	300	300	235	306	300	300			
48	Juidah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	70	30	100	100			
49	Juidah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	100	90	100	100			
50	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	85	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 (SIPP, PDB)	8x2.90	22	22	21	21	20	20			
*	Malancha, Ctg EP2 (Uniled)	Gas	5x8.73+3x9.34			20	41	20	40			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	84	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	1105.3	1160	1433	1492	188	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	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	5	5	26	26			
59	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	171	160	225	225			
60	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	180	180	360	360			
61	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	290	260	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	0	30	30	55		Gas shortage
63	Ashuganj 195MW PP (APSCL-	Gas (IPP)	20*9.73+1*16	195	195	8	8	8	8	187		Gas shortage
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	123	138	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	33	0	42			
67	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	95	95	96	96			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	140	200	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	20	21	21			
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	33	33	33	33			
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	34	43	43	43			
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	21	20	20			
74	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	9x14.40+1.515+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	100	114	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	106	113	113	113			
**	Impoport (Tripura)	India		160	160	132	162	157	173			
Cumilla Zone Total				3040	2980	1593	1727	2098	2356	560	0	
77	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	121	128	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	74	73	72	72			
80	Jamalpur 115 MW PP (Uniled)	HFO (IPP)	12x9.87	115	115	32	115	115	115			
81	Mymensingh 200 MW PP (Uniled)	HFO (IPP)	21x9.780	200	200	193	200	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.4	0	1.6	0			
Mymensingh Zone Total				645	637	437.4	533	565.6	564	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.08.20 (Yesterday)		28.08.20 (Today)		27.08.20 (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	50	71	71	71			
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	30	30		90	GT-4 Under maint.
85	Fenchugonj 51 MW PP (Barakatu)	Gas (RPP)	19x2.90	51	51	50	50	51	51			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	40	46	44	44			
87	Kushlira 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	130	163	163			
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP_REB)	4x2.90	11	11	5	11	11	11			
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	64	66	66			
90	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+2x110	330	330	210	201	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	0	0	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	0	24	25	25			
97	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	280	341	341			
98	Bibiyana-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	1011	1052	1206	1206	0	490	
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	330	410	380	390			
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)	7x7	115	115	99	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 A	HFO (QRPP)	5x8.5	40	40	33	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	931	931	942	942			
Khulna Zone Total				2288	2284	1530	1931	1962	2118	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	19	32	33	33			
111	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	90	90	90	90		104	GT-2 Under maint.
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	76	77	80	80			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	240	530	460	530			
Barishal Zone Total				1054	1054	425	777	773	843	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		100	Gas Shortage
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	43	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	5	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	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	39	0	50			
121	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	16	8	50	50			
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	31	0	32			
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	179	183	220	220			
125	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	150	180	220	220			
126	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	341	385	414	414			
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	17	18	18			
128	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	9	11	11	11			
129	Ullapara 11 MW PP (Summit)	Gas (SIPP_REB)	4x2.90	11	11	8	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	90	113	113			
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	94	93	95	95			
Rajshahi Zone Total				2193	2163	1015	1274	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	83	113	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	4.9	0	8	0			
Rangpur Zone Total				685	605	237	263	271	273	170	0	
Sub-total: Plants in operation				20383	19892	10145.1	11595	12822	13804	2157	1661	
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	0
Gross Total				20383	19892	10145	11595	12822	13804	2157	1661	

(C) Actual data of 27.08.20 (Yesterday) Thursday :												
01.	Max. Demand (Generation end)	: 11595.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 11160.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	: 11595.00	MW, at = 21:00 hrs		Dhaka	3836	3836	0	Mymensingh	858	858	0
04.	Minimum Generation (Generation end)	: 8491.60	MW, at = 7:00 hrs		Chattogram	1207	1207	0	Sylhet	507	507	0
05.	Day-peak Generation (Generation end)	: 10145.10	MW, at = 12:00 hrs		Khulna	1378	1378	0	Barishal	330	330	0
06.	Evening-peak Generation (Generation end)	: 11595.00	MW, at = 21:00 hrs		Rajshahi	1203	1203	0	Rangpur	786	786	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00	MW, at = 21:00 hrs		Cumilla	1055	1055	0				
08.	Actual Minimum Generation up to 8:00 hrs.	: 8180.10	MW, at = 7:00 hrs						Total	11160	11160	0
09.	Generation shortfall at evening peak due to :								(a) Gas =	136383912	(c) Coal =	54503102
	a) Gas limitation	: 1844	MW		13.	Fuel cost :			(b) Oil =	684894932	Taka	875781946
	d) Coal supply Limitation	: 170	MW						Total =			
	b) Low water level in Kaptai lake	: 143	MW									
	c) Plants under shut down/ maintenance	: 1661	MW		14.	Maximum Temperature in Dhaka was :						
10.	Total Energy (Generation + India Import)	: 240.49	MKWh		15.	Export through East-West interconnections :						
	By Gas = 118.146	MKWh	By Oil = 82.865	MKWh					At evening peak-hour	: 282	MW, at	21:00 hrs
	By Coal = 11.555	MKWh	By Hydro = 2.025	MKWh					Maximum	: 154	MW, at	3:00 hrs
	By Solar = 0.155	MKWh							Energy	: 0.003	MKWh	
11.	Total Gas Supplied	: 1018.35	MMCFD									
(D) Forecast of 28.08.20 (Today) Friday :												
01.	Maximum Demand	: 11000	MW (Generation end)	04.	Maximum Load-shed		: 0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	: 13804	MW (Generation end)	05.	Total Generation		: 228.15	MKWh				
03.	Maximum Shortage	: -2804	MW (Generation end)	06.	Probable Max. Temperature in Dhaka		: 32.7° C					

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

(Fazoul Islam Shaker)
 Deputy Secretary, Generation