



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month September, 2020		Day : Tuesday				Date : 22.09.20							
Probable Maximum Demand :		11900 MW				Probable Maximum Generation : 14018 MW							
Water Level of Kaptai Lake at 06:00 AM		Yesterday =		95.15 ft		Today =		95.27 ft		Rule Curve =		103.84 ft	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.09.20 (Yesterday)		22.09.20 (Today)		21.09.20 (Yesterday)		22.09.20 (Today)		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	Probable start-up date	
(A) Plants in operation:													
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	0	0	0	0			85	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	STG Commissioning
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	115	115	115	115			75	Gas Shortage
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	200	200	200	200			165	GBC problem
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	94	95	100	100				
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	65	67	71	71			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	420	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	342	361	412	412				
11	Siddhirgonj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	92	52	0	0			158	Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	38	335	335				
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	7	7	7	7				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	0	0	0	0			305	Gas shortage
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	7	7	7	7				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	80	69	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	40	55	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	12	23	0	100				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	93	93	93	93				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	22	22	22	22				
21	Summit Power,(Madhadi-Ashulia)	Gas (SIIP, REB)	6x3.67+1x7.3	80	80	52	46	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	0	52	52				
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	68	85	85	85				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	100	149	149				
27	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0				
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	300	290	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	132	146	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	96	100	300				
32	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	50	50	100				
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	20	0	0	0				
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(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	17	17	17	36				
Dhaka Zone Total				6119	5895	2758	3237	3514	3883	599	790		
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	42	116	40	115			114	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	120	120	120	120			60	Gas Shortage
	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	4	0	5	0				
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25				
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	9	0	20	0				
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	19	46	50	50				
44	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	17	64	100	100				
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0			150	Gas Shortage
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0			225	Gas Shortage
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	307	307	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	100	100	100	100				
50	Dohazari -Kalaisa 100 MW Peakin	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	Barabkunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	17	20	20	20				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			5	18	5	20				
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	71	84	85	85				
54	Sikalbaha 54 MW Power Plant(Jodioc Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	54	54				
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110				
56	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100				
Chattogram Zone Total				2326	2266	865	1205	1334	1399	549	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	0	0	0	0			129	Gas Shortage
	c) Ashuganj TPP Unit-5	Gas (APSCCL)	1 x 150	150	134	80	80	100	100				
58	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	32	32	32	32				
59	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	192	207	225	225				
60	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	0	0	0	0			360	Under MI
61	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	285	320	360	360				
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	25	5	25	25			50	Gas shortage
63	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*16	195	195	45	8	45	45			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	127	117	150	150				
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	0	42				
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	92	85	93	93				
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	86	200	200				
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	18	18	18	18				
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	0	39	43	43				
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	21	21	21	21				
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	50	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	111	113	113	113				
**	Impoport (Tripura)	India		160	160	86	164	162	173				
Cumilla Zone Total				3040	2980	1198	1585	1751	2041	501	360		
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	150	142	160	160			60	Gas Shortage
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	0	11	19	19				
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	0	0	0				
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	100	115	115				
81	Myemsingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	20							

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.09.20 (Yesterday)		22.09.20 (Today)		21.09.20 (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	87	89	90	90				
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	53	53	51	51			60	
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	45	49	44	44				
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	57	65	65				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	253	211	250	250				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	83	87	86	86				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	205	206	213	213				
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	17	17	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	24	24	25	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	295	300	341	341				
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			400	
	Bibiana South 400 MW	Gas (PDB)				195	0	0	0				
Sylhet Zone Total					2033	1988	1494	1306	1397	1397	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	320	285	270	300				
101	Fairdur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	19	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	230	225	225				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	99	99	115	115				
105	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	81	50	100				
106	Noapara 40 MW PP (Khanjahan Al	HFO (QRPP)	5x8.5	40	40	0	40	40	40				
107	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	0	70	105	105				
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	923	919	937	937				
Khulna Zone Total					2288	2284	1462	1743	1842	2028	0	0	
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	80	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	18	29	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	60	58	60	80			136	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	78	78	90	90				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	430	550	580	580				
Barishal Zone Total					1054	1054	586	795	873	893	0	136	
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	
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	50	200	200				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	34	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	96	100	100				
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	43	43	43				
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0				
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	27	0	32				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0			210	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	135	200	200	200				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	162	195	220	220				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	409	370	414	414				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	19	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	10	10				
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	0	52	52	52				
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	35	96	113	113				
Rajshahi Zone Total					2193	2183	892	1362	1498	1620	171	210	
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	150	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	113	96	100	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
138	Majpara, Tatalia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	2	0	8	0				
Rangpur Zone Total					685	605	265	246	258	263	170	0	
Sub-total: Plants in operation					20383	19892	9987.0	11925	12963	14018	2050	2136	
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	9987	11925	12963	14018	2050	2136	
(C) Actual data of 21.09.20 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	: 11925.00 MW, at = 19:00 hrs				12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 11413.00 MW, at = 19:00 hrs				Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	: 11925.00 MW, at = 19:00 hrs				Dhaka	4202	4202	0	Mymensingh	891	891	0
04.	Minimum Generation (Generation end)	: 8954.00 MW, at = 7:00 hrs				Chattogram	1151	1151	0	Sylhet	505	505	0
05.	Day-peak Generation (Generation end)	: 9987.00 MW, at = 12:00 hrs				Khulna	1372	1372	0	Barishal	293	293	0
06.	Evening-peak Generation (Generation end)	: 11925.00 MW, at = 19:00 hrs				Rajshahi	1154	1154	0	Rangpur	787	787	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:00 hrs				Cumilla	1058	1058	0				
08.	Actual Minimum Generation up to 8:00 hrs.	: 8475.00 MW, at = 7:00 hrs				Total 11413 11413 0							
09.	Generation shortfall at evening peak due to :	:				13. Fuel cost : (a) Gas = 158015684 Taka (c) Coal = 74417214 Taka							
	a) Gas limitation	: 1766 MW				(b) Oil = 645417845 Taka Total = 877850743 Taka							
	d) coal supply Limitation	: 170 MW											
	b) Low water level in Kaptai lake	: 114 MW											
	c) Plants under shut down/ maintenance	: 2136 MW											
10.	Total Energy (Generation + India Import)	: 252.62 MKWh				14. Maximum Temperature in Dhaka was : 32.2° C							
	By Gas = 134.231 MKWh	By Oil = 75.430 MKWh				15. Export through East-West interconnections :							
	By Coal = 16.082 MKWh	By Hydro = 1.427 MKWh				At evening peak-hour : 290 MW, at 19:00 hrs							
	By Solar= 0.077 MKWh					Maximum : 53 MW, at 22:00 hrs							
11.	Total Gas Supplied	: 1062.89 MMCFD				Energy : 0 MKWh							
(D) Forecast of 22.09.20 (Today) Tuesday :													
01.	Maximum Demand	: 11900 MW (Generation end)				04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 14018 MW (Generation end)				05. Total Generation : 252.09 MKWh							
03.	Maximum Shortage	: -2118 MW (Generation end)				06. Probable Max. Temperature in Dhaka : 33.0° C							

*Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation