



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month September, 2020		Day : Wednesday				Date : 30.09.20					
Probable Maximum Demand :		12800 MW		Yesterday =		Probable Maximum Generation : 14541 MW					
Water Level of Kaptai Lake at 06:00 AM		98.14 ft		Today = 98.46 ft		Rule Curve = 105.76 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.09.20 (Yesterday)		30.09.20 (Today)		29.09.20 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)		Probable Peak Generation (MW)				
					Day	Evening	Day	Evening			
(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	200	200	220	220		
	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	0	0	200	200	365	Under maint.
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	3x3x35	108	108	43	42	42	42		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78	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	347	351	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	340	280	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0	412	Under maint.
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	180	150	200	200	60	Gas Shortage
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0	335	Under maint.
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	94	100	100	100		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	130	150	150	175	Gas shortage
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	100	100	100	100		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	95	97	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	40	40		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	12	23	100	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,(Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+1x8.73	80	80	53	51	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	51	51	52	52		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	84	84	85	86		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	150	150	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	286	300	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	303	100	300		
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	99	50	100		
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	60	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	35	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	2943	3259	3626	3917	438	1557
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	42	77	44	44	153	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	7	5	0	5	0		
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	25	25	25	25		
42	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	18	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	19	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	139	139	140	145		
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	204	203	221	221		
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	176	162	300	300		
48	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	60	100	100		
49	Juldah 100 MW Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	100	100	100	100		
50	Dohazari -Kalais 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	Barakunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	21	21	21	21		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			4	18	10	25		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	37	90	90	90		
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	1064	1321	1710	1705	213	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	0	0	0	0	129	Gas Shortage
	c) Ashuganj TPP Unit-5	Gas (APSCL)	1 x 150	150	134	80	80	80	80		
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	29	29	30	30		
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	188	179	225	225		
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	360	360	360	Under MI
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	305	320	360	360		
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	53	51	55	55		
63	Ashuganj 195MW PP (APSC)	Gas (IPP)	20*9.73+1*16	195	195	50	55	26	26	140	Gas shortage
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	45	51	51		
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	10	10	150	150		
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	50	0	50		
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	96	86	100	100		
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	18	18	18		
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	5	8	8	8		
71	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33		
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	43	43	52	52		
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+4x1.515+15x1.05	200	200	0	100	0	200		
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	80	100	114	114		
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	113	94	113	113		
**	Impoport (Tripura)	India		160	160	130	156	162	173		
Cumilla Zone Total				3040	2980	1297	1678	1798	2419	404	360
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	152	155	160	160	47	Gas Shortage
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	0	0	0	0		
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	96	102	115	115		
81	Myemsingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	193	200	200	200		
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0		
Myemsingh Zone Total				645	637	460	474	493.6	492	47	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	29.09.20 (Yesterday)		30.09.20 (Today)		29.09.20 (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	59	60	60	60			
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	47	53	51	51			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	44	44	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	0	5	11	11			
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	63	65	65			
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	195	185	200	200			
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	85	88	86	86			
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0			
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	9	10	10	10			
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	16	25	25			
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	285	341	341			
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			Under maint.
	Bibiana South 400 MW	Gas (PDB)				5	0	0	0			
	Sylhet Zone Total			2033	1988	981	1002	1104	1104	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	325	410	410	410			
101	Fairdur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	9	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	225	225	225			
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	83	83	115	115			
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	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	90	105	90	90			
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100			
**	Bheramara (HVDC)	India		1000	1000	928	916	927	927			
	Khulna Zone Total			2288	2284	1546	1888	1957	2113	0	0	
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	80	110	110			
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	14	38	33	33			
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	50	60	65	65			GT-2 Under maint.
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	77	77	78	78			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	470	622	620	620			
	Barishal Zone Total			1054	1054	627	877	906	906	0	134	
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 (Paramoun)	HSD (IPP)	135x1.6	200	200	0	175	200	200			
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	41	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	97	100	100			
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44	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	0	0	34			
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0			Gas Shortage
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	181	196	200	200			
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	169	200	220	220			
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	387	393	414	414			
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	21	22	22			
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	7	10	10	10			
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	11	11	10	11			
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	52	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	94	94	100	113			
	Rajshahi Zone Total			2193	2183	1031	1493	1484	1622	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	109	108	100	113			
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
138	Majpara, Talulia 8 MW Solar PP (Sympa I)	Solar (IPP)	1 x 8	8	8	7	0	8	0			
	Rangpur Zone Total			685	605	266	258	258	263	170	0	
	Sub-total: Plants in operation			20383	19892	10215.0	12250	13337	14541	1443	2901	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss												
						9856	11819	12867	14029			
(B) Contract expired power plants												
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0			
	Gross Total			20383	19892	10215	12250	13337	14541	1443	2901	
(C) Actual data of 29.09.20 (Yesterday) Tuesday :												
01.	Max. Demand (Generation end)	:	12250.00	MW, at = 19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	11819.00	MW, at = 19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12250.00	MW, at = 19:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	8783.00	MW, at = 7:00 hrs	Dhaka	4236	4236	0	Mymensingh	944	944	0
05.	Day-peak Generation (Generation end)	:	10215.00	MW, at = 12:00 hrs	Chattogram	1239	1239	0	Sylhet	428	428	0
06.	Evening-peak Generation (Generation end)	:	12250.00	MW, at = 19:00 hrs	Khulna	1479	1479	0	Barishal	343	343	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs	Rajshahi	1253	1253	0	Rangpur	741	741	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	9241.00	MW, at = 7:00 hrs	Cumilla	1156	1156	0				
09.	Generation shortfall at evening peak due to :	:							Total	11819	11819	0
	a) Gas limitation	:	1120	MW	13.	Fuel cost :	(a) Gas = 149993003 Taka	(c) Coal = 80209680 Taka				
	d) Coal supply Limitation	:	170	MW		(b) Oil = 695777151 Taka	Total = 925979835 Taka					
	b) Low water level in Kaptai lake	:	153	MW								
	c) Plants under shut down/ maintenance	:	2901	MW	14.	Maximum Temperature in Dhaka was :	33.4° C					
10.	Total Energy (Generation + India Import)	:	253.64	MKWh	15.	Export through East-West interconnections :						
	By Gas = 125.477 MKWh			By Oil = 83.906 MKWh		At evening peak-hour :	395	MW, at 19:00 hrs				
	By Coal = 17.405 MKWh			By Hydro = 1.063 MKWh		Maximum :	246	MW, at 20:00 hrs				
	By Solar= 0.204 MKWh					Energy :	0	MKWh				
11.	Total Gas Supplied	:	1119.61	MMCFD								
(D) Forecast of 30.09.20 (Today) Wednesday :												
01.	Maximum Demand	:	12800	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14541	MW (Generation end)	05.	Total Generation	:	265.03	MKWh			
03.	Maximum Shortage	:	-1741	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	33.8° C					

*Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation