



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month September, 2020			Day: Wednesday				Date: 02.09.20					
Probable Maximum Demand :			12500 MW				Probable Maximum Generation : 14508 MW					
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 93.18 ft				Today = 93.18 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.09.20 (Yesterday)		02.09.20 (Today)		Rule Curve = 99.00 ft.		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	01.09.20 Gen. shortfall for : Gas/water/Coal limitation MW	02.09.20 Gen. shortfall for : Machines shut down (MW)		
					Day	Evening	Day	Evening				
(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 CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0	170		Gas Shortage
	c) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	102	100	150	150	80		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 CCPP 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	73	72	90	90		36	Gas Shortage
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0		78	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 CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	302	351	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	370	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	340	341	412	412			
11	Siddhirgonj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	100	100		210	Gas Shortage
12	Siddhirgonj 335 MW CCPP	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	100	100	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	140	140	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	0	0	96	96			
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	12	18	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	93	93	85	102			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIPP, REB)	8x2.90	22	22	19	22	22	22			
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIIPP, REB)	6x3.87+1x8.73	80	80	55	55	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	33	33	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	33	33	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	16	51	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	97	105	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	16	149	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	53	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	281	288	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	112	111	133	133			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300			
32	Bramhangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	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(ELC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	95	104	104	104			
Dhaka Zone Total				6119	5895	2745	2967	3781	4048	1114	537	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	80	79	80	80	151		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	7	2.3	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	25	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	10.83	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	18	50	50	50			
44	Sikalbaha 105 MW PP (Baraka Sik	HFO (IPP)	6x18.415	105	105	0	17	100	100			
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	147	147	150	150	3		Gas shortage
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		225	Under MI
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	307	305	300	300			
48	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
49	Juldah 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	17	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 (SIIPP, PDB)	8x2.90	22	22	17	18	21	21			
*	Malancha, City EPZ (United)	Gas	5x8.73+3x9.34			4	29	15	30			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	70	89	95	95			
54	Sikalbaha 54 MW Power Plant(Jodiack Power)	HFO (IPP)	3x18.55+1x3.6	54	54	34	54	54	54			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
56	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	915.13	1125	1365	1415	154	585	
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	0	0	0	0		134	Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	33	35	35	36			
59	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	179	187	225	225			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	255	265	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	275	260	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	50	50	50		Gas shortage
63	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*16	195	195	36	36	8	8	159		Gas shortage
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	38	51	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	85	122	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	95	92	100	100			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	105	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	17	19	21	21			
70	Feni 11 MW PP (Doreen)	Gas (SIIPP, REB)	4x2.90	11	11	8	10	11	11			
71	Jangalia 33MW PP (Summit)	Gas (SIIPP, PDB)	4x8.73	33	33	33	33	33	33			
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	43	43	43			
73	Cumilla 25 MW PP (Summit)	Gas (SIIPP, REB)	3x3.67+2x6.97	25	25	20	21	20	20			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x1.515+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	17	114	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	113	113	113	113			
**	Impoport (Tripura)	India		160	160	136	170	157	173			
Cumilla Zone Total				3040	2980	1353	1723	2051	2310	607	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	124	126	157	160			
78	Tangail 22 MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	17	21	20	20			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	16	75	72	72			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	95	115	115			
81	Myemsingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	120	194	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.1	0	1.6	0			
Myemsingh Zone Total				645	637	277.1	511	565.6	567	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.09.20 (Yesterday)		02.09.20 (Today)		01.09.20 (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	90	91	90	90			
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 (Barakatal)	Gas (RPP)	19x2.90	51	51	47	47	51	51			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	47	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	2	5	11	11			
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	67	64	66	66			
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	195	192	210	210			
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	85	84	86	86			
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	100	100	100	100			
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	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	16	24	25	25			
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	285	310	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	1101	1185	1245	1245	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	370	315	410	410			
101	Fairdur 50 MW Peaking PP	HFO (PDB)	8x6.98	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 CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	120	225	225			
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	66	99	115	115			
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	30	60	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	90	105	105			
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100			
**	Bheramara (HVDC)	India		1000	1000	931	920	942	942			
Khulna Zone Total				2288	2284	1487	1614	1997	2143	0	0	
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	64	110	110			
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	17	32	33	33			
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	65	65	65	65		129	GT-2 Under maint.
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	22	76	80	80			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	400	540	400	530			
Barishal Zone Total				1054	1054	504	777	688	818	0	129	
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	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	96	100	100			
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44	0	50			
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50			
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	33	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	148	187	220	220			
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	150	209	220	220			
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	353	420	414	414			
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22			
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	11	11	11	11			
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	8	43	43	43			
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	72	90	113	113			
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	35	89	113	113			
Rajshahi Zone Total				2193	2183	806	1340	1517	1689	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	113	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	71	98	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	7.4	0	8	0			
Rangpur Zone Total				685	605	227	211	271	273	170	0	
Sub-total: Plants in operation				20383	19892	9415.6	11453	13481	14508	2426	1711	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss				9008	10957	12897	13880					
(B) Contract expired power plants												
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0			
Gross Total				20383	19892	9416	11453	13481	14508	2426	1711	
(C) Actual data of 01.09.20 (Yesterday) Tuesday :												
01.	Max. Demand (Generation end)	:	11453.00 MW, at = 19:30 hrs	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	:	10957.00 MW, at = 19:30 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
03.	Highest Generation (Generation end)	:	11877.00 MW, at = 1:00 hrs	Dhaka	3755	3755	0	Mymensingh	874	874	0	
04.	Minimum Generation (Generation end)	:	9026.89 MW, at = 8:00 hrs	Chattogram	1205	1205	0	Sylhet	482	482	0	
05.	Day-peak Generation (Generation end)	:	9415.63 MW, at = 12:00 hrs	Khulna	1369	1369	0	Barishal	332	332	0	
06.	Evening-peak Generation (Generation end)	:	11453.00 MW, at = 19:30 hrs	Rajshahi	1112	1112	0	Rangpur	726	726	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00 MW, at = 19:30 hrs	Cumilla	1102	1102	0					
08.	Actual Minimum Generation up to 8:00 hrs.	:	8452.60 MW, at = 7:00 hrs									
09.	Generation shortfall at evening peak due to :	:		13. Fuel cost :		(a) Gas = 145732054 Taka	(c) Coal = 40848218 Taka					
	a) Gas limitation	:	2105 MW			(b) Oil = 627334924 Taka	Total = 813915197 Taka					
	d) Coal supply Limitation	:	170 MW									
	b) Low water level in Kaptai lake	:	151 MW									
	c) Plants under shut down/ maintenance	:	1711 MW									
10.	Total Energy (Generation + India Import)	:	241.88 MKWh	14. Maximum Temperature in Dhaka was : 31° C								
	By Gas = 126.522 MKWh	By Oil =	79.027 MKWh	15. Export through East-West interconnections :								
	By Coal = 8.497 MKWh	By Hydro =	1.939 MKWh	At evening peak-hour : 115 MW, at 19:30 hrs								
	By Solar= 0.140 MKWh			Maximum : -78 MW, at 2:00 hrs								
11.	Total Gas Supplied	:	1055.61 MMCFD	Energy : 0.149 MKWh								
(D) Forecast of 02.09.20 (Today) Wednesday :												
01.	Maximum Demand	:	12500 MW (Generation end)	04. Maximum Load-shed : 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	:	14508 MW (Generation end)	05. Total Generation : 254.57 MKWh								
03.	Maximum Shortage	:	-2008 MW (Generation end)	06. Probable Max. Temperature in Dhaka : 34° C								

*Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation