



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564567, 9551095

Month September, 2020		Probable Maximum Demand : 12400 MW		Day : Thursday		Probable Maximum Generation : 14722 MW		Date : 03.09.20				
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 93.18 ft		Today = 93.23 ft		Rule Curve = 99.86 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.09.20 (Yesterday)		03.09.20 (Today)		02.09.20 (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 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	92	100	100	100	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	Ghorasal 108MW PP (Regent)	Gas (IPP)	3x4x3.35	108	108	72	72	90	90		36	Gas Shortage
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	350	349	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	350	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	413	356	412	412			
11	Siddhirgonj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0		210	Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	0	9	335	335			Gas Shortage
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	92	99	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	130	150	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	64	97	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	88	100	100			
19	Ganganag 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	12	22	22			
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIIPP, REB)	6x3.87+7x8.73	80	80	53	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	51	51	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	104	104	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	149	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	268	268	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	112	112	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	50	50	100			
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	52	100	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(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	104	104	104	104			
Dhaka Zone Total				6119	5895	3048	3342	3966	4233	1105	537	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	79	78	80	80	152		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	2.4	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	20.3	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	17	17	100	100			
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	100	145	0	0	5		Gas shortage
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	150	150		225	Under MI 3/9/2020
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	307	307	300	300			
48	Juidah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	30	30	100	100			
49	Juidah 100 MW Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
50	Dohazari -Kalaisah 100 MW Peakin	HFO (PDB)	6x17.0	102	102	48	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	18	18	21	21			
*	Malancha, City EPZ (United)	Gas	5x8.73+3x9.34			2	25	15	25			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	74	86	95	95			
54	Sikalbaha 54 MW Power Plant(Jodiac 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	1	110	110			
56	Juidah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	90	100	100	100			
Chattogram Zone Total				2326	2266	1016.7	1138	1425	1410	157	585	
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	0	0	80	80	134		Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	35	35	35	36			
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1x75	221	221	192	0	225	225			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	255	295	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	260	325	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	25	50	50	30		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	43	43	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	82	70	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	44	0	44			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	85	95	100	100			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	175	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	20	19	21	21			
70	Feni 11 MW PP (Doreen)	Gas (SIIPP, REB)	4x2.90	11	11	10	11	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	43	43	43	43			
73	Cumilla 25 MW PP (Summit)	Gas (SIIPP, REB)	3x3.67+2x6.97	25	25	15	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	108	114	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	105	113	113	113			
**	Impoport (Tripura)	India		160	160	134	144	157	173			
Cumilla Zone Total				3040	2980	1433	1613	2131	2392	615	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	139	122	157	160			
78	Tangail 22 MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	20	22	22	22			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	18	71	72	72			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	47	115	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	1.1	0	1.6	0			
Myemsingh Zone Total				645	637	418.1	530	567.6	569	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.09.20 (Yesterday)		03.09.20 (Today)		02.09.20 (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	91	91	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	47	50	51	51			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	43	48	44	44			
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163			
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	8	11	11			
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	63	61	66	66			
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	204	201	210	210			
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	86	85	86	86			
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	100	120	120	120			
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	10	10	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	290	310	341	341			
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0			
	Sylhet Zone Total			2033	1988	1177	1219	1265	1265	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	250	370	410	410			
101	Faridpur 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	160	225	225			
104	Khulna 115 MW PP (KPCL-2)	HFO (QRPP)	7x17	115	115	88	106	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	0	105	105	105			
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100			
**	Bheramara (HVDC)	India		1000	1000	932	905	942	942			
	Khulna Zone Total			2288	2284	1430	1786	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	19	32	33	33			
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	65	65	65	65			
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	32	78	80	80			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	480	520	0	460			
	Barishal Zone Total			1054	1054	596	759	288	748	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	0			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	52	98	100	100			
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	43	0	50			
121	Katakhal 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	25	0	32			
123	Siraigonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0			Gas Shortage
124	Siraigonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+ 1x75	220	220	158	202	220	220			
125	Siraigonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	185	210	220	220			
126	Siraigonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	402	412	414	414			
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	18	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	0	43	43	43			
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	90	90	113	113			
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	8	113	113	113			
	Rajshahi Zone Total			2193	2183	935	1361	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	149	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	70	85	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	7.8	0	8	0			
	Rangpur Zone Total			685	605	227	234	271	273	170	0	
	Sub-total: Plants in operation			20383	19892	10280.6	11982	13428	14722	2428	1711	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss												
						9921	11563	12958	14207			
(B) Contract expired power plants												
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0			
	Gross Total			20383	19892	10281	11982	13428	14722	2428	1711	

(C) Actual data of 02.09.20 (Yesterday) Wednesday :												
01.	Max. Demand (Generation end)	: 11982.00 MW, at = 19:30 hrs		12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 11563.00 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)	: 12026.00 MW, at = 22:00 hrs			Dhaka	3948	3948	0	Mymensingh	939	939	0
04.	Minimum Generation (Generation end)	: 8452.60 MW, at = 7:00 hrs			Chattogram	1228	1228	0	Sylhet	520	520	0
05.	Day-peak Generation (Generation end)	: 10280.60 MW, at = 12:00 hrs			Khulna	1471	1471	0	Barishal	329	329	0
06.	Evening-peak Generation (Generation end)	: 11982.00 MW, at = 19:30 hrs			Rajshahi	1258	1258	0	Rangpur	755	755	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00 MW, at = 19:30 hrs			Cumilla	1115	1115	0				
08.	Actual Minimum Generation up to 8:00 hrs.	: 9015.20 MW, at = 7:00 hrs							Total	11563	11563	0
09.	Generation shortfall at evening peak due to :											
	a) Gas limitation	: 2106 MW		13.	Fuel cost :		(a) Gas = 145694916 Taka	(c) Coal = 72264343 Taka				
	d) Coal supply Limitation	: 170 MW					(b) Oil = 640204562 Taka	Total = 858163821 Taka				
	b) Low water level in Kaptai lake	: 152 MW										
	c) Plants under shut down/ maintenance	: 1711 MW		14.	Maximum Temperature in Dhaka was :		34.5° C					
10.	Total Energy (Generation + India Import)	: 249.77 MKWh		15.	Export through East-West interconnections :							
	By Gas = 126.839 MKWh	By Oil = 79.759 MKWh			At evening peak-hour		: 123 MW, at 19:30 hrs					
	By Coal = 15.601 MKWh	By Hydro = 1.889 MKWh			Maximum		: 70 MW, at 19:00 hrs					
	By Solar= 0.248 MKWh				Energy		: 0 MKWh					
11.	Total Gas Supplied	: 1088.12 MMCFD										
(D) Forecast of 03.09.20 (Today) Thursday :												
01.	Maximum Demand	: 12400 MW (Generation end)		04.	Maximum Load-shed		: 0 MW At evening peak (Sub-station end)					
02.	Maximum Generation	: 14722 MW (Generation end)		05.	Total Generation		: 257.54 MKWh					
03.	Maximum Shortage	: -2322 MW (Generation end)		06.	Probable Max. Temperature in Dhaka :		33.6° C					

*Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation