



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month September, 2020			Day : Tuesday				Date : 15.09.20					
Probable Maximum Demand :			12500 MW				Probable Maximum Generation : 15045 MW					
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 94.01 ft				Today = 94.19 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.09.20 (Yesterday)		15.09.20 (Today)		Rule Curve = 100.99 ft		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	14.09.20 (Yesterday)	15.09.20 (Today)	Gen. shortfall for : Gas/water/Coal limitation (MW)	Machines shut down (MW)		
					Day	Evening	Day	Evening			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	150	100	0	0	80		Gas Shortage
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	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			
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	62	12	100	100		96	Gas Shortage
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	40	40	67	68		38	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	304	305	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	320	380	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	359	339	412	412			
11	Siddhirgonj 2*120 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	303	278	335	335			
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	138	125	150	150			
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	80	97	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	55	100	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	93	102	100	102			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	19	22	22	22			
21	Summit Power,(Madhadi-Ashulia)	Gas (SIIP, REB)	6x3.67+1x7.3	80	80	46	48	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	16	8	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	105	104	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	16	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	292	300	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	133	131	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300			
32	Bramhangon 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	Nababganj 55 MW PP (Southern p)	HFO (IPP)	3x19.3	55	55	35	55	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	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	70	80			
Dhaka Zone Total				6119	5895	3143	3458	4121	4384	549	445	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	37	40	40	40		190	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	130	130	130	130		50	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	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	10	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	0	0	100	100			
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	120	120	120			
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	206	189	0	0			
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	179	197	300	300			
48	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	50	30	100	100			
49	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	90	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	Barabkunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	18	21	21	21			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	33	5	30			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	75	85	85	85			
54	Sikalbaha 54 MW Power Plant(Jodiach Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	52	110	110			
56	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	952	1257	1465	1465	240	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	80	80		54	Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	10	10	10	10			
59	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	186	162	214	214			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	270	270	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	290	290	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5		50	Gas shortage
63	Ashuganj 195MW PP (APSCCL)	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	35	51	51			
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	132	138	150	150			
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	90	85	100	100			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	51	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	18	18	21	21			
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11			
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	20	43	43	43			
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	20	21	21	21			
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	0	68	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	104	113	113	113			
**	Impoport (Tripura)	India		160	160	148	176	157	173			
Cumilla Zone Total				3040	2980	1468	1617	2051	2317	555	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	123	109	140	140			
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	22	20	20	22			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	54	55	55	55			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	24	65	115	115			
81	Myemsingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	170	184	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1	0	1.6	0			
Myemsingh Zone Total				645	637	394	433	531.6	532	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	14.09.20 (Yesterday)		15.09.20 (Today)		14.09.20 (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	88	90	90			
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	28	22	30	30		68	GT-4 Under maint.
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	50	52	50	51			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	50	44	44			
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	130	163	163			
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	0	11	11			
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	62	64	64			
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	263	310	300	300			
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	200	185	225	225			
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	305	280	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	1350	1319	1458	1458	0	468	
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	310	320	410	410			
101	Fairdur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	27	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	170	225	225			
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	99	115	115	115			
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	92	50	100			
106	Noapara 40 MW PP (Khanjahan Al)	HFO (QRPP)	5x8.5	40	40	8	40	40	40			
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	53	105	105			
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100			
**	Bheramara (HVDC)	India		1000	1000	932	927	945	945			
	Khulna Zone Total			2288	2284	1469	1744	1990	2146	0	0	
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	96	110	110			
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	27	39	33	33			
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	67	68	65	68		126	GT-2 Under maint.
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	76	77	77	77			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	360	520	620	620			
	Barishal Zone Total			1054	1054	546	800	905	908	0	126	
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	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	0	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	15	88	100	100			
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	47	50	50			
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	32	0	32			
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	135	105	147	147		105	ST under maint.
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	190	158	220	220			
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0		220	Under Mi 21/09/2020
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	405	365	414	414			
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22			
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	0	0	8	8			
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	70	109	113	113			
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	48	111	113	113			
	Rajshahi Zone Total			2193	2183	895	1150	1450	1572	171	325	
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	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	99	113	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	1	0	8	0			
	Rangpur Zone Total			665	605	250	262	258	263	170	0	
	Sub-total: Plants in operation			20383	19892	10467.0	12040	14230	15045	1685	1544	
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			
	Gross Total			20383	19892	10467	12040	14230	15045	1685	1544	
(C) Actual data of 14.09.20 (Yesterday) Monday :												
01.	Max. Demand (Generation end)	:	12040.00	MW, at = 20:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	11519.00	MW, at = 20:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12040.00	MW, at = 20:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	9206.00	MW, at = 8:00 hrs	Dhaka	4034	4034	0	Mymensingh	876	876	0
05.	Day-peak Generation (Generation end)	:	10467.00	MW, at = 12:00 hrs	Chattogram	1120	1120	0	Sylhet	467	467	0
06.	Evening-peak Generation (Generation end)	:	12040.00	MW, at = 20:00 hrs	Khulna	1528	1528	0	Barishal	273	273	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs	Rajshahi	1275	1275	0	Rangpur	770	770	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	9158.00	MW, at = 7:00 hrs	Cumilla	1176	1176	0				
09.	Generation shortfall at evening peak due to :	:							Total	11519	11519	0
	a) Gas limitation	:	1325	MW	13.	Fuel cost :		(a) Gas = 168144345 Taka	(c) Coal = 74215519 Taka			
	d) Coal supply Limitation	:	170	MW				(b) Oil = 571310155 Taka	Total = 813670018 Taka			
	b) Low water level in Kaptai lake	:	190	MW								
	c) Plants under shut down/ maintenance	:	1544	MW	14.	Maximum Temperature in Dhaka was :		33.6° C				
10.	Total Energy (Generation + India Import)	:	258.04	MKWh	15.	Export through East-West interconnections :						
	By Gas = 144.386 MKWh			By Oil = 70.189 MKWh		At evening peak-hour :		-135	MW, at 20:00 hrs			
	By Coal = 16.097 MKWh			By Hydro = 1.330 MKWh		Maximum :		-170	MW, at 19:00 hrs			
	By Solar= 0.153 MKWh					Energy :		0.3245	MKWh			
11.	Total Gas Supplied	:	1173.53	MMCFD								
(D) Forecast of 15.09.20 (Today) Tuesday :												
01.	Maximum Demand	:	12500	MW (Generation end)	04.	Maximum Load-shed		:	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation	:	15045	MW (Generation end)	05.	Total Generation		:	267.90	MKWh		
03.	Maximum Shortage	:	-2545	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :		:	33.2° C			

*Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation