



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564867, 9551095

Month September, 2020			Day : Saturday				Date : 26.09.20						
Probable Maximum Demand :			11000	MW		Probable Maximum Generation :			14271	MW			
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 96.17		ft	Today = 96.76		ft	Rule Curve = 104.80		ft		
Sl. No.	Name of Power Station	Fuel	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Dated/ Present Capacity (MW)	25.09.20 (Yesterday)		26.09.20 (Today)		25.09.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks			Probable start-up date
										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	0	0	100	100		180	STG Commissioning	
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	115	115	115	180		75	Gas Shortage	
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	200	200	0	0		165	GBC problem	
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	85	92	94	94				
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	40	40	68	68		38	Gas Shortage	
5	Tong 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0		105	Gas Shortage	
6	Haripur GTPP	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	324	352	360	360				
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	420	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	348	343	412	412				
11	Siddhirganj 2 nd 120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0		210	Gas Shortage	
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	302	308	335	335				
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	100	100	100				
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110-1x110	305	305	0	0	0	0		305	Gas shortage	
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	1	100	100	100				
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	30	90	100	100				
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	40	55	55				
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100				
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	7	93	93	93				
20	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	22	22	22				
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x8.87+7x8.73	80	80	41	54	55	55				
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	25	33	33				
23	Rupganj 33 MW PP(Summit)	Gas (SIPP, 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	0	0	85	85				
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	84	149	149				
27	Kalipoti 52 MW PP (Sirha)	HFO (IPP)	7x7.90	51	51	0	0	0	0				
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54				
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	70	270	300	300				
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	80	149	149	149				
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300				
32	Bramhangonj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85-91x.959	100	100	0	0	50	100				
33	Aurahaj 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	0	0	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	104	104	104				
Dhaka Zone Total				6119	5895	2145	3143	3838	4193	678	790		
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	42	113	40	110		117	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	2	0	5	0				
41	Raazan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25				
42	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	7	0	20	0				
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	50	50				
44	Sikalbaha 105 MW PP (Baraka Sii)	HFO (IPP)	6x18.415	105	105	0	0	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 (Uniled)	HFO (IPP)	17x17.076+ 3x8.04	300	300	161	306	300	300				
48	Juidah 100 MW Unit-1 (Accom)	HFO (QRPP)	8x13.45	100	100	0	100	100	100				
49	Juidah 100 MW PP Unit-3 (Accom)	HFO (IPP)	8x13.45	100	100	100	100	100	100				
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	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 (SIPP, PDB)	8x2.90	22	22	20	21	20	20				
*	Malancha, Ctg, EP2 (Uniled)	Gas	5x8.73+3x9.34			39	41	12	40				
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	48	90	90				
54	Sikalbaha 54 MW Power Plant(Jodiac 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	0	110	110				
56	Juidah unit-2 (Accom)	HFO (IPP)	8x13.6	100	100	100	100	100	100				
Chattogram Zone Total				2326	2266	591	849	1346	1419	552	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	130	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	139	97	225	225				
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0		360	Under Mi	
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	290	335	360	360				
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	0	54	55	55		1	Gas shortage	
63	Ashuganj 195MW PP (APSCL-)	Gas (IPP)	20*9.73+1*16	195	195	8	45	8	8		150	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	5	5	150	150				
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	42				
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	96	96	100	100				
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	200	200				
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	18	18				
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	8	8	8				
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	25	25				
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	34	34				
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	18	21	21				
74	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	9x1.4+40x1.515+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	0	114	114				
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	0	113	113	113				
**	Impoport (Tripura)	India		160	160	106	142	162	173				
Cumilla Zone Total				3040	2980	881	1174	1754	2007	415	360		
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	152	157	160	160		45	Gas Shortage	
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	14	17	16	16				
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	0	0	0				
80	Jamalpur 115 MW PP (Uniled)	HFO (IPP)	12x9.87	115	115	16	8	115	115				
81	Mymensingh 200 MW PP (Uniled)	HFO (IPP)	21x9.780	200	200	170	200	200	200				
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2	0	1.6	0				
Mymensingh Zone Total				645	637	354	382	492.6	491	45	0		

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	25.09.20 (Yesterday)		26.09.20 (Today)		25.09.20 (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	89	87	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 (Barakatu)	Gas (RPP)	19x2.90	51	51	47	50	51	51			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	44	47	47	47			
87	Kushlira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163			
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP_REB)	4x2.90	11	11	8	11	11	11			
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	66	65	65			
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	142	202	200	200			
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	85	85	86	86			
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	120	136	145	145			
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	300	300	341	341			
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0			
Sylhet Zone Total				2033	1988	1107	1229	1282	1282	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	290	370	410	410			
101	Fairdour 50 MW Peaking PP	HFO (PDB)	6x6.98	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 (KPLC-2)	HFO (QRPP)	7x7	115	115	0	99	115	115			
105	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	100			
106	Noapara 40 MW PP (Khanjahan A	HFO (QRPP)	5x8.5	40	40	0	40	40	40			
107	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	0	0	105	105			
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100			
**	Bheramara (HVDC)	India		1000	1000	928	919	929	929			
Khulna Zone Total				2288	2284	1338	1548	1974	2130	0	0	
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	48	110	110			
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	15	30	33	33			
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	86	80	86	86		114	GT-2 Under maint.
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	33	77	78	78			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	400	500	580	580			
Barishal Zone Total				1054	1054	534	735	887	887	0	114	
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	0	0	50			
116	Baghabari 200 MW PP (Paramoun	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	0	0	100	100			
120	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	43	43			
121	Katakhal 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		210	Gas Shortage
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	151	190	200	200			
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	160	197	220	220			
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	404	408	414	414			
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	21	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 (SIPP_REB)	4x2.90	11	11	8	8	9	11			
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	109	113	113			
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	90	90			
Rajshahi Zone Total				2193	2163	753	943	1473	1599	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	0	109	100	113			
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
138	Majpara, Tatulia 8 MW Solar PP (Sympa 1	Solar (IPP)	1 x 8	8	8	0	0	8	8			
Rangpur Zone Total				685	605	150	259	258	263	170	0	
Sub-total: Plants in operation				20383	19892	7853.0	10262	13305	14271	2031	2114	
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	0
Gross Total				20383	19892	7853	10262	13305	14271	2031	2114	

(C) Actual data of 25.09.20 (Yesterday) Friday :												
01.	Max. Demand (Generation end)	: 10262.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	: 9767.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	: 10262.00	MW, at = 21:00 hrs		Dhaka	3350	3350	0	Mymensingh	810	810	0
04.	Minimum Generation (Generation end)	: 7634.00	MW, at = 9:00 hrs		Chattogram	986	986	0	Sylhet	437	437	0
05.	Day-peak Generation (Generation end)	: 7853.00	MW, at = 12:00 hrs		Khulna	1302	1302	0	Barishal	287	287	0
06.	Evening-peak Generation (Generation end)	: 10262.00	MW, at = 21:00 hrs		Rajshahi	1048	1048	0	Rangpur	584	584	0
07.	Evening Peak Load-shed (Sub-station end)	: 0.00	MW, at = 21:00 hrs		Cumilla	963	963	0				
08.	Actual Minimum Generation up to 8:00 hrs.	: 7804.00	MW, at = 7:00 hrs						Total	9767	9767	0
09.	Generation shortfall at evening peak due to :											
	a) Gas limitation	: 1744	MW	13.	Fuel cost :		(a) Gas = 150046671	Taka	(c) Coal = 69204186	Taka		
	d) Coal supply Limitation	: 170	MW				(b) Oil = 334532733	Taka	Total = 553783590	Taka		
	b) Low water level in Kaptai lake	: 117	MW									
	c) Plants under shut down/ maintenance	: 2114	MW	14.	Maximum Temperature in Dhaka was :		31.8° C					
10.	Total Energy (Generation + India Import)	: 212.63	MKWh	15.	Export through East-West interconnections :							
	By Gas = 128.338	MKWh	By Oil = 42.627				At evening peak-hour	: 73	MW, at 21:00 hrs			
	By Coal = 14.921	MKWh	By Hydro = 1.478				Maximum	: -63	MW, at 19:30 hrs			
	By Solar = 0.067	MKWh					Energy	: 0.016	MKWh			
11.	Total Gas Supplied	: 1026.24	MMCFD									

(D) Forecast of 26.09.20 (Today) Saturday :												
01.	Maximum Demand	: 11000	MW (Generation end)	04.	Maximum Load-shed		: 0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	: 14271	MW (Generation end)	05.	Total Generation		: 227.92	MKWh				
03.	Maximum Shortage	: -3271	MW (Generation end)	06.	Probable Max. Temperature in Dhaka		: 31.5° C					

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00
Captive Power ** Imported Power

(Fazoul Islam Shaker)
Deputy Secretary, Generation