



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9531095

Month September, 2020		Day : Thursday				Date : 24.09.20									
Probable Maximum Demand :		11400 MW		Yesterday =		95.35 ft		Today =		95.61 ft		Probable Maximum Generation :		13620 MW	
Water Level of Kaptai Lake at 06:00 AM		Yesterday =		95.35 ft		Today =		95.61 ft		Rule Curve =		104.32 ft		Yesterday =	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.09.20 (Yesterday)		24.09.20 (Today)		23.09.20 (Yesterday)		24.09.20 (Today)		Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :						
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)					
(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	0	0				180	STG Commissioning	
	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	200	200	200	200				165	GBC problem	
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	90	94	94	94						
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	66	68	68	68				10	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	310	353	0	0						
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	350	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	339	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	273	300	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	0	0	0	0				305	Gas shortage	
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	7	20	100	100						
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	97	95	100	100						
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	41	41	55	55						
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	90	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	19	22	22	22						
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	53	52	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	0	52	52	52						
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	50	84	85	85						
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	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	300	300	300	300						
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	130	131	149	149						
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300						
32	Bramhanganj 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	60	100						
34	Nababganj 55 MW PP (Southern p)	HFO (IPP)	3x19.3	55	55	17	55	55	55						
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	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	17	17						
Dhaka Zone Total				6119	5895	2873	3296	3491	3781	650	790				
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	42	75	40	105	155				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	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25						
42	Teknaf 20MW PP (SolarTech)	Solar (IPP)	1x20	20	20	11	0	20	0						
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	2	18	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	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 (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	306	307	300	300						
48	Julhad 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100						
49	Julhad 100 MW Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	90	100	100	100						
50	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	85	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	0	19	20	20						
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			8	17	8	30						
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	39	90	90	90						
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	54	54	54						
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	110	110						
56	Julhad unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100						
Chattogram Zone Total				2326	2266	720	1010	1342	1404	590	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	100	80	80	80						
58	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	29	29	30	30						
59	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	182	189	225	225						
60	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	0	0	0	0				360	Under MI	
61	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	270	260	360	360						
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	20	27	50	50	28				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	51	51	51	51						
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	20	105	150	150						
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	36	0	42						
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	85	96	100	100						
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	101	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	8	8	8	8						
71	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	25	25	25	25						
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	34	34	34						
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	15	20	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	100	114	114						
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113</											

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.09.20 (Yesterday)		24.09.20 (Today)		23.09.20 (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	89	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	49	50	51	51						
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	49	44	44						
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	110	163	163						
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11						
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	66	65	65	65						
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	211	140	250	250						
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	84	50	86	86						
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	205	219	0	0						
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	9	9	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	300	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)				0	0	0	0						
Sylhet Zone Total					2033	1988	1292	1164	1184	1184	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	310	330	315	315						
101	Fairpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	12	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	180	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	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	0	53	105	105						
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100						
**	Bheramara (HVDC)	India		1000	1000	921	921	931	931						
Khulna Zone Total					2288	2284	1450	1751	1881	2037	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	15	32	33	33						
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	60	60	60	60			GT-2 Under maint.			
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	78	76	76	76						
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	430	540	580	580						
Barishal Zone Total					1054	1054	583	772	859	859	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	0			Gas Shortage			
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	43	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	43	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	33	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	184	135	200	200						
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	196	160	220	220						
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	354	412	414	414						
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	17	15	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 (SIIP, REB)	4x2.90	11	11	5	11	9	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	109	109	113	113						
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	90	90	90						
Rajshahi Zone Total					2193	2183	875	1244	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	80	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	0	0	8	8						
Rangpur Zone Total					685	605	230	263	258	263	170	0			
Sub-total: Plants in operation					20383	19892	9468.0	11384	12730	13620	2137	2134			
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	9468	11384	12730	13620	2137	2134			
(C) Actual data of 23.09.20 (Yesterday) Wednesday :															
01.	Max. Demand (Generation end)	:	11384.00	MW, at = 19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
02.	Max. Demand (Sub-station end)	:	10939.00	MW, at = 19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	:	11384.00	MW, at = 19:30 hrs		MW	MW	MW		MW	MW	MW	MW		
04.	Minimum Generation (Generation end)	:	8503.00	MW, at = 7:00 hrs		Dhaka	3981	3981	0	Mymensingh	842	842	0		
05.	Day-peak Generation (Generation end)	:	9468.00	MW, at = 12:00 hrs		Chattogram	1103	1103	0	Sylhet	466	466	0		
06.	Evening-peak Generation (Generation end)	:	11384.00	MW, at = 19:30 hrs		Khulna	1382	1382	0	Barishal	322	322	0		
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:30 hrs		Rajshahi	1162	1162	0	Rangpur	610	610	0		
08.	Actual Minimum Generation up to 8:00 hrs.	:	7827.00	MW, at = 7:00 hrs		Cumilla	1071	1071	0						
09.	Generation shortfall at evening peak due to :	:								Total	10939	10939	0		
	a) Gas limitation	:	1812	MW						(a) Gas =	155009748	Taka	(c) Coal =	74087717	Taka
	d) Coal supply Limitation	:	170	MW						(b) Oil =	505271819	Taka	Total =	734369284	Taka
	b) Low water level in Kaptai lake	:	155	MW											
	c) Plants under shut down/ maintenance	:	2134	MW											
10.	Total Energy (Generation + India Import)	:	237.01	MKWh	14.	Maximum Temperature in Dhaka was : 30.7° C									
	By Gas = 133.540	MKWh		By Oil = 60.893	MKWh	15.	Export through East-West interconnections :								
	By Coal = 16.010	MKWh		By Hydro = 1.135	MKWh		At evening peak-hour : 324 MW, at 19:30 hrs								
	By Solar= 0.094	MKWh					Maximum : 193 MW, at 24:00								
11.	Total Gas Supplied	:	1048.69	MMCFD			Energy : 0 MKWh								
(D) Forecast of 24.09.20 (Today) Thursday :															
01.	Maximum Demand	:	11400	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)									
02.	Maximum Generation	:	13620	MW (Generation end)	05.	Total Generation : 237.35 MKWh									
03.	Maximum Shortage	:	-2220	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 31.7° C									

*Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation