

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month September, 2021										Day : Saturday		Date : 25.09.21			
Probable Maximum Demand :			13200	MW	Probable Maximum Generation :			14938	MW						
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 106.62		Today = 106.56		Rule Curve = 104.45								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	24.09.21 (Yesterday)		25.09.21 (Today)		24.09.21 (Yesterday)		25.09.21 (Today)		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		
					Day	Evening	Day	Evening					Probable start-up date		
(A) Plants in operation:															
1	Ghorasal Repowered CAPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0		260		Under project work		
2	a) Ghorasal Repowered CAPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180		Under project work		
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190			Gas shortage		
3	Ghorasal 365 MW CAPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	310	310	310	310		126				
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0	108			Gas Shortage		
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0		105		CB Problem		
6	Haripur GTTP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20			Gas Shortage		
7	Haripur 360MW CAPP(HPL)	Gas (IPP)	1x235+1x125	360	360	316	324	325	325	36			Gas Shortage		
8	Meghnaghat 450 MW CAPP(MPL)	Gas (IPP)	2x140+1x170	450	450	280	280	280	280	170			Gas Shortage		
9	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0		115		Under Overhauling		
10	Haripur 412 MW CAPP	Gas (EGCB)	1x273+1x139	412	412	342	391	412	412		21				
11	Siddhirgonj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210			Gas Shortage		
12	Siddhirgonj 335 MW CAPP	Gas (EGCB)	1 x 217+1x118	335	335	308	321	334	335						
13	Meghnaghat CAPP(Summit)	Gas (IPP)	2x110+1x110	305	305	275	265	305	305						
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	50	55	55	55						
15	Keraniganj 100 MW PP (Powerpac)	HFO (ORPP)	8x13.45	100	100	0	62	60	63						
16	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	24	102	100	102						
17	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	12	21	22	22						
18	Summit Power, (Madhab+Ashulia)	Gas (SIPP, REB)	6x3.97+1x1.73	80	80	38	53	53	53						
19	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33						
20	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33						
21	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	33	51	51						
22	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	105	52	100						
23	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	150	149	149						
24	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	54	17	17						
25	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	296	293	250	300						
26	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	115	111	149	149						
27	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300						
28	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100						
29	Aurahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100						
30	Nabaganj 55 MW PP (Southern powe	HFO (IPP)	3x19.3	55	55	17	35	55	55						
31	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	17	55	55	55						
32	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	55	94	94	94						
33	Manikganj 162MW PP(MPL)	HFO (IPP)	9x18	162	162	144	144	162	162						
34	Manikganj 35MW Solar PP (Inspectra	Solar (IPP)	1x35	35	35	31	0	30	0						
Dhaka Zone Total				5717	5560	2713	3344	3636	3960	734	807				
35	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	166	165	165	165		40		Unit 2 under overhauling		
36	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	115	115	115	115	65			Gas Shortage		
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180			Gas Shortage		
37	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	3	0	5	0						
38	Raccon 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	25	25	25						
39	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	13	0	20	0						
40	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	7	50	50	50						
41	Sikalbaha 105 MW PP (Baraka Sikalbi	HFO (IPP)	6x18.415	105	105	75	105	90	90						
42	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		150		Under maint.		
43	Sikalbaha 225 MW CAPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		225		HGPI awaiting for purchase committee approval		
44	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.94	300	300	305	305	300	300						
45	Jaldah 100 MW Unit-1 (Accorn)	HFO (ORPP)	8x13.45	100	100	0	50	100	100						
46	Jaldah 100 MW PP Unit-3 (Accorn)	HFO (IPP)	8x13.45	100	100	76	100	75	100						
47	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	0	68						
48	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0				Environment Issue		
49	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	20	21						
	* Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			20	40	10	30						
50	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	85	85	86						
51	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	37	54	54	54						
52	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	60	110	110	110						
53	Jaldah unit-2 (Accorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100						
54	Chattogram 116 MW PP (Anima Ener	HFO (IPP)	6x21.06	116	116	74	108	116	116						
Chattogram Zone Total				2442	2382	1070	1484	1440	1530	245	415				
55	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	0	0	134			Gas Shortage		
56	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	23	23	23	23						
57	Ashuganj 225 MW CAPP	Gas (APSCL)	1x142+175	221	221	197	206	210	210						
58	Ashuganj 450 MW CAPP(South)	Gas (APSCL)	1x360	360	360	280	280	300	300						
59	Ashuganj 450 MW CAPP(North)	Gas (APSCL)	1x360	360	360	280	280	300	300						
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	30	50	55	55						
61	Ashuganj 198MW PP (APSCL-United)	Gas (IPP)	20'9.73+1'16	195	195	8	8	26	26	187			Gas shortage		
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43						
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	120	132	135	135						
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	50	0	50						
65	Chandpur 150 MW CAPP	Gas (PDB)	1X106+1x57	163	163	141	139	140	140						
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	89	182	200	200						
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22						
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11						
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33						
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	7	52	52	52						
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	8	20	20	20						
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	19x11.44+4x13.15+15x1.098	200	200	0	0	150	200						
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	0	114	114	114						
74	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	47	94	90	94						
75	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	17	35	17	17						
**	Impoort (Tripura)	India		160	160	112	132	138	164						
Cumilla Zone Total				3094	3034	1465	1906	2079	2209	585	0				
76	RPCL 210MW CAPP	Gas (IPP)	4x35+1x70	210	202	138	189	204	204	13			Gas Shortage		
77	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22						
78	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	0	8	8				Dependable cap. :8MW		
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	102	115	115	115						
80	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	40	179	175	180						
81	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	3	0	1.6	0						
82	Sutikhal 50 MW Solar PP	Solar (IPP)	1x50	50	50	57	0	50	0						
83	Tangail 22 MW PP(PPLGL)	HFO (IPP)	4x6.7	22	22	0	22	22	22						
Mymensingh Zone Total				717	709	359	524	598	551	13	0				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.09.21 (Yesterday)		25.09.21 (Today)		24.09.21 (Yesterday)		25.09.21 (Yesterday)		Status of Machines under shut-down/ Maintenance					
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)		Description/ Remarks	Probable start-up date				
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW									
84	Fenchugon CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	43	43	44			27		GT1 Load gear problem					
85	Fenchugon CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	0	0	0	0			90		Under maint.					
86	Fenchugon 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	43	50	51	51										
87	Kushnara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	110	163	163										
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11										
89	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	0	0	30	30	66				Gas Shortage					
90	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	15	161	160	160	169				Gas Shortage					
91	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	77	78	75	78										
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	220	220	220	220										
93	Sylhet 20 MW GTTP	Gas (PDB)	1 x 20	20	20	0	18	18	18	2				Gas Shortage					
94	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	0	0	0	0										
95	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	23	24	24										
96	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	280	341	341										
97	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	316	316	316	316										
98	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	320	300	320	320										
99	Shahjibazar 100 MW GTTP	Gas (PDB)	1x100	100	100	0	0	0	0			100		Under project work					
Sylhet Zone Total				2422	2377	1513	1610	1772	1776	237	117								
100	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0										
101	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	370	355	400	410										
102	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	25	0	32					Line Overload					
103	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	40					Line Overload					
104	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	120	225	225	225										
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	100										
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	20	89	88	88										
107	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100					Line Overload					
**	Bheramara (HVDC)	India		1000	1000	711	711	727	727										
Khulna Zone Total				2133	2129	1221	1405	1590	1722	0	0								
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	110	110					Line Overload					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	22	34	33	33										
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	87	87	87	87			107		Arrival of GT2 HGPI experts delayed due to covid 19					
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	0	21	81	81										
112	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	260	530	622	622			714		Line Overload					
113	Potuahali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	17	0	150										
114	Bhola 220MW CCPP (Nutan Bidyut BL	Gas/HSD (IPP)	2x75+1x70	220	220	120	217	220	220										
Barishal Zone Total				2046	2046	489	906	1153	1303	0	821								
115	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71				Gas Shortage					
116	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100				Gas Shortage					
117	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50										
118	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200										
119	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	34	34	36										
120	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	27	27	27										
121	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	91	90	94										
122	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	0	35										
123	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	43	0	43										
124	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	0	33										
125	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210				Gas Shortage					
126	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	179	184	200	220	36				Gas Shortage					
127	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	189	189	200	220										
128	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	378	397	400	400										
129	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	21	22	22										
130	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11										
131	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	52	52	52										
132	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	70	113	113	113										
133	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	54	94	113	113										
134	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	5	0	6	0										
Rajshahi Zone Total				2179	2179	906	1368	1518	1669	417	0								
135	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	80	79	80	80	6				Coal Shortage					
136	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0			85		Under Overhauling					
137	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	0	0	0	0			274		Under maint.					
138	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	15										
139	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	52	70	113	113										
140	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	10										
141	Majpara, Tabala 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	7	0	8	0										
Rangpur Zone Total				685	605	139	149	201	218	6	359								
Sub-total: Plants in operation				21435	21021	9875.0	12696	13987	14938	2237	2519								
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss						9424	12116	13348	14256										
(B) Plants under long term maintenance/ contract expired																			
142	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0										
143	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0										
144	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	0	0	0	0	0					Contract Expired					
145	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0										
146	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0					Contract Expired on 12/11/2020					
147	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	0	0	0	0	0					Contract Expired on 07/05/2021					
148	Khulna 115 MW PP (KPCL-2)	HFO (QRPP)	7x17	115	0	0	0	0	0					Contract Expired on 31/05/2021					
Sub-Total: Plants under long term maintenance/ contract expired				596	159	0	0	0	0										
Gross Total				22031	21180	9875	12696	13987	14938	2237	2519								
(C) Actual data of 24.09.21 (Yesterday) Friday :																			
01.	Max. Demand at eve. peak (Generation end)	:	12696.00	MW, at =	21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :												
02.	Max. Demand at eve. peak (Sub-station end)	:	12116.00	MW, at =	21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed						
03.	Highest Generation (Generation end)	:	12762.00	MW, at =	22:00 hrs		MW	MW	MW		MW	MW	MW						
04.	Minimum Generation (Generation end)	:	9117.00	MW, at =	8:00 hrs	Dhaka	4125	4125	0	Mymensingh	1050	1050	0						
05.	Day-peak Generation (Generation end)	:	9875.00	MW, at =	12:00 hrs	Chattoogram	1262	1262	0	Sylhet	567	567	0						
06.	Evening-peak Generation (Generation end)	:	12696.00	MW, at =	21:00 hrs	Khulna	1518	1518	0	Rajshahi	387	387	0						
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	21:00 hrs	Rajshahi	1311	1311	0	Rangpur	645	645	0						
08.	Minimum Generation Forecast up to 8:00 hrs.	:	9880.00	MW, at =	5:00 hrs	Cumilla	1251	1251	0										
09.	Generation shortfall at evening peak due to :	:																	
a)	Gas limitation	:	2231	MW		13.	Fuel cost :	(a) Gas = 148120042 Taka	(c) Coal = 60085425 Taka										
d)	Coal supply Limitation	:	6	MW			(b) Oil = 588761201 Taka	Total = 796966669 Taka											
b)	Low water level in Kaplai lake	:	0	MW															
c)	Plants under shut down/ maintenance	:	2519	MW		14.	Maximum Temperature in Dhaka was :	35.7° C											
10.	Total Energy (Generation + India Import)	:	264.51	MKWh		15.	Export through East-West interconnections :												
	By Gas = 145.853 MKWH			By Oil = 80.640 MKWh			At evening peak-hour	:	-210	MW, at	21:00 hrs								
	By Coal = 12.975 MKWH			By Hydro = 3.948 MKWh			Maximum	:	-270	MW, at	1								