



Power Grid Company of Bangladesh Ltd.

QF-LDC-07

Report on Forecasted Generation & Demand of national grid or 11-Sep-21 Saturday

Date (day): 11-Sep-21 Saturday															
Probable Maximum			Generation :		(a) At Day Peak Hour :		13517.6		MW		(b) At Evening Peak Hour :			14324 MW	
Sl. No.	Name of the Power Station	Fuel	Producer	Installed Capacity		Present Capacity	Actual Generation		Forecasted Available Gen. on		Ev. Peak Gen.Shortage		Plants under Shut down (date)/Remarks	Probable Start up Date	
							On	10-Sep-21	11-Sep-21	during	for Fuel	for plant. S/D			
				Day Peak	Ev. Peak		Day Peak	Ev. Peak	Limitation	M/C Problem					
				Unit No. X Capacity	MW	MW	MW	MW	MW	MW	MW	MW			
1	Ghorasal Repowered CCPP:Unit-3 (	Gas	PDB	1*260	260	260	0	0	0	0		260	Under maint.	16-Aug-21	
2	Ghorasal Repowered CCPP Unit-4	Gas	PDB	1*210	210	180	0	0	0	0		180	Under maint.		
	Ghorasal TPP Unit-5	Gas	PDB	1*210	210	190	0	0	0	0	190	Gas shortage			
3	Ghorasal 365 MW CCPP Unit-7	Gas	PDB	1*243+1*122	365	365	203	203	203	203		162	ST under maint		
	Ghorashal 78.5 MW PP (MAX)	Gas	QRPP	2*40	0	0	0	0	0	0			Contract Expired		
4	Ghorashal 108MW PP (Regent)	Gas	IPP	34*3.35	108	108	0	0	0	0	108		Gas shortage		
5	Haripur GTPP	Gas	SBU, PDB	2*32	32	20	0	0	0	0		20	Under maint.		
6	Haripur 412 MW CCPP	Gas	EGCB	1*273+1*139	412	412	338	374	350	390	22		Gas shortage	2-Sep-21	
7	Haripur 360MW CCPP(HPL)	Gas	IPP	1*235+1*125	360	360	286	290	290	300	60		Gas shortage		
8	Meghnaghat 450 MW CCPP(MPL)	Gas	IPP	2*150+1*150	450	450	280	280	280	280	170		Dirty Gas		
9	Meghnaghat 100 MW (IEL)	HFO	QRPP	12*8.9	100	0	0	0	0	0			Contract Expired		
10	Meghnaghat CCPP(Summit)	Gas	IPP	2*110+1*110	305	305	255	290	305	305			FGMO		
11	Madanganj 102 PP(Summit)	HFO	QRPP	6*17	102	0	0	0	0	0			Contract Expired		
12	Madanganj-55 MW PP(Summit)	HFO	(IPP)	3*17.08+1*11.3	55	55	40	40	55	55					
13	Keraniganj 100 MW PP (Powerpac)	HFO	QRPP	8*13.45	100	100	2	76	77	77		23	Engine problem		
14	Narshingdi 22 MW PP (Doreen)	Gas	SIPP, REB	8*2.90	22	22	0	19	22	22					
15	210 MW Siddhirgonj TPP	Gas	PDB	1*210	210	115	0	0	0	0		115	Under maint.		
16	Siddhirgonj 2*120 MW GTPP	Gas	EGCB	2*105	210	210	0	0	0	0	210		Gas shortage		
17	Siddhirganj 100 PP(Dutch Bangla)	HFO	QRPP	12*8.9	100	0	0	0	0	0			Contract Expired		
18	Siddhirganj 335 MW CCPP	Gas	EGCB	1*217+118	335	335	300	300	300	300					
19	Gagnagar 102 MW PP (Digital Power)	HFO	IPP	12*8.924	102	102	24	102	102	102					
20	Katpotti 52 MW PP (Sinha)	HFO	IPP	7*7.9	51	51	0	0	0	0	51		Fuel shortage		
21	Kamalaghat 54 MW PP(Banco Ener)	HFO	IPP	3*18	54	54	54	54	54	54					
22	Kodda 150MW PP	HFO	BPDB-RPCL	9*17.06	149	149	16	150	149	149					
23	Manikganj 55 MW PP (Northern)	HFO	IPP	3*19.3	55	55	55	55	55	55					
24	Nababganj 55 MW PP (Southern power)	HFO	IPP	3*19.3	55	55	17	17	55	55					
25	Bosila 108MW PP(CLC)	HFO	IPP	12*8.775+1*3.5	108	108	0	0	0	0	108		Fuel shortage		
26	Summit Power,(Madhabdi+Ashulia)	Gas	SIPP,REB	3*3.67+4*8.73	80	80	39	53	55	55		25	Engine problem		
27	Maona 33 MW PP(Summit)	Gas	SIPP,REB	4*8.73	33	33	25	25	33	33					
28	Rupganj 33 MW PP(Summit)	Gas	SIPP,REB	4*8.73	33	33	33	25	33	33					
29	Gazipur 52 MW PP	HFO	IPP	6*8.9	52	52	17	51	25	51					
30	Tongi 80 MW GTPP	Gas	PDB	1* 105	105	105	0	0	0	0		105	Under maint.		
31	Kodda 300 MW PP Unit-2 (Summit)	HFO	IPP	18*17.076	300	300	62	298	300	300					
32	Keranigonj 300 MW PP (APR)	HSD	IPP	256*1.4	300	300	0	77	100	300					
33	Bramhangoan 100 MW PP (Aggreko)	HSD	IPP	100	100	100	0	0	100	100					
34	Aurahati 100MW PP (Aggreko)	HSD	IPP	0.85*23+0.95*91	100	100	0	0	50	100					
35	Kodda 149 MW PP Unit-1 (Summit)	HFO	IPP	149	149	149	105	142	149	149					
36	Gazipur 100 MW PP	HFO	RPCL	100 MW	105	105	30	71	70	90		15	Engine problem	31-Aug-21	
37	Meghnaghat 104 MW PP (OPCL)	HFO	IPP	18.5*6	104	104	94	92	94	94		10	Engine problem		
38	Manikgonj 162MW PP(MPGL)	HFO	IPP	9*18	162	162	162	162	162	162					
39	Spectra Solar Plant Ltd.	Solar	IPP	35	35	35	28	0	30	0					
Dhaka area Total					6178	5719	2465	3246	3498	3814	919	915			
40	Chattogram TPP-1	Gas	PDB	1*210	210	180	0	0	0	0	80		Gas shortage		
	Chattogram TPP-2	Gas	PDB	1*210	210	180	120	120	120	120	60		Gas shortage		
41	Raozan 25 MW PP	HFO	IPP	3*8.9	25	25	0	25	25	25					
42	Teknaf 20MW PP (Solartech)	Solar	Solartech Ener	20	20	20	12	0	20	0					
43	Patenga 50MW PP (Baraka)	HFO	IPP	8*6.98	50	50	7	50	50	50					
44	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro	PDB	2*40+3*50	230	230	162	163	158	158	72		Low water level & Unit-3 S/D		
45	Sikalbaha 225MW CCPP	Gas/HSD	PDB	1*150+1*175	225	225	0	0	0	0		225	Under maint		
46	Sikalbaha Peaking GT	Gas/HSD	PDB	1*150	150	150	0	0	0	0		150	Under maint	11-Aug-21	
47	Sikalbaha 105 MW PP (Baraka Sika)	HFO	IPP	105 MW	105	105	88	89	88	88		17	Engine problem		
48	Hathazari 100 MW peaking PP	HFO	PDB	11*8.9	98	98	0	0	0	0		98	Under S/D.		
49	Dohazari -Kalaish 100 MW Peaking	HFO	PDB	6*17	102	102	0	74	85	85		17	Engine problem		
50	Juldah 100 MW Unit-1 (Acorn)	HFO	QRPP	8*13.45	100	100	65	100	100	100					
51	Juldah 100 MW PP Unit-3 (Acorn)	HFO	IPP	0	100	100	100	100	100	100					
52	Barabkunda 22 MW PP (Regent)	Gas	SIPP, PDB	8*2.90	22	22	20	20	20	20					
*	Malancha, Ctg. EPZ (United)	Gas		5*8.73+3*9.34	0	27	42	15	30						
53	Chattogram 108 MW PP (ECPV)	HFO	IPP	16*7	108	108	0	0	0	0	108		Fuel shortage		
54	Kaptai 7 MW Solar PP	Solar	PDB	7.4 MW	7	7	4	0	5	0					
55	Anwara 300 MW PP (United)	HFO	IPP	300 MW	300	300	107	287	300	300					
56	Jodiac Power	HFO	IPP	3*18.55+1*3.6	54	54	18	54	54	54					
57	Karnaphuli Power Ltd.	HFO	IPP	110	110	110	93	110	110	110					
58	Juldah unit-2 (Acorn)	HFO	IPP	8*13.6	100	100	100	100	100	100					
59	Anlima Energy Ltd.	HFO	IPP	6*21.2	116	116	95	114	116	116					
Chattogram area Total					2442	2382	1018	1448	1466	1456	320	507			
60	Ashuganj TPP Unit- 3	Gas	APSCL	1*150	150	135	0	0	0	0	135		Gas shortage		
	Ashuganj TPP Unit- 4	Gas	APSCL	1*150	150	129	0	0	0	0	129		Gas shortage		
	Ashuganj TPP Unit- 5	Gas	APSCL	1*150	150	134	0	0	0	0	134		Gas shortage		
61	Ashuganj 225 MW CCPP	Gas	APSCL	1*142+1*75	221	221	209	205	210	210					
62	Ashuganj 450 MW CCPP(North)	Gas	APSCL	1*360	360	360	270	300	300	300	60		Gas shortage		
63	Ashuganj 450 MW CCPP(South)	Gas	APSCL	1*360	360	360	300	300	300	300	60		Gas shortage		
64	Ashuganj 50 MW PP	Gas	APSCL	14*3.968	53	45	23	23	23	23		22	Engine problem	15-Oct-21	
65	Ashuganj 55 MW PP (Precision)	Gas	RPP	15*4	55	55	26	47	24	40					

Probable Maximum		Generation :		(a) At Day Peak Hour : 13517.6		MW		(b) At Evening Peak Hour : 14324		MW					
Sl. No.	Name of the Power Station	Fuel	Producer	Installed Capacity		Present Capacity	Actual Generation		Forecasted Available Gen. on		Ev. Peak Gen.Shortage		Plants under	Probable	
							On	10-Sep-21	11-Sep-21	during	for Fuel	for plant. S/D	Shut down (date)/	Start up	
				Unit No. X Capacity	MW	MW	Day Peak	Ev. Peak	Day Peak	Ev. Peak	Limitation	M/C Problem	Remarks	Date	
							MW	MW	MW	MW		MW			
90	Fenchugonj CCPP Phase-2	Gas	PDB	2*35+1*35	104	90	41	20	41	41		49	Machine problem.		
91	Kushiara 163 MW CCPP (KP)	Gas	IPP	1*109+1*54	163	163	163	163	163	163					
92	Shajibazar 330 MW CCPP	Gas	PDB	3*110	330	330	157	157	160	160	170		Gas shortage		
93	Fenchugonj 51 MW PP (Barakatulla	Gas	RPP	19*2.90	51	51	22	25	25	25		26	Engine problem		
	Fenchuganj 44MW (Energyprima)	Gas	RPP	12*3.3+5*2	0	0	0	0	0	0			Contract Expired		
94	Hobiganj 11MW PP Cofidence-E	Gas	SIPP, REB	4*2.90	11	11	11	11	11	11					
95	Shahjibazar GTPP Unit- 8 & 9	Gas	PDB	2*35	70	66	0	0	0	0	66		Gas shortage		
96	Shahjibazar 86MW PP (Shahjibazar	Gas	RPP	32*2.90	86	86	20	80	80	84					
97	Shahjibazar 100 MW GTPP	Gas	PDB	1*100	100	100	0	0	0	0		100	Under maint	3-Nov-21	
98	Sylhet 225 MW CCPP	Gas	PDB	1*142+1*89	231	231	222	186	225	225					
99	Sylhet 20 MW GTPP	Gas	PDB	1*20	20	20	0	0	18	18					
	Sylhet 50MW PP (EPL)	Gas	RPP	27*2	0	0	0	0	0	0			Contract Expired		
100	Shahjahanulla 25 MW PP	Gas	SIPP, REB	3*9.34	25	25	21	23	24	24					
101	Bibiana-II 341 MW CCPP (Summit)	Gas	IPP	1*222+1*119	341	341	305	300	341	341			FGMO		
102	Bibiyana-III 400 MW CCPP	Gas	PDB	400 MW	400	400	316	315	315	315					
103	Sylhet 10MW PP (Desh)	Gas	RPP	6*1.95	10	10	0	0	0	0	10		Gas shortage		
104	Bibiyana South 400 MW	Gas	PDB	400 MW	383	383	326	325	325	325	58		Gas shortage		
Sylhet Area Total					2422	2377	1634	1635	1758	1762	304	215			
105	Bheramara GTPP Unit-3	HSD	PDB	1*20	20	16	0	0	0	0					
**	Bheramara (HVDC)	0	Imported power	2*500	1000	1000	701	700	713	711					
106	Khulna 115 PP MW (KPCL-2)	HFO	QRPP	7*17	115	0	0	0	0	0			Contract Expired		
107	Faridpur 50 MW Peaking PP	HFO	PDB	8*6.89	54	54	0	20	0	22		32	Engine problem		
108	Khulna 225 MW CCPP	HSD	NWPGCL	1*150+1*75	230	230	120	225	120	225					
109	Gopalganj 100 MW Peaking PP	HFO	PDB	16*6.98	109	109	0	0	0	40		69	Engine problem		
110	Bheramara 410 MW CCPP	Gas	NWPGCL	1*278+1*132	410	410	240	230	230	230	180		Gas shortage		
	Noapara 40 MW PP (Khanjahan Ali)	HFO	QRPP	5*8.5	0	0	0	0	0	0			Contract Expired		
111	Noapara 100 MW PP (Bangla Trac)	HSD	IPP	70*1.4	100	100	0	100	50	100					
112	Rupsha 105 MW PP (Orion rupsha)	HFO	IPP	6*18.445	105	105	30	105	88	88		17	Engine problem	31-Aug-21	
113	Madhumati 100 MW PP	HFO	NWPGCL	100 MW	105	105	0	97	100	100					
Khulna Area Total					2248	2129	1091	1477	1301	1516	180	118			
114	Barisal 110 MW PP (Summit)	HFO	IPP	7*17.076	110	110	0	0	110	110					
115	Bhola 33 MW PP (Venture)	Gas	RPP	1*34.50	33	33	27	34	33	33					
116	Bhola 225 MW CCPP	Gas	PDB	2*63+1*68	194	194	65	65	65	65		129	Machine problem.		
117	Bhola 95 MW PP (Aggreko)	Gas	QRPP	96*1.10	95	95	12	21	25	25					
118	Payra 1320 MW	Coal	BCPCL	2*622	1244	1244	390	460	622	622					
119	Bhola Nutan Biddut BD LTD	Gas	IPP	220	220	220	216	219	220	220					
120	United Payra Power Ltd.	HFO	IPP	8*18.5+1*9.5	150	150	0	35	150	150					
Barisal Area Total					2046	2046	710	834	1225	1225	0	129			
121	Baghabari 71 MW GTPP	Gas	PDB	1*71	71	71	0	0	0	0	70		Gas shortage		
	Baghabari 100 MW GTPP	Gas	PDB	1*100	100	100	0	0	0	0	100		Gas shortage		
122	Baghabari 50 MW Peaking PP	HFO	PDB	6*8.9	52	52	0	50	50	50					
123	Bera 70 MW Peaking PP	HFO	PDB	9*8.29	71	71	0	35	40	40		31	Engine problem		
124	Amnura 50 MW PP(Sinha)	HFO	QRPP	7*7.79	50	50	0	0	0	0	50		Fuel shortage		
125	Katakhali 50 MW PP (Northern)	HFO	QRPP	6*8.9	50	50	0	43	50	50					
126	Katakhali 50 MW Peaking PP	HFO	PDB	6*8.7	50	50	0	37	30	40		10	Engine problem		
127	Sirajgonj 225MW CCPP Unit-1	Gas/HSD	NWPGCL	1*150+1*75	210	210	0	0	0	0	210		Gas shortage		
128	Sirajgonj 225MW CCPP Unit-2	Gas/HSD	NWPGCL	1*150+1*75	220	220	132	132	200	200	20		Gas shortage		
129	Sirajgonj 225MW CCPP Unit-3	Gas/HSD	NWPGCL	1*141	220	220	187	181	185	185	35		Gas shortage		
130	Sirajgonj 400 MW CCPP Unit-4	Gas/HSD	SNWPGCL	1*282+1*132	414	414	378	414	400	410					
131	Santahar 50 MW Peaking PP	HFO	PDB	6*8.7	50	50	0	18	0	20		30	Engine problem	15-09-2021	
132	Bogra 22 MW PP (GBB)	Gas	RPP	6*4	22	22	16	18	22	22					
133	Bogura 20 MW PP (Energyprima)	Gas	RPP	5*3.3+5*2	20	0	0	0	0	0			Contract Expired		
134	Ullapara 11 MW PP (Summit)	Gas	SIPP, REB	4*2.90	11	11	11	11	11	11					
135	Natore 52 MW PP (Rajlanka)	HFO	IPP	52	52	52	8	8	8	8	44		Fuel shortage		
136	Chapainawabganj 100 MW Peaking	HFO	PDB	104	104	104	0	92	85	92		12	Engine problem		
137	Baghabari 200 MW PP (Paramount)	HSD	IPP	200 MW	200	200	0	0	200	200					
138	Bagura 113 MW PP (Confidence)-2	HFO	IPP	113 MW	113	113	94	94	113	113					
139	Confidence Power Bogura Unit-1 11	HFO	IPP	6*18.55	113	113	95	113	113	113					
140	Sirajgonj 6.55 MW Solar	Solar	NWPGCL	1*6	6	6	2	0	6	0					
Rajshahi Area Total					2199	2179	923	1246	1513	1554	529	83			
141	Barapukuria TPP Unit-1	Coal	PDB	1*125	125	85	0	0	0	0		85	Under maint.	5/11/2021	
	Barapukuria TPP Unit-2	Coal	PDB	1*125	125	85	0	0	0	0		85	Under maint.		
142	Barapukuria 275 MW TPP Unit-3	Coal	PDB	1*275	274	274	155	155	154	155	119		Coal Shortage		
143	Rangpur 20 MW GTPP	HSD	PDB	1*20	20	20	0	0	0	15		5	Engine problem		
144	Saidpur 20 MW GTPP	HSD	PDB	1*20	20	20	0	0	0	10		10	Engine problem		
145	Rangpur 113 MW PP (Confidence)	HFO	IPP	113 MW	113	113	60	113	113	113					
146	Sympa Solar Power 8MW	Solar	IPP	8 MW	8	8	7	0	8	0					
Rangpur Area Total					685	605	222	268	275	293	119	185			
Total					22031	21180	10074.0	12581.0	13518	14324	3118	2378			
Usable load at Substation end after deducting Auxiliary use & Transmission loss							9557.5	11936.0	12825	13590					
A.	10-Sep-21 (Yesterday)				Friday										
1	Highest Generation :	12750.0 MW at 22:00 hrs				11 Evening Peak Hour :								21:00 hrs.	
2	Minimum Generation :	9309.0 MW at 8:00 hrs				12 Max. Demand (Generation end) at evening peak hour :								12581.0 MW	
3	Day peak Generation :	10074.0 MW at 12:00 hrs				13 Max. Demand (Substation end) at evening peak hour :								11936 MW	
4	Evening peak Generation :	12581.0 MW at 21:00 hrs				14 Load Shed (Substation end) at evening peak hour :								0 MW	
5	Total Energy Generation :	266.767 MKW Hr				15. Area wise Demand (S/S end), Supply (S/S end) & Load Shed (S/S end) at Evening peak hour in MW :								16 Hourly Load Shed during	
	By Gas 139.7329 MKW Hr	By Oil: 86.766 MKW Hr				Evening Peak hours :								Time	
	By Coal : 15.922 MKW Hr	By Hydro: 3.789 MKW Hr				Area	Demand	Supply	Loadshed						
6	Generation Shortfall :	For Fuel Limitation = 3118 MW				Dhaka	4059	4059	0						