

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month September, 2021						Day : Friday				Date : 03.09.21					
Probable Maximum Demand : 12300 MW						Probable Maximum Generation : 14311 MW									
Water Level of Kaptai Lake at 06:00 AM						Yesterday = 100.05 ft				Today = 100.07 ft				Rule Curve = 99.46 ft.	
Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	02.09.21 (Yesterday)		03.09.21 (Today)		02.09.21 (Yesterday)		03.09.21 (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	Probable start-up date
(A) Plants in operation:															
1	Ghorasal Repowered CCPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0			260	Under maint.		
2	a) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0			180	Under Repowering		
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190			Gas shortage		
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	310	310	310	310						
4	Ghorashal 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 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	137	163	200	200	197			Gas Shortage		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	320	320	320	320	130			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 CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0		412		Under maint.		
11	Siddhirgonj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	92	92	100	100	118			Gas Shortage		
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	1	327	335	335						
13	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	290	290	290	300						
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	41	41	41	41						
15	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	10	10	50	65						
16	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	102	102	100	102						
17	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22						
18	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	50	53	55	55						
19	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33						
20	Rupganj 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	25	51	25	52						
22	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	52	90	90	100						
23	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	32	133	32	115						
24	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0						
25	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	54	54	54						
26	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	281	300	300	300						
27	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	122	149	116	149						
28	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	305	234	100	300						
29	Bramhangaoan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	98	99	100	100						
30	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	97	102	50	100						
31	Nababganj 55 MW PP (Southern powe	HFO (IPP)	3x19.3	55	55	55	55	55	55						
32	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55						
33	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0						
34	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	94	93	95	95						
35	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	162	162	162	162						
36	Manikgonj 35MW Solar PP (Inspectra :)	Solar (IPP)	1x35	35	35	35	0	30	0						
Dhaka Zone Total				5876	5719	2886	3370	3153	3553	763	1072				
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	129	150	150	150	80		Low Water Level			
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	120	105	120	120						
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5	0	5	0						
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	25	25	25	25						
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	12	0	20	0						
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	47	50	50	50						
43	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	72	89	105	105						
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		150	Under maint.			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		225	Under maint.			
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	249	198	300	300						
47	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	80	100	100	100						
48	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	80	100	100	100						
49	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	51	85	68	85						
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			Environment Issue			
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	20	20						
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			7	11	25	40						
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	12	12	12	80						
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	36	54	54	54						
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	96	95	110	110						
55	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	50	100	80	100						
56	Chattogram 116 MW PP (Anlima Energy)	HFO (IPP)	6x21.06	116	116	100	97	116	116						
Chattogram Zone Total				2442	2382	1192	1292	1460	1555	260	375				
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	70	70	70	70	64		Gas Shortage			
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	5	23	23	23						
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	213	211	210	210						
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	230	320	330	360						
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	370	340	330	360						
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	30	35	35						
63	Ashuganj 195MW PP (APSCL-United)	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	25	35	35	35						
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	125	80	135	140						
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	50	50	50	50						
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	133	140	140	140						
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	180	182	200	200						
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22						
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11						
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	25	25						
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	34	43	43	43						
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	14	20	20	20						
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	99x1.4+40x1.515+15x1.056	200	200	100	100	100	200						
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	52	100	114	114						
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	92	98	98	98						
77	Bhairob 54 MW PP	HFO (IPP)	3x18.2	54	54	17	17	17	17						
**	Impoport (Tripura)	India		160											

(C)	Actual data of 02.09.21 (Yesterday) Thursday :													
01.	Max. Demand at eve. peak (Generation end)	:	12964.00	MW, at =	19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand at eve. peak (Sub-station end)	:	12388.00	MW, at =	19:30 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12964.00	MW, at =	19:30 hrs			MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	9850.00	MW, at =	8:00 hrs			Dhaka	4430	4430	0	Mymensingh	930	930
05.	Day-peak Generation (Generation end)	:	11166.00	MW, at =	12:00 hrs	Chattogram		1313	1313	0	Sylhet	551	551	0
06.	Evening-peak Generation (Generation end)	:	12964.00	MW, at =	19:30 hrs	Khulna	1573	1573	0	Barishal	380	380	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs	Rajshahi	1234	1234	0	Rangpur	747	747	0	
08.	Minimum Generation Forecast up to 8:00 hrs.	:	9181.00	MW, at =	5:00 hrs	Cumilla	1230	1230	0					
09.	Generation shortfall at evening peak due to :	:				13.	Fuel cost :			Total	12388	12388	0	
a) Gas limitation	:	1869	MW		(a) Gas =			142393061 Taka	(c) Coal =	74945289	Taka			
d) Coal supply Limitation	:	206	MW		(b) Oil =			788046291 Taka	Total =	1005384641	Taka			
b) Low water level in Kaptai lake	:	80	MW											
c) Plants under shut down/ maintenance	:	2896	MW											
10.	Total Energy (Generation + India Import)	:	275.34	MKWh		14.	Maximum Temperature in Dhaka was : 34.5° C							
	By Gas = 138.512 MKWH		By Oil =	96.582 MKWh		15.	Export through East-West interconnections :							
	By Coal = 16.181 MKWH		By Hydro =	3.242 MKWh			At evening peak-hour : -206 MW, at 19:30 hrs							
	By Solar= 0.593 MKWH						Maximum : -425 MW, at 2:00 hrs							
							Energy : 2.3145 MKWh							
11.	Total Gas Supplied	:	1100.06	MMCFD										

(D)	Forecast of 03.09.21 (Today) Friday :												
01.	Maximum Demand	:	12300	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14311	MW	(Generation end)	05.	Total Generation	:	261.24	MKWh			
03.	Maximum Shortage	:	-2011	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 34.0° C						