

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month August, 2021						Day : Saturday				Date : 28.08.21					
Probable Maximum Demand : 13000 MW						Probable Maximum Generation : 14448 MW									
Water Level of Kaptai Lake at 06:00 AM						Yesterday = 94.77 ft		Today = 95.34 ft.		Rule Curve = 97.68 ft.					
Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.08.21 (Yesterday)		28.08.21 (Today)		27.08.21 (Yesterday)		28.08.21 (Today)		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)				
(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	300	300	300	300						
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	172	248	250	250	112				Gas Shortage	
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	270	270	270	270	180				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	353	393	412	412	19				Gas Shortage	
11	Siddhirgonj 2*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	280	310	335	335						
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	0	0						
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	260	285	300	300						
15	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	33	40	40	40						
16	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	65	86	86						
17	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	40	102	100	102						
18	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	0	22	22						
19	Summit Power.(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	42	51	47	47						
20	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	28	28	33	33						
21	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	24	33	33	33						
22	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	51	52	52						
23	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	96	105	105						
24	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	64	150	150						
25	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0						
26	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	54	54	54						
27	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	30	300	300	300						
28	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	106	149	149	149						
29	Keranigonj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300						
30	Bramhangoan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100						
31	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100						
32	Nababganj 55 MW PP (Southern powe	HFO (IPP)	3x19.3	55	55	17	55	55	55						
33	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	35	55	55	55						
34	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0						
35	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	74	94	90	95						
36	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	162	162	162	162						
37	Manikgonj 35MW Solar PP (Inspectra :)	Solar (IPP)	1x35	35	35	32	0	30	0						
Dhaka Zone Total				5976	5819	2312	3205	3680	3907	839	660				
38	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	126	126	123	123	104				Low Water Level	
39	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	120	120	120						
40	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	3	0	5	0						
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	17	25	25						
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	16	0	20	0						
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	50	47	50	50						
44	Sikalbaha 105 MW PP (Baraka Sikalb	HFO (IPP)	6x18.415	105	105	105	105	105	105						
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0			150		Under maint.	
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0			225		Under maint.	
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	52	161	300	300						
48	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	88	100	100						
49	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	78	100	100	100						
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	67	85	85						
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0						
52	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	21						
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			26	42	10	20						
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	0	0						
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	102	110	110	110						
56	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	40	100	100	100						
57	Chattogram 116 MW PP (Anlima Enerç	HFO (IPP)	6x21.06	116	116	114	114	116	116						
Chattogram Zone Total				2442	2382	852	1217	1443	1429	284	375				
58	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	100	100	80	80	34				Gas Shortage	
59	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	13	23	23	23	22				Gas Shortage	
60	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	183	187	215	215						
61	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	305	310	330	360						
62	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0			360		Under maint.	
63	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	45	54	55	55						
64	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20*9.73+1*16	195	195	63	73	55	55	122				Gas shortage	
65	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	35	35	35	35						
66	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	70	127	132	138						
67	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	50	50						
68	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	138	137	140	140						
69	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	107	200	200	200						
70	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22						
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11						
72	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	33	33						
73	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	43	43	43						
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	20	21						
75	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	99x1.4+40x1.515+15x1.056	200	200	0	0	100	200						
76	Feni														

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.08.21 (Yesterday)		28.08.21 (Today)		27.08.21 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
						Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
87	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	44	44	44	44		26	Under maint.	
88	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	42	42	42	42		48	Under maint.	
89	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
90	Kushiara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
91	Hobiganj 11MW PP Cofidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	8	11	11				
92	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	0	0	0	0	66		Gas Shortage	
93	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	232	233	235	235				
94	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	83	83	84	84				
95	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	43	225	225	225				
96	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18				
97	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
98	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	24				
99	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	320	341	341				
100	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	317	395	400	400				
101	Bibiyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	350	350	350	350				
102	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0				
Sylhet Zone Total				2422	2377	1671	1968	1998	1998	66	74		
103	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
104	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	340	295	300	330	115		Gas Shortage	
105	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	25				
106	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
107	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	158				
108	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	100	50	100				
109	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	37	105	105	105				
110	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	696	698	712	712				
Khulna Zone Total				2133	2129	1073	1198	1267	1590	115	0		
111	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	110	110				
112	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	24	34	33	33				
113	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	88	88	88	88		106	Under maint.	
114	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	11	11	12	12				
115	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	380	560	622	622				
116	Potuakhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	2	150	150				
117	Bhola 220MW CCPP (Nutan Bidyut BC	Gas/HSD (IPP)	2x75+1x70	220	220	180	217	220	220				
Barishal Zone Total				2046	2046	683	912	1235	1235	0	106		
118	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	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	
119	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	50	50				
120	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
121	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	8	12	0	40				
122	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
123	Chapainawabganj 100 MW Peaking PF	HFO (PDB)	12x8.924	104	104	0	94	95	95				
124	Katakhali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	30	30	31				
125	Katakhali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	0	0				
126	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	24	0	23				
127	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	120	144	130	130			Gas Shortage,STG S/D	
128	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	0	0	0	0				
129	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	206	191	220	220				
130	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	390	418	400	400				
131	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
132	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
133	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	52	52	52	52				
134	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	113	113	113	113				
135	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	94	94	113	113				
136	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	4	0	6	0				
Rajshahi Zone Total				2179	2179	1017	1255	1442	1500	171	0		
137	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
138	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	152	152	155	155	122		Coal Shortage	
139	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
140	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	113	113	113				
141	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	10				
142	Majipara, Tatula 8 MW Solar PP (Sympa Power	Solar (IPP)	1 x 8	8	8	1	0	8	0				
Rangpur Zone Total				685	605	153	265	276	288	292	0		
Sub-total: Plants in operation				21694	21280	9423.0	12120	13705	14448	2291	1575		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9016	11596	13112	13823				
(B) Plants under long term maintenance/ contract expired													
143	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0				
144	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020	
145	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired on 07/05/2021	
146	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				337	0	0	0	0	0				
Gross Total				22031	21280	9423	12120	13705	14448	2291	1575		

(C)	Actual data of 27.08.21 (Yesterday)		Friday :									
01.	Max. Demand at eve. peak (Generation end)	:	12120.00	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)	:	11596.00	MW, at = 21:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	12153.00	MW, at = 22:00 hrs	Dhaka	3850	3850	0	Mymensingh	905	905	0
04.	Minimum Generation (Generation end)	:	8617.00	MW, at = 9:00 hrs	Chattogram	1257	1257	0	Sylhet	535	535	0
05.	Day-peak Generation (Generation end)	:	9423.00	MW, at = 12:00 hrs	Khulna	1503	1503	0	Barishal	374	374	0
06.	Evening-peak Generation (Generation end)	:	12120.00	MW, at = 21:00 hrs	Rajshahi	1193	1193	0	Rangpur	756	756	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Cumilla	1223	1223	0				
08.	Minimum Generation Forecast up to 8:00 hrs.	:	9230.00	MW, at = 5:00 hrs								
09.	Generation shortfall at evening peak due to :	:							Total	11596	11596	0
	a) Gas limitation	:	1895	MW	13.	Fuel cost :	(a) Gas = 143187361 Taka	(c) Coal = 73294600 Taka				
	d) Coal supply Limitation	:	292	MW			(b) Oil = 464909489 Taka	Total = 681391450 Taka				
	b) Low water level in Kaptai lake	:	104	MW								
	c) Plants under shut down/ maintenance	:	1575	MW	14.	Maximum Temperature in Dhaka was : 33.2° C						
10.	Total Energy (Generation + India Import)	:	246.78	MKWh	15.	Export through East-West interconnections :						
	By Gas = 139.749 MKWH			By Oil = 68.036 MKWh		At evening peak-hour : -396 MW, at 21:00 hrs						
	By Coal = 15.815 MKWH			By Hydro = 2.976 MKWh		Maximum : -396 MW, at 21:00 hrs						
	By Solar= 0.451 MKWH					Energy : 2.2255 MKWh						
11.	Total Gas Supplied	:	1128.93	MMCFD								

(D)	Forecast of 28.08.21 (Today)		Saturday :									
01.	Maximum Demand	:	13000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	14448	MW (Generation end)	05.	Total Generation : 263.97 MKWh						
03.	Maximum Shortage	:	-1448	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 33.7° C						

* Captive Power ** Imported Power

#Remarks: Highest Generation 13792 MW on 27-04-2021 at 20:00

(Faozul Islam Shaker)
Deputy Secretary, Generation