

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month February, 2022										Day: Tuesday		Date: 22.02.22							
Probable Maximum Demand: 10100 MW										Probable Maximum Generation: 12170 MW									
Water Level of Kaptai Lake at 06:00 AM										Rule Curve = 94.06 ft.									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	Yesterday = 91.51 ft.		Today = 91.27 ft.		21.02.22 (Yesterday)		22.02.22 (Today)		21.02.22 (Yesterday)		Status of Machines under shut-down/ Maintenance	Probable start-up date			
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for:		Machines shut down (MW)	Description/ Remarks							
					Day	Evening	Day	Evening	Gas/water/Coal limitation										
(A) Plants in operation:																			
1	Ghorasal Repowered CCGP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0					260	Under project work				
2	a) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0				240	Gas Shortage					
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0				190	Gas Shortage					
3	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	320	320	320	320				45	Gas Shortage					
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	Under maint.					
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0				20	Gas Shortage					
7	Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	34	182	340	350				178	Gas Shortage					
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	225	225	225	225				225	Gas Shortage					
9	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0				115	Under Overhauling					
10	Haripur 412 MW CCGP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0				412	Gas Shortage					
11	Siddhirganj 2120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0				210	Gas Shortage					
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	0	0	0	0				217	118	Gas Shortage				
13	Meghnaghat CCGP(Summit)	Gas (IPP)	2x110+1x110	335	335	0	0	0	0				335	Gas Shortage					
14	Madangan-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55										
15	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	23	12	30										
16	Gangagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.524	102	102	24	64	90	93										
17	Narsingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22										
18	Summit Power (Madhabd+Ashulia)	Gas (SIPP, REB)	8x8.67+7x8.73	80	80	55	55	55	55										
19	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	0	25	30	30										
20	Rugganji 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33										
21	Gasipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	51	51										
22	Gasipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	90	103	105	105										
23	Kooda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	150	150										
24	Kamalghat 54 MW PP (Banso Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54										
25	Kooda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	165	270	300	300										
26	Kooda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	3	35	149	149										
27	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	200	300										
28	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100										
29	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100										
30	Nababganj 55 MW PP (Southern powe)	HFO (IPP)	3x19.3	55	55	35	55	35	35										
31	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55										
32	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	104	78	104	104										
33	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	162	162	162	162										
34	Manikganj 35MW Solar PP (Inspectra)	Solar (IPP)	1x35	35	35	33	0	30	0										
35	Kanchan Purbachal Power Generation	HFO (IPP)	3x19.404	55	55	37	55	55	55										
36	Katpotti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0										
Dhaka Zone Total				5853	5696	1448	1828	2832	2933	2180	598								
37	Kamaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	70	70	69	69				160	Low water level & maint.					
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	0	0	0	0				180	Gas Shortage					
39	Kapali 7 MW Solar PP	Solar (PDB)	7	7	7	5	0	5	0										
40	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25										
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19	0	20	0										
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	40	19	40	40										
43	Sikalbaha 105 MW PP (Baraka Sikaliba)	HFO (IPP)	6x18.415	105	105	17	17	105	105										
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0				150	Under maint.					
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0				225	HGPI awaiting					
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	130	210	300	300										
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100										
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	10	50	90	90										
49	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	48	51	51										
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0				98	Environment Issue					
51	Barakunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	18	18										
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			28	40	8	30										
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	71	97	90	96										
53	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	54	54										
54	Kamaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	17	17	110	110										
55	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	0	0	100	100										
56	Chattogram 116 MW PP (Anlima Ene)	HFO (IPP)	6x21.06	116	116	113	111	116	116										
Chattogram Zone Total				2442	2382	538	697	1301	1304	520	473								
57	a) Ashuganj TPP Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0				129	Gas Shortage					
	b) Ashuganj TPP Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0				134	Gas Shortage					
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	6	6	6	6				39	Gas Shortage					
59	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1175	221	221	206	184	221	221				37	Gas Shortage					
60	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	295	280	340	350				80	Gas Shortage					
61	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	295	280	340	350				80	Gas Shortage					
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	15	5	40				40	Gas Shortage					
63	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20'9.73+1'116	195	195	8	8	8	8				187	Gas Shortage					
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	51	51										
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	108	147	150	150										
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	50	50	50										
67	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	124	124	125	125										
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	21	17	200	200										
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	21	21										
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	8	11										
71	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33										
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	52	52	52	52										
73	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	21	20	21										
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	89x1.4+66x1.515+15x1.058	200	200	0	0	100	200										
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	17	51	98	98										
76	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	0	8	8	8										
77																			

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.02.22 (Yesterday)		22.02.22 (Today)		21.02.22 (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)			
86	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	30	30	30		40	GT-1 Under maint.	
87	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	42	42	42	42		48	GT-4 Under maint.	
88	Fenchugonj 51 MW PP (Barakattullah)	Gas (RPP)	19x2.90	51	51	45	48	51	51				
89	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	110	110	53		Gas Shortage	
90	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	5	11	5	5				
91	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	64	67	66	66				
92	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+1x110	330	330	160	260	270	270	70		Gas Shortage	
93	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	86	81	84	81	81				
94	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0	231		Gas Shortage	
95	Sylhet 20 MW GTTP	Gas (PDB)	1x20	20	20	0	0	0	0		20	Under HGPI	
96	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	10	10	10				
97	Shahjahanula 25 MW PP	Gas (CIPP, REB)	3x8.34	25	25	16	16	16	16	9		Gas Shortage	
98	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	290	330	330				
99	Bibyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0				
100	Bibyana South 383 MW CCPP	Gas (PDB)	1x252+1x131	383	383	350	340	300	400				
101	Shahjibazar 100 MW GTTP	Gas (PDB)	1x100	100	100	0	0	0	0			Under project work	
Sylhet Zone Total					2422	2377	1202	1308	1311	1411	363	108	
102	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
103	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	0	0	0	0	410		Gas Shortage	
104	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	19	0	40				
105	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	10	0	40				
106	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	220				
107	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	80	100				
108	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	100	87	105	105				
109	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	50	100				
110	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	94	0	50	0				
**	Bheramara (HVDC)	India		1000	1000	717	714	729	729				
Khulna Zone Total					2233	2229	911	830	1014	1334	410	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	16	26	25	30				
113	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	91	91	91	91				
114	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	11	11	11	11				
115	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	300	360	620	620		884	Line Overload	
116	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	50	150				
117	Bhola 220MW CCPP (Nutan Bidyt BE)	Gas/HSD (IPP)	2x75+1x70	220	220	187	226	220	220				
Barishal Zone Total					2046	2046	605	714	1127	1232	0	884	
118	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari 100 MW GTTP	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	2	0	40	43				
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	0	0	40	40				
122	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.524	104	104	50	100	90	100				
123	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	32	0	37				
124	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	20	8	43	43				
125	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	29	0	30	30				
126	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
127	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	161	167	220	220	53		Gas Shortage	
128	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0	220		Gas Shortage	
129	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	298	300	0	0	114		Gas Shortage	
130	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22				
131	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11				
132	Natore 52 MW PP (Rajjanka)	HFO (IPP)	6x8.92	52	52	52	52	52	52				
133	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	113	113	113	113				
134	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	113	107	113	113				
135	Sirajgonj 6.55 MW Solar	Solar (NWPGL)	1x6	6	6	5	0	6	0				
Rajshahi Zone Total					2129	2129	869	909	980	1024	768	0	
136	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		Under Overhauling	
137	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	200	200	200	200	74		Coal shortage	
138	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0			Condenser mode	
139	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	113	99	113	113				
140	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0			Condenser mode	
141	Maipara, Tabula 8 MW Solar PP (Sympa Power Energypac Power Venture Thakurgan Ltd.	Solar (IPP)	1 x 8	8	8	4	0	8	0				
Rangpur Zone Total					695	605	317	299	321	313	159	85	
Sub-total: Plants in operation					21471	20985	7730.0	8561	11538	12170	5131	2148	
Available Power at Sub-station end excluding PIS auxiliary use and Transmission loss					7376	8169	11009	11613					
(B) Plants under long term maintenance/ contract expired													
142	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0			Forced Outage	
143	Siddhanganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired	
144	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	0	0	0	0	0			Contract Expired on 07/05/2021	
145	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020	
146	Mehenghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	0	0	0	0	0			Contract Expired on 31/05/2021	
147	Khulna 115 MW PP (KPCCL-2)	HFO (QRPP)	7x17	115	0	0	0	0	0			Contract Expired on 11/01/2022	
148	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.9	50	0	0	0	0	0			Contract Expired on 11/01/2022	
Sub-Total: Plants under long term maintenance/ contract expired					595	0	0	0	0	0	0	0	
Gross Total					22066	20985	7730	8561	11538	12170	5131	2148	
(C) Actual data of 21.02.22 (Yesterday) Monday :													
01.	Max. Demand at eve. peak (Generation end)	:	8561.00	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)	:	8169.00	MW, at =	19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8561.00	MW, at =	19:00 hrs		MW	MW	MW		MW	MW	MW
04.	Minimum Generation (Generation end)	:	6020.00	MW, at =	5:00 hrs	Dhaka	2561	2561	0	Mymensingh	835	835	0
05.	Day-peak Generation (Generation end)	:	7730.00	MW, at =	12:00 hrs	Chattogram	810	810	0	Sylhet	300	300	0
06.	Evening-peak Generation (Generation end)	:	8561.00	MW, at =	19:30 hrs	Khulna	1049	1049	0	Barishal	240	240	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs	Rajshahi	1017	1017	0	Rangpur	602	602	0
08.	Minimum Generation Forecast up to 8:00 hrs.	:	5726.00	MW, at =	5:00 hrs	Cumilla	755	755	0				
09.	Generation shortfall at evening peak due to :									Total	8169	8169	0
	a) Gas limitation	:	4812	MW						(c) Coal =	64308664	Taka	
	d) Coal supply Limitation	:	159	MW						(b) Oil =	261804853	Taka	
	b) Low water level in Kaptai lake	:	160	MW						Total =	419792443	Taka	
	c) Plants under shut down/ maintenance	:	2148	MW									
10.	Total Energy (Generation + India Import)	:	175.30	MKWh		14.	Maximum Temperature in Dhaka was : 27.8° C						
	By Gas =	97.908	MKWh	By Oil =	42.309	15.	Export through East-West interconnections :						
	By Coal =	13.507	MKWh	By Hydro =	1.560		At evening peak-hour : -262 MW, at 19:30 hrs						
	By Solar =	1.352	MKWh				Maximum : -308 MW, at 8:00 hrs						
11.	Total Gas Supplied	:	745.90	MMCFD			Energy : 0.99 MKWh						
(D) Forecast of 22.02.22 (Today) Tuesday :													
01.	Maximum Demand	:	10100	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	12170	MW	(Generation end)	05.	Total Generation : 206.81 MKWh						
03.	Maximum Shortage	:	-2070	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 28.7° C						

* Captive Power ** Imported Power

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

(Md. Helalur Rahman)
Deputy Secretary, Generation