

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel.: 9564667, 9551095

Month June, 2022		Day : Wednesday				Date : 01.06.22							
Probable Maximum Demand : 14000 MW		Probable Maximum Generation : 14953 MW				Rule Curve = 76.00 ft.							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 74.53 ft	Today = 74.08 ft		31.05.22 (Yesterday)								
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.05.22 (Yesterday)		01.06.22 (Today)		Gen. shortfall for 31.05.22 (Yesterday) Gas/Water/Coal limitation MW	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date
					Actual Peak Generation (MW)		Probable Peak Generation (MW)						
					Day	Evening	Day	Evening					
(A) Plants in operation:													
1	Ghorasal Repowered CCPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0	260	Under project work		
2	a) Ghorasal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.		
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	180	180	180	180				
3	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	280	280	280	280				
4	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	98	102	102	102				
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Under maint.		
6	Harijpur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0		Contract Expired		
7	Harijpur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	342	327	340	350				
8	Meghnaghat 450 MW CCPP(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	Harijpur 412 MW CCPP	Gas (EGCB)	1x273+1x139	412	412	357	0	0	0	412	Trias RMS maintenance		
11	Siddhirganj 2120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	96	97	97	105			
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	250	42	330	330				
13	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	335	335	142	135	150	150	200	Gas Shortage		
14	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	40	55	55	55				
15	Gagnagar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	80	93	93	93				
16	Narshingi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22				
17	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+1x8.73	80	80	25	53	53	53				
18	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	25	25	25	25				
19	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	16	24	33	33				
20	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	41	50	50	50				
21	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	70	90	105	105				
22	Kodda 150MW PP	HFO (BPPB-RPCL)	9x17.06	149	149	110	150	150	150				
23	Kanalgat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	54	54				
24	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	188	300	300	300				
25	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	149	149	149				
26	Keranganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	255	300	300				
27	Branhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	100	100	100				
28	Aurahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	99	100	100				
29	Nababganj 55 MW PP (Southern powe)	HFO (IPP)	3x19.3	55	55	55	55	55	55				
30	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55				
31	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	90	104	92	104				
32	Manikganj 162MW FPP(MPGL)	HFO (IPP)	9x18	162	162	162	162	162	162				
33	Manikganj 35MW Solar PP (Inspectra)	Solar (IPP)	1x35	35	35	0	0	30	0				
34	Kanchan Purbachal Power Generation	HFO (IPP)	3x19.404	55	55	36	55	55	55				
35	Katpoti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0				
36	Siddhirganj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	57	100	90	100				
37	Meghnaghat 100 MW(IEL)	HFO (NENP)	12x8.9	100	100	81	82	88	88				
38	Madanganj 102 PPI(Summit)	HFO (NENP)	6x17	102	102	96	97	96	96				
Dhaka Zone Total				6055	5898	3326	3616	4016	4018	837	765		
39	Kamaphul Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	68	68	70	70	162	Low water level		
40	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	100	100	100	100	80	Gas Shortage		
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.		
41	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	2	0	5	0				
42	Raczan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	25	25	25				
43	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	7	0	20	0				
44	Patnaf 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	37	43	50				
45	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	105	105	105	105				
46	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150	Under maint.		
47	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Awaiting for HGPI		
48	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	283	300	300	300				
49	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	76	76	90	90				
50	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	102	0	102				
51	Haftazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	50	0	50				
52	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22				
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			6	29	10	25				
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	74	80	80	80				
54	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	36	36	35	36				
55	Kamaphul Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	92	92	110	110				
56	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100				
57	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	0	10	10	10	10				
58	Chattogram 116 MW PP (Anima Ener)	HFO (IPP)	6x21.06	116	116	90	108	110	110				
Chattogram Zone Total				2442	2282	1079	1340	1235	1385	242	555		
59	a) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	0	0	0	0	134	Contract Expired		
	b) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	0	0		Gas Shortage		
60	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	31	37	34	36				
61	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+175	221	221	195	202	215	215				
62	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	345	270	320	330				
63	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	0	0	0	0	360	Gas Shortage		
64	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	50	53	55	55	2	Gas Shortage		
65	Ashuganj 195MW PP (APSCL-United)	Gas (IPP)	20'9.73+1'16	195	195	36	8	8	8	187	Gas Shortage		
66	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43				
67	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	120	138	130	137				
68	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	40	49	50	50				
69	Chandpur 150 MW CCPP	Gas (PDB)	1x106+1x57	163	163	147	151	150	150				
70	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	181	200	200	200				
71	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22				
72	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11				
73	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	20	33	33	33				
74	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	8	8	8				
75	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	20	20				
76	Daukandi 200 MW PP (B. Trac)	HSD (IPP)	95x1.4+6x1.91+15x1.958	200	200	0	150	150	200				
77	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	0	99	17	114				
78	Chowmuhani 113 MW	HFO (IPP)	12'9.79+2'13.1	113	113	9	115	9	113				
79	Bhiraob 54 MW PP	HFO (IPP)	3x18.2	54	54	35	35	35	35				
80	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	65	81	90	101				
**	Impoprt (Tripura)	India		160	160	116	128	143	165				
Cumilla Zone Total				3059	3014	1489	1848	1743	2046	683	0		
81	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	105	121	105	105	81	Gas Shortage		
82	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20				
83	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	8	0	0	0	0				
84	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	93	103	115	115				

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.05.22 (Yesterday)		01.06.22 (Today)		31.05.22 (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)			
89	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	44	44	43	43		26	GT-1 Under maint.	
90	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	42	41	41	41		49	GT-4 Under maint.	
91	Fenchugonj 51 MW PP (Barikatullah)	Gas (RPP)	19x2.90	51	51	5	53	5	5				
92	Kushara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	110	110	110	53		Gas Shortage	
93	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	0	11	11				
94	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	60	61	60	60				
95	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
96	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	3x2.90	86	86	78	81	81	81				
97	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	220	220	220	220				
98	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	20	20				
99	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	7	9	10	10				
100	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	16	16				
101	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	285	290	310	341				
102	Bibiana-III 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	404	401	400	400				
103	Bibiana South 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	388	400	400	400				
104	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0		100	Under project work	
105	Sylhet 50MW PP (EPL)	Gas (NENP)	2x27	50	50	6	16	6	16	34		Gas Shortage	
106	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12x3.3+5*2	50	50	5	50	5	5				
Sylhet Zone Total					2522	2477	1696	1818	1728	1779	87	505	
107	Bheramara GTPP Unit-3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
108	Bheramara 410 MW CAPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	115	235	250	260	175		Gas Shortage	
109	Fardpur 50 MW Peaking PP	HFO (PDB)	6x8.98	54	54	0	40	35	40				
110	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	70	0	65				
111	Khulna 225 MW CAPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	220				
112	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
113	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	27	105	105	105				
114	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	15	105	105	105				
115	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	94	0	100	0				
116	Khulna 115 MW PP (KPLC-2)	HFO (NENP)	7x17	115	115	69	81	115	115				
117	Noapara 40 MW PP (Khanjahan Ali)	HFO (NENP)	5*8.5	40	40	0	8	40	40				
**	Bheramara (HVDC)	India		1000	1000	919	922	933	933				
Khulna Zone Total					2388	2384	1239	1653	1783	1983	175	0	
118	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	32	32	50	110				
119	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	40	21	30	20	20				
120	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	86	86	88	88				
121	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	780	1000	1050	1050				
122	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	17	17	17	150				
123	Bhola 220MW CAPP (Nutan Bidyut BC)	Gas/HSD (IPP)	2x75+1x70	220	220	220	218	220	220				
Barishal Zone Total					1958	1958	1156	1383	1445	1638	0	0	
124	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
124	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
125	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	43	34	43				
126	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.8	200	200	0	100	100	165				
127	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	30	30				
128	Chapainawabganj 100 MW Peaking PI	HFO (PDB)	12x8.924	104	104	0	80	65	80				
129	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	4	32	32	32				
130	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	34	0	34				
131	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	36	30	40				
132	Sirajgonj 225MW CAPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
133	Sirajgonj 225MW CAPP Unit-2	Gas (NWP/GCL)	1x150+1x75	220	220	0	0	0	0	220		Gas Shortage	
134	Sirajgonj 225MW CAPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	177	179	160	160				
135	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	380	419	410	410				
136	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
137	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
138	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	8	8	8	8				
139	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	76	113	76	113				
140	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	70	94	70	94				
141	Sirajgonj 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	4	0	6	0				
Rajshahi Zone Total					2129	2129	752	1171	1054	1242	601	0	
142	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
142	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Under Overhauling	
143	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	175	175	175	175	99		Coal Shortage	
144	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
145	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x.2*3	113	113	80	107	73	110				
146	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
147	Majpara, Taula 8 MW Solar PP (Sympa Powe)	Solar (IPP)	1 x 8	8	8	7	0	8	0				
148	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	108	95	115	115				
Rangpur Zone Total					800	720	370	377	371	400	184	85	
Sub-total: Plants in operation					22070	21484	11563.0	13655	13869	14953	2890	1910	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							11173	13194	13401	14448			
(B) Plants under long term maintenance contract expired													
149	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0			Forced Outage	
150	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	0	0	0	0	0			Contract expired	
151	Bogra 20 MW PP (Energyprima)	Gas NENP	5x3.3+5x2.0	20	0	0	0	0	0			Contract Expired on 12/11/2020	
152	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	0	0	0	0	0			Contract Expired on 11/01/2022	
Sub-Total: Plants under long term maintenance contract expired					278	0	0	0	0				
Gross Total					22348	21484	11563	13655	13869	14953	2890	1910	
(C) Actual data of 31.05.22 (Yesterday) Wednesday :													
01.	Max. Demand at eve. peak (Generation end)	: 13655 MW, at = 21:00 hrs	Zone		Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand at eve. peak (Sub-station end)	: 13194 MW, at = 21:00 hrs	Zone		Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	: 13655 MW, at = 21:00 hrs	Dhaka		4829	4829	0	Mymensingh	1059	1059	0		
04.	Minimum Generation (Generation end)	: 10101 MW, at = 8:00 hrs	Chattoagram		1323	1323	0	Sylhet	566	566	0		
05.	Day-peak Generation (Generation end)	: 11563 MW, at = 9:00 hrs	Khulna		1530	1530	0	Barishal	405	405	0		
06.	Evening-peak Generation (Generation end)	: 13655 MW, at = 21:00 hrs	Rajshahi		1364	1364	0	Rangpur	868	868	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0 MW, at = 21:00 hrs	Cumilla		1251	1251	0						
08.	Minimum Generation Forecast up to 8:00 hrs.	: 10307 MW, at = 5:00 hrs											
09.	Generation shortfall at evening peak due to :	:											
a)	Gas limitation	: 2544 MW											
c)	Coal supply Limitation	: 184 MW											
b)	Low water level in Kapali lake	: 162 MW											
c)	Plants under shut down/ maintenance	: 1910 MW											
10.	Total Energy (Generation + India Import)	: 294.23 MKWh											
	By Gas = 146.254 MKWh	By Oil = 94.731 MKWh											
	By Coal = 25.615 MKWh	By Hydro = 1.599 MKWh											
	By Solar= 1.055 MKWh												
11.	Total Gas Supplied	: 1045.56 MMCFD											
(D) Forecast of 01.06.22 (Today) Wednesday :													
01.	Maximum Demand	: 14000 MW (Generation end)	04.		Maximum Load-shed	: 0 MW	At evening peak (Sub-station end)						
02.	Maximum Generation	: 14953 MW (Generation end)	05.		Total Generation	: 301.67 MKWh							
03.	Reserve / Shortage	: 953 MW (Generation end)	06.		Probable Max. Temperature in Dhaka	: 35.5° C							

#Remarks: Highest Generation 14782 MW on 16-04-2022 at 21:00

(Md. Helalur Rahman)
Deputy Secretary, Generation