

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month June, 2024		Day : Sunday				Date : 23.06.24					
Probable Maximum Demand :		15000 MW		Probable Maximum Generation :		17026 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 83.44 ft		Today = 83.49 ft		Rule Curve = 81.84 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.06.24 (Yesterday)		23.06.24 (Today)		Rule Curve = 81.84 ft	Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)				
					Day	Evening	Day	Evening			
(A) Plants in operation:											
1	Ghorasal Repowered CAPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	0	0	0	0		Under Repowering project	
2	a) Ghorasal Repowered CAPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	240	Gas Shortage	
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	180	180	180	180			
3	Ghorasal 365 MW CAPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0		365	
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	65	72	12	70		
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0		
6	Haripur GTPP	Gas (PDB)	1 x 32	32	20	0	0	0	0		
7	Meghnaghat 450 MW CAPP(MPL)	Gas (IPP)	2x140+1x170	450	450	450	450	450	450		
8	210 MW Siddhirgonj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	
9	Haripur 412 MW CAPP	Gas (EGCB)	1x273+1x139	412	400	356	380	400	400		
10	Siddhirgonj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	
11	Siddhirgonj 335 MW CAPP	Gas (EGCB)	1 x 217+1x118	335	335	270	320	320	320		
12	Meghnaghat 335MW CAPP(Summit)	Gas (IPP)	2x110+1x110	335	335	307	310	300	300		
13	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55		
14	Gaganraj 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	0	32	92	92		
15	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	0	0		
16	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x3.73	80	80	17	30	30	30		
17	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x3.73	33	33	16	16	16	16		
18	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x3.73	33	33	8	15	33	33		
19	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	8	8	8		
20	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	35	35	70		
21	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	0	48	100	150		
22	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	0	54	54		
23	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	60	270	300		
24	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	6x18.415+1x8.97	149	149	4	115	135	135		
25	Nabaganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	17	55	55		
26	Manikgonj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	35	55		
27	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	0	70	17	50		
28	Manikgonj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	72	72	162		
29	Manikgonj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	7	0	35	0		
30	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	0	17	35	35		
31	Keraniganj 100 MW PP (Powerpac)	HFO (NENP)	8x13.45	100	75	0	0	0	13		
32	Unique Meghnaghat 584MW CAPP	Gas	1x400+1x184	584	584	585	70	400	400		
33	Siddhirgonj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	0	10	70	80		
34	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	102	102	0	17	64	80		
35	Meghnaghat 100 MW(EL)	HFO (NENP)	12x8.9	100	100	0	8	50	80		
	Meghnaghat 589 MW CAPP(Summit)	Gas				0	0	0	0	589	
Dhaka Zone Total				5828	5634	2265	2462	3323	3673	1039	740
36	Karnaphuli Hydro PP Unit-1, 2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	114	115	115	115	115	Inadequate Water Level
37	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	0	180
38	Kaptai 7 MW Solar PP	HFO (PDB)		7	7	2	0	5	0		
39	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	17	8	17		
40	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	9	0	20	0		
41	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	20	20		
42	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	0	17	105	105		
43	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150	Under maint.
44	Sikalbaha 225 MW CAPP	Gas (PDB)	1 x 150+1 x 75	225	225	218	217	220	220		
45	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	15	51	52	52		
46	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	12	24	24	24		
47	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	34	50		
48	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	40	72	48	72		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			0	24	10	20		
49	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	44	32	100		
50	Sikalbaha 54 MW PP(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	35	35		
51	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	17	110	110		
52	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	12	25	25	28		
53	Juldah 100 MW Unit-1 (Acorn)	HFO (NENP)	8x13.45	100	100	0	0	35	50		
54	Chattogram 116 MW PP (Anilma Energy Ltd.)	HFO (IPP)	6x21.06	116	116	17	17	17	17		
55	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	0	0	54	163		
56	Chattogram 2'612MW Coal Based PP (SS Power)	Coal (IPP)	2x612	1224	1224	305	482	612	612		
57	Matarbari 2'600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	0	568	570	570		
58	Cox's Bazar Wind PP	(Wind) (IPP)		60	60	6	11	40	40		
59	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)		75	75	63	0	70	0		
Chattogram Zone Total				4517	4457	813	1752	2261	2420	295	330
60	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	27	32	10	38		
61	Ashuganj 225 MW CAPP	Gas (APSCCL)	1x142+1'175	221	221	212	181	220	220		
62	Ashuganj 450 MW CAPP(South)	Gas (APSCCL)	1x360	360	360	290	310	280	300		
63	Ashuganj 450 MW CAPP(North)	Gas (APSCCL)	1x361	360	360	305	325	315	325		
64	Ashuganj 420 MW CAPP(East)	Gas (APSCCL)	1x284+1x116	400	400	270	230	300	330		
65	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20'9.73+1'116	195	195	8	8	45	45	187	Gas Shortage
66	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	51	51	51		
67	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	0	150	150		
68	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	36	36		
69	Chandpur 150 MW CAPP	Gas (PDB)	1X106+1x57	163	163	86	85	85	88		
70	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	17	17	17	17		
71	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	0	0	0		
72	Jangalia 33 MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	28	32	32	32		
73	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	43	50	52		
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	6	12	12	12		
75	Feni 114 MW (Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	17	114	70	114		
76	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	44	74	42	80		
77	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	18	86	34	115		
78	Ashuganj 55 MW PP (Precision)	Gas (NENP)	15'4	55	55	10	5	45	45	50	Gas Shortage
**	Impoport (Tripura)	India		160	160	78	90	146	144		
Cumilla Zone Total				2883	2875	1459	1695	1940	2194	237	0
79	RPCL 210MW CAPP	Gas (IPP)	4x35+1x70	210	202	164	131	130	150		
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	0	78	68	80		
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	100	97	125		
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	1	0	1.6	0		
83	Sutakhal 50 MW Solar PP	Solar (IPP)	1x50	50	50	16	0	50	0		
84	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	0	0	35	35		
85	Tangail 22 MW PP(PPGL)	HFO (IPP)	4x6.7	22	22	0	24	15	24		
Mymensingh Zone Total				654	646	181	333	397	414	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.06.24 (Yesterday)		23.06.24 (Today)		22.06.24 (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/Coal/Water Limitation MW	Machines shut down (MW)			
86	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	28	27	28	28		43	Under maint.	
87	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	58	58	58	58		32	Under maint.	
88	Fenchugonj 51 MW PP (Barakatullah)	Gas (RPP)	19x2.90	51	51	52	53	50	52				
89	Kushiana 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	120	163	163	163				
90	Hobiganj 11 MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	2	0	5	5				
91	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	50	60	60				
92	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
93	Sylhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	100	100	100	100				
94	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	14	14	18	18				
95	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	16	16				
96	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	310	300	300				
97	Bibiyana-II 400 MW CAPP	Gas (PDB)	1x285+1x115	400	400	400	402	400	400				
98	Bibiyana South 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	352	372	350	350				
99	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0			Under Construction Project	
100	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12*3.3+5*2	50	50	35	38	39	39				
Sylhet Zone Total					2376	2331	1536	1603	1587	1589	0	405	
101	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0				
102	Bheramara 410 MW CAPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	380	390	350	400				
103	Fairpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	30	40				
104	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	50	60				
105	Khulna 225 MW CAPP	HSD/ Gas (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	0				
106	Russha 105 MW PP (Orion russha)	HFO (IPP)	6x18.445	105	105	0	36	35	73				
107	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	0	0				
108	Mongla Orion 100 MW Solar PP	Solar (IPP)	2x617	100	100	34	0	100	0				
109	Maitree Super Thermal 1320 MW PP	Coal (BIF/CL)	1234	1234	358	556	360	550	0				
110	Khulna 330 MW PP (Khanjahan Ali)	Gas/HSD (RPP)	1x220+1x116	336	336	0	0	0	0				
111	Nasirpara 40 MW PP (Khanjahan Ali)	HFO NENP	5x8.5	40	40	0	0	32	40				
112	Khulna 115 PP MW (KPCL-2)	HFO NENP	7x17	115	115	0	48	20	98				
**	Bheramara (HVDC)	India		1000	1000	922	919	939	939				
Khulna Zone Total					3858	3854	1694	1949	1916	2200	0	0	
113	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	0	16	110				
114	Bhola 33 MW PP (Venture)	Gas (NENP)	1x34.50	40	10	8	10	10	10				
115	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	80	124	130	130		70	ST under maint.	
116	Pavra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	700	1130	1100	1244				
117	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	17	35				
118	Barisal Electric 307 MW	Coal (IPP)	1x307	307	307	140	140	307	307				
119	Barisal 1 MW Solar PP	Solar (PDB)	1 x 1	1	1	0	0	0	0				
120	Bhola 220MW CAPP (Nutan Bidyt BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	220	140	220	220				
Barishal Zone Total					2266	2236	1148	1544	1800	2056	0	70	
121	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	0		71	Gas Shortage	
122	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	0	0	0	0		100	Under maint.	
123	Bera 70 MW Peaking PP	HFO (PDB)	6x8.29	71	71	0	0	32	40				
124	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	89	50	90				
125	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	45				
126	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	36	0	36				
127	Sirajgonj 225MW CAPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	173	193	150	210				
128	Sirajgonj 225MW CAPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	220	198	165	210				
129	Sirajgonj 225MW CAPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	0	0	0	0		220	Gas Shortage	
130	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	414	414	350	414				
131	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	2	2	5	8				
132	Natore 52 MW PP (Rajjanka)	HFO (IPP)	6x8.92	52	52	0	0	0	0				
133	Bagura 113 MW (Confidence) U-1	HFO (IPP)	6*18.55	113	113	0	0	113	113				
134	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	0	0	94	113				
135	Amnara 50 MW PP (Sinha)	HFO (NENP)	7x7.79	50	28	0	0	15	35				
136	Sirajgonj 6.55 MW Solar	Solar (NWP/GCL)	1x6	6	6	0	0	6	0				
**	Adani Power Jharkhanda Ltd	(Import)	2x748	1496	1496	469	758	500	748				
Rangpur Zone Total					3403	3381	1278	1690	1480	2072	291	100	
137	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0				
138	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	
139	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	180	180	180	180				
140	Rangpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
141	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16.2*3	113	113	34	113	70	113				
142	Sardpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
143	Majpara Tabula 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	7	0	8	0				
144	Thakurgaon 115MW Solar PP (Energypac)	HFO (IPP)	6*20	115	115	90	115	35	115				
145	Lalmonirhat 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	37	0	30	0				
146	Teesa Solar Limited	Solar (IPP)	1 x 200	200	200	103	0	130	0				
Rangpur Zone Total					1030	950	451	408	453	408	0	85	
Sub-total: Plants in operation					26815	26364	10825.0	13436	15157	17026	1862	1730	
(B) Plants under long term maintenance/ contract expired													
146	Katoboti 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0			Contract Expired	
147	Haripur 360MW CAPP(HPL)	Gas (IPP)	1x235+1x125	360	0	0	0	0	0			Contract Expired	
148	Jamalpur 95 MW PP (Powerpac)	HFO (IPP)	12x8.924	95	0	0	0	0	0			Contract Expired	
149	Shahjibazar 86MW PP (Shahjibazar)	Gas (RPP)	32x2.90	86	0	0	0	0	0			Contract Expired	
150	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0			Contract Expired	
Sub-Total: Plants under long term maintenance/ contract expired					700	0	0	0	0	0	0	0	
Gross Total					27515	26364	10825	13436	15157	17026	1862	1730	
(C) Actual data of 22.06.24 (Yesterday) Saturday :													
01.	Max. Demand at eve. peak (Generation end)	: 13436 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)	: 12995 MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	: 13818 MW, at = 23:00 hrs			MW	MW	MW		MW	MW	MW		
04.	Minimum Generation (Generation end)	: 10115 MW, at = 8:00 hrs		Dhaka	3939	3939	0	Mymensingh	1126	1126	0		
05.	Day-peak Generation (Generation end)	: 10825 MW, at = 12:00 hrs		Chattogram	1436	1436	0	Sylhet	574	574	0		
06.	Evening-peak Generation (Generation end)	: 13436 MW, at = 21:00 hrs		Khulna	1714	1714	0	Barishal	485	485	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0 MW, at = 21:00 hrs		Cumilla	1457	1457	0	Rangpur	914	914	0		
08.	Minimum Generation Forecast up to 8.00 hrs.	: 11109 MW, at = 5:00 hrs			1351	1351	0		12995		0		
09.	Generation shortfall at evening peak due to :	:		13.	Fuel cost :			Total		12995	0		
	a) Gas/LF limitation	: 1747 MW			(a) Gas =	464503290 Taka		(c) Coal =	489793601 Taka				
	d) Coal supply Limitation	: 0 MW			(b) Oil =	474527251 Taka		Total =	1428824142 Taka				
	b) Low water level in Kaptai lake	: 115 MW											
	c) Plants under shut down/ maintenance	: 1730 MW		14.	Maximum Temperature in Dhaka was : 33.2°C								
10.	Total Energy (Generation + India Import)	: 286.53 MKWh		15.	Export through East-West interconnections :								
	By Gas = 158.832 MKWh	By Oil = 26.107 MKWh			At evening peak-hour	: 10825 MW, at 21:00 hrs							
	By Coal = 71.765 MKWh	By Hydro = 2.760 MKWh			Maximum	: 78 MW, at 5:00 hrs							
	By Solar = 2.895 MKWh				Energy	: 5103.45 MKWh							
11.	Total Gas Supplied	: 1162.44 MMCFD											
(D) Forecast of 23.06.24 (Today) Sunday :													
01.	Maximum Demand	: 15000 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)								
02.	Maximum Generation	: 17026 MW (Generation end)	05.	Total Generation	: 311.05 MKWh								
03.	Reserve / Shortage	: 2026 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	33.1°C								

#Remarks: Highest Generation 16477 MW on 30-04-2024 at 21:00

(Md. Helalur Rahman)
Deputy Secretary, Generation