

Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month June, 2024		Probable Maximum Demand : 12000 MW			Day : Thursday				Date : 20.06.24		
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 82.48 ft			Today = 82.87 ft				Rule Curve = 81.03 ft		
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.06.24 (Yesterday)		20.06.24 (Today)		19.06.24 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gas/Coal/oil/Water Limitation MW	Machines shut down (MW)	
					Day	Evening	Day	Evening			Probable start-up date
(A) Plants in operation:											
1	Ghorasal Repowered CAPP Unit-3 (GT)	Gas (PDB)	1 x 260	260	260	0	0	0	0	260	Under Repowering project
2	a) Ghorasal Repowered CAPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		
	b) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	180	180	180	180		
3	Ghorasal 365 MW CAPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	0	0	365	Awaiting for HGPI
4	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	7	53	50	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	350	420	450	450		
8	210 MW Siddhirganj TPP	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Under Overhauling
9	Haripur 412 MW CAPP	Gas (EGCB)	1x273+1x139	412	400	282	413	400	400		
10	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210	Gas Shortage
11	Siddhirganj 335 MW CAPP	Gas (EGCB)	1 x 217+1x118	335	335	280	329	320	320		
12	Meghnaghat 335MW CAPP(Summit)	Gas (IPP)	2x110+1x110	335	335	258	291	300	300		
13	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55		
14	Gagragar 102 MW PP (Digital Power)	HFO (IPP)	12x8.924	102	102	0	0	82	85		
15	Narshimgo 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+2x8.73	80	80	17	15	33	33		
17	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	8	8	33	33		
18	Rupganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	16	8	33	33		
19	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	8	8		
20	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	0	52	52		
21	Kodda 150MW PP	HFO (BRPgen)	9x17.06	149	149	0	0	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)	16x17.076	300	300	0	0	270	300		
24	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	0	17	96	149		
25	Nababganj 55 MW PP (Southern power)	HFO (IPP)	3x19.3	55	55	0	0	35	35		
26	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	0	35	35		
27	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	0	0	55	70		
28	Manikganj 162MW PP(MPGL)	HFO (IPP)	9x18	162	162	0	0	72	162		
29	Manikganj 35MW Solar PP (Inspectra Solar Ltd.)	Solar (IPP)	1x35	35	35	6	0	35	0		
30	Kanchan Purbachal Power Generation Ltd.	HFO (IPP)	3x19.404	55	55	0	0	35	35		
31	Keraniganj 100 MW PP (Powerpac)	HFO (NENP)	8x13.45	100	75	0	0	0	25		
32	Unique Meghnaghat 584MW CAPP	Gas	1x400+1x184	584	584	300	584	300	300		
33	Siddhirganj 100 MW PP(Dutch Bangla)	HFO (NENP)	12x8.9	100	100	0	0	70	85		
34	Madanganj 102 PP(Summit)	HFO (NENP)	6x17	102	102	0	0	64	64		
35	Meghnaghat 100 MW(IEI)	HFO (NENP)	12x8.9	100	100	0	0	50	80		
	Meghnaghat 589 MW CAPP(Summit)	Gas				0	0	300	300	589	Gas Shortage
Dhaka Zone Total				5828	5634	1704	2318	3567	3883	799	740
36	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	115	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	180	Under maint.
38	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	2	0	5	0		
39	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	17	8	17		
40	Teknaf 20MW PP (SolarTech)	Solar (IPP)	1x20	20	20	0	0	20	0		
41	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	6	18		
42	Sikalbaha 105 MW PP (Baraka Sikalbaha)	HFO (IPP)	6x18.415	105	105	0	17	51	100		
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	224	175	225	225		
45	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	0	15	52	52		
46	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	0	24	25	25		
47	Dohazari-Kalash 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	0	34	51		
48	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	48	64		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			42	42	40	40		
49	Chattogram 108 MW PP (ICPV)	HFO (IPP)	16x7.00	108	108	0	20	18	38		
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	0	110	110		
52	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	0	25	25	25		
53	Juldah 100 MW Unit-1 (Acorn)	HFO (NENP)	8x13.45	100	100	0	0	35	45		
54	Chattogram 116 MW PP (Anima Energy Ltd.)	HFO (IPP)	6x21.06	116	116	0	17	35	35		
55	Mirsharai 150 MW	HFO (BRPgen)	9x18.5	163	163	0	0	54	163		
56	Chattogram 2*612MW Coal Based PP (SS Powe	Coal (IPP)	2x612	1224	1224	380	300	612	612		
57	Matarbari 2*600 MW (CPGCL)	Coal (CPGCL)	1x575	575	575	0	0	0	0		
58	Cox's Bazar Wind PP	(Wind) (IPP)	60	60	60	0	40	40	40		
59	Sonagazi 75 MW Solar Plant	(Solar) (EGCB)		75	75	6	0	70	0		
Chattogram Zone Total				4517	4457	769	807	1663	1810	295	330
60	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	10	0	0	37	45	Gas Shortage
61	Ashuganj 225 MW CAPP	Gas (APSCCL)	1x142+1*75	221	221	141	195	140	140		
62	Ashuganj 450 MW CAPP(South)	Gas (APSCCL)	1x360	360	360	270	280	280	300		
63	Ashuganj 450 MW CAPP(North)	Gas (APSCCL)	1x361	360	360	285	295	300	300		
64	Ashuganj 420 MW CAPP(East)	Gas (APSCCL)	1x284+1x116	400	400	260	285	300	330		
65	Ashuganj 195MW PP (APSCCL-United)	Gas (IPP)	20*9.73+1*116	195	195	0	55	0	0	140	Gas Shortage
66	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	5	51	20	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	40	40		
69	Chandpur 150 MW CAPP	Gas (PDB)	1X106+1x57	163	163	85	85	85	86		
70	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	17	100	17	100		
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	0	0	32	32		
73	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	8	50	52		
74	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	12	12	12	12		
75	Feni 114 MW (Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	70	70	114		
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	38	77	42	85		
77	Chandpur 115MW PP (Doreen)	HFO (IPP)	4x18.516+2x25.428	115	115	32	65	34	115		
78	Ashuganj 55 MW PP (Precision)	Gas (NENP)	15*4	55	55	0	0	0	0	55	Gas Shortage
**	Impoport (Tripura)	India		160	160	48	64	146	144		
Cumilla Zone Total				2883	2875	1211	1642	1718	2088	240	0
79	RPCL 210MW CAPP	Gas (IPP)	4x35+1x70	210	202	166	202	170	200		
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	16	8	68	80		
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	0	0	97	120		
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	1x3	3	3	0	0	1.6	0		
83	Sutakhalai 50 MW Solar PP	Solar (IPP)	1x50	50	50	2	0	50	0		
84	Bhairab 54 MW PP	HFO (IPP)	3x18.2	54	54	0	0	35	35		
85	Tangail 22 MW PP(PPLG)	HFO (IPP)	4x6.7	22	22	0	0	6	12		
Mymensingh Zone Total				654	646	184	210	428	447	0	0

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.06.24 (Yesterday)		20.06.24 (Today)		19.06.24 (Yesterday)		Status of Machines under shut-down/ Maintenance		
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/Coal/Water Limitation		Machines shut down (MW)	Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening	MM	MM			
86	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	28	30	30		42	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	5	5	50	52				
89	Kushiara 163 MW CAPP (KP)	Gas (IPP)	1x109+1x54	163	163	120	163	163	163				
90	Hobiganj 11MW PP Confidence-E	Gas (SIIPP, REB)	4x2.90	11	11	0	0	5	5				
91	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	40	61	60	60				
92	Shahjibazar 330 MW CAPP	Gas (PDB)	2x110+1x110	330	330	0	0	0	0		330	Under maint.	
93	Syhet 225 MW CAPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0				
94	Syhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	0	0	0	0		20	Under maint.	
95	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	0	0	16	16				
96	Bibiana-II 341 MW CAPP (Summit)	Gas (IPP)	1x222+1x119	341	341	275	295	300	300				
97	Bibiyana-South 383 MW CAPP	Gas (PDB)	1x285+1x115	400	400	305	367	350	370				
98	Bibiyana 383 MW CAPP	Gas (PDB)	1x252+1x131	383	383	310	346	330	350				
99	Shahjibazar 100 MW GTPP	Gas (PDB)	1x100	100	100	0	0	0	0			Under Construction Project	
100	Fenchugonj 44MW (Energyprima)	Gas (NENP)	12x3.3+5.2	50	50	5	36	39	39				
Syhet Zone Total													
101	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	0		424		
102	Bheramara 410 MW CAPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	345	360	300	340				
103	Fairpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	30	40				
104	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.38	109	109	0	0	50	60				
105	Khulna 225 MW CAPP	HSD/ Gas (NWPGL)	1 x 150+1x75	225	225	0	0	0	0				
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	17	73				
107	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	0	0				
108	Mongla Orion 100 MW Solar PP	Solar (IPP)		100	100	22	0	100	0				
109	Maitree Super Thermal 1320 MW PP	Coal (BIFPCL)	2x617	1234	1234	358	358	500	500				
110	Khulna 330 MW CAPP	Gas/HSD (BPDB)	1x220+1x116	336	336	0	0	0	0				
111	Noapara 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	0	20	98				
**	Bheramara (HVDC)	India		1000	1000	928	922	944	944				
Khulna Zone Total													
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	3	10	10	10				
115	Bhola 225 MW CAPP	Gas (PDB)	2x63+1x68	194	194	80	130	130	130		64	ST under maint.	
116	Payra 1320 MW TPP	Coal (BCPCL)	2x622	1244	1244	540	760	1100	1244				
117	Potukhali 150MW PP (UPPL)	HFO (IPP)	8x18.415+1x9.78	150	150	0	0	17	35				
118	Barisal Electric 307 MW	Solar (IPP)	1x307	307	307	150	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 Bidyut BD Ltd)	Gas/HSD (IPP)	2x75+1x70	220	220	110	110	110	110				
Barishal Zone Total													
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	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	32	40				
124	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	10				
125	Chapainawabganj 100 MW Peaking PP	HFO (PDB)	12x8.924	104	104	0	0	50	90				
126	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	45				
127	Santarha 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	36				
128	Sirajgonj 225MW CAPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	156	161	150	160				
129	Sirajgonj 225MW CAPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	161	165	150	160				
130	Sirajgonj 225MW CAPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0		220	Gas Shortage	
131	Sirajgonj 400 MW CAPP Unit-4	Gas (IPP)	1x282+1x132	414	414	298	350	350	380				
132	Lilapara 11 MW PP (Summit)	Gas (SIIPP, REB)	4x2.90	11	11	5	2	5	8				
133	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	0	0				
134	Natore 52 MW PP (Confidence) U-1	HFO (IPP)	6*18.55	113	113	0	0	113	113				
135	Bagura 113 MW PP (Confidence) U-2	HFO (IPP)	6x18.55	113	113	0	0	94	113				
136	Amnara 50 MW PP (Rupsha)	HFO (NENP)	7x7.29	50	28	0	0	15	35				
137	Sirajgonj 5.55 MW Solar	Solar (NWPGL)	1x6	6	6	0	0	6	0				
**	Adani Power Jharkhand Ltd	(Import)	2x748	1496	1496	472	582	748	748				
Rajshahi Zone Total													
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 TTP Unit-3	Coal (PDB)	1 x 274	274	274	170	170	170	170				
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*18.2*3	113	113	0	0	70	113				
142	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
143	Majpara, Tatalia 8 MW Solar PP (Sympa Power)	Solar (IPP)	1 x 8	8	8	0	0	8	0				
144	Thakurgaon 115MW PP (Energypac)	HFO (IPP)	6*20	115	115	0	35	35	115				
145	Lalmohat 30 MW Solar (Intraco)	Solar (IPP)	1*30	30	30	1	0	30	0				
146	Teesta Solar Limited	Solar (IPP)	1 x 200	200	200	31	0	130	0				
Rangpur Zone Total													
Sub-total: Plants in operation													
(B) Plants under long term maintenance/ contract expired													
146	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	0	0	0	0	0			Contract Expired	
147	Harpur 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(CIC)	HFO (IPP)	12x8.775+1x3.5	108	0	0	0	0	0			Contract Expired	
Sub-Total: Plants under long term maintenance/ contract expired													
Gross Total													

(C) Actual data of 19.06.24 (Yesterday) Wednesday :													
01.	Max. Demand at eve. peak (Generation end)	: 10636 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)	: 10232 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)	: 11550 MW, at = 9:00 hrs		Dhaka	2862	2862	0	Mymensingh	847	847	0		
04.	Minimum Generation (Generation end)	: 8846 MW, at = 9:00 hrs		Chattogram	1244	1244	0	Syhet	373	373	0		
05.	Day-peak Generation (Generation end)	: 8846 MW, at = 9:00 hrs		Khulna	1412	1412	0	Barishal	391	391	0		
06.	Evening-peak Generation (Generation end)	: 10636 MW, at = 21:00 hrs		Rajshahi	1331	1331	0	Rangpur	646	646	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0 MW, at = 21:00 hrs		Cumilla	1127	1127	0						
08.	Minimum Generation Forecast up to 8:00 hrs.	: 8396 MW, at = 5:00 hrs						Total	10232	10232	0		
09.	Generation shortfall at evening peak due to :			13.	Fuel cost :		(a) Gas = 416178544 Taka	(c) Coal = 391686139 Taka		Taka			
	a) Gas/LF limitation	: 1510 MW			(b) Oil = 130827511 Taka		Total = 938692195 Taka						
	d) Coal supply Limitation	: 0 MW		14.	Maximum Temperature in Dhaka was : 30.2°C								
	b) Low water level in Kaptai lake	: 115 MW		15.	Export through East-West interconnections :								
	c) Plants under shut down/ maintenance	: 1743 MW			At evening peak-hour : 8846 MW, at 21:00 hrs								
10.	Total Energy (Generation + India Import)	: 236.06 MKWh			Maximum : 100 MW, at 21:00 hrs								
	By Gas = 144.863 MKWh	By Oil = 7.208 MKWh			Energy : 1145.1 MKWh								
	By Coal = 56.409 MKWh	By Hydro = 2.673 MKWh											
	By Solar = 0.669 MKWh												
11.	Total Gas Supplied	: 1055.39 MMCFD											

(D) Forecast of 20.06.24 (Today) Thursday :												
01.	Maximum Demand	: 12000 MW (Generation end)	04.	Maximum Load-shed	: 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	: 16048 MW (Generation end)	05.	Total Generation	: 245.26 MKWh							
03.	Reserve / Shortage	: 4048 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	32.0°C							

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

(Md. Helalur Rahman)
Deputy Secretary, Generation