



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month June, 2020				Day : Saturday				Date : 13.06.20				
Probable Maximum Demand : 11000 MW				Probable Maximum Generation : 15115 MW				Rule Curve = 79.14 ft.				
Water Level of Kaptai Lake at 06:00 AM				Yesterday = 81.70 ft.				Today = 81.83 ft.				
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Deraled/ Present Capacity (MW)	12.06.20 (Yesterday)		13.06.20 (Today)		12.06.20 (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
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	35	35	35	35		50	Unit 2 under maint.
	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.
	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	STG Commissioning
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under maint.
2	Ghorasal 365 MW CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	240	280	300	300			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	94	97	100	100			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	72	72	78	78	6		Gas Shortage
5	Tongi 80 MW GTPP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage
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	282	356	360	360			
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	350	450	450	450			
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	Under Maint.
11	Siddhirganj 2*120 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	180	222	220	220			
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	24	94	100	100			
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	280	280	305	305			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	0	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	78	95	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	0	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	7	90	93	93			
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x6.73	80	80	53	55	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	28	28	33	33			
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	28	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	52	52			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	52	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	100	149			
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	48	48			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	65	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	108	144	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	26x1.4	300	300	0	0	100	300			
32	Bramhangan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
34	Nabaganj 55 MW PP (Southern pc)	HFO (IPP)	3x19.3	55	55	0	17	55	55			
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	0	55	55	55			
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0			
Dhaka Zone Total				6015	5791	1886	2745	3652	4001	341	1117	
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x30	230	230	99	98	109	109	132		Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	90	90			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	5.9	0	5	0			
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	13.7	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	50	50			
43	Sikalbaha 105 MW PP (Baraka Siki)	HFO (IPP)	6x18.415	105	105	0	0	100	100			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	145	140	150	150			
45	Sikalbaha 225 MW CCGP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0		225	Under maint.
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	215	306	300	300			
47	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	50	100			
48	Juldah 100 MW PP Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	20	60	100	100			
49	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	85	100	100			
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
51	Barakunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	20	20	22	22			
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			38	42	10	35			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	12	50	100			
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	10	54			
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
55	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	746.6	953	1341	1545	132	405	
56	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	80	135	100	135			
57	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	25	38	38	40			
58	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1775	221	221	218	215	215	215			
59	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	280	280	360	360			
60	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	275	15	360	360			
61	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	5	30	50	50			
62	Asnuganj 190MW PP (APSCL)	Gas (IPP)	20'9.73+1'16	195	195	8	36	8	45			
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43			
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	110	150	150			
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
66	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	90	90	90	90			
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	100	200			
68	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	21	21	22	22			
69	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	5	8	5	5			
70	Jengalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	21	33	33			
71	Jengalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
72	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	15	20	20	20			
73	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	200	200			
74	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	0	0	114	114			
75	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	0	55	113	113			
**	Impoort (Tripura)	India		160	160	106	152	154	173			
Cumilla Zone Total				3040	2980	1204	1269	2227	2470	264	0	
76	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	138	137	150	150			
77	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	22	0	22	22			
78	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	40	50	95			
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	115	115	115			
80	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	16	150	170	200			
81	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.9	0	1.6	0			
Mymensingh Zone Total				645	637	291.9	442	508.6	582	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	12.06.20 (Yesterday)		13.06.20 (Today)		12.06.20 (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)				
82	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	30	30	30	60					
83	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	22	30	30					
84	Fenchugonj 51 MW PP (Barakatul)	Gas (RPP)	19x2.90	51	51	53	53	51	51			68		
85	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	49	46	44	44					
86	Kushiana 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	163	163	163					
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11					
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	29	61	61	66					
89	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	244	243	275	275					
90	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	77	77	77	77					
91	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	150	150	150	150					
92	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18					
93	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0					
94	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10					
95	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x8.34	25	25	24	24	24	24					
96	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	295	341	341					
97	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			400		
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0					
	Sylhet Zone Total			2033	1988	1114	1203	1285	1320	0	468			
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16					
99	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	335	345	410	410					
100	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	35					
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	70					
102	Khulina 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225					
103	Khulina 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115					
104	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	50	100					
105	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40					
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	105	105					
107	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	105					
**	Bheramara (HVDC)	India		1000	1000	550	945	562	954					
	Khulina Zone Total			2288	2284	885	1445	1382	2175	0	0			
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	50	110					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	13	29	30	33					
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	70	68	90	90			126		
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1x196	95	95	71	76	75	75					
112	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	501	500	660	660					
	Barishal Zone Total			1054	1054	655	783	905	968	0	126			
113	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	70	50	100		Gas Shortage		
114	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50					
115	Baghabari 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200					
116	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	50					
117	Ammura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	12	40	40	40					
118	Chapanawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	60	50	100					
119	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	46	46					
120	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50					
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	34					
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage		
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	192	187	200	200					
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	192	192	210	210					
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	404	422	410	410					
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	21	20	20					
127	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	11	11					
128	Ulapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
129	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	43	43					
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	109	50	113					
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	50	113					
	Rajshahi Zone Total			2193	2183	839	1053	1461	1751	381	0			
132	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		
133	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150					
134	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	20					
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2'3	113	113	0	112	50	113					
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	12	0	20					
137	Majpara, Tabula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	2.4	0	8	0					
	Rangpur Zone Total			685	605	152	274	208	303	170	0			
	Sub-total: Plants in operation			20279	19788	7773.9	10167	12970	15115	1288	2116			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7407	9687	12357	14401					
(B) Contract expired power plants														
Sub-Total: Plants under long term maintenance				0	0	0	0	0	0					
Gross Total				20279	19788	7774	10167	12970	15115	1288	2116			
(C) Actual data of 12.06.20 (Yesterday) Friday :														
01.	Max. Demand (Generation end)	:	10167.00	MW.	at =	21:00 hrs P	12. Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	9687.00	MW.	at =	21:00 hrs P	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	10698.00	MW.	at =	1:00 hrs	Dhaka	3137	3137	0	Mymensingh	865	865	0
04.	Minimum Generation (Generation end)	:	7016.00	MW.	at =	17:00 hrs	Chattogram	930	930	0	Sylhet	416	416	0
05.	Day-peak Generation (Generation end)	:	7773.90	MW.	at =	9:00 hrs	Khulina	1252	1252	0	Barishal	316	316	0
06.	Evening-peak Generation (Generation end)	:	10167.00	MW.	at =	21:00 hrs	Rajshahi	1074	1074	0	Rangpur	686	686	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW.	at =	21:00 hrs P	Cumilla	1011	1011	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	7512.40	MW.	at =	5:00 hrs am								
09.	Generation shortfall at evening peak due to :													
	a) Gas limitation	:	986	MW			13. Fuel cost :		(a) Gas =	153257814	Taka	(c) Coal =	74010943	Taka
	d) Coal supply Limitation	:	170	MW				(b) Oil =	307013334	Taka	Total =	534282091	Taka	
	b) Low water level in Kaptai lake	:	132	MW										
	c) Plants under shut down/ maintenance	:	2116	MW										
10.	Total Energy (Generation + India Import)	:	211.71	MKWh			14.	Maximum Temperature in Dhaka was : 31.7° C						
	By Gas =	130.657	MKWh	By Oil =	43.324	MKWh	15.	Export through East-West interconnections :						
	By Coal =	16.001	MKWh	By Hydro =	2.363	MKWh		At evening peak-hour		:	-30	MW.	at	21:00 hrs PM
	By Solar =	0.184	MKWh					Maximum		:	-357	MW.	at	5:00 hrs
								Energy		:	0.744	MKWh		
11.	Total Gas Supplied	:	1111.18	MMCFD										
(D) Forecast of 13.06.20 (Today) Saturday :														
01.	Maximum Demand	:	11000	MW	(Generation end)		04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	15115	MW	(Generation end)		05.	Total Generation : 217.68 MKWh						
03.	Maximum Shortage	:	-4115	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka : 35.6° C						

* Captive Power ** Imported Power

#Remarks: Highest Generation 12993MW on 29-05-2019 at 21:00

(Fazul Islam Shaker)
Deputy Secretary, Generation