



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551995

Month June, 2020					Day : Wednesday					Date : 24.06.20				
Probable Maximum Demand : 12000 MW					Probable Maximum Generation : 14790 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 84.00 ft					Today = 83.98 ft				
					Rule Curve = 82.11 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	23.06.20 (Yesterday)		24.06.20 (Today)		23.06.20 (Yesterday)		Status of Machines under shut-down/ Maintenance			
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	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)		
(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 CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.		
	c) Ghorasal Repowered CCPP 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 CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	300	300	300					
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	90	95	100	100					
4	Ghorasal 78.5 MW PP (MAX)	Gas (QRPP)	2x40	78	78	65	66	78	78	12		Gas Shortage		
5	Tongi 80 MW GTTP	Gas (PDB)	1 x 105	105	105	0	0	0	0	105		Gas Shortage		
6	Haripur GTTP	Gas (PDB)	1 x 32	32	20	0	0	0	0	20		Gas Shortage		
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	347	353	360	360					
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	390	420	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 CCPP	Gas (EGCB)	1x273+1x139	412	412	0	0	0	0		412	Under Maint.		
11	Siddhirganj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	35	94	0	100	116		Gas Shortage		
12	Siddhirganj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	213	170	220	220					
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	80	97	100	100					
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	255	270	305	305					
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	100	100	100					
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	95	96	100	100					
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	41	41	41	42					
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	87	100	100	100					
19	Gagnagar 102 MW PP (Digital Pow	HFO (IPP)	12x8.924	102	102	102	102	102	102					
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIPP, REB)	8x2.90	22	22	19	22	22	22					
21	Summit Power, (Madhadi+Ashulia)	Gas (SIIPP, REB)	6x3.67+1x8.73	80	80	55	55	55	55					
22	Maona 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	33	33	33	33					
23	Rupganj 33 MW PP(Summit)	Gas (SIIPP, REB)	4x8.73	33	33	33	25	33	33					
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	20	43	35	50					
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	108	108	100	100					
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	133	100	149					
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	13	0	49	52					
28	Kamalaghat 54 MW PP (Barco Energy)	HFO (IPP)	3x18.69	54	54	53	53	54	54					
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	268	283	300	300					
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	131	131	149	149					
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x1.4	300	300	70	0	100	300					
32	Bramhangon 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100					
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	80	100					
34	Nababganj 55 MW PP (Southern p	HFO (IPP)	3x19.3	55	55	55	55	55	55					
35	Manikganj 55 MW PP (Northern)	HFO (IPP)	3x19.3	55	55	55	55	55	55					
36	Bosila 108MW PP(CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0					
	Sonargono 104 MW (Orion)				30	0	0	0	0					
Dhaka Zone Total				6015	5791	3078	3335	3661	4099	253	1117			
37	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	99	98	100	100	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	4.1	0	5	0					
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	4	25	25	25					
41	Teknaf 20MW PP (Solarsitech)	Solar (IPP)	1x20	20	20	15.56	0	20	0					
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	31	19	50	50					
43	Sikalbaha 105 MW PP (Baraka Sil)	HFO (IPP)	6x18.415	105	105	34	34	100	100					
44	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	140	150	150					
45	Sikalbaha 225 MW CCPP	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	307	308	300	300					
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	60	10	80	100					
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100					
49	Dohazari -Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	102	100	100					
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0					
51	Barabkunda 22 MW PP (Regent)	Gas (SIIPP, PDB)	8x2.90	22	22	20	20	22	22					
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			2	27	10	30					
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	95	51	80	100					
53	Sikalbaha 54 MW Power Plant(Jodiad Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	10	54					
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110					
55	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	100	100	100	100					
Chattogram Zone Total				2326	2266	1154.66	1178	1392	1531	132	405			
56	a) Ashuganj TPP Unit- 3	Gas (APSCL)	1 x 150	150	135	100	100	100	100	35				
	b) Ashuganj TPP Unit- 4	Gas (APSCL)	1 x 150	150	129	100	100	100	100	29				
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage		
57	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	38	42	38	42					
58	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	184	188	215	215					
59	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	0			Under inspection		
60	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	310	315	360	360					
61	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	49	52	50	50					
62	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	8	8	26	26					
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	25	26	43	43					
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	143	148	150	150					
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50					
66	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	85	91	90	90					
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	105	100	200					
68	Feni 22MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	11	21	22	22					
69	Feni 11 MW PP (Doreen)	Gas (SIIPP, REB)	4x2.90	11	11	5	8	8	11					
70	Jangalia 33MW PP (Summit)	Gas (SIIPP, PDB)	4x8.73	33	33	25	25	32	32					
71	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	8	52	52	52					
72	Cumilla 25 MW PP (Summit)	Gas (SIIPP, REB)	3x3.67+2x6.97	25	25	21	12	21	22					
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	114	114	114					
75	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	105	104	113	113					
**	Impoport (Tripura)	India		160	160	128	164	154	173					
Cumilla Zone Total				3040	2980	1345	1675	1988	2165	198	0			
76	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	136	156	150	160					
77	Tangail 22 MW PP (Doreen)	Gas (SIIPP, PDB)	8x2.90	22	22	20	20	22	22					
78	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	33	25	25	30					
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x8.87	115	115	108	115	115	115					
80	Myensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	170	185	170	200					
81	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.5	0	1.6	0					
Myensingh Zone Total				645	637	467.5	501	483.6	527	0	0			

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						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	Probable start-up date
82	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	58	59	60	60				
83	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.	
84	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	47	50	51	51				
85	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	39	40	44	44				
86	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	163	163	163				
87	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	53	61	66				
89	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	292	302	330	330				
90	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	79	79	80	80				
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	0	17	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)	3x9.34	25	25	24	24	24	25				
96	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	285	300	341	341				
97	Bibiyan-II 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
	Bibiyan South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total						1247	1288	1373	1379	0	460		
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
99	Bheramara 410 MW CCPP	Gas (NWPGCL)	1 x 278+1 x 132	410	410	340	345	410	410				
100	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	22	0	30				
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	20	0	60				
102	Khulna 225 MW CCPP	HSD (NWPGCL)	1 x 150+1x75	230	230	0	0	0	225				
103	Khulna 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	100	60	100				
105	Noapara 40 MW PP (Khanjahan Al	HFO (QRPP)	5x8.5	40	40	16	40	40	40				
106	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	0	70	105	105				
107	Madhumati 100 MW PP	HFO (NWPGCL)	6x18.415	105	105	0	105	100	105				
**	Bheramara (HVDC)	India		1000	1000	561	938	959	959				
Khulna Zone Total						2288	2284	917	1755	1789	2165	0	127
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	96	110	80	110				
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	16	38	30	33				
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	68	67	68	68		127	GT-2 Under maint.	
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	78	78	78	78				
112	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	0	0	0	660				
Barishal Zone Total						1054	1054	258	293	256	949	0	127
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	0	0	100		Gas Shortage	
114	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50				
115	Baghabari 200 MW PP (Paramoun	HSD (IPP)	135x1.6	200	200	0	0	200	200				
116	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	41	0	40				
117	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	40	40				
118	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	50	100	100	100				
119	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44	43	45				
120	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	33	0	35				
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	186	198	200	200				
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	196	192	210	210				
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	398	399	410	410				
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	21	21	21				
127	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	11	11	11				
128	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11				
129	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	36	43	43	43				
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	70	70	113				
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	108	113	70	113				
Rajshahi Zone Total						2193	2183	1011	1376	1479	1692	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	149	150	150				
134	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	113	113	90	113				
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	10	0	20				
137	Majpara, Tatalia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	6.3	0	8	0				
Rangpur Zone Total						685	605	269	272	248	283	170	0
Sub-total: Plants in operation						20279	19788	9747.5	11673	12670	14790	1134	2109
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss								9251	11079	12025	14037		
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0			
Gross Total					20279	19788	9747	11673	12670	14790	1134	2109	
(C) Actual data of 23.06.20 (Yesterday) Tuesday :													
01.	Max. Demand (Generation end)	:	11673.00	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)	:	11079.00	MW, at = 21:00 hrs P		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	11693.00	MW, at = 22:00 hrs		MW	MW	MW		MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	8500.10	MW, at = 7:00 hrs		Dhaka	3751	3751	0	Mymensingh	924	924	0
05.	Day-peak Generation (Generation end)	:	9747.46	MW, at = 12:00 hrs		Chattogram	1095	1095	0	Sylhet	475	475	0
06.	Evening-peak Generation (Generation end)	:	11673.00	MW, at = 21:00 hrs		Khulna	1431	1431	0	Barishal	348	348	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1217	1217	0	Rangpur	758	758	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	8976.90	MW, at = 7:00 hrs		Cumilla	1080	1080	0				
09.	Generation shortfall at evening peak due to :	:				Total							
	a) Gas limitation	:	832	MW		Total							
	d) Coal supply Limitation	:	170	MW		Total =							
	b) Low water level in Kaptai lake	:	132	MW									
	c) Plants under shut down/ maintenance	:	2109	MW									
10.	Total Energy (Generation + India Import)	:	243.02	MKWh									
	By Gas =	132.671	MKWh	By Oil =	80.045								
	By Coal =	3.666	MKWh	By Hydro =	2.221								
	By Solar =	0.158	MKWh										
11.	Total Gas Supplied	:	1155.99	MMCFD									
(D) Forecast of 24.06.20 (Today) Wednesday :													
01.	Maximum Demand	:	12000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)							
02.	Maximum Generation	:	14790	MW (Generation end)	05.	Total Generation : 249.40 MKWh							
03.	Maximum Shortage	:	-2790	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 34.2° C							
* Captive Power ** Imported Power													
#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00													
(Fazoul Islam Shaker) Deputy Secretary, Generation													