



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month June, 2020		Day : Monday				Date : 01.06.20						
Probable Maximum Demand :		11200 MW		Yesterday = 78.75 ft		Today = 79.44 ft		Probable Maximum Generation : 14945 MW		Rule Curve = 76.00 ft		
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.05.20 (Yesterday)		01.06.20 (Today)		31.05.20 (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 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	220	150	150	220			
	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	0	0	0	0		365	Under maint.
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	3x3.35	108	108	85	106	108	108			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	66	68	78	78		10	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)	2 x 32	64	40	0	0	0	0		40	Gas Shortage
7	Haripur 360MW CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	352	333	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	420	450	450			
9	210 MW Siddhirgonj 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	355	341	412	412			
11	Siddhirgonj 2'120 MW GTPP	Gas (EGCB)	2 x 105	210	210	155	155	100	150		55	Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	217	190	220	230			
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	25	92	50	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	295	285	150	300			
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	65	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	65	95	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	50	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	16	102	50	102			
20	Narshingi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	41	45	45	45			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	28	28	33	33			
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	29	22	30	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	0	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	25	100	149			
27	Katpotti 52 MW PP (Siraha)	HFO (IPP)	7x7.90	51	51	0	0	48	48			
28	Kamalaghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	0	200	100	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	100	149	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	0	100	300			
32	Bramhanganj 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurahi 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
34	Nababganj 55 MW PP (Southern pt)	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				6047	5811	2518	3108	3511	4495	210	890	
37	Karnaphuli Hydro PP Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	60	66	75	75	164		Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	95	100	100			
	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	6.4	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	19.9	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	12	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	140	139	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	180	303	230	300			
47	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	50	100			
48	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	30	75	100	100			
49	Dohazari -Kalaish 100 MW Peaking	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 (SIPP, PDB)	8x2.90	22	22	21	21	22	22			
*	Malancha, Ctg.EPZ (Unite)	Gas	5x8.73+3x9.34			3	25	10	25			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	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. Juldah unit-2	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
Chattogram Zone Total				2226	2166	645.3	938	1247	1511	164	405	
55	a) Ashuganj TPP Unit- 3	Gas (APSCCL)	1 x 150	150	135	80	135	100	135			
	b) Ashuganj TPP Unit- 4	Gas (APSCCL)	1 x 150	150	129	0	0	0	0	129		Gas Shortage
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage
56	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	20	20	40	42			
57	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	181	138	225	225			
58	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	250	295	200	360			
59	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	275	335	360	360			
60	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	5	6			
61	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*16	195	195	68	68	65	65			
62	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	51	51	50	51			
63	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	0	70	100	150			
64	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
65	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	91	92	90	92			
66	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	100	200			
67	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	13	22	22			
68	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	7	11	11			
69	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33			
70	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
71	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	20	20	20	20			
72	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x1.515+1x1.05	200	200	0	0	0	200			
73	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114			
74	Chowmuhani 113 MW Import (Tripura)	HFO (IPP)	12*9.78+2*3.1	113	113	0	113	113	113			
**		India		160	160	114	154	154	173			
Cumilla Zone Total				3040	2980	1215	1549	1854	2474	263	0	
75	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	139	138	180	200			
76	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
77	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	0	54	50	95			
78	Jamalpur 115 MW PP (Unite)	HFO (IPP)	12x9.87	115	115	85	115	115	115			
79	Mymensingh 200 MW PP (Unite)	HFO (IPP)	21x9.780	200	200	16	188	170	200			
80	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.4	0	1.6	0			
Mymensingh Zone Total				645	637	263.4	517	538.6	632	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	31.05.20 (Yesterday)		01.06.20 (Today)		31.05.20 (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)				
81	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	71	53	70	70					
82	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.		
83	Fenchugonj 51 MW PP (Barakatalul)	Gas (RPP)	19x2.90	51	51	50	50	51	51					
84	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44					
85	Kushihara 163 MW CCGP (KP)	Gas (IPP)	1x109+1x54	163	163	130	110	163	163					
86	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
87	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	40	66	66					
88	Shahjibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	230	241	240	245		89	ST under maint.		
89	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	74	50	80	80					
90	Sylhet 150 MW CCGP	Gas (PDB)	1x142	142	142	150	150	150	150					
91	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	19	18	20					
92	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0					
93	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10					
94	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	16	16	24	24					
95	Bibiana-II 341 MW CCGP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	290	341	341		51	Gas Shortage		
96	Bibiyana-III 400 MW CCGP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.		
Sylhet Zone Total				1944	1899	1209	1120	1298	1305	0	600			
97	Bheramara GTPP Unit-1,2 & 3	HSD (PDB)	3 x 20	60	46	0	0	0	45					
98	Bheramara 410 MW CCGP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	360	365	340	410					
99	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	20	0	37					
100	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	60	0	70					
101	Khulna 225 MW CCGP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	225					
102	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	99	99	99					
103	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	90	50	100					
104	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40					
105	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	50	105					
106	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	105	100	105					
**	Bheramara (HVDC)	India		1000	1000	939	937	807	955					
Khulna Zone Total				2328	2314	1299	1716	1486	2191	0	0			
107	Barisal GT PP Unit-1& 2	HSD (PDB)	2 x 20	40	30	0	0	0	30					
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	64	110	50	110					
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	18	30	30	33					
110	Bhola 225 MW CCGP	Gas (PDB)	2x63+1x68	194	194	0	70	70	70		124	Under maint.		
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	90	83	95	95					
	Payra 1320 MW					0	0	0	0					
Barishal Zone Total				472	462	172	295	245	338	0	124			
112	a) Baghabani 71 MW GTPP	Gas (PDB)	1 x 71	71	71	60	0	0	0	71		Gas Shortage		
	b) Baghabani 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage		
113	Baghabani 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	34					
114	Baghabani 200 MW PP (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	200	200					
115	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	70					
116	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	40	40	40					
117	Chapainawabganj 100 MW Peaking	HFO (PDB)	12x8.924	104	104	0	51	50	100					
118	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	46	46					
119	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	42	42					
120	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	34					
121	Sirajgonj 225MW CCGP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	0	0	0	210			Gas Shortage		
122	Sirajgonj 225MW CCGP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	168	193	200	200	27		Gas Shortage		
123	Sirajgonj 225MW CCGP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	202	210	210	210	10		Gas Shortage		
124	Sirajgonj 400 MW CCGP Unit-4	Gas (IPP)	1x282+1x132	414	414	409	415	410	410					
125	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	20	20	20					
126	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	8	10	10					
127	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11					
128	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	43	43					
129	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	109	50	113					
130	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	0	50	113					
Rajshahi Zone Total				2193	2183	872	1057	1382	1696	418	0			
131	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		
132	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	149	150	150					
133	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	20					
134	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	0	113	50	113					
135	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	12	0	20					
136	Majpara, Tatula 8 MW Solar PP (Sympa)	Solar (IPP)	1 x 8	8	8	3	0	8	0					
Rangpur Zone Total				685	605	153	274	208	303	170	0			
Sub-total: Plants in operation				19580	19057	8346.7	10574	11770	14945	1225	2019			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss														
					7894	10001	11132	14135						
(B) Contract expired power plants														
137	Shahjibazar 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			Contract expired		
Sub-Total: Plants under long term maintenance				50	50	0	0	0	0					
Gross Total				19630	19107	8346.7	10574	11770	14945	1225	2019			
(C) Actual data of 31.05.20 (Yesterday) Sunday :														
01.	Max. Demand (Generation end)	:	10574.00	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)	:	10001.00	MW,	at =	21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10574.00	MW,	at =	21:00 hrs	Dhaka	3240	3240	0	Mymensingh	904	904	0
04.	Minimum Generation (Generation end)	:	6486.50	MW,	at =	6:00 hrs	Chattogram	988	988	0	Sylhet	355	355	0
05.	Day-peak Generation (Generation end)	:	8346.70	MW,	at =	12:00 hrs	Khulna	1301	1301	0	Barishal	317	317	0
06.	Evening-peak Generation (Generation end)	:	10574.00	MW,	at =	21:00 hrs	Rajshahi	1156	1156	0	Rangpur	703	703	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	21:00 hrs P	Cumilla	1037	1037	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	7009.80	MW,	at =	5:00 hrs am								
09.	Generation shortfall at evening peak due to :	:												
	a) Gas limitation	:	891	MW			13.	Fuel cost :						
	d) Coal supply Limitation	:	170	MW				(a) Gas =	165256033	Taka	(c) Coal =	19812810	Taka	
	b) Low water level in Kaptai lake	:	164	MW				(b) Oil =	248848737	Taka	Total =	433917581	Taka	
	c) Plants under shut down/ maintenance	:	2019	MW			14.	Maximum Temperature in Dhaka was :		35° C				
10.	Total Energy (Generation + India Import)	:	204.51	MKWh			15.	Export through East-West interconnections :						
	By Gas =	140.237	MKWh					At evening peak-hour		-347	MW,	at	21:00 hrs PM	
	By Coal =	3.656	MKWh					Maximum		-347	MW,	at	21:00 hrs	
	By Solar =	0.198	MKWh					Energy		3.086	MKWh			
11.	Total Gas Supplied	:	1236.57	MMCFD										
(D) Forecast of 01.06.20 (Today) Monday :														
01.	Maximum Demand	:	11200	MW	(Generation end)		04.	Maximum Load-shed		0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14945	MW	(Generation end)		05.	Total Generation		216.62	MKWh			
03.	Maximum Shortage	:	-3745	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :		35.2° C				

* Captive Power ** Imported Power

#Remarks: Highest Generation 12893MW on 29-05-2019 at 21:00

(Fazul Islam Shaker)
Deputy Secretary, Generation