



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564567, 9551095

Month July, 2020			Day : Monday		Date : 20.07.20						
Probable Maximum Demand : 11500 MW			Yesterday = 88.34 ft		Probable Maximum Generation : 14537 MW						
Water Level of Kaptai Lake at 06:00 AM			Today = 88.39 ft		Rule Curve = 87.04 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.07.20 (Yesterday)		20.07.20 (Today)		19.07.20 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	20.07.20 (Today) Machines shut down (MW)	Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Day	Evening			
(A) Plants in operation:											
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	33	33	35	35	52	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	180	180	180	180		
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254-1x 126	365	365	120	120	120	120		
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	3x3.35	108	108	22	22	25	25		
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	0	0	0	0	78	Gas Shortage
5	Tongi 80 MW GTPP	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	343	353	360	360		
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	360	390	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	340	322	412	412		
11	Siddhirgonj 2120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	100	100	210	Gas Shortage
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	302	300	0	0		
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	0	0		
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	145	130	150	150		
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	0	0	0	0		
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	94	96	100	100		
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	30	47	47	47		
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	94	100	100		
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	0	100	100		
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	0	22	22	22		
21	Summit Power,(Madhadi-Ashulia)	Gas (SIIP, REB)	6x3.67+1x7.3	80	80	51	53	55	55		
22	Maona 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33		
23	Rupganj 33 MW PP(Summit)	Gas (SIIP, REB)	4x8.73	33	33	33	33	33	33		
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	48	52	35	50		
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	105	100	100		
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	82	149	149		
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0		
28	Kamalaghat 54 MW PP (Banco 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	267	269	300	300		
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	125	133	149	149		
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	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	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		
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	90	90	90	90		
Dhaka Zone Total			6119	5895	2779	3122	3539	3824	413	517	
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	144	147	147	147	86	Low Water Level
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	95	95	95		
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180	Under maint.
40	Kaptai 7 MW Solar PP	Solar (PDB)	7	7	7	1.6	0	5	0		
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25		
42	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	16.2	0	20	0		
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	18	50	50		
44	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	17	100	100		
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	140	150	150		
46	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225	Under maint.
47	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+ 3x8.04	300	300	250	233	300	300		
48	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	100	100	100		
49	Juldah 100 MW Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	100	100	100	100		
50	Dohazari -Kalais 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	85	100	102		
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0		
52	Barakunda 22 MW PP (Regent)	Gas (SIIP, PDB)	8x2.90	22	22	17	19	20	20		
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34	108	108	4	20	10	20		
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	97	100	100		
54	Sikalbaha 54 MW Power Plant(Jodioc Power)	HFO (IPP)	3x18.55+1x3.6	54	54	1	54	50	54		
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110		
56	Juldah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100		
Chattogram Zone Total			2326	2266	867.8	1140	1522	1573	86	405	
57	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	100	100	100	100		
	c) Ashuganj TPP Unit- 5	Gas (APSCL)	1 x 150	150	134	0	0	0	0	134	Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	46	42	46	46		
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	207	180	216	216		
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	295	290	360	360		
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	335	320	360	360		
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	51	55		
63	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	16	8	8	8		
64	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43		
65	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	138	135	150	150		
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	42	0	42		
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	92	86	95	95		
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	52	200	200		
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	0	22	22	22		
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	8	11	11		
71	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	33	33	33	33		
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	43	43	43		
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	20	18	21	21		
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+4x1.515+15x1.05	200	200	0	0	0	200		
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	34	114	114		
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	84	113	113	113		
**	Impoport (Tripura)	India		160	160	118	152	154	173		
Cumilla Zone Total			3040	2980	1540	1726	2140	2405	269	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	97	141	160	160		
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	0	22	22		
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	89	72	95	95		
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	115	100	115	115		
81	Myemsingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	70	100	170	200		
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	0.7	0	1.6	0		
Myemsingh Zone Total			645	637	391.7	413	563.6	592	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.07.20 (Yesterday)		20.07.20 (Today)		19.07.20 (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)			
83	Fenchugonj CAPP Phase-1	Gas (PDB)	2x32+1x33	97	70	89	90	90	90				
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	43	46	44	44				
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	110	163	163	163				
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11	11	11				
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	56	63	61	66				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	326	163	163	163				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	78	79	75	75				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	0	0	0	0		231	Equipment commissioning 20/7/2020	
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18				
94	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0				
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
96	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	24	16	24	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	295	280	341	341				
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.	
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0				
Sylhet Zone Total					2033	1988	1140	1022	1081	1087	0	691	
99	Bheramara GTPP Unit-3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	370	315	410	410				
101	Fairpur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	0	20	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	48	60				
103	Khulna 225 MW CCPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	225				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	32	115	115	115				
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	86	60	100				
106	Noapara 40 MW PP (Khanjahan Al)	HFO (QRPP)	5x8.5	40	40	32	32	40	40				
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	70	105	105				
108	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	938	937	947	947				
Khulna Zone Total					2288	2284	1372	1555	1845	2148	0	0	
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	16	110	110	110				
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	19	38	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	89	89	89	89		105	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	42	74	78	79				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	462	550	600	600				
Barishal Zone Total					1054	1054	628	861	910	911	0	105	
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0	0	60	71		Gas Shortage	
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50	0	50				
116	Baghabari 200 MW PP (Paramour)	HSD (IPP)	135x1.6	200	200	0	0	200	200				
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	42	0	40				
118	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0				
119	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	100	100	100				
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	47	43	45				
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	34	0	35				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWP/GCL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150+1x75	220	220	197	166	200	200				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	175	163	210	210				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	406	384	410	410				
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	21	22	22				
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	10	11	11				
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	52	52	52				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	35	70	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	110	70	113				
Rajshahi Zone Total					2193	2183	814	1225	1449	1722	381	0	
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage	
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0	0	85			Coal Shortage	
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	149	150	150				
135	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0				
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2'3	113	113	46	108	90	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	10	0	12				
138	Majpara, Talulia 8 MW Solar PP (Sympa I)	Solar (IPP)	1 x 8	8	8	3.4	0	8	0				
Rangpur Zone Total					685	605	199	267	248	275	170	0	
Sub-total: Plants in operation					20383	19892	9731.9	11331	13298	14537	1319	1718	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss							9245	10764	12632	13810			
(B) Contract expired power plants													
Sub-Total: Plants under long term maintenance					0	0	0	0	0	0			
Gross Total					20383	19892	9732	11331	13298	14537	1319	1718	
(C) Actual data of 19.07.20 (Yesterday) Sunday :													
01.	Max. Demand (Generation end)	: 11331.00	MW, at = 20:00 hrs P	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :								
02.	Max. Demand (Sub-station end)	: 10764.00	MW, at = 20:00 hrs P		Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed		
03.	Highest Generation (Generation end)	: 11749.00	MW, at = 1:00 hrs		MW	MW	MW		MW	MW	MW		
04.	Minimum Generation (Generation end)	: 8976.20	MW, at = 8:00 hrs	Dhaka	3935	3935	0	Mymensingh	715	715	0		
05.	Day-peak Generation (Generation end)	: 9731.90	MW, at = 12:00 hrs	Chattogram	1021	1021	0	Sylhet	459	459	0		
06.	Evening-peak Generation (Generation end)	: 11331.00	MW, at = 20:00 hrs	Khulna	1486	1486	0	Barishal	342	342	0		
07.	Evening Peak Load-shed (Sub-station end)	: 0.00	MW, at = 20:00 hrs	Rajshahi	1097	1097	0	Rangpur	684	684	0		
08.	Actual Minimum Generation up to 8:00 hrs.	: 8114.90	MW, at = 7:00 hrs am	Cumilla	1025	1025	0						
09.	Generation shortfall at evening peak due to :							Total	10764	10764	0		
	a) Gas limitation	: 1063	MW	13.	Fuel cost :		(a) Gas = 160671189 Taka	(c) Coal = 78547634 Taka					
	d) coal supply Limitation	: 170	MW				(b) Oil = 470425632 Taka	Total = 709644455 Taka					
	b) Low water level in Kaptai lake	: 86	MW										
	c) Plants under shut down/ maintenance	: 1718	MW	14.	Maximum Temperature in Dhaka was :		33.3° C						
10.	Total Energy (Generation + India Import)	: 248.17	MKWh	15.	Export through East-West interconnections :								
	By Gas = 140.754	MKWh	By Oil = 61.054	MKWh	At evening peak-hour :		94	MW, at 20:00 hrs PM					
	By Coal = 17.029	MKWh	By Hydro = 3.431	MKWh	Maximum :		-80	MW, at 2:00 hrs					
	By Solar= 0.101	MKWh			Energy :		0.13	MKWh					
11.	Total Gas Supplied	: 1131.82	MMCFD										
(D) Forecast of 20.07.20 (Today) Monday :													
01.	Maximum Demand	: 11500	MW (Generation end)	04.	Maximum Load-shed		: 0	MW	At evening peak (Sub-station end)				
02.	Maximum Generation	: 14537	MW (Generation end)	05.	Total Generation		: 242.91	MKWh					
03.	Maximum Shortage	: -3037	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :		33.1° C						

*Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation