



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month July, 2020		Day : Wednesday				Date : 29.07.20											
Probable Maximum Demand :		11500 MW		Yesterday =		89.95 ft		Today =		89.86 ft		Probable Maximum Generation :		15001 MW			
Water Level of Kaptai Lake at 06:00 AM		Yesterday =		89.95 ft		Today =		89.86 ft		29.07.20 (Today)		29.07.20 (Yesterday)		Rule Curve =		88.49 ft	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.07.20 (Yesterday)		29.07.20 (Today)		Probable Peak Generation (MW)	28.07.20 (Yesterday) Gen. shortfall for : Gas/water/Coal limitation MW	29.07.20 (Today) Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	Description/ Remarks	Probable start-up date			
					Actual Peak Generation (MW)	Evening	Actual Peak Generation (MW)	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	150	180	180								
	d) Ghorasal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0	190		Gas Shortage					
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	106	250	250								
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	3x3x35	108	108	0	92	93	93								
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	64	65	70	70	13		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	344	354	360	360								
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	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	332	321	412	412								
11	Siddhirgonj 2*120 MW GTTP	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage					
12	Siddhirgonj 335 MW CCPP	Gas (EGCB)	1 x 217+1x118	335	335	320	329	330	330								
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	78	85	80	80								
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55								
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	12	88	100	100								
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	0	0	0	0								
20	Narsingdi 22 MW PP (Doreen)	Gas (SIIP, REB)	8x2.90	22	22	22	22	22	22								
21	Summit Power,(Madhadi-Ashulia)	Gas (SIIP, REB)	6x3.67+1x7.3	80	80	49	43	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	0	52	35	50								
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	52	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	300	300	300	300								
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	149	131	149	149								
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6.14	300	300	0	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(IEI)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	0	0								
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	0	0	0	0								
Dhaka Zone Total				6119	5895	2604	3192	3835	4120	538	337						
38	Karnaphuli Hydro PP Unit-1,2,3,4,	Hydro (PDB)	2x40, 3x50	230	230	142	146	147	147	84		Low Water Level					
39	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	90	90	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	3.3	0	5	0								
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	16	8	25	25								
42	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	0	0	20	0								
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	18	12	50	50								
44	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	17	17	100	100								
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	140	140	140								
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	289	307	300	300								
48	Julidah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	100	100								
49	Julidah 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	68	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	18	18	20	20								
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	29	10	25								
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	12	91	100	100								
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	54	54	50	54								
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110								
56	Julidah unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100								
Chattogram Zone Total				2326	2266	1000.3	1180	1512	1568	84	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	90	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	42	42	46	46								
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	205	182	216	216								
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	285	275	360	360								
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	320	300	360	360								
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	20	25	25								
63	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	36	36	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	70	140	150	150								
66	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	42								
67	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	96	90	95	95								
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	200	200								
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	16	21	22	22								
70	Feni 11 MW PP (Doreen)	Gas (SIIP, REB)	4x2.90	11	11	8	11	11	11								
71	Jangalia 33MW PP (Summit)	Gas (SIIP, PDB)	4x8.73	33	33	25	25	33	33								
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	24	48	43	43								
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	15	22	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	68	114	114								
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	113	113	113	113								
**	Impoport (Tripura)	India		160	160	122	158	157	173								
Cumilla Zone Total				3040	2980	1515	1694	2117	2375	269	0						
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	98	142	120	150								

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.07.20 (Yesterday)		29.07.20 (Today)		28.07.20 (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	86	90	91	91				
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	42	48	50	50				
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	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	57	61	61	66				
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	263	254	270	270				
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	80	88	83	83				
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	140	150	151	151				
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	9	10	10	10				
96	Shahjahanulla 25 MW PP	Gas (CIIP, REB)	3x9.34	25	25	8	7	25	25				
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	290	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	1257	1273	1355	1360	0	460		
99	Bheramara GTPP Unit-3	HSD (PDB)	1 x 20	20	16	0	0	0	16				
100	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	390	340	410	410				
101	Fairdur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	0	0	30				
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60				
103	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225				
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	115	115	115	115				
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	46	60	100				
106	Noapara 40 MW PP (Khanjahan Al)	HFO (QRPP)	5x8.5	40	40	16	40	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 (NWPGL)	6x18.415	105	105	0	0	100	100				
**	Bheramara (HVDC)	India		1000	1000	922	931	946	946				
	Khulna Zone Total			2288	2284	1443	1542	1776	2147	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	15	40	33	33				
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	65	65	89	89		129	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	78	78	80	80				
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	440	557	600	600				
	Barishal Zone Total			1054	1054	614	850	912	912	0	129		
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	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	
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	8	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	0	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	44	0	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	33	0	35				
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210		Gas Shortage	
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	188	177	200	200				
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	179	173	210	210				
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	395	381	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	12	12	11	11				
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	8	8	11	11				
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	44	52	52				
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109	113	113				
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	34	111	113	113				
	Rajshahi Zone Total			2193	2183	943	1221	1492	1662	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	151	150	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	113	113	113	113				
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	8	0	12				
138	Majpara, Tatalia 8 MW Solar PP (Sympa I)	Solar (IPP)	1 x 8	8	8	0.4	0	8	0				
	Rangpur Zone Total			685	605	264	271	271	275	170	0		
	Sub-total: Plants in operation			20383	19892	10012.9	11797	13824	15001	1442	1331		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss					9580	11287	13226	14352				
	(B) Contract expired power plants												
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0				
	Gross Total			20383	19892	10013	11797	13824	15001	1442	1331		
	(C) Actual data of 28.07.20 (Yesterday) Tuesday :												
01.	Max. Demand (Generation end)			11797.00	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)			11287.00	MW, at = 21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)			11797.00	MW, at = 21:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)			8881.60	MW, at = 8:00 hrs	Dhaka	3705	3705	0	Mymensingh	933	933	0
05.	Day-peak Generation (Generation end)			10012.90	MW, at = 12:00 hrs	Chattogram	1198	1198	0	Sylhet	502	502	0
06.	Evening-peak Generation (Generation end)			11797.00	MW, at = 21:00 hrs	Khulna	1439	1439	0	Barishal	341	341	0
07.	Evening Peak Load-shed (Sub-station end)			0.00	MW, at = 21:00 hrs	Rajshahi	1245	1245	0	Rangpur	778	778	0
08.	Actual Minimum Generation up to 8:00 hrs.			8257.90	MW, at = 7:00 hrs am	Cumilla	1146	1146	0				
09.	Generation shortfall at evening peak due to :									Total	11287	11287	0
	a) Gas limitation			1188	MW	13.	Fuel cost :	(a) Gas = 163446293	Taka	(c) Coal = 71138466	Taka		
	d) coal supply Limitation			170	MW		(b) Oil = 475449377	Taka	Total = 710034136	Taka			
	b) Low water level in Kaptai lake			84	MW								
	c) Plants under shut down/ maintenance			1331	MW	14.	Maximum Temperature in Dhaka was :	33.0° C					
10.	Total Energy (Generation + India Import)			246.63	MKWh	15.	Export through East-West interconnections :						
	By Gas = 140.884			MKWh	By Oil = 61.262		At evening peak-hour :	-32	MW, at 21:00 hrs PM				
	By Coal = 15.343			MKWh	By Hydro = 3.585		Maximum :	-32	MW, at 21:00 hrs				
	By Solar= 0.115			MKWh			Energy :	0.076	MKWh				
11.	Total Gas Supplied			1172.84	MMCFD								
	(D) Forecast of 29.07.20 (Today) Wednesday :												
01.	Maximum Demand			11500	MW (Generation end)	04.	Maximum Load-shed	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation			15001	MW (Generation end)	05.	Total Generation	240.42	MKWh				
03.	Maximum Shortage			-3501	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	33.0° C					

*Captive Power ** Imported Power

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation