



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564567, 9551095

Month July, 2020		Day : Tuesday					Date : 28.07.20										
Probable Maximum Demand :		12000 MW					Probable Maximum Generation :			14861 MW							
Water Level of Kaptai Lake at 06:00 AM		Yesterday =			Today =			Rule Curve =			27.07.20						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.07.20		28.07.20		28.07.20		27.07.20		Status of Machines under shut-down/ Maintenance				
					(Yesterday)		(Today)		(Today)		(Yesterday)						
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)	Actual Peak Generation (MW)	Probable Peak Generation (MW)							
<div style="display: flex; justify-content: space-between;"> Yesterday = 89.96 ft Today = 89.95 ft Rule Curve = 88.32 ft </div>												27.07.20		28.07.20		27.07.20	
				Gas/water/Coal limitation		Machines shut down (MW)		Description/ Remarks		Probable start-up date							
				Day		Evening		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	0	0	0	0			190	Under maint.				
2	Ghorasal 365 MW CCPP Unit-7	Gas (PDB)	1x 254-1x 126	365	365	200	200	200	200								
3	Ghorashtal 108MW PP (Regent)	Gas (IPP)	3x3x35	108	108	88	92	93	93								
4	Ghorashtal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	64	66	70	70			12	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	345	355	360	360								
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	450	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	323	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	328	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	140	150	150								
15	Meghnaghat 100 MW(IEL)	HFO (QRPP)	12x8.9	100	100	0	0	0	0								
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	77	77	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	0	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	19	22	22	22								
21	Summit Power,(Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.87+1x8.73	80	80	55	55	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	25	33	33	33								
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	25	35	50								
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	34	106	100	100								
26	Kodda 150MW PP	HFO (BPOB-RPCL)	9x17.06	149	149	0	48	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	286	300	300	300								
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	6x18.415+1x8.97	149	149	132	149	149	149								
31	Keranigonj 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(LOC)	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	104	104								
Dhaka Zone Total			6119	5895	1271	3137	3709	3994	347	707							
38	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	219	145	147	147			85	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	4.6	0	5	0								
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	8	25	25	25								
42	Teknaf 20MW PP (Solarsat)	Solar (IPP)	1x20	20	20	19.9	0	20	0								
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	18	47	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 (Unitec)	HFO (IPP)	17x17.076+ 3x8.04	300	300	306	307	300	300								
48	Juldah 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	10	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	19	20	20	20								
*	Malancha, Ctg EPZ (Unitec)	Gas	5x8.73+3x9.34			2	25	10	25								
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	12	91	100	100								
54	Sikalbaha 54 MW Power Plant(Jodioc Power)	HFO (IPP)	3x18.55+1x3.6	54	54	17	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	90	100	100	100								
Chattogram Zone Total			2326	2266	963.5	1256	1512	1568	85	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	120	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	39	42	46	46								
59	Ashuganj 225 MW CCPP	Gas (APSCL)	1x142+1*75	221	221	195	215	216	216								
60	Ashuganj 450 MW CCPP(South)	Gas (APSCL)	1x360	360	360	290	280	360	360								
61	Ashuganj 450 MW CCPP(North)	Gas (APSCL)	1x361	360	360	350	320	360	360								
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	25	25	25	25								
63	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20*9.73+1*16	195	195	16	16	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	76	140	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	95	94	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	18	18	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	0	43	43	43								
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	18	22	21	21								
74	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	8x1.4+4x1.15+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	54	114	114								
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	113	113	113	113								
**	Impoort (Tripura)	India		160	160	142	166	157	173								
Cumilla Zone Total			3040	2980	1553	1789	2117	2375	269	0							
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	102	102	120	150								
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	20	22	22	22								
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	95	95	95								
80	Jamalpur 115 MW PP (Unitec)	HFO (IPP)	12x9.														

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	27.07.20 (Yesterday)		28.07.20 (Today)		27.07.20 (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	91	91					
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30			60	GT-4 Under maint.	
85	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	50	53					
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	46					
87	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163					
88	Hobiganj 11MW PP Confidence-E	Gas (SIIP, REB)	4x2.90	11	11	11	11					
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	59	61					
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	261	253					
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	84	85					
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	146	145					
93	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18					
94	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0					
95	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	9	10					
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	8	8					
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	290					
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0			400	Under maint.	
	Bibiana South 400 MW	Gas (PDB)				0	0					
	Sylhet Zone Total		2033	1988	1243	1264	1355	1360	0	460		
99	Bheramara GTPP Unit-3	HSD (PDB)	1 x 20	20	16	0	0					
100	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	350	345					
101	Fairdur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0					
102	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0					
103	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0					
104	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	115	115					
105	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.515	100	100	0	100					
106	Noapara 40 MW PP (Khanjahan Al	HFO (QRPP)	5x8.5	40	40	0	33					
107	Rupsha 105 MW PP (Orion rupsha	HFO (IPP)	6x18.445	105	105	0	35					
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0					
**	Bheramara (HVDC)	India		1000	1000	926	927					
	Khulna Zone Total		2288	2284	1391	1555	1762	2133	0	0		
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110					
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	27	41					
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	89	89			105	GT-2 Under maint.	
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	74	80					
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	478	494					
	Barishal Zone Total		1054	1054	668	814	912	912	0	105		
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	0					Gas Shortage
	b) Baghabari 100 MW GTPP	Gas (PDB)	1 x 100	100	100	60	0			100		Gas Shortage
115	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	50					
116	Baghabari 200 MW PP (Paramoun	HSD (IPP)	135x1.6	200	200	0	0			200		
117	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	28					
118	Amnura 50 MW PP(Sinha)	HFO (QRPP)	7x7.79	50	50	0	0					
119	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	98					
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	44					
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	8					
122	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	33					
123	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0			210		Gas Shortage
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	182	172			200		
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	191	172			210		
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	425	401			410		
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	21			22		
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	9	12			11		
129	Ullapara 11 MW PP (Summit)	Gas (SIIP, REB)	4x2.90	11	11	5	8			11		
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	52			52		
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	109	109			113		
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	93			113		
	Rajshahi Zone Total		2193	2183	1002	1301	1492	1662	381	0		
133	a) Barapukuria TPP Unit-1	Coal (PDB)	1 x 125	125	85	0	0			85		Coal Shortage
	b) Barapukuria TPP Unit-2	Coal (PDB)	1 x 125	125	85	0	0			85		Coal Shortage
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	149			150		
135	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0			0		
136	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2'3	113	113	71	113			113		
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	8			0		
138	Majpara, Tatalia 8 MW Solar PP (Sympa I	Solar (IPP)	1 x 8	8	8	3.8	0			8		
	Rangpur Zone Total		685	605	225	270	271	275	170	0		
	Sub-total: Plants in operation		20383	19892	10052.3	11885	13684	14861	1252	1677		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss				9645	11404	13130	14260				
	(B) Contract expired power plants											
	Sub-Total: Plants under long term maintenance		0	0	0	0	0	0	0	0		
	Gross Total		20383	19892	10052	11885	13684	14861	1252	1677		
	(C) Actual data of 27.07.20 (Yesterday) Monday :											
01.	Max. Demand (Generation end)		11885.00	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)		11404.00	MW, at = 21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)		11885.00	MW, at = 21:00 hrs P	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)		9323.50	MW, at = 8:00 hrs	Dhaka	3870	3870	0	Mymensingh	920	920	0
05.	Day-peak Generation (Generation end)		10052.30	MW, at = 12:00 hrs	Chattogram	1227	1227	0	Sylhet	468	468	0
06.	Evening-peak Generation (Generation end)		11885.00	MW, at = 21:00 hrs	Khulna	1463	1463	0	Barishal	343	343	0
07.	Evening Peak Load-shed (Sub-station end)		0.00	MW, at = 21:00 hrs	Rajshahi	1263	1263	0	Rangpur	719	719	0
08.	Actual Minimum Generation up to 8:00 hrs.		8881.60	MW, at = 7:00 hrs am	Cumilla	1131	1131	0				
09.	Generation shortfall at evening peak due to :								Total	11404	11404	0
	a) Gas limitation		997	MW	13.	Fuel cost :	(a) Gas = 166517792	Taka	(c) Coal = 71785461	Taka		
	d) Coal supply Limitation		170	MW		(b) Oil = 483402272	Taka	Total = 721705525	Taka			
	b) Low water level in Kaptai lake		85	MW								
	c) Plants under shut down/ maintenance		1677	MW	14.	Maximum Temperature in Dhaka was :	34.4° C					
10.	Total Energy (Generation + India Import)		250.14	MKWh	15.	Export through East-West interconnections :						
	By Gas = 143.782	MKWh		By Oil = 61.811	MKWh	At evening peak-hour :	-60	MW, at 21:00 hrs PM				
	By Coal = 15.493	MKWh		By Hydro = 3.203	MKWh	Maximum :	-101	MW, at 20:00 hrs				
	By Solar= 0.109	MKWh				Energy :	0.1915	MKWh				
11.	Total Gas Supplied		1175.39	MMCFD								
	(D) Forecast of 28.07.20 (Today) Tuesday :											
01.	Maximum Demand		12000	MW (Generation end)	04.	Maximum Load-shed	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation		14861	MW (Generation end)	05.	Total Generation	252.56	MKWh				
03.	Maximum Shortage		-2861	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	33° C					

*Captive Power ** Imported Power

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

(Fazul Islam Shaker)
Deputy Secretary, Generation