



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel: 9564667, 9551095

Month July, 2020		Day: Monday				Date: 27.07.20						
Probable Maximum Demand :		12700 MW				Probable Maximum Generation : 14942 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 89.94 ft		Today = 89.96 ft		Rule Curve = 88.16 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.07.20 (Yesterday)		27.07.20 (Today)		26.07.20 (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 : Gas/water/Coal limitation (MW)	Machines shut down (MW)		
					Day	Evening	Day	Evening			Description/ Remarks	Probable start-up date
(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	190	200	200			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	3x3.35	108	108	85	93	93	93			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	65	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	344	348	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	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	346	324	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	322	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	145	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	78	102	102			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	50	55	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	12	95	100	100			
19	Gaganagar 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, (Madhabdi-Ashulia)	Gas (SIIP, REB)	6x3.67+7x8.73	80	80	54	54	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	2	52	35	50			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	70	106	100	100			
26	Kodda 150MW PP	HFO (BPOB-RPCL)	9x17.06	149	149	16	138	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	154	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	70	50	100			
33	Auraha 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	102	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(PLC)	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	18	104	104			
Dhaka Zone Total				6119	5895	2925	3409	3731	4016	347	707	
38	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	150	147	117	117		83	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	6.2	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	8	25	25			
42	Teknaf 20MW PP (SolarTech)	Solar (IPP)	1x20	20	20	0	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	49	50	50	50			
44	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	51	17	100	100			
45	Sikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	90	141	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	Julidah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	20	100	100			
49	Julidah 100 MW Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
50	Dohazari -Kalaisa 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	102	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	20	20	20			
*	Malancha Ctg EPZ (Unitec)	Gas	5x8.73+3x9.34	108	108	3	24	10	25			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	12	82	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 (Acom)	HFO (IPP)	8x13.6	100	100	90	100	100	100			
Chattogram Zone Total				2326	2266	1019.2	1262	1482	1538	83	405	
57	a) Ashuganj TPP Unit-3	Gas (APSCCL)	1 x 150	150	135	0	0	0	0		135	Gas Shortage
	b) Ashuganj TPP Unit-4	Gas (APSCCL)	1 x 150	150	129	100	80	100	100			
	c) Ashuganj TPP Unit-5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0		134	Gas Shortage
58	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	39	39	46	46			
59	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	187	212	216	216			
60	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	290	280	360	360			
61	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	295	325	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	30	25	51	51			
63	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*16	195	195	8	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	140	145	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	95	95	95			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	200	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	18	20	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	33	25	33	33			
72	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	5	43	43	43			
73	Cumilla 25 MW PP (Summit)	Gas (SIIP, REB)	3x3.67+2x6.97	25	25	21	21	21	21			
74	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	8x1.4+4x1.15+15x1.05	200	200	0	40	0	200			
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	114	114	114			
76	Chowmahani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	113	113	113	113			
**	Impoport (Tripura)	India		160	160	136	154	156	173			
Cumilla Zone Total				3040	2980	1562	1993	2142	2401	269	0	
77	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	99	100	120	150			
78	Tangail 22 MW PP (Doreen)	Gas (SIIP, PDB)	8x2.90	22	22	22	22	22	22			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	82	95	95	95			
80	Jamalpur 115 MW PP (Unitec)	HFO (IPP)	12x9.87	115	115	95	95	115	115			
81	Mymensingh 200 MW PP (Unitec)	HFO (IPP)	21x9.780	200	200	193	200	200	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.2	0	1.6	0			
Mymensingh Zone Total				645	637	492.2	532	553.6	582	0	0	

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	26.07.20 (Yesterday)		27.07.20 (Today)		26.07.20 (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	91	91	91			
84	Fenchugonj CAPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30			
85	Fenchugonj 51 MW PP (Barakalat)	Gas (RPP)	19x2.90	51	51	47	53	51	51			
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	45	45	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	60	61	66			
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	161	162	270	270			
91	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	84	84	83	83			
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	110	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	10	10	10	10			
96	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	8	0	24	25			
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	325	300	341	341			
98	Bibiana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0			
	Bibiana South 400 MW	Gas (PDB)				0	0	0	0			
	Sylhet Zone Total			2033	1988	1158	1177	1354	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	365	345	410	410			
101	Fairpur 50 MW Peaking PP	HFO (PDB)	6x6.98	54	54	0	11	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 (KPL-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	100	60	100			
106	Noapara 40 MW PP (Khanjahan Al)	HFO (QRPP)	5x8.5	40	40	24	40	40	40			
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	105	105	105			
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	15	100	100			
**	Bheramara (HVDC)	India		1000	1000	927	932	936	936			
	Khulna Zone Total			2288	2284	1431	1663	1766	2137	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	21	41	33	33			
111	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	88	89	89	89			
112	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	75	76	78	79			
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	455	545	600	600			
	Barishal Zone Total			1054	1054	655	861	910	911	0	105	
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	60	60			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	40			
119	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	48	98	100	100			
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	45	0	45			
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	25	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			Gas Shortage
124	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150+1x75	220	220	175	179	200	200			
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	193	176	210	210			
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	403	406	410	410			
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	20	21	22	22			
128	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	9	11	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	8	52	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	48	111	113	113			
	Rajshahi Zone Total			2193	2183	1021	1366	1552	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	149	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	10	0	12			
138	Majpara, Talulia 8 MW Solar PP (Sympa I)	Solar (IPP)	1 x 8	8	8	0	0	8	0			
	Rangpur Zone Total			685	605	262	273	271	275	170	0	
	Sub-total: Plants in operation			20383	19892	10525.4	12536	13762	14942	1250	1677	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss												
	Sub-Total: Plants under long term maintenance			0	0	0	0	0	0			
	Gross Total			20383	19892	10525	12536	13762	14942	1250	1677	
(C) Actual data of 26.07.20 (Yesterday) Sunday :												
01.	Max. Demand (Generation end)	:	12536.00	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)	:	12070.00	MW, at = 21:00 hrs P	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	12552.00	MW, at = 22:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	9271.30	MW, at = 7:00 hrs	Dhaka	4095	4095	0	Mymensingh	963	963	0
05.	Day-peak Generation (Generation end)	:	10525.40	MW, at = 12:00 hrs	Chattogram	1185	1185	0	Sylhet	523	523	0
06.	Evening-peak Generation (Generation end)	:	12536.00	MW, at = 21:00 hrs	Khulna	1573	1573	0	Barishal	366	366	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Rajshahi	1363	1363	0	Rangpur	798	798	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	9323.50	MW, at = 7:00 hrs	Comilla	1204	1204	0				
09.	Generation shortfall at evening peak due to :	:							Total	12070	12070	0
	a) Gas limitation	:	997	MW	13.	Fuel cost :	(a) Gas = 159959090	Taka	(c) Coal = 76193495	Taka		
	d) Coal supply Limitation	:	170	MW		(b) Oil = 647385893	Taka	Total = 883538478	Taka			
	b) Low water level in Kaptai lake	:	83	MW								
	c) Plants under shut down/ maintenance	:	1677	MW	14.	Maximum Temperature in Dhaka was :	34.5° C					
10.	Total Energy (Generation + India Import)	:	263.53	MKWh	15.	Export through East-West interconnections :						
	By Gas = 139.027	MKWh	By Oil = 78.862	MKWh		At evening peak-hour :	-166	MW, at 21:00 hrs PM				
	By Coal = 16.492	MKWh	By Hydro = 3.545	MKWh		Maximum :	-166	MW, at 21:00 hrs				
	By Solar= 0.080	MKWh				Energy :	0.279	MKWh				
11.	Total Gas Supplied	:	1154.42	MMCFD								
(D) Forecast of 27.07.20 (Today) Monday :												
01.	Maximum Demand	:	12700	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	14942	MW (Generation end)	05.	Total Generation	:	266.64	MKWh			
03.	Maximum Shortage	:	-2242	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	32.2° C					

*Captive Power ** Imported Power

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

(Faouzi Islam Shaker)
Deputy Secretary, Generation