



**Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT**

Office of the Member, Generation
Tel : 9564667, 9551095

Month July, 2020		Day : Saturday				Date : 25.07.20						
Probable Maximum Demand :		11600 MW		Probable Maximum Generation :		14684 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 89.66 ft		Today = 89.84 ft		Rule Curve = 87.84 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.07.20 (Yesterday)		25.07.20 (Today)		24.07.20 (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)		
(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 CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.
	c) Ghorasal Repowered CCGP 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 CCGP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	120	120	120	120			
3	Ghorashal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	90	93	93	93			
4	Ghorashal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	68	68	70	70			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)	1 x 32	32	20	0	0	0	0		20	Gas Shortage
7	Haripur 360MW CCGP(HPL)	Gas (IPP)	1x235+1x125	360	360	354	352	360	360			
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	420	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 CCGP	Gas (EGCB)	1x273+1x139	412	412	348	334	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 CCGP	Gas (EGCB)	1 x 217+1x118	335	335	335	328	330	330		7	Under maint.
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	0	0			
14	Meghnaghat CCGP(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	48	95	102	102			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	15	30	55	55			
18	Keraniganj 100 MW PP (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	20	100	100			
19	Gagnagar 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	16	85	100	100			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	22	22	22			
21	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x6.73	80	80	47	55	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
23	Rugganj 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
24	Gazipur 52 MW PP	HFO (RPCL)	6x8.90	52	52	0	0	35	50			
25	Gazipur 100 MW PP	HFO (RPCL)	6x18.415	105	105	0	34	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	48	149	149			
27	Katpotti 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	0	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	79	300	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	103	149	133	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	300	300	0	0	100	300			
32	Bramhangoan 100 MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurahati 100MW PP (Aggreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	80	100			
34	Nababganj 55 MW PP (Southern px)	HFO (IPP)	3x19.3	55	55	0	55	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			
37	Meghnaghat 104 MW PP (OPSL)	HFO (IPP)	6x18.5	104	104	18	18	104	104			
Dhaka Zone Total				6119	5895	2305	3003	3735	4036	345	714	
38	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	115	145	147	147	85		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	5.8	0	5	0			
41	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
42	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	10.3	0	20	0			
43	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	50	50			
44	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	100	100			
45	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0		150	Under maint.
46	Sikalbaha 225 MW CCGP	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	240	307	300	300			
48	Juldah 100 MW Unit-1 (Acom)	HFO (QRPP)	8x13.45	100	100	0	0	100	100			
49	Juldah 100 MW PP Unit-3 (Acom)	HFO (IPP)	8x13.45	100	100	90	100	100	100			
50	Dohazari -Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	56	100	102			
51	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
52	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	0	20	20			
*	Malancha, Ctg.EPZ (United)	Gas	5x8.73+3x9.34			10	38	10	30			
53	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	72	100	100			
54	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	17	50	54			
55	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
56	Juldah unit-2 (Acom)	HFO (IPP)	8x13.6	100	100	86	100	100	100			
Chattogram Zone Total				2326	2266	672.1	930	1372	1433	85	555	
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	42	42	46	46			
59	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1*75	221	221	219	200	216	216			
60	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	320	300	360	360			
61	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	320	330	360	360			
62	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	5	55	55			
63	Ashuganj 55 MW PP (AP-SCL-United)	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	0	100	150	150			
66	Titans 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	42			
67	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	87	96	95	95			
68	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	200	200			
69	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	11	22	22			
70	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11			
71	Jangalia 33MW PP (Summit)	Gas (SIPP, 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 (SIPP, REB)	3x3.67+2x6.97	25	25	15	21	21	21			
74	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	9x1.4+40x1.515+15x1.054	200	200	0	0	0	200			
75	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	0	114	114			
76	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	8	113	113	113			
**	Impoport (Tripura)	India		160	160	100	118	160	173			
Cumilla Zone Total				3040	2980	1300	1574	2150	2405	269	0	
77	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	157	154	160	160			
78	Tangail 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
79	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	8	95	95	95			
80	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	7	75	115	115			
81	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	103	200	170	200			
82	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.4	0	1.6	0			
Mymensing Zone Total				645	637	298.4	546	563.6	592	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	24.07.20 (Yesterday)		25.07.20 (Today)		24.07.20 (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 CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	43	73	73	73						
84	Fenchugonj CCPP Phase-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30		60	GT-4 Under maint.			
85	Fenchugonj 51 MW PP (Barakatull)	Gas (RPP)	19x2.90	51	51	47	50	51	51						
86	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	50	50	50						
87	Kushira 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	130	163	163	163						
88	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11						
89	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	61	61	66						
90	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	162	163	163	163						
91	Shahjibazar 86MW PP (Shahjibaza)	Gas (RPP)	32x2.90	86	86	10	83	83	83						
92	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	21	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	8	24	25						
97	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	310	270	341	341						
98	Bibiyana-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0		400	Under maint.			
	Bibiyana South 400 MW	Gas (PDB)				0	0	0	0						
Sylhet Zone Total				2033	1988	904	1140	1229	1235	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	410	370	410	410						
101	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	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 MW PP (KPCL-2)	HFO (QRPP)	7x17	115	115	16	115	115	115						
105	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	49	60	100						
106	Noapara 40 MW PP (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	32	40	40						
107	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	35	105	105						
108	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	0	100	100						
**	Bheramara (HVDC)	India		1000	1000	729	923	934	934						
Khulna Zone Total				2288	2284	1195	1524	1764	2135	0	0				
109	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	110	110	110						
110	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	25	39	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	34	76	78	79						
113	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	417	516	600	600						
Barishal Zone Total				1054	1054	565	830	910	911	0	105				
114	a) Baghabari 71 MW GTPP	Gas (PDB)	1 x 71	71	71	0	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	0	0	50						
116	Baghabari 200 MW PP (Paramount)	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 Peaking	HFO (PDB)	12x8.924	104	104	0	100	100	100						
120	Katakali 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	47	0	45						
121	Katakali 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50						
122	Santahr 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	170	200	200						
125	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	196	170	210	210						
126	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	410	415	410	410						
127	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22						
128	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	11	12	11	11						
129	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11						
130	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	52	52						
131	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6x18.55	113	113	0	109	113	113						
132	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	90	113	113						
Rajshahi Zone Total				2193	2183	831	1179	1492	1662	381	0				
133	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			
134	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	151	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	0	112	113	113						
137	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	9	0	12						
138	Majjpara, Tatulia & MW Solar PP (Sympa P)	Solar (IPP)	1 x 8	8	8	4.2	0	8	0						
Rangpur Zone Total				685	605	154	272	271	275	170	0				
Sub-total: Plants in operation				20383	19892	8224.7	10998	13487	14684	1250	1834				
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7896	10558	12947	14097						
(B) Contract expired power plants															
Sub-Total: Plants under long term maintenance			0	0	0	0	0	0	0						
Gross Total				20383	19892	8225	10998	13487	14684	1250	1834				
(C) Actual data of 24.07.20 (Yesterday) Friday :															
01.	Max. Demand (Generation end)			10998.00	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)			10558.00	MW, at = 21:00 hrs P		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)			11028.00	MW, at = 22:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)			7677.90	MW, at = 9:00 hrs		Dhaka	3436	3436	0	Mymensingh	953	953	0	
05.	Day-peak Generation (Generation end)			8224.70	MW, at = 11:00 hrs		Chattogram	1081	1081	0	Sylhet	467	467	0	
06.	Evening-peak Generation (Generation end)			10998.00	MW, at = 21:00 hrs		Khulna	1367	1367	0	Barishal	315	315	0	
07.	Evening Peak Load-shed (Sub-station end)			0.00	MW, at = 21:00 hrs P		Rajshahi	1167	1167	0	Rangpur	730	730	0	
08.	Actual Minimum Generation up to 8:00 hrs.			8330.20	MW, at = 7:00 hrs am		Cumilla	1042	1042	0					
09.	Generation shortfall at evening peak due to :						Total		10558	10558	0				
	a) Gas limitation		995	MW		13.	Fuel cost :	(a) Gas =	152052744	Taka	(c) Coal =	74074853	Taka		
	d) Coal supply Limitation		170	MW			(b) Oil =	352635163	Taka	Total =	578762760	Taka			
	b) Low water level in Kaptai lake		85	MW											
	c) Plants under shut down/ maintenance		1834	MW		14.	Maximum Temperature in Dhaka was :		32.5° C						
10.	Total Energy (Generation + India Import)			223.28	MKWh		15.	Export through East-West interconnections :							
	By Gas =	133.392	MKWh	By Oil =	47.538	MKWh	At evening peak-hour		-14	MW, at	21:00	hrs PM			
	By Coal =	16.015	MKWh	By Hydro =	3.013	MKWh	Maximum		-64	MW, at	20:00	hrs			
	By Solar =	0.185	MKWh				Energy		0.04	MKWh					
11.	Total Gas Supplied			1086.85	MMCFD										
(D) Forecast of 25.07.20 (Today) Saturday :															
01.	Maximum Demand			11600	MW (Generation end)		04.	Maximum Load-shed					0	MW	At evening peak (Sub-station end)
02.	Maximum Generation			14684	MW (Generation end)		05.	Total Generation					234.86	MKWh	
03.	Maximum Shortage			-3084	MW (Generation end)		06.	Probable Max. Temperature in Dhaka :					32.8° C		

* Captive Power ** Imported Power

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

(Faouzul Islam Shaker)
Deputy Secretary, Generation