



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel. 9564667, 9551025

Month July, 2020		Day : Wednesday				Date : 01.07.20						
Probable Maximum Demand :		11800 MW		Probable Maximum Generation :		15383 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 83.24 ft		Today = 83.34 ft		Rule Curve = 84.00 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.06.20 (Yesterday)		01.07.20 (Today)		Gen. shortfall for : Gas/water/Coal limitation (MW)	Machines shut down (MW)	Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)				Description/ Remarks	Probable start-up date
					Day	Evening	Day	Evening				
(A) Plants in operation:												
1	a) Ghorassal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	35	35	35	35		50	Unit 2 under maint.
	b) Ghorassal Repowered CCPP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.
	c) Ghorassal Repowered CCPP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	STC Commissioning
	d) Ghorassal TPP Unit-5	Gas (PDB)	1 x 210	210	190	0	0	0	0		190	Under maint.
2	Ghorassal 365 MW CCPP Unit-7	Gas (PDB)	1x 254+1x 126	365	365	204	204	205	205			
3	Ghorassal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	97	104	100	100			
4	Ghorassal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	69	68	78	78	10		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 CCPP(HPL)	Gas (IPP)	1x235+1x125	360	360	347	349	360	360			
8	Meghnaghat 450 MW CCPP(MPL)	Gas (IPP)	2x140+1x170	450	450	400	380	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	30	396	412	412			
11	Siddhirgonj 2*120 MW GTPP	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	323	280	320	320			
13	Siddhirgonj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	97	98	100	100			
14	Meghnaghat CCPP(Summit)	GAS (IPP)	2x110+1x110	305	305	275	260	305	305			
15	Meghnaghat 100 MW(EL)	HFO (QRPP)	12x8.9	100	100	100	96	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	95	78	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	0	100	100			
19	Gaganraj 102 MW PP (Digital Pow)	HFO (IPP)	12x8.924	102	102	93	93	93	93			
20	Narshingdi 22 MW PP (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22			
21	Summit Power, (Madhabdi-Ashulia)	Gas (SIPP, REB)	6x3.67+6x7.3	80	80	55	55	55	55			
22	Maona 33 MW PP(Summit)	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33			
23	Rupganj 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	105	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	0	48	100	149			
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	0	0			
28	Kamalghat 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	253	195	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	142	145	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	25x6x1.4	300	300	0	0	100	300			
32	Branhanganj 100 MW PP (Agreko)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100			
33	Aurahati 100MW PP (Agreko)	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	46	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			
	Sonargoan 104 MW (Orion)	HFO (IPP)				0	0	0	0			
Dhaka Zone Total				6015	5791	2912	3295	4014	4348	345	705	
37	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	103	108	107	108	122		Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	95	100	100			
	b) Chattogram TPP-2	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	Under maint.
39	Kaptai 7 MW Solar PP	Solar (PDB)		7	7	6	0	5	0			
40	Raozan 25 MW PP	HFO (RPCL)	3x8.9	25	25	5	25	25	25			
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	19.8	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	18	50	50	50			
43	Sikalbaha 105 MW PP (Baraka Sik)	HFO (IPP)	6x18.415	105	105	0	0	100	100			
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	139	104	150	150			
45	Sikalbaha 225 MW CCPP	Gas (PDB)	1 x 150+1 x 75	225	225	0	0	0	0	225		Under maint.
46	Anwara 300 MW PP (United)	HFO (IPP)	17x17.076+3x8.04	300	300	304	253	300	300			
47	Juldah 100 MW Unit-1 (Accorn)	HFO (QRPP)	8x13.45	100	100	0	0	80	100			
48	Juldah 100 MW PP Unit-3 (Accorn)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
49	Dohazari-Kalaish 100 MW Peakin	HFO (PDB)	6x17.0	102	102	0	102	100	102			
50	Hathazari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	0	0	0			
51	Barabkunda 22 MW PP (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	18	18	22	22			
*	Melanacha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	35	10	35			
52	Chattogram 108 MW PP (ECPV)	HFO (IPP)	16x7.00	108	108	0	0	80	100			
53	Sikalbaha 54 MW Power Plant(Jodiac Power)	HFO (IPP)	3x18.55+1x3.6	54	54	0	0	10	54			
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
55	Juldah unit-2 (Accorn)	HFO (IPP)	8x13.6	100	100	100	100	100	100			
Chattogram Zone Total				2326	2266	909.8	990	1409	1556	122	405	
56	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	80	135	100	129			
	c) Ashuganj TPP Unit- 5	Gas (APSCCL)	1 x 150	150	134	0	0	0	0	134		Gas Shortage
57	Ashuganj 50 MW PP	Gas (APSCCL)	14x3.968	53	45	40	41	41	41			
58	Ashuganj 225 MW CCPP	Gas (APSCCL)	1x142+1*75	221	221	188	183	215	215			
59	Ashuganj 450 MW CCPP(South)	Gas (APSCCL)	1x360	360	360	280	280	360	360			
60	Ashuganj 450 MW CCPP(North)	Gas (APSCCL)	1x361	360	360	310	310	360	360			
61	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15*4	55	55	5	46	50	50			
62	Ashuganj 195MW PP (APSCCL)	Gas (IPP)	20*9.73+1*116	195	195	8	8	8	8			
63	Ashuganj 51 MW PP (Midland)	Gas (IPP)	6x9.34	51	51	43	43	43	43			
64	Ashuganj 150MW PP (Midland)	HFO (IPP)	23x7.015	150	150	20	100	150	150			
65	Titus 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
66	Chandpur 150 MW CCPP	Gas (PDB)	1X106+1x57	163	163	91	90	90	90			
67	Chandpur 200MW (Desh energy)	HFO (IPP)	12x18.415	200	200	0	0	200	200			
68	Feni 22MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	18	21	22	22			
69	Feni 11 MW PP (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	5	5	5	5			
70	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	25	25			
71	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	45	52	52			
72	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	21	21			
73	Daudkandi 200 MW PP (B.Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.55	200	200	0	0	0	200			
74	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7*18.415+1*9.78	114	114	0	35	114	114			
75	Chowmuhani 113 MW	HFO (IPP)	12*9.78+2*3.1	113	113	104	105	113	113			
**	Impoport (Tripura)	India		160	160	84	106	154	173			
Cumilla Zone Total				3040	2980	1322	1599	2123	2421	269	0	
76	RPCL 210MW CCPP	Gas (IPP)	4x35+1x70	210	202	153	156	160	160			
77	Tangali 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	17	22	22			
78	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	24	24	24	24			
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	110	115	115	115			
80	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	113	170	170	200			
81	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	2.4	0	1.6	0			
Mymensingh Zone Total				645	637	419.4	482	492.6	521	0	0	
82	Fenchugonj CCPP Phase-1	Gas (PDB)	2x32+1x33	97	70	89	91	91	91			

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	30.06.20 (Yesterday)		01.07.20 (Today)		30.06.20 (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-2	Gas (PDB)	2x35+1x35	104	90	30	30	30	30	60	GT-4 Under maint.	
84	Fenchugonj 51 MW PP (Barakatal)	Gas (RPP)	19x2.90	51	51	45	47	51	51			
85	Fenchugonj 44MW (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	41	45	44	44			
86	Kushara 163 MW CCPP (KP)	Gas (IPP)	1x109+1x54	163	163	163	110	163	163			
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
88	Shahjibazar GTPP Unit- 8 & 9	Gas (PDB)	2x35	70	66	48	54	61	66			
89	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	310	308	330	330			
90	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	75	40	80	80			
91	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	151	50	150	150			
92	Sylhet 20 MW GTPP	Gas (PDB)	1 x 20	20	20	18	18	18	18			
93	Sylhet 50MW PP (EPL)	Gas (RPP)	27x2.0	50	50	0	0	0	0			
94	Sylhet 10MW PP (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10			
95	Shahjahanulla 25 MW PP	Gas (CIPP, REB)	3x9.34	25	25	24	24	24	25			
96	Bibiyan-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	300	285	341	341			
97	Bibiyan-III 400 MW CCPP	Gas (PDB)	1x285+1x115	400	400	0	0	0	0	400	Under maint.	
Bibiyan South 400 MW		Gas (PDB)				0	0	0	0			
Sylhet Zone Total				2033	1988	1315	1123	1404	1410	0	460	
98	Bheramara GTPP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16			
99	Bheramara 410 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	350	345	410	410			
100	Faridpur 50 MW Peaking PP	HFO (PDB)	8x6.98	54	54	0	0	0	30			
101	Gopalganj 100 MW Peaking PP	HFO (PDB)	16x6.98	109	109	0	0	0	60			
102	Khulna 225 MW CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	225			
103	Khulna 115 PP MW (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115			
104	Noapara 100 MW PP (Bangla Trac	HSD (IPP)	70x1.4+7x1.5+15	100	100	0	100	60	100			
105	Noapara 40 MW PP (Kharajan Al	HFO (QRPP)	5x8.5	40	40	16	40	40	40			
106	Rupsha 105 MW PP (Orton rupsha	HFO (IPP)	6x18.445	105	105	0	35	105	105			
107	Madhumati 100 MW PP	HFO (NWPGL)	6x18.415	105	105	0	15	100	105			
Bheramara (HVDC)		India		1000	1000	927	926	952	953			
Khulna Zone Total				2288	2284	1293	1576	1782	2159	0	0	
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	96	80	110			
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	26	37	30	33			
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	87	87	87	87	107	GT-2 Under maint.	
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1x196	95	95	79	79	78	78			
112	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	549	588	600	660			
Barishal Zone Total				1054	1054	741	887	875	968	0	107	
113	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	65	65	65	65	35	Gas Shortage	
114	Baghabari 50 MW Peaking PP	HFO (PDB)	6x8.9	52	52	0	0	0	50			
115	Baghabari 200 MW PP (Paramoun	HSD (IPP)	135x1.6	200	200	0	0	200	200			
116	Bera 70 MW Peaking PP	HFO (PDB)	9x8.29	71	71	0	0	0	40			
117	Amnura 50 MW PP (Sinha)	HFO (QRPP)	7x7.79	50	50	0	0	0	0			
118	Chapainawabganj 100 MW Peakin	HFO (PDB)	12x8.924	104	104	0	98	100	100			
119	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	43	43	45			
120	Katakhal 50 MW PP (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50			
121	Santahar 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	0	35			
122	Sirajgonj 225MW CCPP Unit-1	Gas (NWPGL)	1x150+1x75	210	210	0	0	0	0	210	Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWPGL)	1x150 + 1x75	220	220	153	176	200	200			
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWPGL)	1x141+1x79	220	220	159	172	210	210			
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	410	395	410	410			
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	18	21	22	22			
127	Bogra 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	8	8	10	10			
128	Lilapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	5	11	11	11			
129	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	40	43	43			
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6x18.55	113	113	0	0	70	113			
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	113	70	113			
Rajshahi Zone Total				2193	2183	818	1142	1504	1717	316	0	
132	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	
133	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	150	150	150	150			
134	Rangpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	0	0	0			
135	Rangpur 113 MW PP (Confidence)	HFO (IPP)	7*16x 2*3	113	113	5	113	90	113			
136	Saidpur 20 MW GTPP	HSD (PDB)	1 x 20	20	20	0	10	0	20			
137	Majpara, Tatalia 8 MW Solar PP (Symba I	Solar (IPP)	1 x 8	8	8	6.6	0	8	0			
Rangpur Zone Total				685	605	162	273	248	283	170	0	
Sub-total: Plants in operation				20279	19788	9891.8	11367	13852	15383	1222	1677	
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						9406	10809	13172	14628			
(B) Contract expired power plants												
Sub-Total: Plants under long term maintenance						0	0	0	0			
Gross Total				20279	19788	9892	11367	13852	15383	1222	1677	

(C) Actual data of 30.06.20 (Yesterday) Tuesday :		Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :									
01.	Max. Demand (Generation end) : 11367.00 MW, at = 21:00 hrs P	12.	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW	
02.	Max. Demand (Sub-station end) : 10809.00 MW, at = 21:00 hrs P		Dhaka	3770	3770	0	Mymensingh	891	891	0	
03.	Highest Generation (Generation end) : 11367.00 MW, at = 21:00 hrs		Chattoogram	1053	1053	0	Sylhet	379	379	0	
04.	Minimum Generation (Generation end) : 8188.70 MW, at = 7:00 hrs		Khulna	1447	1447	0	Barishal	306	306	0	
05.	Day-peak Generation (Generation end) : 9891.80 MW, at = 12:00 hrs		Rajshahi	1191	1191	0	Rangpur	739	739	0	
06.	Evening-peak Generation (Generation end) : 11367.00 MW, at = 21:00 hrs		Cumilla	1033	1033	0					
07.	Evening Peak Load-shed (Sub-station end) : 0.00 MW, at = 21:00 hrs										
08.	Actual Minimum Generation up to 8:00 hrs. : 9038.80 MW, at = 7:00 hrs										
09.	Generation shortfall at evening peak due to :										
	a) Gas limitation : 930 MW	13.	Fuel cost :	(a) Gas = 167178657 Taka	(c) Coal = 83919249 Taka						
	d) Coal supply Limitation : 170 MW		(b) Oil = 371362790 Taka	Total = 622460696 Taka							
	b) Low water level in Kaplai lake : 122 MW										
	c) Plants under shut down/ maintenance : 1677 MW	14.	Maximum Temperature in Dhaka was :	34.1° C							
10.	Total Energy (Generation + India Import) : 240.44 MKWh	15.	Export through East-West interconnections :								
	By Gas = 143.709 MKWh		At evening peak-hour :	-70 MW, at 21:00 hrs PM							
	By Coal = 18.258 MKWh		Maximum :	-70 MW, at 21:00 hrs							
	By Solar = 0.214 MKWh		Energy :	0.336 MKWh							
11.	Total Gas Supplied : 1194.39 MMCFD										

(D) Forecast of 01.07.20 (Today) Wednesday :		04.		05.		06.	
01.	Maximum Demand : 11800 MW (Generation end)	04.	Maximum Load-shed :	0	MW	At evening peak (Sub-station end)	
02.	Maximum Generation : 15383 MW (Generation end)	05.	Total Generation :	249.60	MKWh		
03.	Maximum Shortage : -3583 MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	33.7° C			

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

(Fazoul Islam Shaker)
Deputy Secretary, Generation