



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month June, 2020		Day : Monday				Date : 29.06.20						
Probable Maximum Demand :		11000 MW		Probable Maximum Generation :		15232 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 83.38 ft		Today = 83.28 ft		Rule Curve = 83.46 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.06.20 (Yesterday)		29.06.20 (Today)		28.06.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :			
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		Description/ Remarks
(A) Plants in operation:												
1	a) Ghorasal TPP (Unit-1&2)	Gas (PDB)	2 x 55	110	85	35	35	35	35		50	Unit 2 under maint.
1	b) Ghorasal Repowered CCGP Unit-3	Gas (PDB)	1 x 210	210	170	0	0	0	0		170	Under maint.
1	c) Ghorasal Repowered CCGP Unit-4	Gas (PDB)	1 x 210	210	180	0	0	0	0		180	STG Commissioning
1	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	20	205	205	205			
3	Ghorasal 108MW PP (Regent)	Gas (IPP)	34x3.35	108	108	95	101	100	100			
4	Ghorasal 78.5 MW PP(MAX)	Gas (QRPP)	2x40	78	78	30	73	78	78		5	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	345	352	360	360			
8	Meghnaghat 450 MW CCGP(MPL)	Gas (IPP)	2x140+1x170	450	450	380	420	450	450			
9	210 MW Siddhirganj 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	0	0	0	0		412	Under Maint.
11	Siddhirganj 2*120 MW GTPP	Gas (EGCB)	2 x 105	210	210	60	90	100	100		120	Gas Shortage
12	Siddhirganj 335 MW CCGP	Gas (EGCB)	1 x 217+1x118	335	335	250	328	320	320			
13	Siddhirganj 100 PP(Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	99	99	100	100			
14	Meghnaghat CCGP(Summit)	GAS (IPP)	2x110+1x110	305	305	245	255	305	305			
15	Meghnaghat 100 MW(IEI)	HFO (QRPP)	12x8.9	100	100	100	100	100	100			
16	Madanganj 102 PP(Summit)	HFO (QRPP)	6x17	102	100	85	96	100	100			
17	Madanganj-55 MW PP(Summit)	HFO (IPP)	5x17.08+1x11.3	55	55	55	40	41	42			
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	84	102	102			
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+7x3.73	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	70	0	100	100			
26	Kodda 150MW PP	HFO (BPDB-RPCL)	9x17.06	149	149	64	0	100	149			
27	Katpott 52 MW PP (Sinha)	HFO (IPP)	7x7.90	51	51	0	0	49	52			
28	Kamalghat 54 MW PP (Banco Energy)	HFO (IPP)	3x18.69	54	54	35	53	54	54			
29	Kodda 300 MW PP Unit-2 (Summit)	HFO (IPP)	18x17.076	300	300	60	115	300	300			
30	Kodda 149 MW PP Unit-1 (Summit)	HFO (IPP)	8x18.415+1x8.97	149	149	129	129	149	149			
31	Keraniganj 300 MW PP (APR)	HSD (IPP)	256x1.4	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	Aurahati 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	17	17	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)				108	108	108	108			
Dhaka Zone Total				6015	5791	2551	2898	3874	4212	250	1117	
37	Karnaphuli Hydro PP Unit-1,2,3,4	Hydro (PDB)	2x40, 3x50	230	230	105	103	105	105	127		Low Water Level
38	a) Chattogram TPP-1	Gas (PDB)	1 x 210	210	180	95	95	100	100			
38	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	1.8	0	5	0			
40	Razzan 25 MW PP	HFO (RPCL)	3x8.9	25	25	0	0	25	25			
41	Teknaf 20MW PP (Solartech)	Solar (IPP)	1x20	20	20	12.78	0	20	0			
42	Patenga 50MW PP (Baraka)	HFO (IPP)	8x6.89	50	50	0	0	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	140	150	150			
45	Sikalbaha 225 MW CCGP	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	190	233	300	300			
47	Julda 100 MW Unit-1 (Acorn)	HFO (QRPP)	8x13.45	100	100	0	0	80	100			
48	Julda 100 MW Unit-3 (Acorn)	HFO (IPP)	8x13.45	100	100	100	100	100	100			
49	Dohazari-Kalaish 100 MW Peaking	HFO (PDB)	6x17.0	102	102	0	51	100	100			
50	Hathezari 100 MW peaking PP	HFO (PDB)	11x8.9	98	98	0	9	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			3	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	16	0	10	54			
54	Karnaphuli Power Ltd.	HFO (IPP)	6x18.41+1x6.4	110	110	0	0	50	110			
55	Julda unit-2 (Acorn)	HFO (IPP)	8x13.6	100	100	90	90	100	100			
Chattogram Zone Total				2326	2266	770.58	874	1407	1551	127	405	
56	a) Ashuganj TPP Unit 3	Gas (APSCL)	1 x 150	150	135	0	0	0	0		135	Gas Shortage
56	b) Ashuganj TPP Unit 4	Gas (APSCL)	1 x 150	150	129	100	80	100	100		49	
56	c) Ashuganj TPP Unit 5	Gas (APSCL)	1 x 150	150	134	0	0	0	0		134	Gas Shortage
57	Ashuganj 50 MW PP	Gas (APSCL)	14x3.968	53	45	41	41	40	42			
58	Ashuganj 225 MW CCGP	Gas (APSCL)	1x142+1x75	221	221	183	181	215	215			
59	Ashuganj 450 MW CCGP(South)	Gas (APSCL)	1x360	360	360	280	310	360	360			
60	Ashuganj 450 MW CCGP(North)	Gas (APSCL)	1x361	360	360	335	320	360	360			
61	Ashuganj 55 MW PP (Precision)	Gas (RPP)	15'4	55	55	25	25	50	50			
62	Ashuganj 195MW PP (APSCL)	Gas (IPP)	20'9.73+1'16	195	195	26	8	8	26			
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	33	10	150	150			
65	Titas 50 MW Peaking PP	HFO (PDB)	6x8.92	52	52	0	0	0	50			
66	Chandpur 150 MW CCGP	Gas (PDB)	1X106+1x57	163	163	88	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	0	8	11			
70	Jangalia 33MW PP (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	32	32			
71	Jangalia 52 MW PP (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	16	21	52			
72	Cumilla 25 MW PP (Summit)	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	9	21	21	22			
73	Daudkandi 200 MW PP (B. Trac)	HSD (IPP)	8x1.4+40x1.515+15x1.05	200	200	0	0	0	200			
74	Feni 114 MW Power Plant(Lakdanavi)	HFO (IPP)	7'18.415+1'9.78	114	114	0	0	114	114			
75	Chowmuhani 113 MW	HFO (IPP)	12'9.78+2'3.1	113	113	113	113	113	113			
**	Impqopt (Tipura)	India		160	160	100	108	154	173			
Cumilla Zone Total				3040	2980	1424	1412	2132	2425	318	0	
76	RPCL 210MW CCGP	Gas (IPP)	4x35+1x70	210	202	154	157	160	160			
77	Tangali 22 MW PP (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	22	22			
78	Jamalpur 95 MW PP(Powerpac)	HFO (IPP)	12x8.924	95	95	24	24	40	40			
79	Jamalpur 115 MW PP (United)	HFO (IPP)	12x9.87	115	115	99	109	115	115			
80	Mymensingh 200 MW PP (United)	HFO (IPP)	21x9.780	200	200	130	192	170	200			
81	Sarishabari 3 MW Solar Plant	Solar (IPP)	12x8.924	3	3	1.2	0	1.6	0			
Mymensingh Zone Total				645	637	428.2	502	508.6	537	0	0	
82	Fenchugonj CCGP Phase-1	Gas (PDB)	2x32+1x33	97	70	74	75	74	74			
83	Fenchugonj CCGP Phase-2	Gas (PDB)	2x35+1x35	104	90	0						

Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	28.06.20 (Yesterday)		29.06.20 (Today)		28.06.20 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for:			
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)		Description/ Remarks
87	Hobiganj 11MW PP Confidence-E	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
88	Shahjibazar GTTP Unit- 8 & 9	Gas (PDB)	2x35	70	66	61	61	61	66			
89	Shahjibazar 330 MW CCPP	Gas (PDB)	2x110-2x110	330	330	292	309	330	330			
90	Shahjibazar 86MW PP (Shahjibaz)	Gas (RPP)	32x2.90	86	86	72	74	80	80			
91	Sylhet 225 MW CCPP	Gas (PDB)	1x142+1x89	231	231	150	150	150	150			
92	Sylhet 20 MW GTTP	Gas (PDB)	1x 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	Bibiana-II 341 MW CCPP (Summit)	Gas (IPP)	1x222+1x119	341	341	290	315	341	341			
97	Bibiyan-II 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	1203	1300	1387	1393	0	460		
98	Bheramara GTTP Unit- 3	HSD (PDB)	1 x 20	20	16	0	0	0	16			
99	Bheramara 410 MW CCPP	Gas (NWP/GCL)	1 x 278+1 x 132	410	410	345	375	410	410			
100	Fardpur 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	Khulina 225 MW CCPP	HSD (NWP/GCL)	1 x 150+1x75	230	230	0	0	0	225			
103	Khulina 115 PP MW (KPCCL-2)	HFO (QRPP)	7x17	115	115	32	99	115	115			
104	Noapara 100 MW PP (Bangla Trac)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	60	100			
105	Noapara 40 MW PP (Khanjahan AI)	HFO (QRPP)	5x8.5	40	40	16	40	40	40			
106	Rupsha 105 MW PP (Orion rupsha)	HFO (IPP)	6x18.445	105	105	0	0	105	105			
107	Madhumati 100 MW PP	HFO (NWP/GCL)	6x18.415	105	105	0	0	100	105			
**	Bheramara (HVDC)	India		1000	1000	934	936	952	953			
	Khulina Zone Total		2288	2284	1327	1450	1782	2159	0	0		
108	Barisal 110 MW PP (Summit)	HFO (IPP)	7 x 17.076	110	110	0	80	80	110			
109	Bhola 33 MW PP (Venture)	Gas (RPP)	1x34.50	33	33	25	36	30	33			
110	Bhola 225 MW CCPP	Gas (PDB)	2x63+1x68	194	194	87	87	68	68	107	GT-2 Under maint.	
111	Bhola 95 MW PP (Aggreko)	Gas (QRPP)	1.1x96	95	95	63	77	78	78			
112	Payra 1320 MW Unit-1	Coal (BCPCL)	1x622	622	622	523	632	600	660			
	Barishal Zone Total		1054	1054	698	912	856	949	0	107		
113	a) Baghabari 71 MW GTTP	Gas (PDB)	1 x 71	71	71	0	0	0	71		Gas Shortage	
	b) Baghabari 100 MW GTTP	Gas (PDB)	1 x 100	100	100	65	60	70	70	40	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	Ammura 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	51	100	100			
119	Katakhal 50 MW Peaking PP	HFO (PDB)	6x8.7	50	50	0	0	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 (NWP/GCL)	1x150+1x75	210	210	0	0	0	0	210	Gas Shortage	
123	Sirajgonj 225MW CCPP Unit-2	Gas (NWP/GCL)	1x150 + 1x75	220	220	177	200	200	200			
124	Sirajgonj 225MW CCPP Unit-3	Gas (NWP/GCL)	1x141+1x79	220	220	158	196	210	210			
125	Sirajgonj 400 MW CCPP Unit-4	Gas (IPP)	1x282+1x132	414	414	366	415	410	410			
126	Bogra 22 MW PP (GBB)	Gas (RPP)	6x4.0	22	22	21	21	22	22			
127	Bogura 20 MW PP (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	10	11	11	11			
128	Ullapara 11 MW PP (Summit)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11			
129	Natore 52 MW PP (Rajlanka)	HFO (IPP)	6x8.92	52	52	0	0	43	43			
130	Bagura 113 MW PP (Confidence) Unit-1	HFO (IPP)	6*18.55	113	113	0	0	70	113			
131	Bagura 113 MW PP (Confidence) Unit-2	HFO (IPP)	6x18.55	113	113	0	35	70	113			
	Rajshahi Zone Total		2193	2183	805	1000	1510	1723	321	0		
132	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	
133	Barapukuria 275 MW TPP Unit-3	Coal (PDB)	1 x 274	274	274	149	149	150	150			
134	Rangpur 20 MW GTTP	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	71	112	90	113			
136	Saidpur 20 MW GTTP	HSD (PDB)	1 x 20	20	20	0	10	0	20			
137	Majpara. Tatula 8 MW Solar PP (Sympa I)	Solar (IPP)	1 x 8	8	8	2.5	0	8	0			
	Rangpur Zone Total		685	605	223	271	248	283	170	0		
	Sub-total: Plants in operation		20279	19788	9429.3	10619	13705	15232	1186	2089		
	Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss				9005	10141	13088	14546				
	(B) Contract expired power plants											
	Sub-Total: Plants under long term maintenance		0	0	0	0	0	0				
	Gross Total		20279	19788	9429	10619	13705	15232	1186	2089		
	(C) Actual data of 28.06.20 (Yesterday) Sunday :											
01.	Max. Demand (Generation end)	:	10619.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	10141.00	MW, at = 21:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10619.00	MW, at = 21:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	8074.94	MW, at = 8:00 hrs	Dhaka	3539	3539	0	Mymensingh	867	867	0
05.	Day-peak Generation (Generation end)	:	9429.28	MW, at = 12:00 hrs	Chattogram	1021	1021	0	Sylhet	377	377	0
06.	Evening-peak Generation (Generation end)	:	10619.00	MW, at = 21:00 hrs	Khulna	1232	1232	0	Barishal	317	317	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs	Rajshahi	1065	1065	0	Rangpur	733	733	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	7928.20	MW, at = 7:00 hrs	Cumilla	990	990	0				
09.	Generation shortfall at evening peak due to :	:			13.	Fuel cost : (a) Gas = 180317077 Taka (c) Coal = 79718926 Taka						
a)	Gas limitation	:	889	MW		(b) Oil = 299206274 Taka Total = 559242277 Taka						
d)	Coal supply Limitation	:	170	MW								
b)	Low water level in Kaptai lake	:	127	MW								
c)	Plants under shut down/ maintenance	:	2089	MW								
10.	Total Energy (Generation + India Import)	:	237.31	MKWh	14.	Maximum Temperature in Dhaka was : 32.8° C						
	By Gas = 147.905 MKWh			By Oil = 44.640 MKWh		Export through East-West interconnections :						
	By Coal = 17.299 MKWh			By Hydro = 2.455 MKWh		At evening peak-hour : 75 MW, at 21:00 hrs PM						
	By Solar = 0.124 MKWh					Maximum : 75 MW, at 21:00 hrs						
11.	Total Gas Supplied	:	1137.43	MMCFD		Energy : 0 MKWh						
	(D) Forecast of 29.06.20 (Today) Monday :											
01.	Maximum Demand	:	11000	MW (Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	15232	MW (Generation end)	05.	Total Generation : 245.82 MKWh						
03.	Maximum Shortage	:	-4232	MW (Generation end)	06.	Probable Max. Temperature in Dhaka : 34.1° C						

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

(Faouz Islam Shaker)
Deputy Secretary, Generation