



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month April, 2019		Day : Tuesday				Date : 02.04.19					
Probable Maximum Demand :		10700 MW		Probable Maximum Generation :		14242 MW					
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 86.00 ft		Today = 85.50 ft		Rule Curve = 87.80 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.04.19 (Yesterday)		02.04.19 (Today)		01.04.19 (Yesterday)		Status of Machines under shut-down/ Maintenance
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :	Probable start-up date			
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks
(A) Plants in operation:											
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	36	36	36	36		
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	38	38	38	38		
	c) Ghorasal: Unit-3 GT	Gas (PDB)	1 x 210	210	170	133	134	134	134		On Test
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	0	0	0	0		On Test
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	110	120	120	120		
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	0	240	300		
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	107	104	108	108		
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	72	73	78	78		
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	0	0	0	105	Gas Shortage
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	0	0	0	0	40	Gas Shortage
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110		
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	57	359	360	360		
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	405	405	450	450		
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0		
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	365	338	412	412		
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	97	120	210	210	90	Gas Shortage
13	Siddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0	217	Gas Shortage
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100		
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	0	100	100		
16	Meghnaghat CCPP (Summit)	HSD/GAS (IPP)	2x110+1x110	305	305	0	90	305	305		
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	92	92		
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	12	100	100		
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	0	55	55		
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100		
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	16	24	102	102		
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	0	19		
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	56	57	57	57		
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	33	33	33	33		
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	5	51	51	51		
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	32	149	149		
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	49	49	49		
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	54	50	50		
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	2	0	200	300		
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	1	91	149	149		
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	105	0	200	300		
33	Bramhangon 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100		
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	100	100		
35	Southern Power	HFO (IPP)	3x19.3	55	55	0	55	55	55		
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	35	55	55		
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	0	49	49		
Dhaka Zone Total				6034	5798	1704	2362	4580	4859	452	0
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	80	80	130	130	150	Water Level Low
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	120	115	110	110	65	Gas Shortage
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	130	150	125	125	30	Gas Shortage
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	16	16	16		
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.89	0	20	0		
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	1	50	50	50		
43	Shikalbaha ST	Gas (PDB)	1 x 60	60	40	0	0	0	0	40	Gas Shortage
44	Shikalbaha Peaking GT	Gas (PDB)	1 x 150	150	150	0	0	0	0	150	Gas Shortage
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	207	204	225	225		
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	24	41	41	41		
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	0	40	78	78		
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	55	100	100	100		
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	85	85		
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	0	72	72		
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	0	19	22	22		
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			6	27	2	12		
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	106	105	105		
Chattogram Zone Total				1761	1681	642.89	1016	1181	1171	435	0
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	110	110	80	80		
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	80	80	0		
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	135		
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	37	40	40	40		
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	41	182	221	221		
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	0	0	0	360		
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	260	130	360	360		
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	0	5	25	25		
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	53	5	5	5		
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	129	45	16	16		
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	24	35	35	35		
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	55	70	150	150		
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	0	0	0	0		
64	Titlas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	0	0	50		
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	90	100	100	100		
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	0	123	200	200		
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	22	22	22		
68	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	0	11	11		
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	0	0	33		
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	46	52	52		
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	0	12	21	21		
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200		
**	Tripura	India		160	160	64	116	134	170		
Cumilla Zone Total				2951	2891	943	1121	1652	2286	0	0
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	86	189	202	202		
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	17	20	20		
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	80	87	87		
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	70	112	112	112		
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	7	200	200		
78	Sanshabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.5	0	2	0		
Mymensingh Zone Total				645	637	158.5	405	623	621	0	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	01.04.19 (Yesterday)		02.04.19 (Today)		01.04.19 (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)		
79	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	60	60	60	60				
80	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	0	40	60	60				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	50	53	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	50	44	44				
83	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	100	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	0	8	8				
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	31	40	66	66				
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	268	265	330	330				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	85	85	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	44	47	47	47				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	103	83	120	120				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	0	20				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	41	47	46	46				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	0	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	0	25	0	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	0	0	0	0				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	832	905	1081	1136	0	0		
95	Bheramara GT: Unit-1,2,3	HSD (PDB)	3 x 20	60	46	0	0	0	46				
96	Bheramara 360 MW CCPP	Gas (NWPGL)	1 x 278+1 x 132	410	410	350	200	410	410				
97	Fariapur Peaking	HFO (PDB)	8x6.98	54	54	0	36	35	35				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	80	40	80				
99	Khulna CCPP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	115	115	115				
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	0	100	100				
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	8	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	53	105	105				
	Modhumati Power Plant	HFO (IPP)				0	0	0	0			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	849	946	869	966				
Khulna Zone Total				2223	2209	1199	1438	1714	1897	0	0		
104	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	26				
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	110	110	110				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	13	32	28	28				
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	183	181	150	150				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	33	97	95	95				
Barishal Zone Total				472	462	229	420	383	409	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	0	0	0	0	71		Gas Shortage	
	b) Baghabari GT	Gas (PDB)	1 x 100	100	100	0	0	0	0	100		Gas Shortage	
110	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	50	0	50				
111	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0				
112	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	0	0	54				
113	Ammura	HFO (QRPP)	7x7.79	50	50	40	20	43	43				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	9	40	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	32	8	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	30	0	30				
118	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	204	181	200	200				
119	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	207	186	225	225				
120	Sirajganj CCPP-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	200	200				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	146	425	425	425				
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	0	22	22	22				
123	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	17	16	17	17				
124	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	0	8	11	11				
125	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	0	43	43	43				
	Confidence CPBL-2	HFO (IPP)				0	109	113	113			On Test	
Rajshahi Zone Total				1835	1825	655	1138	1489	1623	171	0		
126	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	30.03.19
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	59	61	56	56	24		Coal Shortage	
127	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	139	149	149	149	125		Coal Shortage	
128	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	17	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	18	18				
Rangpur Zone Total				564	484	198	210	240	240	149	85		
Sub-total: Plants in operation				18079	17536	6561	9015	12943	14242	1207	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6343	8651	12512	13768				
Gross Total				18079	17536	6561	9015	12943	14242	1207	85		
(B) Actual data of 01.04.19 (Yesterday) Monday :													
01.	Max. Demand (Generation end)	:	9015.00	MW, at = 20:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end):							
02.	Max. Demand (Sub-station end)	:	8651.00	MW, at = 20:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9015.00	MW, at = 20:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	2605.00	MW, at = 5:00 hrs	Dhaka	3347	3347	0	Mymensingh	558	558	0	
05.	Day-peak Generation (Generation end)	:	6561.39	MW, at = 12:00 hrs	Chattogram	1009	1009	0	Sylhet	328	328	0	
06.	Evening-peak Generation (Generation end)	:	9015.00	MW, at = 20:00 hrs	Khulna	1087	1087	0	Barishal	248	248	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs	Rajshahi	1087	1087	0	Rangpur	248	248	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	6766.30	MW	Cumilla	739	739	0					
09.	Generation shortfall at evening peak due to :	:							Total	8651	8651	0	
	a) Gas limitation	:	908	MW	13.	Fuel cost :	(a) Gas = 75512950 Taka	(c) Coal = 22477766 Taka					
	d) Coal supply Limitation	:	149	MW			(b) Oil = 112222589 Taka	Total = 97990715 Taka					
	b) Low water level in Kaptai lake	:	150	MW									
	c) Plants under shut down/ maintenance	:	85	MW	14.	Maximum Temperature in Dhaka was :	31.4° C						
10.	Total Energy (Generation + India Import)	:	146.83	MKWh	15.	Export through East-West interconnections :							
	By Gas = 104.928	MKWh		By Oil = 16.700	MKWh	At evening peak-hour	:	300	MW, at 20:00 hrs				
	By Coal = 4.984	MKWh		By Hydro = 1.828	MKWh	Maximum	:	190	MW, at 22:00 hrs				
	By Solar = 0.127	MKWh				Energy	:	0	MKWh				
11.	Total Gas Supplied	:	1121.05	MMCFD									
(C) Forecast of 02.04.19 (Today) Tuesday :													
01.	Maximum Demand	:	10700	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	14242	MW (Generation end)	05.	Total Generation	:	174.27	MKWh				
03.	Maximum Shortage	:	-3542	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	31.4° C					

* Captive Power ** Imported Power

#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZAMAN)
Deputy Secretary, Generation