



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month April, 2019		Day : Thursday				Date : 04.04.19						
Probable Maximum Demand :		9800 MW		Probable Maximum Generation :		13775 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 85.32 ft		Today = 85.25 ft		Rule Curve = 87.60 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.04.19 (Yesterday)		04.04.19 (Today)		03.04.19 (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 :			
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
(A) Plants in operation:												
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	0	0	0	0			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	0	36	36	36			
	c) Ghorasal: Unit-3 GT	Gas (PDB)	1 x 210	210	170	134	133	100	100		On Test	
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	150	150	100	100		On Test	
	(e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	120	120	120	120			
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	0	250	240	300			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	13	50	50			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	0	20	20	20			
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	295	273	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	370	350	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	368	385	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	42	150	100	150	60	Gas Shortage	
13	Shiddirganj 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 Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100			
16	Meghnaghat CCPP (Summit)	HSD/GAS (IPP)	2x110+1x110	305	305	230	160	305	305			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	0	92	92			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	0	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	7	0	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	19	19	19			
23	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	25	56	57	57			
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	25	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	51	51	51	51			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	100	32	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	12	47	49	49			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	17	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	0	200	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	50	149	149			
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	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	17	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	35	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	48	52	49	49			
Dhaka Zone Total					6034	5798	2045	2482	4405	4715	422	0
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	82	79	80	80	151	Water Level Low	
39	a) Chattogram ST:Unit -1	Gas (PDB)	1 x 210	210	180	105	100	110	110	80	Gas Shortage	
	b) Chattogram ST:Unit -2	Gas (PDB)	1 x 210	210	180	120	120	120	120	60	Gas Shortage	
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	8	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	32	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	211	211	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	41	42	51	51			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	10	78	78			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	100	100	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	17	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	22	22	22	22			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	2	10	15			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	12	99	105	105			
Chattogram Zone Total					1761	1681	764.89	888	1144	1129	481	0
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	0	0	0	0			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	0	0	0	0			
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	80	80	100	100			
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	40	40	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	221	178	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	280	300	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	260	270	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	5	5	5	5			
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	5	5	5	5			
60	Ashuganj Modular 195 MW	Gas (IPP)	20*9.73+1*16	195	195	16	16	16	16			
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	7	35	35	35			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	0	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	100	0	0	0			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	52	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	21	22	22			
68	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	0	8	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	25	0	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	0	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	0	8	21	21			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	106	88	129	156			
Cumilla Zone Total					2951	2891	1157	1131	1827	2037	0	0
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	204	196	202	202			
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	20	20	20			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	0	21	87	87			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	0	106	112	112			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	7	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.1	0	2	0			
Mymensingh Zone Total					645	637	223.1	350	623	621	0	0

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	03.04.19 (Yesterday)		04.04.19 (Today)		03.04.19 (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	30	30				
80	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	51	74	60	60				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	25	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	47	44	44				
83	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	163	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	8	8				
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	63	65	66	66				
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	187	136	200	200				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	85	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	47	47	47				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	105	93	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	8	44	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	24	0	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	341	340	340				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	874	1225	1261	1316	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	200	220	410	410				
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	2	36	35	35				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	70	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	49	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	16	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	53	105	105	105				
	Modhumati Power Plant	HFO (IPP)				0	0	0	0			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	850	946	869	966				
Khulna Zone Total				2223	2209	1105	1442	1714	1897	0	0		
104	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	26	0	26				
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	80	96	110	110				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	22	25	28	32				
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	129	120	120	130				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	90	71	95	95				
Barishal Zone Total				472	462	321	338	353	393	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	12	12	43	43				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	25	50	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	40	40				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	0	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	0	0	30				
118	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	175	178	200	200				
119	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	166	168	225	225				
120	Sirajganj CCPP-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	420	421	414	414				
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
123	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	17	17	17	17				
124	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11				
125	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	8	8	43	43				
	Confidence CPBL-2	HFO (IPP)				0	109	113	113			On Test	
Rajshahi Zone Total				1835	1825	856	1046	1278	1412	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	63	69	71	71	16		Coal Shortage	
127	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	250	249	149	149	25		Coal Shortage	
128	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	0	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	15	0	18				
Rangpur Zone Total				564	484	313	350	220	255	41	85		
Sub-total: Plants in operation				18079	17536	7659	9252	12825	13775	1115	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7231	8525	12108	13005				
Gross Total				18079	17536	7659	9252	12825	13775	1115	85		
(B) Actual data of 03.04.19 (Yesterday) Wednesday :													
01.	Max. Demand (Generation end)	:	9252.00	MW, at = 21:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :							
02.	Max. Demand (Sub-station end)	:	8525.00	MW, at = 21:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9252.00	MW, at = 21:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	5674.20	MW, at = 6:00 hrs		Dhaka	3234	3234	0	Mymensingh	670	670	0
05.	Day-peak Generation (Generation end)	:	7658.99	MW, at = 12:00 hrs		Chattogram	940	940	0	Sylhet	349	349	0
06.	Evening-peak Generation (Generation end)	:	9252.00	MW, at = 21:00 hrs		Khulna	1072	1072	0	Barishal	242	242	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 21:00 hrs		Rajshahi	1072	1072	0	Rangpur	242	242	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	6745.50	MW		Cumilla	704	704	0				
09.	Generation shortfall at evening peak due to :	:								Total	8525	8525	0
	a) Gas limitation	:	923	MW	13.	Fuel cost :	(a) Gas = 86032878	Taka	(c) Coal = 28650640	Taka			
	d) Coal supply Limitation	:	41	MW			(b) Oil = 175158424	Taka	Total = 114683518	Taka			
	b) Low water level in Kaptai lake	:	151	MW									
	c) Plants under shut down/ maintenance	:	85	MW	14.	Maximum Temperature in Dhaka was :	32.0° C						
10.	Total Energy (Generation + India Import)	:	178.79	MKWh	15.	Export through East-West interconnections :							
	By Gas = 130.047	MKWh		By Oil = 19.903	MKWh	At evening peak-hour	:	190	MW, at	21:00	hrs		
	By Coal = 6.515	MKWh		By Hydro = 1.526	MKWh	Maximum	:	-110	MW, at	1:00	hrs		
	By Solar = 0.127	MKWh				Energy	:	0.005	MKWh				
11.	Total Gas Supplied	:	1161.09	MMCFD									
(C) Forecast of 04.04.19 (Today) Thursday :													
01.	Maximum Demand	:	9800	MW (Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	13775	MW (Generation end)	05.	Total Generation	:	189.38	MKWh				
03.	Maximum Shortage	:	-3975	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	31.2° C					

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation