



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month April, 2019		Day : Friday				Date : 05.04.19									
Probable Maximum Demand :		9400 MW		Probable Maximum Generation :		13545 MW									
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 85.25 ft		Today = 85.01 ft		Rule Curve = 87.20 ft									
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.04.19 (Yesterday)		05.04.19 (Today)		04.04.19 (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 :						
										Description/ Remarks		Probable start-up date			
										Gas/water/Coal limitation MW	Machines shut down (MW)				
										Day	Evening	Day	Evening		
(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	36	36	36	36						
	c) Ghorasal: Unit-3 GT	Gas (PDB)	1 x 210	210	170	74	74	100	100		On Test				
	d) Ghorasal Unit-4 (repowering project)	Gas (PDB)	1 x 210	210	180	100	100	100	100		On Test				
	e) Ghorasal ST:Unit-5	Gas (PDB)	1 x 210	210	190	80	120	120	120						
2	Ghorasal CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	320	250	250	300						
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	52	107	50	50						
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	20	75	40	40						
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	351	302	360	360						
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	420	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	350	354	412	412						
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	158	120	100	150	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 Bangla)	HFO (QRPP)	12x8.9	100	100	0	0	100	100						
16	Meghnaghat CCPP (Summit)	HSD/GAS (IPP)	2x110+1x110	305	305	280	250	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	15	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	64	24	102	102						
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	19	19						
23	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	31	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	28	50	51	51						
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	64	149	149						
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	12	48	49	49						
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	54	54	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	49	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	17	55	55	55						
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	18	55	55	55						
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	49	49	49						
Dhaka Zone Total				6034	5798	2565	2728	4435	4735	452	0				
38	Kaptai Hydro Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	81	80	80	80	150	Water Level Low				
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	100	100	100	100	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	19.3	0	20	0						
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	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	206	203	225	225						
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x11.5	51	51	50	51	51	51						
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	50	78	78						
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	76	100	100	100						
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	80	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	19	22	22	22						
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	15	20	25						
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	92	105	105	105						
Chattogram Zone Total				1761	1681	783.3	992	1144	1129	480	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	33	37	40	40						
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	218	223	221	221						
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	320	250	360	360						
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	320	280	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	26	110	110	110						
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	5	45	45	45						
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	30	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	0	100	0	0						
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	34	100	200	200						
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22						
68	Feni, Mohal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11						
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	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	11	18	21	21						
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200						
**	Tripura	India		160	160	122	142	0	170						
Cumilla Zone Total				2951	2891	1231	1480	1802	2155	0	0				
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	203	181	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	65	87	87						
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	48	107	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	1	0	2	0						
Mymensingh Zone Total				645	637	269	380	623	621	0	0				

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.04.19 (Yesterday)		05.04.19 (Today)		04.04.19 (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 CCGP-1	Gas (PDB)	2x32+1x33	97	70	60	60	30	30				
80	Fenchuganj CCGP-2	Gas (PDB)	2x35+1x35	104	90	75	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	15	50	44	44				
83	Kushiara 163 MW CCGP	Gas (IPP)	1x109+1x54	163	163	130	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	40	66	66				
86	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	116	335	200	200				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	5	85	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	47	47	47				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	89	103	100	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	45	44	46	46				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	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	300	285	340	340				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	949	1357	1251	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 CCGP	Gas (NWPGL)	1 x 278+1 x 132	410	410	220	200	200	200				
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	37	35	35				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	74	40	80				
99	Khulna CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0				
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	0	105	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	40	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	851	947	559	808				
Khulna Zone Total				2223	2209	1124	1508	1194	1529	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	64	110	110	110				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	21	32	28	32				
107	Bhola CCGP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	120	120	120	130				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	95	97	95	95				
Barishal Zone Total				472	462	300	385	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	49	0	54				
113	Ammura	HFO (QRPP)	7x7.79	50	50	0	35	43	43				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	51	100	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	50	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	30	0	30				
118	Sirajganj CCGP 1	Gas (NWPGL)	1x150+1x75	210	210	202	180	200	200				
119	Sirajganj CCGP 2	Gas (NWPGL)	1x150 + 1x75	220	220	198	185	225	225				
120	Sirajganj CCGP-3	Gas (NWPGL)	1x141+1x79	220	220	0	0	0	0				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	416	427	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	15	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	34	33	43	43				
	Confidence CPBL-2	HFO (IPP)				0	89	113	113			On Test	
Rajshahi Zone Total				1835	1825	951	1276	1278	1412	171	0		
126	a) Barapukuria ST:Unit -1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	15.04.19
	b) Barapukuria ST:Unit - 2	Coal (PDB)	1 x 125	125	85	69	67	71	71	18		Coal Shortage	
127	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	199	199	149	149	75		Coal Shortage	
128	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	17	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	18	18				
Rangpur Zone Total				564	484	268	301	255	255	93	85		
Sub-total: Plants in operation				18079	17536	8440	10407	12335	13545	1196	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7967	9638	11644	12786				
Gross Total				18079	17536	8440	10407	12335	13545	1196	85		
(B) Actual data of 04.04.19 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	10407.00	MW, at =	19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	9638.00	MW, at =	19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10407.00	MW, at =	19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	6745.50	MW, at =	6:00 hrs	Dhaka	3753	3753	0	Mymensingh	670	670	0
05.	Day-peak Generation (Generation end)	:	8440.30	MW, at =	12:00 hrs	Chattogram	1032	1032	0	Sylhet	351	351	0
06.	Evening-peak Generation (Generation end)	:	10407.00	MW, at =	19:30 hrs	Khulna	1210	1210	0	Barishal	255	255	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:30 hrs	Rajshahi	1210	1210	0	Rangpur	255	255	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	6515.52	MW		Cumilla	902	902	0				
09.	Generation shortfall at evening peak due to :	:				13.	Fuel cost :			Total	9638	9638	0
	a) Gas limitation	:	953	MW			(a) Gas =	95083814	Taka	(c) Coal =	27037964	Taka	
	d) Coal supply Limitation	:	93	MW			(b) Oil =	233186639	Taka	Total =	122121778	Taka	
	b) Low water level in Kaptai lake	:	150	MW									
	c) Plants under shut down/ maintenance	:	85	MW		14.	Maximum Temperature in Dhaka was :	33.1° C					
10.	Total Energy (Generation + India Import)	:	220.79	MKWh		15.	Export through East-West interconnections :						
	By Gas =	161.691	MKWh	By Oil =	28.321	MKWh	At evening peak-hour	:	130	MW, at	19:30	hrs	
	By Coal =	6.034	MKWh	By Hydro =	1.809	MKWh	Maximum	:	70	MW, at	1:00	hrs	
	By Solar =	0.129	MKWh				Energy	:	0.0175	MKWh			
11.	Total Gas Supplied	:	1237.05	MMCFD									
(C) Forecast of 05.04.19 (Today) Friday :													
01.	Maximum Demand	:	9400	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	13545	MW	(Generation end)	05.	Total Generation	:	199.43	MKWh			
03.	Maximum Shortage	:	-4145	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :	:	33.1° C				

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation