



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2019					Day : Tuesday				Date : 05.03.19					
Probable Maximum Demand :					8700 MW		Probable Maximum Generation :					13115 MW		
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 91.45 ft		Today = 91.36 ft		Rule Curve = 92.36 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Dated/ Present Capacity (MW)	04.03.19 (Yesterday)		05.03.19 (Today)		04.03.19 (Yesterday)		05.03.19 (Today)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for :		Machines shut down (MW)			
					Day	Evening	Day	Evening	Gas/water/Coal limitation MW					
(A) Plants in operation:														
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	0	0	0	0	40			Gas Shortage	
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	35	35	35	35					
	c) Ghorasal: Unit-3 GT	Gas (PDB)	1 x 210	210	170	0	198	240	240					
	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	205	195	190	190				On Test	
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	300	330	360	360					
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	52	52	108	108					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	15	20	20	20					
5	Tongi GT	Gas (PDB)	1 x 105	105	105	40	40	40	40	65			Gas Shortage	
6	Horipur GT: Unit-1,2	Gas (PDB)	2 x 32	64	40	40	40	40	40					
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	0	110	110					
8	Horipur Power CCPP	Gas (IPP)	1x235+1x125	360	360	0	0	0	0		360		Under Maintenance 25.03.19	
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	370	400	450	450					
10	Shiddiganj ST	Gas (PDB)	1 x 210	210	115	110	110	110	110					
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	351	363	412	412					
12	Shiddiganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210			Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	117	117	117	117					
14	Siddiganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100					
15	Siddiganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	0	100	100					
16	Meghnaghat CCPP (Summit)	HSD (IPP)	2x110+1x110	305	305	0	0	0	0		305		Under Maintenance 07.03.19	
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	7	100	100					
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	0	100	100					
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	10	40	55	55					
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	0	100	100					
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	5	24	102	102					
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	22	22	22	22					
23	Summit Power,(Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	58	58	58					
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	30	33	30	30					
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	25	43	51	51					
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	0	149	149					
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	0	41	48	48					
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	17	35	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	11	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	50	100					
34	Aourahati 100MW (Aggreco)	HSD (IPP)	23x0.85+91x.959	100	100	0	0	50	100					
35	Southern Power	HFO (IPP)	3x19.3	55	55	0	0	55	55					
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	0	55	55					
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	0	48	50	50					
Dhaka Zone Total				6034	5798	1832	2295	4143	4443	315	665			
38	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	43	41	72	72	189			Water Level Low	
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	120	150	150	150					
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180			Gas Shortage	
40	Raozan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	25	18	25	25					
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	20	0	20	0					
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	19	29	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	202	201	225	225					
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	50	40	51	51					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	45	70	70					
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	100	101	100	100					
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	17	0	68					
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	12	0	72					
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	20	20	20	20					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			3	29	15	25					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	0	51	106	106					
Chattogram Zone Total				1761	1681	612	754	904	1034	559	0			
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	70	70	70	70					
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	70	70	70	70					
	c) Ashuganj ST:Unit-5	Gas (APSCL)	1 x 150	150	134	0	0	0	0					
54	Ashuganj Engines	Gas (APSCL)	14x3.968	53	45	10	40	40	40					
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	227	186	221	221					
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	280	300	320	320					
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	300	300	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	8	8	8	8					
61	Ashuganj (Midland)	Gas (IPP)	6x9.34	51	51	0	0	45	45					
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	0	150	150					
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	20	85	0	0					
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	5	0	50					
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	90	90	100	100					
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	53	17	200	200					
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	0	30	33	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	15	15	15	15					
72	Daudkandi 200 MW	HSD (IPP)	9x11.4+40x1.515+15x1.05	200	200	0	0	100	200					
**	Tripura	India		160	160	90	116	114	133					
Cumilla Zone Total				2951	2891	1276	1375	1941	2110	0	0			
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	205	199	202	202					
74	Tangal (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22					
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	50	87	80	80					
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	0	0	122	122					
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	7	30	100	200					
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	0.7	0	2	0					
Mymensingh Zone Total				645	637	284.7	338	528	626	0	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	04.03.19 (Yesterday)		05.03.19 (Today)		04.03.19 (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	Probable start-up date
79	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	59	60	60	60				
80	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	72	71	70	70				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	52	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	25	10	44				
83	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	163	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11				
85	Shajibazar GT-Unit-8,9	Gas (PDB)	2x35	70	66	67	41	66	66				
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	160	154	220	220				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	50	80	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	47	47	50	50				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	110	109	116	116				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20				
91	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	24	24	24	24				
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	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	300	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	1130	1172	1323	1357	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	HFO (NWPGL)	1 x 278+1 x 132	410	410	280	380	410	410				
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	6	0	38				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	50	0	70				
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	16	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	32	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	0	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	707	854	721	870				
Khulna Zone Total				2223	2209	987	1443	1491	1794	0	0		
104	Barisal GT -Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	30				
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	32	100	100				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	11	25	26	26				
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	177	144	177	177				
108	Bhola Agreko 95 MW	Gas (QRPP)	1.1x96	95	95	11	68	95	95				
Barishal Zone Total				472	462	199	269	398	428	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	65	65	65	65				
	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	0	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	45				
113	Amnura	HFO (QRPP)	7x7.79	50	50	12	50	50	50				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	0	51	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	0	32	32				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	16	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	37	0	38				
118	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	163	192	200	200				
119	Sirajganj CCPP 2	Gas (NWPGL)	1x150 + 1x75	220	220	152	188	190	190				
120	Sirajganj CCPP-3	Gas (NWPGL)	1x141+1x79	220	220	233	233	225	225				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0	282		Gas Shortage	
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	22	22	22				
123	Bogura (Engergyprima)	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	25	43	43	43				
	Confidence CPBL-2	HFO (IPP)				19	0	0	0			On Test	
Rajshahi Zone Total				1835	1825	719	923	1005	1138	382	0		
126	a) Barapukuria ST-Unit-1	Coal (PDB)	1 x 125	125	85	0	0	0	0		85	Under Overhauling	20.03.19
	b) Barapukuria ST-Unit - 2	Coal (PDB)	1 x 125	125	85	0	0	0	0	85		Coal Shortage	
127	Barapukuria ST-Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	149	149	125		Coal Shortage	
128	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	0	0	17				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	0	19				
Rangpur Zone Total				564	484	149	167	149	185	210	85		
Sub-total: Plants in operation				18079	17536	7189	8736	11882	13115	1466	750		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						6717	7901	11103	12255				
Gross Total				18079	17536	7189	8736	11882	13115	1466	750		

(B) Actual data of 04.03.19 (Yesterday) Monday :														
01.	Max. Demand (Generation end)	:	8736.00	MW,	at =	19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	7901.00	MW,	at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	8736.00	MW,	at =	19:00 hrs	Dhaka	2914	2914	0	Mymensingh	657	657	0
04.	Minimum Generation (Generation end)	:	5425.00	MW,	at =	5:00 hrs	Chattogram	915	915	0	Sylhet	322	322	0
05.	Day-peak Generation (Generation end)	:	7188.70	MW,	at =	12:00 hrs	Khulna	1001	1001	0	Barishal	199	199	0
06.	Evening-peak Generation (Generation end)	:	8736.00	MW,	at =	19:00 hrs	Rajshahi	1001	1001	0	Rangpur	199	199	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Cumilla	693	693	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	5027.00	MW										
09.	Generation shortfall at evening peak due to :	:												
	a) Gas limitation	:	1067	MW			13.	Fuel cost :	(a) Gas = 94740243 Taka	(c) Coal = 14129144 Taka				
	d) Coal supply Limitation	:	210	MW				(b) Oil = 54544488 Taka	Total = 108869387 Taka					
	b) Low water level in Kaplai lake	:	189	MW										
	c) Plants under shut down/ maintenance	:	750	MW										
10.	Total Energy (Generation + India Import)	:	165.37	MKWh			14.	Maximum Temperature in Dhaka was : 26.5° C						
	By Gas = 127.942 MKWH			By Oil = 14.114 MKWh			15.	Export through East-West interconnections :						
	By Coal = 3.660 MKWH			By Hydro = 0.940 MKWh				At evening peak-hour : -180 MW, at 19:00 hrs						
	By Solar= 0.144 MKWH							Maximum : -220 MW, at 20:00 hrs						
								Energy : 0.505 MKWh						
11.	Total Gas Supplied	:	1096.66	MMCFD										

(C) Forecast of 05.03.19 (Today) Tuesday :													
01.	Maximum Demand	:	8700	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	13115	MW	(Generation end)	05.	Total Generation : 164.68 MKWh						
03.	Maximum Shortage	:	-4415	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 28.4° C						

* Captive Power ** Imported Power
#Remarks: Highest Generation 11623MW on 19-09-2018 at 19:30

(MONIRUZZAMAN)
Deputy Secretary, Generation