



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2019					Day : Thursday				Date : 14.03.19					
Probable Maximum Demand : 10700 MW					Probable Maximum Generation : 12974 MW									
Water Level of Kaptai Lake at 06:00 AM					Yesterday = 90.17 ft		Today = 90.02 ft		Rule Curve = 90.92 ft					
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.03.19 (Yesterday)		14.03.19 (Today)		13.03.19 (Yesterday)		14.03.19 (Today)		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)				
(A) Plants in operation:														
1	a) Ghorasal ST:Unit-1	Gas (PDB)	1 x 55	55	40	35	36	35	35					
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	0	0	0	0	45			Gas Shortage	
	c) Ghorasal: Unit-3 GT	Gas (PDB)	1 x 210	210	170	0	0	0	0				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	190	190	190	190					
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	380	350	360	360					
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	108	111	108	108					
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	72	72	78	78					
5	Tongi GT	Gas (PDB)	1 x 105	105	105	0	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	65	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	400	450	450	450					
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	110	110	110	110					
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	360	330	412	412					
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	42	35	35	35	175			Gas Shortage	
13	Siddhirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	0	0	0	0					
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	30	100	100					
15	Siddirganj (Dutch Bangla)	HFO (QRPP)	12x8.9	100	100	0	55	100	100					
16	Meghnaghat CCPP (Summit)	HSD/GAS (IPP)	2x110+1x110	305	305	0	0	100	305					
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	24	90	90	90					
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	64	90	100	100					
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	55	55	55	55					
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	37	100	100					
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	102	102	102	102					
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	11	11	22	22					
23	Summit Power, (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	45	55	58	58					
24	Summit Power, Maona	Gas (SIPP, REB)	4x8.73	33	33	0	9	33	33					
25	Summit Power, Rugganj	Gas (SIPP, REB)	4x8.73	33	33	31	33	33	33					
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	34	51	51	51					
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	149	149	149					
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	48	48	48	48					
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	124	280	200	300					
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	34	119	149	149					
32	APR Energy, Keraniganj	HSD (IPP)	256x1.4	300	300	0	45	200	300					
33	Bramhangaan 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	55	55	55	55					
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	54	55	55	55					
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	53	58	60	60					
Dhaka Zone Total				6034	5798	2525	3310	4082	4487	285	360			
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	72	70	70	70	160			Water Level Low	
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	120	130	120	130					
	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	24	25	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	50	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	214	201	225	225					
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	41	41	41	41					
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	75	88	88	88					
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	101	101	100	100					
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	85	0	85					
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	77	0	80					
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	21	20	20	20					
*	Malancha, Ctg EPZ (United)	Gas	5x8.73+3x9.34			2	11	5	15					
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	54	93	105	105					
Chattogram Zone Total				1761	1681	794	992	869	1034	530	0			
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	120	100	100					
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	80	150	100	100					
	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	40	40	40	40					
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	220	225	221	221					
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	342	360	360	360					
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	335	360	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	35	35	35	35					
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	150	125	150	150					
63	Brahmanbaria (Aggreco)	Gas (QRPP)	86x1.10	85	85	0	0	0	0					
64	Titas (Daudkandi) Peaking	HFO (PDB)	6x8.92	52	52	0	33	0	50					
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	100	90	100	100					
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	144	167	200	200					
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	21	21	22	22					
68	Feni, Mohipal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	8	11	11	11					
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	33	33	33	33					
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	30	24	52	52					
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	22	22					
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200					
**	Tripura	India		160	160	126	160	110	136					
Cumilla Zone Total				2951	2891	1783	1993	2034	2210	0	0			
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	147	152	150	152	50			Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	17	22	22	22					
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	79	86	86	86					
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	0	0	115	115					
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	182	200	200	200					
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.5	0	2	0					
Mymensingh Zone Total				645	637	427.5	460	575	575	50	0			

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	13.03.19 (Yesterday)		14.03.19 (Today)		13.03.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
						Actual Peak Generation (MW)		Probable Peak Generation (MW)		Gen. shortfall for : Gas/water/Coal limitation MW	Machines shut down (MW)	Description/ Remarks	Probable start-up date
						Day	Evening	Day	Evening				
79	Fenchuganj CCPP-1	Gas (PDB)	2x32+1x33	97	70	58	58	60	60				
80	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	20	27	47	50				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	48	44	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	50	40	44	44				
83	Kushiera 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	100	163	163				
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	0	11	11	11				
85	Shajibazar GT-Unit-8.9	Gas (PDB)	2x35	70	66	62	41	66	66				
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	0	106	105	106				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	85	83	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	46	48	48	48				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	0	0	0	0				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	19	0	20	20				
91	Sylhet (Enegyprima)	Gas (RPP)	27x2.0	50	50	41	46	45	46				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	25	25	25				
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	280	280	341	341				
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test	
Sylhet Zone Total				1594	1549	873	919	1122	1127	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 (NWPGLCL)	1 x 278+1 x 132	410	410	0	40	410	410				
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	37	0	44				
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	5	62	0	80				
99	Khulna CCPP	HSD (NWPGLCL)	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	20	100	100				
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	105	105	105	105				
**	Bheramara HVDC Interconnector	India		1000	1000	710	856	717	867				
Khulna Zone Total				2223	2209	860	1275	1487	1807	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	48	100	100				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	20	28	26	28				
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	174	161	171	171				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	91	96	95	95				
Barishal Zone Total				472	462	285	333	392	424	0	0		
109	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	55	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	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	37	0	45				
113	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	50	100	100	100				
115	Katakhal Peaking	HFO (PDB)	6x8.7	50	50	0	40	40	40				
116	Katakhal (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	28	0	30				
118	Sirajganj CCPP 1	Gas (NWPGLCL)	1x150+1x75	210	210	191	184	200	200				
119	Sirajganj CCPP 2	Gas (NWPGLCL)	1x150 + 1x75	220	220	186	179	200	200				
120	Sirajganj CCPP-3	Gas (NWPGLCL)	1x141+1x79	220	220	187	186	195	195				
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	21	22	22	22				
123	Bogura (Engergyprima)	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	43	43	52	52				
	Confidence CPBL-2	HFO (IPP)				5	0	0	0			On Test	
Rajshahi Zone Total				1835	1825	821	1052	1002	1127	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	17	16	16				
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	0	15	18				
Rangpur Zone Total				564	484	149	166	180	183	210	85		
Sub-total: Plants in operation				18079	17536	8518	10500	11743	12974	1457	445		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8124	9694	11201	12375				
Gross Total				18079	17536	8518	10500	11743	12974	1457	445		

(B) Actual data of 13.03.19 (Yesterday) Wednesday :														
01.	Max. Demand (Generation end)	:	10500.00	MW,	at =	19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	9694.00	MW,	at =	19:00 hrs	Zone	Demand MW	Supply MW	Load Shed MW	Zone	Demand MW	Supply MW	Load Shed MW
03.	Highest Generation (Generation end)	:	10500.00	MW,	at =	19:00 hrs	Dhaka	3728	3728	0	Mymensingh	785	785	0
04.	Minimum Generation (Generation end)	:	6968.00	MW,	at =	5:00 hrs	Chattogram	1105	1105	0	Sylhet	373	373	0
05.	Day-peak Generation (Generation end)	:	8517.50	MW,	at =	12:00 hrs	Khulna	1159	1159	0	Barishal	230	230	0
06.	Evening-peak Generation (Generation end)	:	10500.00	MW,	at =	19:00 hrs	Rajshahi	1159	1159	0	Rangpur	230	230	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:00 hrs	Cumilla	925	925	0				
08.	Actual Minimum Generation up to 8:00 hrs.	:	7374.00	MW										
09.	Generation shortfall at evening peak due to :	:												
	a) Gas limitation	:	1087	MW			13.	Fuel cost :	(a) Gas = 98515915 Taka	(c) Coal = 14107914 Taka				
	d) Coal supply Limitation	:	210	MW					(b) Oil = 289695910 Taka	Total = 112623829 Taka				
	b) Low water level in Kaptai lake	:	160	MW										
	c) Plants under shut down/ maintenance	:	445	MW			14.	Maximum Temperature in Dhaka was : 32.9° C						
10.	Total Energy (Generation + India Import)	:	204.97	MKWh			15.	Export through East-West interconnections :						
	By Gas = 138.395 MKWH			By Oil = 40.990 MKWh				At evening peak-hour : -560 MW, at 19:00 hrs						
	By Coal = 3.655 MKWH			By Hydro = 1.664 MKWh				Maximum : -560 MW, at 19:00 hrs						
	By Solar= 0.147 MKWH							Energy : 3.379 MKWh						
11.	Total Gas Supplied	:	1170.37	MMCFD										

(C) Forecast of 14.03.19 (Today) Thursday :													
01.	Maximum Demand	:	10700	MW	(Generation end)	04.	Maximum Load-shed : 0 MW At evening peak (Sub-station end)						
02.	Maximum Generation	:	12974	MW	(Generation end)	05.	Total Generation : 208.87 MKWh						
03.	Maximum Shortage	:	-2274	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka : 35.4° C						

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

(MONIRUZAMAN)
Deputy Secretary, Generation