



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month March, 2019			Day : Monday				Date : 18.03.19					
Probable Maximum Demand : 10700 MW			Probable Maximum Generation : 13387 MW				Rule Curve = 90.28 ft.					
Water Level of Kaptai Lake at 06:00 AM			Yesterday = 89.39 ft.		Today = 89.18 ft.		17.03.19 (Yesterday)		18.03.19 (Today)		Status of Machines under shut-down/ Maintenance	
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	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	36	36	36	36			
	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	335	250	360	360			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	107	110	108	108			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	68	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	40	40	40	40			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	40	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	450	450	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	110	95	110	110			
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	356	362	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	91	57	67	67	153		Gas Shortage
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	115	115	115	115			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	32	100	100			
16	Meghnaghat CCPP (Summit)	HSD/GAS (IPP)	2x110+1x110	305	305	145	270	155	335			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	62	92	92			
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	20	100	100			
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	9	55	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	50	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	30	84	102	102			
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	0	0	22	22			
23	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	57	55	49	49			
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	50	51	51			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	50	150	150			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	36	41	42	42			
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	43	200	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	7	61	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	53	55	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	55	54	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	62	62	60	60			
Dhaka Zone Total			6034	5798	2503	2977	4233	4613	303	360		
38	Kaptai Hydro:Unit-1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	82	75	117	117	155		Water Level Low
39	a) Chattogram ST:Unit-1	Gas (PDB)	1 x 210	210	180	120	120	120	120			
	b) Chattogram ST:Unit-2	Gas (PDB)	1 x 210	210	180	0	0	0	0	180		Gas Shortage
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	18	24	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	0	0	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	150	150	150			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	205	203	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	24	24	41	41			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	70	78	78			
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	90	100	100	100			
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	85	85	85			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	59	77	77			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	21	22	22			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			3	8	7	20			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	85	98	105	105			
Chattogram Zone Total			1761	1681	676	1037	1222	1215	375	0		
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	110	80	100	100			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	120	80	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	30	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	183	184	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	330	280	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	330	320	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	4	4	5	52			
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	25	35	35			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	24	50	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	50	0	42			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	90	90	90	90			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	81	190	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	11	11	0	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	0	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	9	52	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	21	0	22			
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200			
**	Tripura	India		160	160	132	166	127	164			
Cumilla Zone Total			2951	2891	1578	1692	1975	2267	0	0		
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	175	166	194	194	36		Gas Shortage
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	20	0	0	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	80	87	88	88			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	106	115	107	107			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	163	165	200	200			
78	Sanshabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.5	0	2	0			
Mymensingh Zone Total			645	637	546.5	533	591	611	36	0		

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	17.03.19 (Yesterday)		18.03.19 (Today)		17.03.19 (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	28	60	60	60					
80	Fenchuganj CCGP-2	Gas (PDB)	2x35+1x35	104	90	71	71	60	60					
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	53	50	50					
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	46	46	44	44					
83	Kushiara 163 MW CCGP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163					
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	49	49	66	66					
86	Shajibazar 330 MW CCGP	Gas (PDB)	2x110+2x110	330	330	178	175	177	177					
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	82	87	86	86					
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	46	47	47					
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	104	103	116	116					
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	0	20	20					
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	41	43	45	45					
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10					
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	24	24	25	25					
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	290	260	341	341					
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test		
Sylhet Zone Total				1594	1549	1132	1168	1321	1321	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	205	415	270	410					
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	17	34	37	37					
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	27	50	20	83					
99	Khulna CCGP	HSD (NWPGL)	1 x 150+1x75	230	230	0	0	0	0					
100	Khulna (KPCL-2)	HFO (QRPP)	7x17	115	115	115	115	115	115					
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	98	100	100					
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	40	40	40					
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	105	105	105	105					
	Modhumati Power Plant	HFO (IPP)				16	0	0	0			On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	604	741	803	951					
Khulna Zone Total				2223	2209	1129	1598	1490	1887	0	0			
1	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	22					
2	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	32	110	110	110					
3	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	14	23	24	24					
4	Bhola CCGP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	174	163	175	175					
5	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	97	97	95	95					
Barishal Zone Total				472	462	317	393	404	426	0	0			
6	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		
7	Baghabari Peaking	HFO (PDB)	6x8.9	52	52	0	43	0	50					
8	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0					
9	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	30	0	45					
10	Ammura	HFO (QRPP)	7x7.79	50	50	50	50	50	50					
11	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	100	100	100	100					
12	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	40	40	40					
13	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	50	43	50	50					
14	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	0	30					
15	Sirajganj CCGP 1	Gas (NWPGL)	1x150+1x75	210	210	164	182	195	195					
16	Sirajganj CCGP 2	Gas (NWPGL)	1x150+1x75	220	220	0	0	0	0					
17	Sirajganj CCGP-3	Gas (NWPGL)	1x141+1x79	220	220	167	197	200	200					
18	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	0	0	0	0					
19	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	21	22	22	22					
20	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	16	17	17	17					
21	Ullapara (Summit)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11					
22	Rajlanka 52 MW	HFO (IPP)	6x8.92	52	52	52	52	52	52					
	Confidence CPBL-2	HFO (IPP)				17	0	0	0			On Test		
Rajshahi Zone Total				1835	1825	648	816	737	862	171	0			
23	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		
24	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	229	250	149	149		24	Coal Shortage		
25	Rangpur GT	HSD (PDB)	1 x 20	20	20	16	17	17	17					
26	Syedpur GT	HSD (PDB)	1 x 20	20	20	18	18	19	19					
Rangpur Zone Total				564	484	263	285	185	185	109	85			
Sub-total: Plants in operation				18079	17536	8793	10499	12158	13387	994	445			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8434	9713	11662	12841					
Gross Total				18079	17536	8793	10499	12158	13387	994	445			
(B) Actual data of 17.03.19 (Yesterday) Sunday :														
01.	Max. Demand (Generation end)	:	10499.00	MW, at = 19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end):								
02.	Max. Demand (Sub-station end)	:	9713.00	MW, at = 19:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	10499.00	MW, at = 19:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	7646.00	MW, at = 5:00 hrs		Dhaka	3740	3740	0	Mymensingh	827	827	0	
05.	Day-peak Generation (Generation end)	:	8792.50	MW, at = 12:00 hrs		Chattogram	1010	1010	0	Sylhet	366	366	0	
06.	Evening-peak Generation (Generation end)	:	10499.00	MW, at = 19:00 hrs		Khulna	1176	1176	0	Barishal	230	230	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 19:00 hrs		Rajshahi	1176	1176	0	Rangpur	230	230	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	5936.00	MW		Cumilla	958	958	0					
09.	Generation shortfall at evening peak due to :	:								Total	9713	9713	0	
	a) Gas limitation	:	730	MW	13.	Fuel cost:	(a) Gas = 99249016	Taka	(c) Coal = 17771054	Taka				
	d) Coal supply Limitation	:	109	MW			(b) Oil = 300941310	Taka	Total = 117020070	Taka				
	b) Low water level in Kaptai lake	:	155	MW										
	c) Plants under shut down/ maintenance	:	445	MW	14.	Maximum Temperature in Dhaka was :	34.3° C							
10.	Total Energy (Generation + India Import)	:	201.39	MKWh	15.	Export through East-West interconnections :								
	By Gas = 137.832	MKWh		By Oil = 39.416	MKWh	At evening peak-hour	:	-340	MW, at 19:00 hrs					
	By Coal = 4.604	MKWh		By Hydro = 1.769	MKWh	Maximum	:	-600	MW, at 7:00 hrs					
	By Solar = 0.141	MKWh				Energy	:	4.0165	MKWh					
11.	Total Gas Supplied	:	1172.41	MMCFD										
(C) Forecast of 18.03.19 (Today) Monday :														
01.	Maximum Demand	:	10700	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)					
02.	Maximum Generation	:	13387	MW (Generation end)	05.	Total Generation	:	205.24	MKWh					
03.	Maximum Shortage	:	-2687	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	34.3° C						

* Captive Power ** Imported Power

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

(MONIRUZZAMAN)
Deputy Secretary, Generation