



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month March, 2019		Day : Wednesday				Date : 20.03.19						
Probable Maximum Demand :		10700 MW		Probable Maximum Generation :		13380 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 89.01 ft		Today = 88.77 ft		Rule Curve = 90.12 ft						
Sl. No.	Name of Power Station	Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.03.19 (Yesterday)		20.03.19 (Today)		19.03.19 (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	36	36	36	36			
	b) Ghorasal ST:Unit-2	Gas (PDB)	1 x 55	55	45	0	35	38	38			
	c) Ghorasal: Unit-3 GT	Gas (PDB)	1 x 210	210	170	239	286	280	280		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	100	100	0	0			
2	Ghorasal CCPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	260	220	360	360			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	73	77	75	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	0	0	0			
7	Horipur NEPC (HFO)	HFO (IPP)	8x15	110	110	0	70	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	400	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	90	110	110	110			
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	350	352	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	43	0	0	0	210	Gas Shortage	
13	Shiddirganj CCPP-335 MW GT	Gas (EGCB)	1 x 217	217	217	115	115	0	0			
14	Siddirganj (Desh)	HSD (QRPP)	96x1.2	100	100	0	0	100	100			
15	Siddirganj (Dutch Bangle)	HFO (QRPP)	12x8.9	100	100	0	7	100	100			
16	Meghnaghat CCPP (Summit)	HSD/GAS (IPP)	2x110+1x110	305	305	100	260	225	335			
17	Meghnaghat (IEL)	HFO (QRPP)	12x8.9	100	100	0	19	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	30	55	55			
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	0	25	100	100			
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	16	70	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	49	47	49	49			
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	51	37	51	51			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	16	48	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	40	41	40	41			
29	Kamalaghat Munshiganj (Banco Energy)	HFO (IPP)	3x18.69	54	54	0	54	54	54			
30	Summit Gazipur-2	HFO (IPP)	18x17.076	300	300	0	65	200	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	50	99	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	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	59	60	60	60			
Dhaka Zone Total				6034	5798	2233	2861	4095	4409	315	360	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	75	117	117	117	113	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	17	24	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	19.6	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	146	145	100	100			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	201	202	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.9+1x3+1x1.5	51	51	38	51	51	51			
47	Julda (Acorn)	HFO (QRPP)	8x13.45	100	100	10	78	78	78			
48	Juldah (Acorn) 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	85	85	85			
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	65	70	75			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			2	4	5	10			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	26	99	105	105			
Chattogram Zone Total				1761	1681	773.6	1109	1173	1163	333	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	80	100	100			
	b) Ashuganj ST:Unit-4	Gas (APSCL)	1 x 150	150	129	100	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	37	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	185	184	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	300	349	360	360			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	360	300	360	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	4	6	5	5			
59	Ashuganj (United)	Gas (QRPP)	14x4.00	53	53	0	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	0	63	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	10	0	42			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	90	0	90	90			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	70	125	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
68	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	3	3	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	25	25	33	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	10	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	15	21	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	154	130	167			
Cumilla Zone Total				2951	2891	1459	1517	2043	2222	0	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	155	128	130	130			
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	22			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	80	87	87	87			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	107	107	106	107			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	103	200	200			
78	Sanshabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.2	0	2	0			
Mymensingh Zone Total				645	637	344.2	425	546	546	0	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	19.03.19 (Yesterday)		20.03.19 (Today)		19.03.19 (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 CCPP-1	Gas (PDB)	2x32+1x33	97	70	59	40	60	60					
80	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	62	62	62	62					
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	53	53	51	51					
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	37	44	44					
83	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	130	163	163					
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	8	8	11	11					
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	59	40	66	66					
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	173	170	170	170					
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	83	85	86	86					
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	47	47	47					
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	101	104	115	115					
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20					
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	42	48	48	48					
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	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	285	255	341	341					
	Bibiana- 3	Gas (PDB)				0	0	0	0			On Test		
Sylhet Zone Total				1594	1549	1141	1133	1319	1319	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	220	250	270	410					
97	Fariapur Peaking	HFO (PDB)	8x6.98	54	54	28	33	35	35					
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	45	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	16	115	115	115					
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	0	50	100	100					
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	0	40	40	40					
102	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	70	105	105	105					
	Modhumati Power Plant	HFO (IPP)				0	0	0	0			On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	794	946	810	958					
Khulna Zone Total				2223	2209	1128	1584	1515	1889	0	0			
1	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	24	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	29	24	26					
4	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	120	120	175	175					
5	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	95	97	95	95					
Barishal Zone Total				472	462	261	380	404	428	0	0			
6	a) Baghabari GT	Gas (PDB)	1 x 71	71	71	60	55	60	60	16		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	50	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	48	0	48					
10	Amnura	HFO (QRPP)	7x7.79	50	50	50	50	50	50					
11	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	25	100	100	100					
12	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	28	40	40					
13	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	50	50	50	50					
14	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	0	30					
15	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	209	182	195	195					
16	Sirajganj CCPP 2	Gas (NWPGL)	1x150+1x75	220	220	0	0	0	0					
17	Sirajganj CCPP-3	Gas (NWPGL)	1x141+1x79	220	220	180	178	200	200					
18	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	45	57	430	220					
19	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	21	22	22					
20	Bogura (Energyprima)	Gas (RPP)	5x3.3+5x2.0	20	10	14	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)				90	0	0	0			On Test		
Rajshahi Zone Total				1835	1825	808	928	1227	1145	116	0			
23	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	0	0	74	74	85		Coal Shortage		
24	Barapukuria ST:Unit - 3	Coal (PDB)	1 x 274	274	274	149	149	149	149	125		Coal Shortage		
25	Rangpur GT	HSD (PDB)	1 x 20	20	20	0	17	17	17					
26	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	12	19	19					
Rangpur Zone Total				564	484	149	178	259	259	210	85			
Sub-total: Plants in operation				18079	17536	8297	10115	12560	13380	974	445			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7910	9250	11975	12757					
Gross Total				18079	17536	8297	10115	12560	13380	974	445			
(B) Actual data of 19.03.19 (Yesterday) Tuesday :														
01.	Max. Demand (Generation end)	:	10115.00	MW, at =	19:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end):							
02.	Max. Demand (Sub-station end)	:	9250.00	MW, at =	19:00 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed	
03.	Highest Generation (Generation end)	:	10115.00	MW, at =	19:00 hrs	MW	MW	MW	MW	MW	MW	MW	MW	
04.	Minimum Generation (Generation end)	:	7030.00	MW, at =	5:00 hrs	Dhaka	3452	3452	0	Mymensingh	784	784	0	
05.	Day-peak Generation (Generation end)	:	8296.80	MW, at =	12:00 hrs	Chattogram	1086	1086	0	Sylhet	350	350	0	
06.	Evening-peak Generation (Generation end)	:	10115.00	MW, at =	19:00 hrs	Khulna	1128	1128	0	Barishal	233	233	0	
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at =	19:00 hrs	Rajshahi	1128	1128	0	Rangpur	233	233	0	
08.	Actual Minimum Generation up to 8:00 hrs.	:	7164.00	MW		Cumilla	856	856	0					
09.	Generation shortfall at evening peak due to :	:				13.	Fuel cost :			Total	9250	9250	0	
	a) Gas limitation	:	651	MW			(a) Gas =	102420016	Taka	(c) Coal =	14484245	Taka		
	d) Coal supply Limitation	:	210	MW			(b) Oil =	242407892	Taka	Total =	116904261	Taka		
	b) Low water level in Kaptai lake	:	113	MW		14.	Maximum Temperature in Dhaka was :		30.2° C					
	c) Plants under shut down/ maintenance	:	445	MW		15.	Export through East-West interconnections :							
10.	Total Energy (Generation + India Import)	:	188.34	MKWh			At evening peak-hour		-310	MW, at	19:00 hrs			
	By Gas =	141.893	MKWh	By Oil =	31.417	MKWh	Maximum		-460	MW, at	1:00 hrs			
	By Coal =	3.718	MKWh	By Hydro =	2.130	MKWh	Energy		2.67	MKWh				
	By Solar =	0.149	MKWh											
11.	Total Gas Supplied	:	1247.05	MMCFD										
(C) Forecast of 20.03.19 (Today) Wednesday :														
01.	Maximum Demand	:	10700	MW	(Generation end)	04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)			
02.	Maximum Generation	:	13380	MW	(Generation end)	05.	Total Generation	:	212.76	MKWh				
03.	Maximum Shortage	:	-2680	MW	(Generation end)	06.	Probable Max. Temperature in Dhaka :		33.6° C					

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation