



Bangladesh Power Generation Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 954667, 9551095

Month March, 2019		Day : Saturday				Date : 23.03.19						
Probable Maximum Demand :		10800 MW		Probable Maximum Generation :		13810 MW						
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 88.17 ft		Today = 88.03 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)	22.03.19 (Yesterday)		23.03.19 (Today)		22.03.19 (Yesterday)		Status of Machines under shut-down/ Maintenance	
					Actual Peak Generation (MW)	Probable Peak Generation (MW)	Gen. shortfall for :	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	38	38	38	38			
	c) Ghorasal: Unit-3 GT	Gas (PDB)	1 x 210	210	170	218	94	139	139		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	0	0	0	0	190	Gas Shortage	
2	Ghorasal CAPP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	250	265	230	230			
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	12	12			
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	40	70	70	70			
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	279	355	360	360			
9	Meghnaghat CCPP	Gas (IPP)	2x140+1x170	450	450	405	360	450	450			
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115	Gas Shortage	
11	Horipur 412MW CCPP	Gas (EGCB)	1x273+1x139	412	412	384	350	412	412			
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	100	100	210	Gas Shortage	
13	Shiddirganj 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	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	150	150	150	150			
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	0	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	0	30	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	39	47	56	56			
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	25	31	33	33			
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	12	50	50	50			
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	0	16	149	149			
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	24	35	41	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	0	200	300			
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	0	67	149	149			
32	APR Energy , Keraniganj	HSD (IPP)	256x1.4	300	300	0	0	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	0	55	55	55			
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	0	55	55	55			
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	8	53	53	53			
Dhaka Zone Total				6034	5798	1960	2270	4103	4303	660	0	
38	Kaptai Hydro:Unit -1,2,3,4, 5	Hydro (PDB)	2x40, 3x50	230	230	71	71	71	71	159		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	120	120	120	120	60		Gas Shortage
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	0	13	25	25			
41	Teknaf Solartech 20MW	Solar (IPP)	1x20	20	20	0	0	20	0			
42	Patenga 50MW (Barakatullah)	HFO (IPP)	8x6.89	50	50	0	25	0	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	150	149	150	150			
45	Sikalbaha 225 MW CCPP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	215	201	225	225			
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	36	50	50	50			
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	60	78	78			
48	Julda (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	0	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	85	82	82			
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	22	22	22	22			
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			30	26	37	37			
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	12	106	105	105			
Chattogram Zone Total				1761	1681	786	1233	1290	1320	259	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	80	80	80	80			
	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	20	33	40	40			
55	Ashuganj CCPP 225 MW	Gas (APSCL)	1x142+1*75	221	221	210	186	221	221			
56	Ashuganj CCPP(South)	Gas (APSCL)	1x360	360	360	295	300	253	253			
57	Ashuganj CCPP(North)	Gas (APSCL)	1x361	360	360	300	320	260	360			
58	Ashuganj (Precision)	Gas (RPP)	15*4	55	55	6	6	6	6			
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	5	35	35	35			
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	0	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	0	0	50			
65	Chandpur CCPP	Gas (PDB)	1X106+1x57	163	163	50	50	90	90			
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	17	200	200	200			
67	Feni (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	19	19	22	22			
68	Feni, Mohpal (Doreen)	Gas (SIPP, REB)	4x2.90	11	11	11	11	11	11			
69	Jangalia (Summit)	Gas (SIPP, PDB)	4x8.73	33	33	8	25	33	33			
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	0	34	52	52			
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	21	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	114	152	130	170			
Cumilla Zone Total				2951	2891	1249	1615	1817	2107	0	0	
73	RPCL CCPP	Gas (IPP)	4x35+1x70	210	202	96	156	202	202	46		Gas Shortage
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	0			
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	7	85	88	88			
76	Jamalpur 115MW (United)	HFO (IPP)	12x9.87	115	115	90	110	110	110			
77	Mymensingh 200MW (United)	HFO (IPP)	21x9.780	200	200	0	70	200	200			
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	1.8	0	2	0			
Mymensingh Zone Total				645	637	194.8	421	602	600	46	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	22.03.19 (Yesterday)		23.03.19 (Today)		22.03.19 (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	58	60	60	60					
80	Fenchuganj CCPP-2	Gas (PDB)	2x35+1x35	104	90	52	62	62	62					
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	5	53	51	51					
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	5	50	44	44					
83	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	130	130	163	163					
84	Hobiganj (Confidence-EP)	Gas (SIPP, REB)	4x2.90	11	11	3	8	11	11					
85	Shajibazar GT:Unit-8,9	Gas (PDB)	2x35	70	66	62	62	66	66					
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	333	331	330	330					
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	10	88	86	86					
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	5	45	45	45					
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	99	108	120	120					
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	20	19	20	20					
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	7	49	50	50					
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	0	10	10	10					
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	8	16	25	25					
94	Summit Bibiana- 2	Gas (IPP)	1x222+1x119	341	341	300	290	341	341					
	Bibiana- 3	Gas (PDB)				0	0	90	90			On Test		
Sylhet Zone Total				1594	1549	1097	1381	1574	1574	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	200	410	410					
97	Faridpur Peaking	HFO (PDB)	8x6.98	54	54	0	36	36	36					
98	Gopalganj Peaking	HFO (PDB)	16x6.98	109	109	0	20	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	0	16	115	115					
101	Bangla Trac (Noapara)	HSD (IPP)	70x1.4+7x1.515	100	100	50	0	100	100					
102	Noapara (Khanjahan Ali)	HFO (QRPP)	5x8.5	40	40	40	8	40	40					
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	54	17	105	105					
	Modhumati Power Plant	HFO (IPP)				107	108	108	108			On Test		
**	Bheramara HVDC Interconnector	India		1000	1000	709	857	815	963					
Khulna Zone Total				2223	2209	1180	1262	1769	2003	0	0			
104	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	0	0	26					
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	0	16	110	110					
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	16	28	28	28					
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	124	125	129	129					
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	93	70	95	95					
Barishal Zone Total				472	462	233	239	362	388	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	54	0	54					
113	Ammura	HFO (QRPP)	7x7.79	50	50	40	40	40	40					
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	50	100	100	100					
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	40	40	40					
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	8	50	50	50					
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	21	0	29					
118	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	202	181	195	195					
119	Sirajganj CCPP 2	Gas (NWPGL)	1x150+1x75	220	220	0	0	0	0					
120	Sirajganj CCPP-3	Gas (NWPGL)	1x141+1x79	220	220	197	177	200	200					
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	200	0	100	400					
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	18	22	22	22					
123	Bogura (Energyprima)	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	52	52	52	52					
	Confidence CPBL-2	HFO (IPP)				0	0	0	0			On Test		
Rajshahi Zone Total				1835	1825	795	815	827	1260	171	0			
126	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	75	70	71	71	15		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	17	17					
129	Syedpur GT	HSD (PDB)	1 x 20	20	20	0	18	18	18					
Rangpur Zone Total				564	484	224	254	255	255	140	85			
Sub-total: Plants in operation				18079	17536	7719	9490	12599	13810	1276	85			
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						7285	8052	11891	13034					
Gross Total				18079	17536	7719	9490	12599	13810	1276	85			
(B) Actual data of 22.03.19 (Yesterday) Friday :														
01.	Max. Demand (Generation end)	:	9490.00	MW,	at =	19:30 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end) :						
02.	Max. Demand (Sub-station end)	:	8052.00	MW,	at =	19:30 hrs	Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	9490.00	MW,	at =	19:30 hrs	MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	6889.34	MW,	at =	9:00 hrs	Dhaka	3376	3376	0	Mymensingh	791	791	0
05.	Day-peak Generation (Generation end)	:	7718.80	MW,	at =	12:00 hrs	Chattogram	952	952	0	Sylhet	304	304	0
06.	Evening-peak Generation (Generation end)	:	9490.00	MW,	at =	19:30 hrs	Khulna	610	610	0	Barishal	228	228	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW,	at =	19:30 hrs	Rajshahi	610	610	0	Rangpur	228	228	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	6880.00	MW			Cumilla	953	953	0				
09.	Generation shortfall at evening peak due to :	:					13.	Fuel cost :			Total	8052	8052	0
	a) Gas limitation	:	977	MW				(a) Gas =	97187599	Taka	(c) Coal =	24798829	Taka	
	d) Coal supply Limitation	:	140	MW				(b) Oil =	197129891	Taka	Total =	121986428	Taka	
	b) Low water level in Kaptai lake	:	159	MW										
	c) Plants under shut down/ maintenance	:	85	MW			14.	Maximum Temperature in Dhaka was :			33.6° C			
10.	Total Energy (Generation + India Import)	:	194.53	MKWh			15.	Export through East-West interconnections :						
	By Gas =	140.378	MKWh					At evening peak-hour			-280	MW,	at	19:30 hrs
	By Coal =	5.425	MKWh					Maximum			-330	MW,	at	16:00 hrs
	By Solar =	0.131	MKWh					Energy			1.5245	MKWh		
11.	Total Gas Supplied	:	1183.47	MMCFD										
(C) Forecast of 23.03.19 (Today) Saturday :														
01.	Maximum Demand	:	10800	MW	(Generation end)		04.	Maximum Load-shed	:	0	MW	At evening peak (Sub-station end)		
02.	Maximum Generation	:	13810	MW	(Generation end)		05.	Total Generation	:	221.39	MKWh			
03.	Maximum Shortage	:	-3010	MW	(Generation end)		06.	Probable Max. Temperature in Dhaka :		34.6° C				

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation