



Bangladesh Power Development Board
DAILY ELECTRICITY GENERATION REPORT

Office of the Member, Generation
Tel : 9564667, 9551095

Month March, 2019		Day : Friday				Date : 22.03.19							
Probable Maximum Demand :		9800 MW		Probable Maximum Generation :		13219 MW							
Water Level of Kaptai Lake at 06:00 AM		Yesterday = 88.41 ft		Today = 88.17 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)	21.03.19 (Yesterday)		22.03.19 (Today)		21.03.19 (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	38	38	38	38				
	c) Ghorasal: Unit-3 GT	Gas (PDB)	1 x 210	210	170	238	238	239	239			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 CCGP:Unit-7	Gas (PDB)	1x 254+1x 126	365	365	320	300	0	0				
3	Ghorashal (Regent)	Gas (IPP)	34x3.35	108	108	0	0	0	0				
4	Ghorasal 78.5MW (Max)	Gas (QRPP)	2x40	78	78	70	74	74	74				
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	27	27	110	110				
8	Horipur Power CCGP	Gas (IPP)	1x235+1x125	360	360	30	350	360	360				
9	Meghnaghat CCGP	Gas (IPP)	2x140+1x170	450	450	405	405	450	450				
10	Shiddirganj ST	Gas (PDB)	1 x 210	210	115	0	0	0	0	115		Gas Shortage	
11	Horipur 412MW CCGP	Gas (EGCB)	1x273+1x139	412	412	375	320	412	412				
12	Shiddirganj GT:Unit-1&2	Gas (EGCB)	2 x 105	210	210	0	0	0	0	210		Gas Shortage	
13	Shiddirganj CCGP-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	50	100	100				
16	Meghnaghat CCGP (Summit)	HSD/GAS (IPP)	2x110+1x110	305	305	150	150	200	335				
17	Meghnaghat (EL)	HFO (QRPP)	12x8.9	100	100	5	40	92	92				
18	Madanganj (Summit)	HFO (QRPP)	6x17	102	100	0	48	65	65				
19	Madanganj-55 MW	HFO (IPP)	5x17.08+1x11.3	55	55	0	15	55	55				
20	Keraniganj (Powerpac)	HFO (QRPP)	8x13.45	100	100	8	10	100	100				
21	Gagnagar (Orion)	HFO (IPP)	12x8.924	102	102	64	102	102	102				
22	Narshingdi (Doreen)	Gas (SIPP, REB)	8x2.90	22	22	19	19	22	22				
23	Summit Power (Madhabdi+Ashulia)	Gas (SIPP, REB)	6x3.67+7x8.73	80	80	55	55	55	55				
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	17	31	33	33				
26	Gazipur (RPCL)	HFO (RPCL)	6x8.90	52	52	51	50	50	50				
27	Kodda 150MW Power Plant	HFO (BPDB-RPCL)	9x17.06	149	149	120	149	149	149				
28	Kathpotti 52 MW	HFO (IPP)	7x7.90	51	51	34	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	121	145	200	300				
31	Summit Kodda 149MW	HFO (IPP)	8x18.415+1x8.97	149	149	48	95	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	55	55	55	55				
36	Northern 55 MW	HFO (IPP)	3x19.3	55	55	56	55	55	55				
37	Bosila 108 MW (CLC)	HFO (IPP)	12x8.775+1x3.5	108	108	42	52	60	60				
Dhaka Zone Total					6034	5798	2471	3037	3890	4225	660	0	
38	Kaptai Hydro:Unit-1,2,3,4,5	Hydro (PDB)	2x40, 3x50	230	230	73	73	117	117	157		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	10	120	120	170		Gas Shortage	
40	Razzan 25 MW (RPCL)	HFO (RPCL)	3x8.9	25	25	16	16	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	25	25	25	25				
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	152	150	150				
45	Sikalbaha 225 MW CCGP (Dual Fuel)	Gas (PDB)	1 x 150+1 x 75	225	225	201	202	225	225				
46	Sikalbaha (Energis)	HFO (RPP)	4x12.5+2x11.3+1x3+1x1.5	51	51	41	51	51	51				
47	Julda (Acom)	HFO (QRPP)	8x13.45	100	100	10	10	78	78				
48	Juldah (Acom) 100 MW Unit-3	HFO (IPP)	8x13.45	100	100	50	100	100	100				
49	Dohazari-Kalaish Peaking	HFO (PDB)	6x17.0	102	102	0	68	68	68				
50	Hathazari Peaking	HFO (PDB)	11x8.9	98	98	0	82	70	82				
51	Barakunda (Regent)	Gas (SIPP, PDB)	8x2.90	22	22	19	22	22	22				
*	Malancha, Ctg, EPZ (United)	Gas	5x8.73+3x9.34			6	20	37	37				
52	Chattogram ECPV 108 MW	HFO (IPP)	16x7.00	108	108	92	105	105	105				
Chattogram Zone Total					1761	1681	823	1056	1333	1325	367	0	
53	a) Ashuganj ST:Unit-3	Gas (APSCL)	1 x 150	150	135	80	80	80	80				
	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	37	40	40				
55	Ashuganj CCGP 225 MW	Gas (APSCL)	1x142+1*75	221	221	205	185	221	221				
56	Ashuganj CCGP(South)	Gas (APSCL)	1x360	360	360	300	320	360	360				
57	Ashuganj CCGP(North)	Gas (APSCL)	1x361	360	360	360	360	360	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	35	35	35	35				
62	Ashuganj 150MW Midland	HFO (IPP)	23x7.015	150	150	122	115	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	50				
65	Chandpur CCGP	Gas (PDB)	1X106+1x57	163	163	80	0	90	90				
66	Chandpur 200MW Desh energy	HFO (IPP)	12x18.415	200	200	130	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	25	25	33	33				
70	Jangalia (Lakdanavi)	HFO (IPP)	6x8.92	52	52	1	16	52	52				
71	Summit Power, Cumilla	Gas (SIPP, REB)	3x3.67+2x6.97	25	25	18	18	21	21				
72	Daudkandi 200 MW	HSD (IPP)	9x1.4+40x1.515+15x1.05	200	200	0	0	100	200				
**	Tripura	India		160	160	126	156	123	159				
Cumilla Zone Total					2951	2891	1631	1726	1997	2183	0	0	
73	RPCL CCGP	Gas (IPP)	4x35+1x70	210	202	100	86	102	102	116		Gas Shortage	
74	Tangail (Doreen)	Gas (SIPP, PDB)	8x2.90	22	22	0	0	0	22				
75	Jamalpur IPP	HFO (IPP)	12x8.924	95	95	87	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	40	200	200	200				
78	Sarishabari Solar Plant	Solar (IPP)	12x8.924	3	3	2.3	0	2	0				
Mymensing Zone Total					645	637	336.3	480	497	518	116	0	

Sl. No.	Name of Power Station		Nos. of Unit X Capacity (MW)	Installed Capacity (MW)	Derated/ Present Capacity (MW)	21.03.19 (Yesterday)		22.03.19 (Today)		21.03.19 (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	45	45	62	62				
81	Fenchuganj (Barakatullah)	Gas (RPP)	19x2.90	51	51	48	50	51	51				
82	Fenchuganj (Energyprima)	Gas (RPP)	12x3.3+5x2.0	44	44	47	49	44	44				
83	Kushiara 163 MW CCPP	Gas (IPP)	1x109+1x54	163	163	100	100	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	43	45	66	66				
86	Shajibazar 330 MW CCPP	Gas (PDB)	2x110+2x110	330	330	71	167	330	330				
87	Shajibazar (Shajibazar)	Gas (RPP)	32x2.90	86	86	80	83	86	86				
88	Shajibazar (Energyprima)	Gas (RPP)	27x2.0	50	50	45	47	47	47				
89	Sylhet 150MW GT	Gas (PDB)	1x142	142	142	103	110	120	120				
90	Sylhet 20MW GT	Gas (PDB)	1 x 20	20	20	0	19	20	20				
91	Sylhet (Energyprima)	Gas (RPP)	27x2.0	50	50	45	50	50	50				
92	Sylhet (Desh)	Gas (RPP)	6x1.95	10	10	10	10	10	10				
93	Shahjahanulla 25MW	Gas (CIPP, REB)	3x9.34	25	25	25	25	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	1018	1131	1486	1486	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	260	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	66	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	66	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	40	40	40	40				
103	Labon Chora 105 MW	HFO (IPP)	6x18.445	105	105	105	105	105	105				
	Modhumati Power Plant	HFO (IPP)				53	0	0	0			On Test	
**	Bheramara HVDC Interconnector	India		1000	1000	801	955	717	867				
Khulna Zone Total				2223	2209	1325	1567	1563	1799	0	0		
104	Barisal GT :Unit -1, 2	HSD (PDB)	2 x 20	40	30	0	26	0	26				
105	Summit Barisal 110 MW	HFO (IPP)	7 x 17.076	110	110	64	110	110	110				
106	Bhola (Venture)	Gas (RPP)	1x34.50	33	33	15	25	24	26				
107	Bhola CCPP GT-1,2,ST	Gas (PDB)	2x63+1x68	194	194	120	115	127	127				
108	Bhola Agreeko 95 MW	Gas (QRPP)	1.1x96	95	95	93	97	95	95				
Barishal Zone Total				472	462	292	373	356	384	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	43	0	43				
111	Baghabari 200MW (Paramount)	HSD (IPP)	135x1.6	200	200	0	0	0	0				
112	Bera Peaking	HFO (PDB)	9x8.29	71	71	0	45	0	45				
113	Ammura	HFO (QRPP)	7x7.79	50	50	50	50	40	40				
114	Chapainawabganj-100 MW	HFO (PDB)	12x8.924	104	104	93	100	100	100				
115	Katakhali Peaking	HFO (PDB)	6x8.7	50	50	0	39	39	39				
116	Katakhali (Northern)	HFO (QRPP)	6x8.9	50	50	0	50	50	50				
117	Santahar Peaking	HFO (PDB)	6x8.7	50	50	0	29	0	29				
118	Sirajganj CCPP 1	Gas (NWPGL)	1x150+1x75	210	210	198	185	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	194	200	200	200				
121	Sirajganj Unit-4 GT(Gas)	Gas (IPP)	1x282	282	282	261	172	200	200				
122	Bogura (GBB)	Gas (RPP)	6x4.0	22	22	22	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)				80	0	0	0			On Test	
Rajshahi Zone Total				1835	1825	978	1015	926	1043	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	74	58	73	73	27		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	17	17	17				
Rangpur Zone Total				564	484	223	241	256	256	152	85		
Sub-total: Plants in operation				18079	17536	9097	10626	12304	13219	1466	85		
Available Power at Sub-station end excluding P/S auxiliary use and Transmission loss						8556	9596	11572	12433				
Gross Total				18079	17536	9097	10626	12304	13219	1466	85		
(B) Actual data of 21.03.19 (Yesterday) Thursday :													
01.	Max. Demand (Generation end)	:	10626.00	MW, at = 20:00 hrs	12.	Zone wise Demand and Load-shed at Evening Peak (Sub-station end):							
02.	Max. Demand (Sub-station end)	:	9596.00	MW, at = 20:00 hrs		Zone	Demand	Supply	Load Shed	Zone	Demand	Supply	Load Shed
03.	Highest Generation (Generation end)	:	10626.00	MW, at = 20:00 hrs		MW	MW	MW	MW	MW	MW	MW	MW
04.	Minimum Generation (Generation end)	:	7215.00	MW, at = 5:00 hrs		Dhaka	3680	3680	0	Mymensingh	806	806	0
05.	Day-peak Generation (Generation end)	:	9097.30	MW, at = 12:00 hrs		Chattogram	1036	1036	0	Sylhet	369	369	0
06.	Evening-peak Generation (Generation end)	:	10626.00	MW, at = 20:00 hrs		Khulna	1140	1140	0	Barishal	229	229	0
07.	Evening Peak Load-shed (Sub-station end)	:	0.00	MW, at = 20:00 hrs		Rajshahi	1140	1140	0	Rangpur	229	229	0
08.	Actual Minimum Generation up to 8:00 hrs.	:	7096.25	MW		Cumilla	967	967	0				
09.	Generation shortfall at evening peak due to :	:								Total	9596	9596	0
	a) Gas limitation	:	1157	MW	13.	Fuel cost :	(a) Gas = 96261606	Taka	(c) Coal = 24651440	Taka			
	d) Coal supply Limitation	:	152	MW			(b) Oil = 310813487	Taka	Total = 120913046	Taka			
	b) Low water level in Kaptai lake	:	157	MW									
	c) Plants under shut down/ maintenance	:	85	MW	14.	Maximum Temperature in Dhaka was :	34° C						
10.	Total Energy (Generation + India Import)	:	212.33	MKWh	15.	Export through East-West interconnections :							
	By Gas = 141.840	MKWh		By Oil = 40.939	MKWh	At evening peak-hour	:	-220	MW, at 20:00 hrs				
	By Coal = 5.392	MKWh		By Hydro = 1.730	MKWh	Maximum	:	-340	MW, at 19:30 hrs				
	By Solar = 0.157	MKWh				Energy	:	0.3825	MKWh				
11.	Total Gas Supplied	:	1199.92	MMCFD									
(C) Forecast of 22.03.19 (Today) Friday :													
01.	Maximum Demand	:	9800	MW (Generation end)	04.	Maximum Load-shed	:	0	MW At evening peak (Sub-station end)				
02.	Maximum Generation	:	13219	MW (Generation end)	05.	Total Generation	:	195.83	MKWh				
03.	Maximum Shortage	:	-3419	MW (Generation end)	06.	Probable Max. Temperature in Dhaka :	:	32.3° C					

* Captive Power ** Imported Power

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

(MONIRUZAMAN)
Deputy Secretary, Generation